State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Notice: This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants of property belonging to the responsible person, and 3) to owners and occupants of property that does not belong to the responsible person but has been affected by contamination arising on his or her property. Notification is required within 10 business days of receiving the sample results. Personal information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

NOTE: Under s. NR 716.14, Wis. Adm. Code, the responsible party must also submit sample results and other required information to the DNR. We recommend that copies of the sample results notifications be included with that submittal, along with all attachments. Using the same format used for data presentation for a closure request may be helpful to all parties. See s. NR 716.14, Wis. Adm. Code for the full list of information to be submitted to the DNR.

Notification of Property Owners and Occupants:

This notification form has been provided to you in order to provide the results of environmental sampling that has been conducted on property that you own or occupy. Samples were collected in accordance with the methods identified in the site investigation work plan, in accordance with s. NR. 716.09 and 716.13, Wis. Adm. Code. This sampling was conducted as a result of contamination originating at the following location.

Site Information

Site Name			DNR ID # (BRRTS #)
Former Koppers Tar Plant and Wabash Alloys Site (Beazer VPLE)			06-41-561509/561426
Address	City	State	ZIP Code
9100 South 5th Avenue	Oak Creek	WI	53154

Responsible Party

The person(s) responsible for completing this environmental investigation is:

Property Owner

Connell Aluminum Properties (Note that sampling was performed by the Responsible Party, Beazer East)

Address	City	State	ZIP Code
One International Place	Boston	MA	02110

Contact Person	Phone Number (include area code)
Michael Kellogg	(919) 744-7522

Person or company that collected samples

Ashley A. Weimer, Tetra Tech Inc. (on behalf of Beazer East)

Sample Results (Results Attached)

Reason for Sampling: ◉ Routine ◯ Other (define) _____

The contaminants that have been identified at this time on property that you own or occupy include:

Contaminant	In Soil? Yes	In Soil? No	In Groundwater? Yes	In Groundwater? No
Gasoline	◯	◉	◯	◉
Diesel or Fuel Oil	◯	◉	◯	◉
Solvents	◯	◉	◯	◉
Heavy Metals	◯	◉	◯	◉
Pesticides	◯	◉	◯	◉
Other: Coal Tar	◯	◉	◉	◯

This sampling event included sampling of a drinking water well.
◯ Yes ◉ No

If yes, the sampled drinking water well had detectable contaminants.
◯ Yes ◯ No

Contaminants in Vapor	Yes	No
Indoor Air	◯	◉
Sub-slab	◯	◉
Exterior Soil Gas	◯	◉

Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of s. NR 716.15 (4), Wis. Adm. Code.)
- A data table with specific contaminant levels at each sample location and whether or not the sample results exceed state standards.
- A copy of the laboratory results.

You are not identified as the person that is responsible for this contamination. However, your cooperation is important. Property owners may become legally responsible for contamination if they do not allow access to the person that is responsible so that person may complete the environmental investigation and clean up activities.

Option for written exemption: You have the option of requesting a written liability exemption from the DNR for contamination that originated on another property, or on property that you lease. To do this, you must present an adequate environmental assessment of your property and pay a $700 fee for review of this information. If you are interested in this option, please see DNR publication # RR 589, "When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners", available at: dnr.wi.gov/files/PDF/pubs/rr/rr589.pdf.

Contact Information

Please address questions regarding this notification, or requests for additional information to the contact person listed above, or to one of the following contacts:

Environmental Consultant

Company Name	Contact Person Last Name	First Name
Tetra Tech Inc.	Noel	Michael

Address	City	State	ZIP Code
175 North Corporate Drive, Suite 100	Brookfield	WI	53045

Phone # (inc. area code)	Email
(262) 792-1282	Mike.noel@tetratech.com

Select which agency: (●) Natural Resources ( ) Agriculture, Trade and Consumer Protection

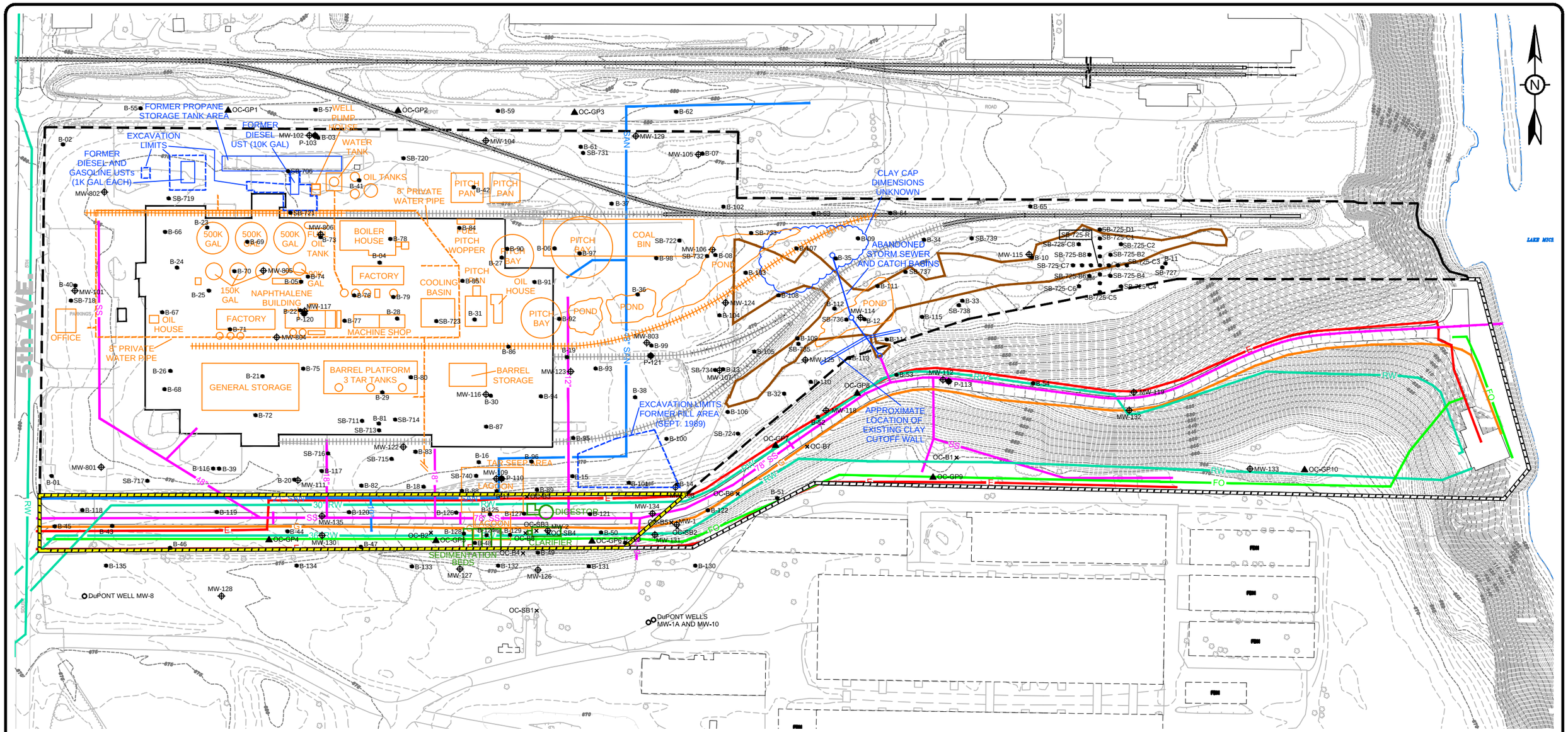
State of Wisconsin Department of Natural Resources

Contact Person Last Name	First Name	Phone # (inc. area code)
Amadi	Eric	

Address	City	State	ZIP Code
2300 North Martin Luther King Jr Drive	Milwaukee	WI	53212

Email

eric.amadi@wisconsin.gov



EXPLANATION

MW-101	WATER TABLE WELL
P-103	NESTED PIEZOMETER
B-01	SOIL BORING
OC-SB1	SOIL BORING (CITY OF OAK CREEK)
OC-GP1	GEOPROBE (CITY OF OAK CREEK)
	APPROXIMATE WABASH PARCEL BOUNDARY (VPLE 06-41-560068)
	APPROXIMATE CITY PARCEL BOUNDARY (VPLE # TBD)
	FORMER TAR PLANT STRUCTURES
	PAST REMEDIAL ACTIVITIES
	FORMER WASTEWATER TREATMENT PLANT STRUCTURES
	APPROXIMATE WETLAND BOUNDARY
	APPROXIMATE CITY UTILITY CORRIDOR PROPERTY BOUNDARY
E	ELECTRICAL
G	NATURAL GAS
RW	RAW WATER
SAN	SANITARY
SS	STORM SEWER
FO	FIBER OPTIC

0 160 320

SCALE IN FEET

REFERENCE NOTES:

1. EXISTING TOPOGRAPHY AND SITE FEATURES FROM LAND INFORMATION SERVICES, INC. - ENVIRONMENTAL SURVEY, 12/21/2001.
2. FORMER TAR PLANT STRUCTURES FROM THE SANBORN LIBRARY - EDR INQUIRY 2284158.1s, ©1950.
3. FORMER POND AND LAGOON LOCATIONS FROM 1937-1968 AERIAL PHOTOGRAPHY - COMPILED BY AERO-DATA CORPORATION, APRIL 2013.
4. FORMER WASTEWATER TREATMENT PLANT STRUCTURES FROM HARTMAN-STRASS, INC. - FILE NO. 72051-C-303, 12/1/1971.

TITLE: FORMER KOPPERS TAR PLANT AND WABASH ALLOYS SITE
SITE LAYOUT

LOCATION: OAK CREEK, WISCONSIN

TETRA TECH

CHECKED	MRN	FIGURE:
DRAFTED	HJW	2
PROJECT	117-2201347	
DATE	3/17/15	

C:\USERS\HEATH.WARD\DESKTOP\WORKING REPORTS\SITE LAYOUT REVISED 3-17-2015.DWG

VOC June 2017 Results
Former Koppers Tar Plant and Wabash Alloys Site
Beazer Oak Creek VPLE
BRRTS #:06-41-561509/06-41-561426

	WDNR NR140		MW-1	MW-2	MW-101	MW-101 DU	MW-102	P-103	MW-104	MW-105	MW-107	MW-108	P-110	MW-111	MW-111 DU	MW-112	P-113	MW-115	MW-117	MW-117 DU	MW-118	P-120	P-121	MW-122	MW-123	MW-125	MW-126	MW-127	MW-128	MW-129	MW-130	MW-131	MW-132	MW-133	MW-134
	PAL	ES	6/22/17	6/16/17	6/20/17	6/20/17	6/22/17	6/22/17	6/22/17	6/20/17	6/20/17	6/22/17	6/22/17	6/22/17	6/22/17	6/20/17	6/21/17	6/20/17	6/22/17	6/22/17	6/20/17	6/22/17	6/21/17	6/20/17	6/21/17	6/22/17	6/16/17	6/16/17	6/21/17	6/21/17	6/16/17	6/16/17	6/16/17	6/16/17	6/20/17
1,1,1,2-Tetrachloroethane	*7*	**70**	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<4.6	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<23	<23	<0.46	<0.46	<0.46	<2.3	<9.2	<4.6	<0.46	<0.46	<0.46	<0.46	<2.3	<0.46	<0.46	<0.46	<0.92
1,1,1-Trichloroethane	*40*	**200**	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<3.8	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<19	<19	<0.38	<0.38	<0.38	<1.9	<7.6	<3.8	<0.38	<0.38	<0.38	<0.38	<1.9	<0.38	<0.38	<0.38	<0.76
1,1,2,2-Tetrachloroethane	*0.02*	**0.2**	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<4.0	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<20	<20	<0.40	<0.40	<0.40	<2.0	<8.0	<4.0	<0.40	<0.40	<0.40	<0.40	<2.0	<0.40	<0.40	<0.40	<0.80
1,1,2-Trichloroethane	*0.5*	**5**	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<3.5	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<18	<18	<0.35	<0.35	<0.35	<1.8	<7.0	<3.5	<0.35	<0.35	<0.35	<0.35	<1.8	<0.35	<0.35	<0.35	<0.70
1,1-Dichloroethane	*85*	**850**	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<4.1	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<21	<21	<0.41	<0.41	<0.41	<2.1	<8.2	<4.1	<0.41	<0.41	<0.41	<0.41	<2.1	<0.41	<0.41	<0.41	<0.82
1,1-Dichloroethene	*0.7*	**7**	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<3.9	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<20	<20	<0.39	<0.39	<0.39	<2.0	<7.8	<3.9	<0.39	<0.39	<0.39	<0.39	<2.0	<0.39	<0.39	<0.39	<0.78
1,1-Dichloropropene			<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<3.0	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<15	<15	<0.30	<0.30	<0.30	<1.5	<5.9	<3.0	<0.30	<0.30	<0.30	<0.30	<1.5	<0.30	<0.30	<0.30	<0.59
1,2,3-Trichlorobenzene			<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<4.6	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<23	<23	<0.46	<0.46	<0.46	<2.3	<9.2	<4.6	<0.46	<0.46	<0.46	<0.46	<2.3	<0.46	1.8	<0.46	<0.92
1,2,3-Trichloropropane	*12*	**60**	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<4.1	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<21	<21	<0.41	<0.41	<0.41	<2.1	<8.3	<4.1	<0.41	<0.41	<0.41	<0.41	<2.1	<0.41	<0.41	<0.41	<0.83
1,2,4-Trichlorobenzene	*14*	**70**	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<3.4	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<17	<17	<0.34	<0.34	<0.34	<1.7	<6.8	<3.4	<0.34	<0.34	<0.34	<0.34	<1.7	<0.34	4.7	<0.34	<0.68
1,2,4-Trimethylbenzene	*96*	**480**	<0.36	16	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	*330*	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	**550**	**550**	<0.36	<0.36	<0.36	11	*200*	*140*	<0.36	<0.36	<0.36	<0.36	11	<0.36	<0.36	<0.36	57
1,2-Dibromo-3-Chloropropane	*0.02*	**0.2**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<100	<100	<2.0	<2.0	<2.0	<10	<40	<20	<2.0	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<2.0	<4.0
1,2-Dibromoethane (EDB)	*0.005*	**0.05**	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<3.9	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<19	<19	<0.39	<0.39	<0.39	<1.9	<7.7	<3.9	<0.39	<0.39	<0.39	<0.39	<1.9	<0.39	<0.39	<0.39	<0.77
1,2-Dichlorobenzene	*60*	**600**	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<3.3	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<17	<17	<0.33	<0.33	<0.33	<1.7	<6.7	<3.3	<0.33	<0.33	<0.33	<0.33	<1.7	<0.33	17	<0.33	<0.67
1,2-Dichloroethane	*0.5*	**5**	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<3.9	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<20	<20	<0.39	<0.39	<0.39	<2.0	<7.8	<3.9	<0.39	<0.39	<0.39	<0.39	<2.0	<0.39	<0.39	<0.39	<0.78
1,2-Dichloropropane	*0.5*	**5**	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<4.3	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<21	<21	<0.43	<0.43	<0.43	<2.1	<8.6	<4.3	<0.43	<0.43	<0.43	<0.43	<2.1	<0.43	<0.43	<0.43	<0.86
1,3,5-Trimethylbenzene	*96*	**480**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	86	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	*240*	*240*	<0.25	<0.25	<0.25	8.2	*110*	83	<0.25	<0.25	<0.25	<0.25	7.1	<0.25	<0.25	<0.25	23
1,3-Dichlorobenzene	*125*	**1250**	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<4.0	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<20	<20	<0.40	<0.40	<0.40	<2.0	<8.0	<4.0	<0.40	<0.40	<0.40	<0.40	<2.0	<0.40	8.2	<0.40	<0.80
1,3-Dichloropropane	*0.02*	**0.2**	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<3.6	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<18	<18	<0.36	<0.36	<0.36	<1.8	<7.2	<3.6	<0.36	<0.36	<0.36	<0.36	<1.8	<0.36	<0.36	<0.36	<0.72
1,4-Dichlorobenzene	*15*	**75**	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<3.6	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<18	<18	<0.36	<0.36	<0.36	<1.8	<7.3	<3.6	<0.36	<0.36	<0.36	<0.36	<1.8	<0.36	1.3	<0.36	<0.73
2,2-Dichloropropane			<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<4.4	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<22	<22	<0.44	<0.44	<0.44	<2.2	<8.9	<4.4	<0.44	<0.44	<0.44	<0.44	<2.2	<0.44	<0.44	<0.44	<0.89
2-Chlorotoluene			<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<3.1	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<16	<16	<0.31	<0.31	<0.31	<1.6	<6.3	<3.1	<0.31	<0.31	<0.31	<0.31	<1.6	<0.31	<0.31	<0.31	<0.63
4-Chlorotoluene			<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<3.5	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<17	<17	<0.35	<0.35	<0.35	<1.7	<7.0	<3.5	<0.35	<0.35	<0.35	<0.35	<1.7	<0.35	<0.35	<0.35	<0.70
Benzene	*0.5*	**5**	<0.15	**13**	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	**1700**	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	**4800**	**4800**	<0.15	<0.15	<0.15	**18**	**350**	**400**	<0.15	<0.15	<0.15	<0.15	1.6 J	<0.15	0.27 J	<0.15	**14**
Bromobenzene			<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<3.6	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<18	<18	<0.36	<0.36	<0.36	<1.8	<7.1	<3.6	<0.36	<0.36	<0.36	<0.36	<1.8	<0.36	<0.36	<0.36	<0.71
Bromochloromethane			<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<4.3	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<21	<21	<0.43	<0.43	<0.43	<2.1	<8.6	<4.3	<0.43	<0.43	<0.43	<0.43	<2.1	<0.43	<0.43	<0.43	<0.86
Bromodichloromethane	*0.06*	**0.6**	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<3.7	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<19	<19	<0.37	<0.37	<0.37	<1.9	<7.4	<3.7	<0.37	<0.37	<0.37	<0.37	<1.9	<0.37	<0.37	<0.37	<0.74
Bromoform	*0.44*	**4.4**	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<4.8	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<24	<24	<0.48	<0.48	<0.48	<2.4	<9.7	<4.8	<0.48	<0.48	<0.48	<0.48	<2.4	<0.48	<0.48	<0.48	<0.97
Bromomethane	*1*	**10**	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<8.0	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<40	<40	<0.80	<0.80	<0.80	<4.0	<16	<8.0	<0.80	<0.80	<0.80	<0.80	<4.0	<0.80	<0.80	<0.80	<1.6
Carbon tetrachloride	*0.5*	**5**	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<3.8	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<19	<19	<0.38	<0.38	<0.38	<1.9	<7.7	<3.8	<0.38	<0.38	<0.38	<0.38	<1.9	<0.38	<0.38	<0.38	<0.77
Chlorobenzene			<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<3.9	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<19	<19	<0.39	<0.39	<0.39	<1.9	<7.7	<3.9	<0.39	<0.39	<0.39	<0.39	<1.9	<0.39	2.1	<0.39	<0.77
Chloroethane	*80*	**400**	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<5.1	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<25	<25	<0.51	<0.51	<0.51	<2.5	<10	<5.1	<0.51	<0.51	<0.51	<0.51	<2.5	<0.51	<0.51	<0.51	<1.0
Chloroform	*0.6*	**6**	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<3.7	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<19	<19	<0.37	<0.37	<0.37	<1.9	<7.4	<3.7	<0.37	<0.37	<0.37	<0.37	<1.9	<0.37	<0.37	<0.37	<0.74
Chloromethane	*0.3*	**3**	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<3.2	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<16	<16	<0.32	<0.32	<0.32	<1.6	<6.4	<3.2	<0.32	<0.32	<0.32	<0.32	<1.6	<0.32	<0.32	<0.32	<0.64
cis-1,2-Dichloroethene	*7*	**70**	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<4.1	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<20	<20	<0.41	<0.41	<0.41	<2.0	<8.2	<4.1	<0.41	<0.41	<0.41	<0.41	<2.0	<0.41	<0.41	<0.41	<0.82
cis-1,3-Dichloropropene			<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<4.2	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<21	<21	<0.42	<0.42	<0.42	<2.1	<8.3	<4.2	<0.42	<0.42	<0.42	<0.42	<2.1	<0.42	<0.42	<0.42	<0.83
Dibromochloromethane			<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<4.9	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<24	<24	<0.49	<0.49	<0.49	<2.4	<9.8	<4.9	<0.49	<0.49	<0.49	<0.49	<2.4	<0.49	<0.49	<0.49	<0.98
Dibromomethane			<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<2.7	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<14	<14	<0.27	<0.27	<0.27	<1.4	<5.4	<2.7	<0.27	<0.27	<0.27	<0.27	<1.4	<0.27	<0.27	<0.27	<0.54
Dichlorodifluoromethane	*200*	**1000**	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<6.7	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<34	<34	<0.67	<0.67	<0.67	<3.4	<13	<6.7	<0.67	<0.67	<0.67	<0.67	<3.4	<0.67	<0.67	<0.67	<1.3
Ethylbenzene	*140*	**700**	<0.18	26	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	*520*	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	*460*	*470*	<0.18	<0.18	<0.18	90	120	120	<0.18	<0.18	<0.18	<0.18	41	<0.18	<0.18	<0.18	48
Hexachlorobutadiene			<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<4.5	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<22	<22	<0.45	<0.45	<0.45	<2.2	<8.9	<4.5	<0.45	<0.45	<0.45	<0.45	<2.2	<0.45	<0.45	<0.45	<0.89
Isopropyl ether			<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<2.8	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<14	<14	<0.28	<0.28	<0.28	<1.4	<5.5	<2.8	<0.28	<0.28	<0.28	<0.28	<1.4	<0.28	<0.28	<0.28	<0.55
Isopropylbenzene			<0.39	3.3	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	26	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	28J	25 J	<0.39	<0.39	<0.39	14	14 J	<3.9	<0.39	<0.39	<0.39	<0.39	20	<0.39	<0.39	<0.39	15
Methyl tert-butyl ether	*12*	**60**	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<3.9	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<20	<20	<0.39	<0.39	<0.39	<2.0	<7.9	<3.9	<0.39	<0.39	<0.39	<0.39	<2.0	<0.39	<0.39	<0.39	<0.79
Methylene Chloride	*0.5*	**5**	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	**6.3**	**57**	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	**6.9**	<82	<82	<1.6	<1.6	<1.6	**29**	<33	<16	<1.6	<1.6	<1.6	<1.6	<8.2	<1.6	<1.6	<1.6	<3.3
Naphthalene	*10*	**100**	NA	NA	<0.34	<0.34	NA	NA	NA	<0.34	NA	NA	NA	NA	NA	<0.34	NA	<0.34	NA	NA	<0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene			<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<3.9	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<19	<19	<0.39	<0.39	<0.39	<1.9	<7.8	<3.9	<0.39	<0.39	<0.39	<0.39	<1.9	<0.39	<0.39	<0.39	<0.78
N-Propylbenzene			<0.41	1.3	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	9.5 J	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<21	<21	<0.41	<0.41	<0.41	<2.1	<8.3	<4.1	<0.41	<0.41	<0.41	<0.41	3.9 J	<0.41	<0.41	<0.41	4.3
p-Isopropyltoluene			<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<3.6	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<18	<18	<0.36	<0.36	<0.36	<1.8	<7.2	<3.6	<0.36	<0.36	<0.36	<0.36	<1.8	<0.36	<0.36	<0.36	<0.72
sec-Butylbenzene			<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<4.0	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<20	<20	<0.40	<0.40	<0.40	<2.0	<8.0	<4.0	<0.40	<0.40	<0.40	<0.40	<2.0	<0.40	<0.40	<0.40	<0.80
Styrene	*10*	**100**	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<3.9	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	**140**	**130**	<0.39	<0.39	<0.39	<1.9	<7.7	<3.9	<0.39	<0.39	<0.39	<0.39	<1.9	<0.39	<0.39	<0.39	<0.77
tert-Butylbenzene			<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	4.4 J	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<20	<20	<0.40	<0.40	<0.40	<2.0	<8.0	<4.0	<0.40	<0.40	<0.40	<0.40	<2.0	<0.40	<0.40	<0.40	3.7
Tetrachloroethene	*0.5*	**5**	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<3.7	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<19	<19	<0.37	<0.37	<0.37	<1.9	<7.4	<3.7	<0.37	<0.37	<0.37	<0.37	<1.9	<0.37	<0.37	<0.37	<0.74
Toluene	*200*	**1000**	<0.15	1.6	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	81	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	**4400**	**4500**	<0.15	<0.15	<0.15	1.9 J	140	*280*	<0.15	<0.15	<0.15	<0.15	1.7 J	<0.15	<0.15	<0.15	1.2
trans-1,2-Dichloroethene	*20*	**100**	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<3.5	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<17	<17	<0.35	<0.35	<0.35	<1.7	<7.0	<3.5	<0.35	<0.35	<0.35	<0.35	<1.7	<0.35	<0.35	<0.35	<0.70
trans-1,3-Dichloropropene			<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<3.6	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<18	<18	<0.36	<0.36	<0.36	<1.8	<7.2	<3.6	<0.36	<0.36	<0.36	<0.36	<1.8	<0.36	<0.36	<0.36	<0.72
Trichloroethene	*0.5*	**5**	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<1.6	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<8.2	<8.2	<0.16	<0.16	<0.16	<0.82	<3.3	<1.6	<0.16	<0.16	<0.16	<0.16	<0.82	<0.16	<0.16	<0.16	<0.33
Trichlorofluoromethane			<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<4.3	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<21	<21	<0.43	<0.43	<0.43	<2.1	<8.5	<4.3	<0.43	<0.43	<0.43	<0.43	<2.1	<0.43	<0.43	<0.43	<0.85
Vinyl chloride	*0.02*	**0.2**	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<10	<10	<0.20	<0.20	<0.20	<1.0	<4.1	<2.0	<0.20	<0.20	<0.20	<0.20	<1.0	<0.20	<0.20	<0.20	<0.41
Xylenes, Total	*1000*	**10000**	<0.22	6.9	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	*1400*	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	*2900*	*2900*	<0.22	<0.22	<0.22	7.4	500	670	<0.22	<0.22	<0.22	<0.22	43	<0.22	<0.22	<0.22	25

Italic: Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

	WDNR NR140		Units	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101 DUP
	PAL	ES		12/29/11	3/8/13	9/12/13	3/27/14	7/11/14	10/16/14	1/21/15	4/8/15	6/22/17	12/28/11	3/11/13	9/12/13	3/27/14	7/11/14	10/16/14	1/21/15	4/8/15	6/16/17	12/22/11	3/11/13	9/12/13	3/26/14	7/11/14	10/16/14	1/21/15	4/8/15	6/20/17	6/20/17
1,1,1,2-Tetrachloroethane	*7*	**70**	ug/L	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.46	<0.50	<2.5	<1.3	<2.5	<2.5	<2.5	<1.3	<1.3	<0.46	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.46	<0.46
1,1,1-Trichloroethane	*40*	**200**	ug/L	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.38	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<1.0	<1.0	<0.38	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.38	<0.38
1,1,2,2-Tetrachloroethane	*0.02*	**0.2**	ug/L	<0.20	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.40	<0.40	<2.3	<1.2	<2.3	<2.3	<2.3	<1.2	<1.2	<0.40	<0.20	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.40	<0.40
1,1,2-Trichloroethane	*0.5*	**5**	ug/L	<0.25	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.35	<0.50	<2.8	<1.4	<2.8	<2.8	<2.8	<1.4	<1.4	<0.35	<0.25	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.35	<0.35
1,1-Dichloroethane	*85*	**850**	ug/L	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.41	<1.0	<1.9	<0.95	<1.9	<1.9	<1.9	<0.95	<0.95	<0.41	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.41	<0.41
1,1-Dichloroethene	*0.7*	**7**	ug/L	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.39	<1.0	<3.1	<1.6	<3.1	<3.1	<3.1	<1.6	<1.6	<0.39	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.39	<0.39
1,1-Dichloropropene			ug/L	<0.50	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.30	<1.0	<3.4	<1.7	<3.4	<3.4	<3.4	<1.7	<1.7	<0.30	<0.50	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.30	<0.30
1,2,3-Trichlorobenzene			ug/L	<0.25	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.46	<0.50	<2.4	<1.2	<2.4	<2.4	<2.4	<1.2	<1.2	<0.46	<0.25	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.46	<0.46
1,2,3-Trichloropropane	*12*	**60**	ug/L	<0.50	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.41	<1.0	<4.5	<2.3	<4.5	<4.5	<4.5	<2.3	<2.3	<0.41	<0.50	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.41	<0.41
1,2,4-Trichlorobenzene	*14*	**70**	ug/L	<0.25	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.34	<0.50	<3.1	<1.6	<3.1	<3.1	<3.1	<1.6	<1.6	<0.34	<0.25	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.34	<0.34
1,2,4-Trimethylbenzene	*96*	**480**	ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.36	*210*	*130*	*160*	*180*	*180*	*110*	*190*	*180*	16	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.36	<0.36
1,2-Dibromo-3-Chloropropane	*0.02*	**0.2**	ug/L	<0.50	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<2.0	<1.0	<8.7	<4.4	<8.7	<8.7	<8.7	<4.4	<4.4	<2.0	<0.50	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<2.0	<2.0
1,2-Dibromoethane (EDB)	*0.005*	**0.05**	ug/L	<0.20	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.39	<0.40	<3.6	<1.8	<3.6	<3.6	<3.6	<1.8	<1.8	<0.39	<0.20	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.39	<0.39
1,2-Dichlorobenzene	*60*	**600**	ug/L	<0.20	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.33	<0.40	<2.7	<1.4	<2.7	<2.7	<2.7	<1.4	<1.4	<0.33	<0.20	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.33	<0.33
1,2-Dichloroethane	*0.5*	**5**	ug/L	<0.50	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.39	<1.0	<2.8	<1.4	<2.8	<2.8	<2.8	<1.4	<1.4	<0.39	<0.50	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.39	<0.39
1,2-Dichloropropane	*0.5*	**5**	ug/L	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.43	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<1.0	<1.0	<0.43	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.43	<0.43
1,3,5-Trimethylbenzene	*96*	**480**	ug/L	<0.20	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.25	34	25	9.2	68	34	20	48	40	<0.25	<0.20	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.25	<0.25
1,3-Dichlorobenzene	*125*	**1250**	ug/L	<0.20	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<0.40	<1.5	<0.75	<1.5	<1.5	<1.5	<0.75	<0.75	<0.40	<0.20	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<0.40
1,3-Dichloropropane	*0.02*	**0.2**	ug/L	<0.25	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.36	<0.50	<1.3	<0.65	<1.3	<1.3	<1.3	<0.65	<0.65	<0.36	<0.25	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.36	<0.36
1,4-Dichlorobenzene	*15*	**75**	ug/L	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.36	<1.0	<1.5	<0.75	<1.5	<1.5	<1.5	<0.75	<0.75	<0.36	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.36	<0.36
2,2-Dichloropropane			ug/L	<0.50	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.44	<1.0	<3.2	<1.6	<3.2	<3.2	<3.2	<1.6	<1.6	<0.44	<0.50	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.44	<0.44
2-Chlorotoluene			ug/L	<0.50	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.31	<1.0	<2.1	<1.1	<2.1	<2.1	<2.1	<1.1	<1.1	<0.31	<0.50	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.31	<0.31
4-Chlorotoluene			ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.35	<0.40	<2.0	<1.0	<2.0	<2.0	<2.0	<1.0	<1.0	<0.35	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.35	<0.35
Benzene	*0.5*	**5**	ug/L	<0.20	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.15	**110**	**54**	**100**	**85**	**72**	**34**	**52**	**45**	**13**	<0.20	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.15	<0.15
Bromobenzene			ug/L	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.36	<0.40	<2.5	<1.3	<2.5	<2.5	<2.5	<1.3	<1.3	<0.36	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.36	<0.36
Bromochloromethane			ug/L	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.43	<1.0	<4.0	<2.0	<4.0	<4.0	<4.0	<2.0	<2.0	<0.43	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.43	<0.43
Bromodichloromethane	*0.06*	**0.6**	ug/L	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<0.40	<1.7	<0.85	<1.7	<1.7	<1.7	<0.85	<0.85	<0.37	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<0.37
Bromoform	*0.44*	**4.4**	ug/L	<0.20	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.48	<0.40	<2.8	<1.4	<2.8	<2.8	<2.8	<1.4	<1.4	<0.48	<0.20	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.48	<0.48
Bromomethane	*1*	**10**	ug/L	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.80	<1.0	<3.1	<1.6	<3.1	<3.1	<3.1	<1.6	<1.6	<0.80	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.80 *	<0.80 *
Carbon tetrachloride	*0.5*	**5**	ug/L	<0.80	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.38	<1.6	<2.6	<1.3	<2.6	<2.6	<2.6	<1.3	<1.3	<0.38	<0.80	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.38	<0.38
Chlorobenzene			ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<0.40	<1.4	<0.70	<1.4	<1.4	<1.4	<0.70	<0.70	<0.39	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39
Chloroethane	*80*	**400**	ug/L	<1.0	<0.20	<0.34	<0.20	<0.34	<0.34	<0.34	<0.34	<0.51	<2.0	<2.0	<1.7	<2.0	<3.4	<3.4	<1.7	<1.7	<0.51	<1.0	<0.20	<0.20	<0.20	<0.34	<0.34	<0.34	<0.34	<0.51	<0.51
Chloroform	*0.6*	**6**	ug/L	<0.20	<0.18	<0.20	<0.18	<0.20	<0.20	<0.20	<0.20	<0.37	<0.40	<1.8	<1.0	<1.8	<2.0	<2.0	<1.0	<1.0	<0.37	<0.20	<0.18	<0.18	<0.18	<0.20	<0.20	<0.20	<0.20	<0.37	<0.37
Chloromethane	*0.3*	**3**	ug/L	<0.30	<0.12	<0.18	<0.12	<0.18	<0.18	<0.18	<0.18	<0.32	<0.60	<1.2	<0.90	<1.2	<1.8	<1.8	73 B	<0.90	<0.32	<0.30	<0.12	<0.12	<0.12	<0.18	<0.18	13 B	<0.18	<0.32	<0.32
cis-1,2-Dichloroethene	*7*	**70**	ug/L	<0.50	<0.18	<0.12	<0.18	<0.12	<0.12	<0.12	<0.12	<0.41	<1.0	<1.8	<0.60	<1.8	<1.2	<1.2	<0.60	<0.60	<0.41	<0.50	<0.18	<0.18	<0.18	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41
cis-1,3-Dichloropropene			ug/L	<0.20	<0.32	<0.18	<0.32	<0.18	<0.18	<0.18	<0.18	<0.42	<0.40	<3.2	<0.90	<3.2	<1.8	<1.8	<0.90	<0.90	<0.42	<0.20	<0.32	<0.32	<0.32	<0.18	<0.18	<0.18	<0.18	<0.42	<0.42
Dibromochloromethane			ug/L	<0.20	<0.34	<0.32	<0.34	<0.32	<0.32	<0.32	<0.32	<0.49	<0.40	<3.4	<1.6	<3.4	<3.2	<3.2	<1.6	<1.6	<0.49	<0.20	<0.34	<0.34	<0.34	<0.32	<0.32	<0.32	<0.32	<0.49	<0.49
Dibromomethane			ug/L	<0.20	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.27	<0.40	<3.3	<1.7	<3.3	<3.3	<3.3	<1.7	<1.7	<0.27	<0.20	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.27	<0.27
Dichlorodifluoromethane	*200*	**1000**	ug/L	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.67	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<1.0	<1.0	<0.67	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.67	<0.67
Ethylbenzene	*140*	**700**	ug/L	<0.50	<0.13	<0.13	<0.13	<0.13	<0.13	0.32 J	<0.13	<0.18	*180*	85	130	120	120	81	120	120	26	<0.50	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.18	<0.18
Hexachlorobutadiene			ug/L	<0.50	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.45	<1.0	<2.6	<1.3	<2.6	<2.6	<2.6	<1.3	<1.3	<0.45	<0.50	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.45	<0.45
Isopropyl ether			ug/L	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.28	<1.0	<1.5	<0.75	<1.5	<1.5	<1.5	<0.75	<0.75	<0.28	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.28	<0.28
Isopropylbenzene			ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	18	8.6 J	12	12	11	8.5 J	13	10	3.3	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39
Methyl tert-butyl ether	*12*	**60**	ug/L	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.39	<1.0	<2.4	<1.2	<2.4	<2.4	<2.4	<1.2	<1.2	<0.39	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.39	<0.39
Methylene Chloride	*0.5*	**5**	ug/L	<1.0	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<1.6	<2.0	<6.8	<3.4	<6.8	<6.8	<6.8	<3.4	**83**	<1.6	<1.0	<0.68	<0.68	<0.68	<0.68	7.3	<0.68	<0.68	<1.6	<1.6
Naphthalene	*10*	**100**	ug/L	0.43 J	<0.16	<0.16	<0.16	0.85	<0.23	NA	NA	NA	**5800**	**2600**	**3300**	**4100**	**2300**	**4600**	NA	NA	NA	<0.25	<0.16	<0.16	<0.16	0.31	4	NA	NA	<0.34	<0.34
n-Butylbenzene			ug/L	<0.20	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.39	<0.40	<1.3	<0.65	<1.3	<1.3	<1.3	<0.65	<0.65	<0.39	<0.20	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.39	<0.39
N-Propylbenzene			ug/L	<0.50	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.41	6	<1.3	4.3 J	<1.3	<1.3	<1.3	<0.65	3.4 J	1.3	<0.50	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.41	<0.41
p-Isopropyltoluene			ug/L	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.36	<0.40	5.2 J	<0.85	<1.7	<1.7	<1.7	<0.85	<0.85	<0.36	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.36	<0.36
sec-Butylbenzene			ug/L	<0.25	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<0.50	<1.5	<0.75	<1.5	<1.5	<1.5	<0.75	<0.75	<0.40	<0.25	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<0.40
Styrene	*10*	**100**	ug/L	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.39	*14*	6.6 J	<0.50	*17*	*17*	<1.0	<0.50	<0.50	<0.39	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.39	<0.39
tert-Butylbenzene			ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.40	<0.40	<1.4	<0.70	<1.4	<1.4	<1.4	<0.70	<0.70	<0.40	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.40	<0.40
Tetrachloroethene	*0.5*	**5**	ug/L	<0.50	0.68 J	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<1.0	<1.7	<0.85	<1.7	<1.7	<1.7	<0.85	<0.85	<0.37	<0.50	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<0.37
Toluene	*200*	**1000**	ug/L	<0.50	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.15	53	32	30	100	54	23	51	32	1.6	<0.50	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.15	<0.15
trans-1,2-Dichloroethene	*20*	**100**	ug/L	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.35	<1.0	<2.5	<1.3	<2.5	<2.5	<2.5	<1.3	<1.3	<0.35	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35
trans-1,3-Dichloropropene			ug/L	<0.20	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.36	<0.40	<2.1	<1.1	<2.1	<2.1	<2.1	<1.1	<1.1	<0.36	<0.20	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.36	<0.36
Trichloroethene	*0.5*	**5**	ug/L	<0.20	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.16	<0.40	<1.9	<0.95	<1.9	<1.9	<1.9	<0.95	<0.95	<0.16	<0.20	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.16	<0.16
Trichlorofluoromethane			ug/L	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.43	<1.0	<1.9	<0.95	<1.9	<1.9	<1.9	<0.95	<0.95	<0.43	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.43	<0.43
Vinyl chloride	*0.02*	**0.2**	ug/L	<0.20	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<0.40	<1.0	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	<0.20	<0.20	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20
Xylenes, Total	*1000*	**10000**	ug/L	<0.50	<0.068	<0.068	0.88 J	<0.068	<0.068	1.7	1.5	<0.22	470	310	240	700	530	180	470	440	6.9	<0.50	<0.068	0.41 J	<0.068	<0.068	<0.068	<0.068	<0.068	<0.22	<0.22

Wells MW-106, -109 and -114 not sampled due to DNAPL

Italic : Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

	WDNR NR140		Units	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102	P-103	P-103 Dup	P-103	P-103	P-103	P-103	P-103	P-103	P-103	P-103	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104
	PAL	ES		12/21/11	3/7/13	9/12/13	3/26/14	7/11/14	10/15/14	1/21/15	4/7/15	6/22/17	12/22/11	12/22/11	3/7/13	9/12/13	3/26/14	7/11/14	10/15/14	1/21/15	4/7/15	6/22/17	12/21/11	3/7/13	9/12/13	3/26/14	7/11/14	10/15/14	1/21/15	4/7/15	6/22/17
1,1,1,2-Tetrachloroethane	*7*	**70**	ug/L	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.46	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.46	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.46
1,1,1-Trichloroethane	*40*	**200**	ug/L	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.38	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.38	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.38
1,1,2,2-Tetrachloroethane	*0.02*	**0.2**	ug/L	<0.20	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.40	<0.20	<0.20	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.40	<0.20	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.40
1,1,2-Trichloroethane	*0.5*	**5**	ug/L	<0.25	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.35	<0.25	<0.25	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.35	<0.25	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.35
1,1-Dichloroethane	*85*	**850**	ug/L	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.41	<0.50	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.41	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.41
1,1-Dichloroethene	*0.7*	**7**	ug/L	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.39	<0.50	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.39	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.39
1,1-Dichloropropene			ug/L	<0.50	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.30	<0.50	<0.50	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.30	<0.50	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.30
1,2,3-Trichlorobenzene			ug/L	<0.25	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.46	<0.25	<0.25	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.46	<0.25	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.46
1,2,3-Trichloropropane	*12*	**60**	ug/L	<0.50	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.41	<0.50	<0.50	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.41	<0.50	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.41
1,2,4-Trichlorobenzene	*14*	**70**	ug/L	<0.25	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.34	<0.25	<0.25	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.34	<0.25	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.34
1,2,4-Trimethylbenzene	*96*	**480**	ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.36	<0.20	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.36	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.36
1,2-Dibromo-3-Chloropropane	*0.02*	**0.2**	ug/L	<0.50	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<2.0	<0.50	<0.50	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<2.0	<0.50	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<2.0
1,2-Dibromoethane (EDB)	*0.005*	**0.05**	ug/L	<0.20	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.39	<0.20	<0.20	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.39	<0.20	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.39
1,2-Dichlorobenzene	*60*	**600**	ug/L	<0.20	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.33	<0.20	<0.20	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.33	<0.20	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.33
1,2-Dichloroethane	*0.5*	**5**	ug/L	<0.50	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.39	<0.50	<0.50	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.39	<0.50	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.39
1,2-Dichloropropane	*0.5*	**5**	ug/L	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.43	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.43	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.43
1,3,5-Trimethylbenzene	*96*	**480**	ug/L	<0.20	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.25	<0.20	<0.20	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.25	<0.20	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.25
1,3-Dichlorobenzene	*125*	**1250**	ug/L	<0.20	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<0.20	<0.20	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<0.20	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40
1,3-Dichloropropane	*0.02*	**0.2**	ug/L	<0.25	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.36	<0.25	<0.25	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.36	<0.25	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.36
1,4-Dichlorobenzene	*15*	**75**	ug/L	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.36	<0.50	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.36	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.36
2,2-Dichloropropane			ug/L	<0.50	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.44	<0.50	<0.50	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.44	<0.50	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.44
2-Chlorotoluene			ug/L	<0.50	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.31	<0.50	<0.50	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.31	<0.50	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.31
4-Chlorotoluene			ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.35	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.35	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.35
Benzene	*0.5*	**5**	ug/L	<0.20	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.15	<0.20	<0.20	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.15	<0.20	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.15
Bromobenzene			ug/L	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.36	<0.20	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.36	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.36
Bromochloromethane			ug/L	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.43	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.43	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.43
Bromodichloromethane	*0.06*	**0.6**	ug/L	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<0.20	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37
Bromoform	*0.44*	**4.4**	ug/L	<0.20	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.48	<0.20	<0.20	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.48	<0.20	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.48
Bromomethane	*1*	**10**	ug/L	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.80	<0.50	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.80	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.80
Carbon tetrachloride	*0.5*	**5**	ug/L	<0.80	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.38	<0.80	<0.80	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.38	<0.80	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.38
Chlorobenzene			ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<0.20	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39
Chloroethane	*80*	**400**	ug/L	<1.0	<0.20	<0.34	<0.20	<0.34	<0.34	<0.34	<0.34	<0.51	<1.0	<1.0	<0.20	<0.34	<0.20	<0.34	<0.34	<0.34	<0.34	<0.51	<1.0	<0.20	<0.34	<0.20	<0.34	<0.34	<0.34	<0.34	<0.34	<0.51
Chloroform	*0.6*	**6**	ug/L	<0.20	<0.18	<0.20	<0.18	<0.20	<0.20	<0.20	<0.20	<0.37	<0.20	<0.20	<0.18	<0.20	<0.18	<0.20	<0.20	<0.20	<0.20	<0.37	<0.20	<0.18	<0.20	<0.18	<0.20	<0.20	<0.20	<0.20	<0.20	<0.37
Chloromethane	*0.3*	**3**	ug/L	<0.30	<0.12	<0.18	<0.12	<0.18	<0.18	<0.18	<0.18	<0.32	<0.30	<0.30	<0.12	<0.18	<0.12	<0.18	<0.18	14 B	<0.18	<0.32	<0.30	<0.12	<0.18	<0.12	<0.18	<0.18	20 B	<0.18	<0.32
cis-1,2-Dichloroethene	*7*	**70**	ug/L	<0.50	<0.18	<0.12	<0.18	<0.12	<0.12	<0.12	<0.12	<0.41	<0.50	<0.50	<0.18	<0.12	<0.18	<0.12	<0.12	<0.12	<0.12	<0.41	<0.50	<0.18	<0.12	<0.18	<0.12	<0.12	<0.12	<0.12	<0.12	<0.41
cis-1,3-Dichloropropene			ug/L	<0.20	<0.32	<0.18	<0.32	<0.18	<0.18	<0.18	<0.18	<0.42	<0.20	<0.20	<0.32	<0.18	<0.32	<0.18	<0.18	<0.18	<0.18	<0.42	<0.20	<0.32	<0.18	<0.32	<0.18	<0.18	<0.18	<0.18	<0.18	<0.42
Dibromochloromethane			ug/L	<0.20	<0.34	<0.32	<0.34	<0.32	<0.32	<0.32	<0.32	<0.49	<0.20	<0.20	<0.34	<0.32	<0.34	<0.32	<0.32	<0.32	<0.32	<0.49	<0.20	<0.34	<0.32	<0.34	<0.32	<0.32	<0.32	<0.32	<0.32	<0.49
Dibromomethane			ug/L	<0.20	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.27	<0.20	<0.20	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.27	<0.20	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.27
Dichlorodifluoromethane	*200*	**1000**	ug/L	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.67	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.67	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.67
Ethylbenzene	*140*	**700**	ug/L	<0.50	<0.13	<0.13	0.46 J	<0.13	<0.13	0.32 J	0.19 J	<0.18	<0.50	<0.50	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.18	<0.50	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.18
Hexachlorobutadiene			ug/L	<0.50	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.45	<0.50	<0.50	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.45	<0.50	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.45
Isopropyl ether			ug/L	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.28	<0.50	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.28	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.28
Isopropylbenzene			ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<0.20	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39
Methyl tert-butyl ether	*12*	**60**	ug/L	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.39	<0.50	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.39	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.39
Methylene Chloride	*0.5*	**5**	ug/L	<1.0	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<1.6	<1.0	<1.0	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<1.6	<1.0	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<1.6
Naphthalene	*10*	**100**	ug/L	<0.25	<0.16	<0.16	<0.16	0.42	1.3	NA	NA	NA	<0.25	<0.25	<0.16	<0.16	<0.16	<0.23	2.6	NA	NA	NA	<0.25	<0.16	<0.16	<0.16	4.6	<0.23	NA	NA	NA
n-Butylbenzene			ug/L	<0.20	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.39	<0.20	<0.20	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.39	<0.20	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.39
N-Propylbenzene			ug/L	<0.50	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.41	<0.50	<0.50	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.41	<0.50	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.41
p-Isopropyltoluene			ug/L	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.36	<0.20	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.36	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.36
sec-Butylbenzene			ug/L	<0.25	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<0.25	<0.25	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<0.25	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40
Styrene	*10*	**100**	ug/L	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.39	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.39	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.39
tert-Butylbenzene			ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.40	<0.20	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.40	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.40
Tetrachloroethene	*0.5*	**5**	ug/L	<0.50	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<0.50	<0.50	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<0.50	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37
Toluene	*200*	**1000**	ug/L	<0.50	<0.11	<0.11	<0.11	<0.11	<0.11	0.25 J	<0.11	<0.15	<0.50	<0.50	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.15	<0.50	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	0.26 J	<0.15
trans-1,2-Dichloroethene	*20*	**100**	ug/L	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.35	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.35	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.35
trans-1,3-Dichloropropene			ug/L	<0.20	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.36	<0.20	<0.20	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.36	<0.20	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.36
Trichloroethene	*0.5*	**5**	ug/L	<0.20	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.16	<0.20	<0.20	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.16	<0.20	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.16
Trichlorofluoromethane			ug/L	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.43	<0.50	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.43	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.43
Vinyl chloride	*0.02*	**0.2**	ug/L	<0.20	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	<0.20	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20
Xylenes, Total	*1000*	**10000**	ug/L	<0.50	<0.068	<0.068	1.9	<0.068	1	2	1.3	<0.22	<0.50	<0.50	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.22	<0.50	<0.068	<0.068	0.38 J	<0.068	1	1.2	0.64 J	<0.22

Wells MW-106, -109 and -114 not sampled due to DNAPL

Italic : Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

	WDNR NR140		Units	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105	MW-107	MW-107	MW-107 Dup	MW-107	MW-107 Dup	MW-107	MW-107	MW-107	MW-107 Dup	MW-107	MW-107 Dup	MW-107	MW-107 Dup	MW-107
	PAL	ES		12/21/11	3/7/13	9/12/13	3/26/14	7/11/14	10/15/14	1/21/15	4/7/15	6/20/17	12/22/11	3/13/13	3/13/13	9/12/13	9/12/13	3/27/14	7/11/14	10/15/14	10/15/14	1/21/15	1/21/15	4/8/15	4/8/15	6/20/17
1,1,1,2-Tetrachloroethane	*7*	**70**	ug/L	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.46	<25	<5.0	<5.0	<5.0	<5.0	<13	<5.0	<5.0	<5.0	<2.5	<2.5	<2.5	<2.5	<4.6
1,1,1-Trichloroethane	*40*	**200**	ug/L	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.38	<50	<4.0	<4.0	<4.0	<4.0	<10	<4.0	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<3.8
1,1,2,2-Tetrachloroethane	*0.02*	**0.2**	ug/L	<0.20	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.40	<20	<4.6	<4.6	<4.6	<4.6	<12	<4.6	<4.6	<4.6	<2.3	<2.3	<2.3	<2.3	<4.0
1,1,2-Trichloroethane	*0.5*	**5**	ug/L	<0.25	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.35	<25	<5.6	<5.6	<5.6	<5.6	<14	<5.6	<5.6	<5.6	<2.8	<2.8	<2.8	<2.8	<3.5
1,1-Dichloroethane	*85*	**850**	ug/L	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.41	<50	<3.8	<3.8	<3.8	<3.8	<9.5	<3.8	<3.8	<3.8	<1.9	<1.9	<1.9	<1.9	<4.1
1,1-Dichloroethene	*0.7*	**7**	ug/L	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.39	<50	<6.2	<6.2	<6.2	<6.2	<16	<6.2	<6.2	<6.2	<3.1	<3.1	<3.1	<3.1	<3.9
1,1-Dichloropropene			ug/L	<0.50	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.30	<50	<6.8	<6.8	<6.8	<6.8	<17	<6.8	<6.8	<6.8	<3.4	<3.4	<3.4	<3.4	<3.0
1,2,3-Trichlorobenzene			ug/L	<0.25	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.46	<25	<4.8	<4.8	<4.8	<4.8	<12	<4.8	<4.8	<4.8	<2.4	<2.4	<2.4	<2.4	<4.6
1,2,3-Trichloropropane	*12*	**60**	ug/L	<0.50	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.41	<50	<9.0	<9.0	<9.0	<9.0	<23	<9.0	<9.0	<9.0	<4.5	<4.5	<4.5	<4.5	<4.1
1,2,4-Trichlorobenzene	*14*	**70**	ug/L	<0.25	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.34	<25	<6.2	<6.2	<6.2	<6.2	<16	<6.2	<6.2	<6.2	<3.1	<3.1	<3.1	<3.1	<3.4
1,2,4-Trimethylbenzene	*96*	**480**	ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.36	*310*	*260*	*250*	*340*	*340*	*310*	*360*	*330*	*360*	*300*	*290*	*250*	*270*	*330*
1,2-Dibromo-3-Chloropropane	*0.02*	**0.2**	ug/L	<0.50	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<2.0	<50	<17	<17	<17	<17	<44	<17	<17	<17	<8.7	<8.7	<8.7	<8.7	<20
1,2-Dibromoethane (EDB)	*0.005*	**0.05**	ug/L	<0.20	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.39	<20	<7.2	<7.2	<7.2	<7.2	<18	<7.2	<7.2	<7.2	<3.6	<3.6	<3.6	<3.6	<3.9
1,2-Dichlorobenzene	*60*	**600**	ug/L	<0.20	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.33	<20	<5.4	<5.4	<5.4	<5.4	<14	<5.4	<5.4	<5.4	<2.7	<2.7	<2.7	<2.7	<3.3
1,2-Dichloroethane	*0.5*	**5**	ug/L	<0.50	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.39	<50	<5.6	<5.6	<5.6	<5.6	<14	<5.6	<5.6	<5.6	<2.8	<2.8	<2.8	<2.8	<3.9
1,2-Dichloropropane	*0.5*	**5**	ug/L	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.43	<50	<4.0	<4.0	<4.0	<4.0	<10	<4.0	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<4.3
1,3,5-Trimethylbenzene	*96*	**480**	ug/L	<0.20	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.25	*140*	78	77	88	91	*120*	*120*	83	91	71	71	62	67	86
1,3-Dichlorobenzene	*125*	**1250**	ug/L	<0.20	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<20	<3.0	<3.0	<3.0	<3.0	<7.5	<3.0	<3.0	<3.0	<1.5	<1.5	<1.5	<1.5	<4.0
1,3-Dichloropropane	*0.02*	**0.2**	ug/L	<0.25	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.36	<25	<2.6	<2.6	<2.6	<2.6	<6.5	<2.6	<2.6	<2.6	<1.3	<1.3	<1.3	<1.3	<3.6
1,4-Dichlorobenzene	*15*	**75**	ug/L	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.36	<50	<3.0	<3.0	<3.0	<3.0	<7.5	<3.0	<3.0	<3.0	<1.5	<1.5	<1.5	<1.5	<3.6
2,2-Dichloropropane			ug/L	<0.50	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.44	<50	<6.4	<6.4	<6.4	<6.4	<16	<6.4	<6.4	<6.4	<3.2	<3.2	<3.2	<3.2	<4.4
2-Chlorotoluene			ug/L	<0.50	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.31	<50	<4.2	<4.2	<4.2	<4.2	<11	<4.2	<4.2	<4.2	<2.1	<2.1	<2.1	<2.1	<3.1
4-Chlorotoluene			ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.35	<20	<4.0	<4.0	<4.0	<4.0	<10	<4.0	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<3.5
Benzene	*0.5*	**5**	ug/L	<0.20	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.15	**2200**	**2100**	**2100**	**2900**	**2800**	**2900**	**2700**	**2400**	**2500**	**2300**	**2200**	**2800**	**2800**	**1700**
Bromobenzene			ug/L	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.36	<20	<5.0	<5.0	<5.0	<5.0	<13	<5.0	<5.0	<5.0	<2.5	<2.5	<2.5	<2.5	<3.6
Bromochloromethane			ug/L	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.43	<50	<8.0	<8.0	<8.0	<8.0	<20	<8.0	<8.0	<8.0	<4.0	<4.0	<4.0	<4.0	<4.3
Bromodichloromethane	*0.06*	**0.6**	ug/L	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<20	<3.4	<3.4	<3.4	<3.4	<8.5	<3.4	<3.4	<3.4	<1.7	<1.7	<1.7	<1.7	<3.7
Bromoform	*0.44*	**4.4**	ug/L	<0.20	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.48	<20	<5.6	<5.6	<5.6	<5.6	<14	<5.6	<5.6	<5.6	<2.8	<2.8	<2.8	<2.8	<4.8
Bromomethane	*1*	**10**	ug/L	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.80 *	<50	<6.2	<6.2	<6.2	<6.2	<16	<6.2	<6.2	<6.2	<3.1	<3.1	<3.1	<3.1	<8.0 *
Carbon tetrachloride	*0.5*	**5**	ug/L	<0.80	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.38	<80	<5.2	<5.2	<5.2	<5.2	<13	<5.2	<5.2	<5.2	<2.6	<2.6	<2.6	<2.6	<3.8
Chlorobenzene			ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<20	<2.8	<2.8	<2.8	<2.8	<7.0	<2.8	<2.8	<2.8	<1.4	<1.4	<1.4	<1.4	<3.9
Chloroethane	*80*	**400**	ug/L	<1.0	<0.20	<0.34	<0.20	<0.34	<0.34	<0.34	<0.34	<0.51	<100	<4.0	<4.0	<6.8	<6.8	<10	<6.8	<6.8	<6.8	<3.4	<3.4	<3.4	<3.4	<5.1
Chloroform	*0.6*	**6**	ug/L	<0.20	<0.18	<0.20	<0.18	<0.20	<0.20	<0.20	<0.20	<0.37	<20	<3.6	<3.6	<4.0	<4.0	<9.0	<4.0	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<3.7
Chloromethane	*0.3*	**3**	ug/L	<0.30	<0.12	<0.18	<0.12	<0.18	<0.18	19 B	<0.18	<0.32	<30	<2.4	<2.4	<3.6	<3.6	<6.0	<3.6	<3.6	<3.6	160 B	140 B	<1.8	<1.8	<3.2
cis-1,2-Dichloroethene	*7*	**70**	ug/L	<0.50	<0.18	<0.12	<0.18	<0.12	<0.12	<0.12	<0.12	<0.41	<50	<3.6	<3.6	<2.4	<2.4	<9.0	<2.4	<2.4	<2.4	<1.2	<1.2	<1.2	<1.2	<4.1
cis-1,3-Dichloropropene			ug/L	<0.20	<0.32	<0.18	<0.32	<0.18	<0.18	<0.18	<0.18	<0.42	<20	<6.4	<6.4	<3.6	<3.6	<16	<3.6	<3.6	<3.6	<1.8	<1.8	<1.8	<1.8	<4.2
Dibromochloromethane			ug/L	<0.20	<0.34	<0.32	<0.34	<0.32	<0.32	<0.32	<0.32	<0.49	<20	<6.8	<6.8	<6.4	<6.4	<17	<6.4	<6.4	<6.4	<3.2	<3.2	<3.2	<3.2	<4.9
Dibromomethane			ug/L	<0.20	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.27	<20	<6.6	<6.6	<6.6	<6.6	<17	<6.6	<6.6	<6.6	<3.3	<3.3	<3.3	<3.3	<2.7
Dichlorodifluoromethane	*200*	**1000**	ug/L	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.67	<50	<4.0	<4.0	<4.0	<4.0	<10	<4.0	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<6.7
Ethylbenzene	*140*	**700**	ug/L	<0.50	<0.13	<0.13	0.51	<0.13	<0.13	<0.13	<0.13	<0.18	*580*	*400*	*390*	*550*	*570*	*520*	*600*	*550*	*590*	*410*	*400*	*440*	*480*	*520*
Hexachlorobutadiene			ug/L	<0.50	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.45	<50	<5.2	<5.2	<5.2	<5.2	<13	<5.2	<5.2	<5.2	<2.6	<2.6	<2.6	<2.6	<4.5
Isopropyl ether			ug/L	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.28	<50	<3.0	<3.0	<3.0	<3.0	<7.5	<3.0	<3.0	<3.0	<1.5	<1.5	<1.5	<1.5	<2.8
Isopropylbenzene			ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	27	19 J	17 J	29	31	<7.0	33	28	32	19	19	17	19	26
Methyl tert-butyl ether	*12*	**60**	ug/L	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.39	<50	<4.8	<4.8	<4.8	<4.8	<12	<4.8	<4.8	<4.8	<2.4	<2.4	<2.4	<2.4	<3.9
Methylene Chloride	*0.5*	**5**	ug/L	<1.0	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	**6.3**	<100	<14	<14	<14	<14	<34	<14	150	130	<6.8	<6.8	**170**	**130**	**57**
Naphthalene	*10*	**100**	ug/L	<0.25	1.2	<0.16	<0.16	0.61	0.49 J	NA	NA	<0.34	**17000**	**9600**	**11000**	**15000**	**14000**	**14000**	**8900**	**13000**	**11000**	NA	NA	NA	NA	NA
n-Butylbenzene			ug/L	<0.20	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.39	<20	<2.6	<2.6	<2.6	<2.6	<6.5	<2.6	<2.6	<2.6	<1.3	<1.3	<1.3	<1.3	<3.9
N-Propylbenzene			ug/L	<0.50	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.41	<50	<2.6	<2.6	13 J	12 J	<6.5	13	11 J	13 J	<1.3	<1.3	5.9 J	7 J	9.5 J
p-Isopropyltoluene			ug/L	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.36	94	18 J	19 J	<3.4	<3.4	<8.5	<3.4	<3.4	<3.4	<1.7	<1.7	<1.7	<1.7	<3.6
sec-Butylbenzene			ug/L	<0.25	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<25	<3.0	<3.0	<3.0	<3.0	<7.5	<3.0	<3.0	<3.0	<1.5	<1.5	<1.5	<1.5	<4.0
Styrene	*10*	**100**	ug/L	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.39	<50	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<3.9
tert-Butylbenzene			ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.40	<20	<2.8	<2.8	<2.8	<2.8	<7.0	<2.8	<2.8	<2.8	<1.4	<1.4	<1.4	<1.4	4.4 J
Tetrachloroethene	*0.5*	**5**	ug/L	<0.50	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<50	<3.4	<3.4	<3.4	<3.4	<8.5	<3.4	<3.4	<3.4	<1.7	<1.7	<1.7	<1.7	<3.7
Toluene	*200*	**1000**	ug/L	<0.50	<0.11	<0.11	<0.11	<0.11	0.25 J	<0.11	<0.11	<0.15	*540*	94	93	91	99	*280*	97	43	45	76	73	88	88	81
trans-1,2-Dichloroethene	*20*	**100**	ug/L	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.35	<50	<5.0	<5.0	<5.0	<5.0	<13	<5.0	<5.0	<5.0	<2.5	<2.5	<2.5	<2.5	<3.5
trans-1,3-Dichloropropene			ug/L	<0.20	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.36	<20	<4.2	<4.2	<4.2	<4.2	<11	<4.2	<4.2	<4.2	<2.1	<2.1	<2.1	<2.1	<3.6
Trichloroethene	*0.5*	**5**	ug/L	<0.20	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.16	<20	<3.8	<3.8	<3.8	<3.8	<9.5	<3.8	<3.8	<3.8	<1.9	<1.9	<1.9	<1.9	<1.6
Trichlorofluoromethane			ug/L	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.43	<50	<3.8	<3.8	<3.8	<3.8	<9.5	<3.8	<3.8	<3.8	<1.9	<1.9	<1.9	<1.9	<4.3
Vinyl chloride	*0.02*	**0.2**	ug/L	<0.20	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<20	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<2.0
Xylenes, Total	*1000*	**10000**	ug/L	<0.50	<0.068	<0.068	2.4	<0.068	1.1	0.89 J	0.84 J	<0.22	*2400*	*1300*	*1200*	*1800*	*1800*	*2300*	*1900*	*1600*	*1700*	*1400*	*1400*	*1500*	*1600*	*1400*

Wells MW-106, -109 and -114 not sampled due to DNAPL

Italic : Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

	WDNR NR140		Units	MW-108	MW-108	MW-108	MW-108	MW-108	MW-108	MW-108	MW-108	MW-108	P-110	P-110	P-110	P-110	P-110	P-110	P-110	P-110	P-110	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111 DUP
	PAL	ES		12/28/11	3/7/13	9/12/13	3/26/14	7/11/14	10/15/14	1/21/15	4/7/15	6/22/17	12/21/11	3/7/13	9/12/13	3/27/14	7/11/14	10/15/14	1/21/15	4/7/15	6/22/17	12/21/11	3/7/13	9/12/13	3/31/14	7/11/14	10/15/14	1/21/15	4/7/15	6/22/17	6/22/17
1,1,1,2-Tetrachloroethane	*7*	**70**	ug/L	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.46	<5.0	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.46	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.46	<0.46
1,1,1-Trichloroethane	*40*	**200**	ug/L	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.38	<10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.38	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.38	<0.38
1,1,2,2-Tetrachloroethane	*0.02*	**0.2**	ug/L	<0.20	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.40	<4.0	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.40	<0.20	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.40	<0.40
1,1,2-Trichloroethane	*0.5*	**5**	ug/L	<0.25	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.35	<5.0	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.35	<0.25	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.35	<0.35
1,1-Dichloroethane	*85*	**850**	ug/L	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.41	<10	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.41	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.41	<0.41
1,1-Dichloroethene	*0.7*	**7**	ug/L	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.39	<10	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.39	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.39	<0.39
1,1-Dichloropropene			ug/L	<0.50	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.30	<10	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.30	<0.50	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.30	<0.30
1,2,3-Trichlorobenzene			ug/L	<0.25	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.46	<5.0	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.46	<0.25	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.46	<0.46
1,2,3-Trichloropropane	*12*	**60**	ug/L	<0.50	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.41	<10	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.41	<0.50	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.41	<0.41
1,2,4-Trichlorobenzene	*14*	**70**	ug/L	<0.25	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.34	<5.0	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.34	<0.25	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.34	<0.34
1,2,4-Trimethylbenzene	*96*	**480**	ug/L	1.5 J	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.36	22	2.3	3.1	<0.14	<0.14	<0.14	<0.14	<0.14	<0.36	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.36	<0.36
1,2-Dibromo-3-Chloropropane	*0.02*	**0.2**	ug/L	<0.50	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<2.0	<10	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<2.0	<0.50	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<2.0	<2.0
1,2-Dibromoethane (EDB)	*0.005*	**0.05**	ug/L	<0.20	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.39	<4.0	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.39	<0.20	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.39	<0.39
1,2-Dichlorobenzene	*60*	**600**	ug/L	<0.20	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.33	<4.0	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.33	<0.20	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.33	<0.33
1,2-Dichloroethane	*0.5*	**5**	ug/L	<0.50	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.39	<10	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.39	<0.50	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.39	<0.39
1,2-Dichloropropane	*0.5*	**5**	ug/L	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.43	<10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.43	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.43	<0.43
1,3,5-Trimethylbenzene	*96*	**480**	ug/L	0.55 J	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.25	13	1.3	0.9 J	<0.18	<0.18	<0.18	<0.18	<0.18	<0.25	<0.20	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.25	<0.25
1,3-Dichlorobenzene	*125*	**1250**	ug/L	<0.20	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<4.0	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<0.20	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<0.40
1,3-Dichloropropane	*0.02*	**0.2**	ug/L	<0.25	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.36	<5.0	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.36	<0.25	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.36	<0.36
1,4-Dichlorobenzene	*15*	**75**	ug/L	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.36	<10	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.36	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.36	<0.36
2,2-Dichloropropane			ug/L	<0.50	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.44	<10	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.44	<0.50	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.44	<0.44
2-Chlorotoluene			ug/L	<0.50	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.31	<10	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.31	<0.50	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.31	<0.31
4-Chlorotoluene			ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.35	<4.0	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.35	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.35	<0.35
Benzene	*0.5*	**5**	ug/L	<0.20	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.15	**6.8**	*0.96*	*0.63*	<0.074	<0.074	<0.074	<0.074	<0.074	<0.15	<0.20	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.15	<0.15
Bromobenzene			ug/L	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.36	<4.0	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.36	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.36	<0.36
Bromochloromethane			ug/L	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.43	<10	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.43	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.43	<0.43
Bromodichloromethane	*0.06*	**0.6**	ug/L	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<4.0	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<0.37
Bromoform	*0.44*	**4.4**	ug/L	<0.20	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.48	<4.0	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.48	<0.20	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.48	<0.48
Bromomethane	*1*	**10**	ug/L	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.80	<10	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.80	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.80	<0.80
Carbon tetrachloride	*0.5*	**5**	ug/L	<0.80	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.38	<16	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.38	<0.80	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.38	<0.38
Chlorobenzene			ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<4.0	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39
Chloroethane	*80*	**400**	ug/L	<1.0	<0.20	<0.34	<0.20	<0.34	<0.20	<0.34	<0.34	<0.51	<20	<0.20	<0.34	<0.20	<0.34	<0.20	<0.34	<0.34	<0.51	<1.0	<0.20	<0.34	<0.20	<0.34	<0.34	<0.34	<0.34	<0.34	<0.51	<0.51
Chloroform	*0.6*	**6**	ug/L	<0.20	<0.18	<0.20	<0.18	<0.20	<0.18	<0.20	<0.20	<0.37	<4.0	<0.18	<0.20	<0.18	<0.20	<0.18	<0.20	<0.20	<0.37	0.21	<0.18	<0.20	<0.18	<0.20	<0.20	<0.20	<0.20	<0.20	<0.37	<0.37
Chloromethane	*0.3*	**3**	ug/L	<0.30	<0.12	<0.18	<0.12	<0.18	<0.12	<0.18	<0.18	<0.32	<6.0	<0.12	<0.18	<0.12	<0.18	<0.12	<0.18	<0.18	<0.32	<0.30	<0.12	<0.18	<0.12	<0.18	<0.18	<0.18	<0.18	<0.18	<0.32	<0.32
cis-1,2-Dichloroethene	*7*	**70**	ug/L	<0.50	<0.18	<0.12	<0.18	<0.12	<0.18	<0.12	<0.12	<0.41	<10	<0.18	<0.12	<0.18	<0.12	<0.18	<0.12	<0.12	<0.41	<0.50	<0.18	<0.12	<0.18	<0.12	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41
cis-1,3-Dichloropropene			ug/L	<0.20	<0.32	<0.18	<0.32	<0.18	<0.33	<0.18	<0.18	<0.42	<4.0	<0.32	<0.18	<0.32	<0.18	<0.33	<0.18	<0.18	<0.42	<0.20	<0.32	<0.18	<0.32	<0.18	<0.18	<0.18	<0.18	<0.18	<0.42	<0.42
Dibromochloromethane			ug/L	<0.20	<0.34	<0.32	<0.34	<0.32	<0.34	<0.32	<0.32	<0.49	<4.0	<0.34	<0.32	<0.34	<0.32	<0.34	<0.32	<0.32	<0.49	<0.20	<0.34	<0.32	<0.34	<0.32	<0.32	<0.32	<0.32	<0.32	<0.49	<0.49
Dibromomethane			ug/L	<0.20	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.27	<4.0	<0.33	<0.33	<0.33	<0.33	<0.20	<0.33	<0.33	<0.27	<0.20	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.27	<0.27
Dichlorodifluoromethane	*200*	**1000**	ug/L	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.67	<10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.13	<0.20	<0.67	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.67	<0.67
Ethylbenzene	*140*	**700**	ug/L	0.62 J	<0.13	<0.13	<0.13	<0.13	<0.13	0.25 J	<0.13	<0.18	11	1.2	2.5	<0.13	<0.13	<0.26	<0.13	<0.13	<0.18	<0.50	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.18	<0.18
Hexachlorobutadiene			ug/L	<0.50	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.45	<10	<0.26	<0.26	<0.26	<0.26	<0.15	<0.26	<0.26	<0.45	<0.50	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.45	<0.45
Isopropyl ether			ug/L	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.28	<10	<0.15	<0.15	<0.15	<0.15	<0.14	<0.15	<0.15	<0.28	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.28	<0.28
Isopropylbenzene			ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<4.0	<0.14	<0.14	<0.14	<0.14	<0.24	<0.14	<0.14	<0.39	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39
Methyl tert-butyl ether	*12*	**60**	ug/L	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.39	<10	<0.24	<0.24	<0.24	<0.24	9.1	<0.24	<0.24	<0.39	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.39	<0.39
Methylene Chloride	*0.5*	**5**	ug/L	<1.0	<0.68	<0.68	<0.68	<0.68	8.6	<0.68	<0.68	<1.6	<20	<0.68	<0.68	<0.68	<0.68	0.40 J	<0.68	<0.68	<1.6	<1.0	<0.68	<0.68	<0.68	<0.68	9.6	<0.68	<0.68	<1.6	<1.6	<1.6
Naphthalene	*10*	**100**	ug/L	*63*	1.1	<0.16	<0.16	<0.16	1	NA	NA	NA	**3000**	**1100**	**970**	<0.16	<0.23	<0.13	NA	NA	NA	0.37	<0.16	<0.16	<0.16	1.7	2.1	NA	NA	NA	NA
n-Butylbenzene			ug/L	<0.20	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.39	<4.0	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.39	<0.20	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.39	<0.39
N-Propylbenzene			ug/L	<0.50	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.41	<10	<0.13	<0.13	<0.13	<0.13	<0.17	<0.13	<0.13	<0.41	<0.50	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.41	<0.41
p-Isopropyltoluene			ug/L	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.36	<4.0	<0.17	<0.17	<0.17	<0.17	<0.15	<0.17	<0.17	<0.36	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.36	<0.36
sec-Butylbenzene			ug/L	<0.25	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<5.0	<0.15	<0.15	<0.15	<0.15	<0.10	<0.15	<0.15	<0.40	<0.25	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<0.40
Styrene	*10*	**100**	ug/L	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.39	<10	<0.10	<0.10	<0.10	<0.10	<0.14	<0.10	<0.10	<0.39	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.39	<0.39
tert-Butylbenzene			ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.40	<4.0	<0.14	<0.14	<0.14	<0.14	<0.17	<0.14	<0.14	<0.40	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.40	<0.40
Tetrachloroethene	*0.5*	**5**	ug/L	<0.50	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<10	<0.17	<0.17	<0.17	<0.17	<0.11	<0.17	<0.17	<0.37	<0.50	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<0.37
Toluene	*200*	**1000**	ug/L	<0.50	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.15	17	2.2	2.3	<0.11	<0.11	<0.25	<0.11	<0.11	<0.15	<0.50	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	0.29 J	<0.15	<0.15
trans-1,2-Dichloroethene	*20*	**100**	ug/L	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.35	<10	<0.25	<0.25	<0.25	<0.25	<0.21	<0.25	<0.25	<0.35	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35
trans-1,3-Dichloropropene			ug/L	<0.20	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.36	<4.0	<0.21	<0.21	<0.21	<0.21	<0.19	<0.21	<0.21	<0.36	<0.20	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.36	<0.36
Trichloroethene	*0.5*	**5**	ug/L	<0.20	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.16	<4.0	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.16	<0.20	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.16	<0.16
Trichlorofluoromethane			ug/L	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.43	<10	<0.19	<0.19	<0.19	<0.19	<0.10	<0.19	<0.19	<0.43	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.43	<0.43
Vinyl chloride	*0.02*	**0.2**	ug/L	<0.20	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<4.0	<0.10	<0.10	<0.10	<0.10	<0.068	<0.10	<0.10	<0.20	<0.20	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20
Xylenes, Total	*1000*	**10000**	ug/L	1.0 J	<0.068	<0.068	0.38 J	<0.068	0.47 J	2	0.99 J	<0.22	44	5	6.5	<0.068	<0.068	<0.068	<0.068	<0.068	<0.22	<0.50	<0.068	<0.068	0.77 J	<0.068	0.31 J	1.5	1.1	<0.22	<0.22

Wells MW-106, -109 and -114 not sampled due to DNAPL

Italic : Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

	WDNR NR140		Units	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	P-113	P-113	P-113	P-113	P-113	P-113	P-113	P-113	P-113	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115
	PAL	ES		12/21/11	3/8/13	9/12/13	3/27/14	7/11/14	10/16/14	1/21/15	4/8/15	6/20/17	12/21/11	3/8/13	9/12/13	3/27/14	7/11/14	10/16/14	1/21/15	4/8/15	6/21/17	12/21/11	3/8/13	9/12/13	3/26/14	7/11/14	10/16/14	1/21/15	4/7/15	6/20/17
1,1,1,2-Tetrachloroethane	*7*	**70**	ug/L	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.46	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.46	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.46
1,1,1-Trichloroethane	*40*	**200**	ug/L	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.38	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.38	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.38
1,1,2,2-Tetrachloroethane	*0.02*	**0.2**	ug/L	<0.20	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.40	<0.20	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.40	<0.20	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.40
1,1,2-Trichloroethane	*0.5*	**5**	ug/L	<0.25	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.35	<0.25	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.35	<0.25	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.35
1,1-Dichloroethane	*85*	**850**	ug/L	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.41	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.41	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.41
1,1-Dichloroethene	*0.7*	**7**	ug/L	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.39	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.39	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.39
1,1-Dichloropropene			ug/L	<0.50	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.30	<0.50	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.30	<0.50	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.30
1,2,3-Trichlorobenzene			ug/L	<0.25	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.46	<0.25	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.46	<0.25	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.46
1,2,3-Trichloropropane	*12*	**60**	ug/L	<0.50	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.41	<0.50	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.41	<0.50	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.41
1,2,4-Trichlorobenzene	*14*	**70**	ug/L	<0.25	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.34	<0.25	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.34	<0.25	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.34
1,2,4-Trimethylbenzene	*96*	**480**	ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.36	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.36	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.36
1,2-Dibromo-3-Chloropropane	*0.02*	**0.2**	ug/L	<0.50	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<2.0	<0.50	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<2.0	<0.50	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<2.0
1,2-Dibromoethane (EDB)	*0.005*	**0.05**	ug/L	<0.20	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.39	<0.20	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.39	<0.20	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.39
1,2-Dichlorobenzene	*60*	**600**	ug/L	<0.20	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.33	<0.20	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.33	<0.20	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.33
1,2-Dichloroethane	*0.5*	**5**	ug/L	<0.50	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.39	<0.50	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.39	<0.50	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.39
1,2-Dichloropropane	*0.5*	**5**	ug/L	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.43	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.43	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.43
1,3,5-Trimethylbenzene	*96*	**480**	ug/L	<0.20	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.25	<0.20	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.25	<0.20	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.25
1,3-Dichlorobenzene	*125*	**1250**	ug/L	<0.20	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<0.20	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<0.20	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40
1,3-Dichloropropane	*0.02*	**0.2**	ug/L	<0.25	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.36	<0.25	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.36	<0.25	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.36
1,4-Dichlorobenzene	*15*	**75**	ug/L	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.36	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.36	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.36
2,2-Dichloropropane			ug/L	<0.50	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.44	<0.50	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.44	<0.50	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.44
2-Chlorotoluene			ug/L	<0.50	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.31	<0.50	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.31	<0.50	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.31
4-Chlorotoluene			ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.35	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.35	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.35
Benzene	*0.5*	**5**	ug/L	<0.20	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.15	<0.20	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.15	<0.20	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.15
Bromobenzene			ug/L	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.36	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.36	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.36
Bromochloromethane			ug/L	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.43	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.43	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.43
Bromodichloromethane	*0.06*	**0.6**	ug/L	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37
Bromoform	*0.44*	**4.4**	ug/L	<0.20	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.48	<0.20	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.48	<0.20	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.48
Bromomethane	*1*	**10**	ug/L	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.80 *	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.80	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.80 *
Carbon tetrachloride	*0.5*	**5**	ug/L	<0.80	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.38	<0.80	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.38	<0.80	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.38
Chlorobenzene			ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39
Chloroethane	*80*	**400**	ug/L	<1.0	<0.20	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.51	<1.0	<0.20	<0.34	<0.20	<0.34	<0.34	<0.34	<0.34	<0.51	<1.0	<0.20	<0.34	<0.20	<0.34	<0.34	<0.34	<0.34	<0.51
Chloroform	*0.6*	**6**	ug/L	<0.20	<0.18	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.37	0.22	<0.18	<0.20	<0.18	<0.20	<0.20	<0.20	<0.20	<0.37	<0.20	<0.18	<0.20	<0.18	<0.20	<0.20	<0.20	<0.20	<0.37
Chloromethane	*0.3*	**3**	ug/L	<0.30	<0.12	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.32	<0.30	<0.12	<0.18	<0.12	<0.18	<0.18	<0.18	<0.18	<0.32	<0.30	<0.12	<0.18	<0.12	<0.18	<0.18	<0.18	<0.18	<0.32
cis-1,2-Dichloroethene	*7*	**70**	ug/L	<0.50	<0.18	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.41	<0.50	<0.18	<0.12	<0.18	<0.12	<0.12	<0.12	<0.12	<0.41	<0.50	<0.18	<0.12	<0.18	<0.12	<0.12	<0.12	<0.12	<0.41
cis-1,3-Dichloropropene			ug/L	<0.20	<0.32	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.42	<0.20	<0.32	<0.18	<0.32	<0.18	<0.18	<0.18	<0.18	<0.42	<0.20	<0.32	<0.18	<0.32	<0.18	<0.18	<0.18	<0.18	<0.42
Dibromochloromethane			ug/L	<0.20	<0.34	<0.32	<0.32	<0.32	<0.33	<0.32	<0.32	<0.49	<0.20	<0.34	<0.32	<0.34	<0.32	<0.33	<0.32	<0.32	<0.49	<0.20	<0.34	<0.32	<0.34	<0.32	<0.32	<0.32	<0.32	<0.49
Dibromomethane			ug/L	<0.20	<0.33	<0.33	<0.33	<0.33	<0.34	<0.33	<0.33	<0.27	<0.20	<0.33	<0.33	<0.33	<0.33	<0.34	<0.33	<0.33	<0.27	<0.20	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.27
Dichlorodifluoromethane	*200*	**1000**	ug/L	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.67	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.67 *	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.67
Ethylbenzene	*140*	**700**	ug/L	<0.50	<0.13	<0.13	0.21 J	<0.13	<0.13	0.24 J	<0.13	<0.18	<0.50	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.18	<0.50	<0.13	<0.13	0.23 J	<0.13	<0.13	<0.13	<0.13	<0.18
Hexachlorobutadiene			ug/L	<0.50	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.45	<0.50	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.45	<0.50	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.45
Isopropyl ether			ug/L	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.28	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.28	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.28
Isopropylbenzene			ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39
Methyl tert-butyl ether	*12*	**60**	ug/L	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.39	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.39	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.39
Methylene Chloride	*0.5*	**5**	ug/L	<1.0	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<1.6	<1.0	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<1.6	<1.0	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	**6.9**
Naphthalene	*10*	**100**	ug/L	<0.25	<0.16	<0.16	<0.16	1	0.35 J	NA	NA	<0.34	<0.25	<0.16	3.6	<0.16	1.1	0.27 J	NA	NA	NA	<0.25	<0.16	<0.16	<0.16	<0.23	<0.23	NA	NA	<0.34
n-Butylbenzene			ug/L	<0.20	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.39	<0.20	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.39	<0.20	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.39
N-Propylbenzene			ug/L	<0.50	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.41	<0.50	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.41	<0.50	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.41
p-Isopropyltoluene			ug/L	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.36	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.36	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.36
sec-Butylbenzene			ug/L	<0.25	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<0.25	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<0.25	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40
Styrene	*10*	**100**	ug/L	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.39	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.39	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.39
tert-Butylbenzene			ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.40	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.40	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.40
Tetrachloroethene	*0.5*	**5**	ug/L	<0.50	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<0.50	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<0.50	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37
Toluene	*200*	**1000**	ug/L	<0.50	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.15	<0.50	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.15	<0.50	<0.11	<0.11	<0.11	<0.11	0.29 J	0.26 J	0.31 J	<0.15
trans-1,2-Dichloroethene	*20*	**100**	ug/L	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.35	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.35	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.35
trans-1,3-Dichloropropene			ug/L	<0.20	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.36	<0.20	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.36	<0.20	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.36
Trichloroethene	*0.5*	**5**	ug/L	<0.20	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.16	<0.20	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.16	<0.20	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.16
Trichlorofluoromethane			ug/L	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.43	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.43 *	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.43
Vinyl chloride	*0.02*	**0.2**	ug/L	<0.20	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20
Xylenes, Total	*1000*	**10000**	ug/L	<0.50	<0.068	<0.068	0.99 J	<0.068	<0.068	1.4	1.5	<0.22	<0.50	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.22	<0.50	<0.068	<0.068	1.1	2.3	1	1.5	1.2	<0.22

Wells MW-106, -109 and -114 not sampled due to DNAPL

Italic : Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

	WDNR NR140		Units	MW-116	MW-116	MW-116	MW-116	MW-116	MW-116	MW-116	MW-116	MW-117	MW-117	MW-117	MW-117 Dup	MW-117	MW-117	MW-117	MW-117	MW-117	MW-117 Dup	MW-117	MW-117 DUP	MW-118	MW-118 Dup	MW-118	MW-118	MW-118	MW-118	MW-118	MW-118	MW-118	MW-118
	PAL	ES		12/21/11	3/7/13	9/12/13	3/26/14	7/11/14	10/15/14	1/21/15	4/7/15	12/28/11	3/13/13	9/12/13	9/12/13	3/31/14	7/11/14	10/15/14	1/21/15	4/8/15	4/8/15	6/22/17	6/22/17	3/8/13	3/8/13	9/12/13	3/27/14	7/11/14	10/16/14	1/21/15	4/8/15	10/22/15	6/20/17
1,1,1,2-Tetrachloroethane	*7*	**70**	ug/L	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<20	<2.5	<2.5	<2.5	<2.5	<5.0	<13	<5.0	<5.0	<5.0	<23	<23	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.46	<0.46
1,1,1-Trichloroethane	*40*	**200**	ug/L	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<40	<2.0	<2.0	<2.0	<2.0	<4.0	<10	<4.0	<4.0	<4.0	<19	<19	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.38	<0.38
1,1,2,2-Tetrachloroethane	*0.02*	**0.2**	ug/L	<0.20	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<16	<2.3	<2.3	<2.3	<2.3	<4.6	<12	<4.6	<4.6	<4.6	<20	<20	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.40	<0.40
1,1,2-Trichloroethane	*0.5*	**5**	ug/L	<0.25	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<20	<2.8	<2.8	<2.8	<2.8	<5.6	<14	<5.6	<5.6	<5.6	<18	<18	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.35	<0.35
1,1-Dichloroethane	*85*	**850**	ug/L	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<40	<1.9	<1.9	<1.9	<1.9	<3.8	<9.5	<3.8	<3.8	<3.8	<21	<21	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.41	<0.41
1,1-Dichloroethene	*0.7*	**7**	ug/L	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<40	<3.1	<3.1	<3.1	<3.1	<6.2	<16	<6.2	<6.2	<6.2	<20	<20	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.39	<0.39
1,1-Dichloropropene			ug/L	<0.50	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<40	<3.4	<3.4	<3.4	<3.4	<6.8	<17	<6.8	<6.8	<6.8	<15	<15	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.30	<0.30
1,2,3-Trichlorobenzene			ug/L	<0.25	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<20	<2.4	<2.4	<2.4	<2.4	<4.8	<12	<4.8	<4.8	<4.8	<23	<23	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.46	<0.46
1,2,3-Trichloropropane	*12*	**60**	ug/L	<0.50	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<40	<4.5	<4.5	<4.5	<4.5	<9.0	<23	<9.0	<9.0	<9.0	<21	<21	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.41	<0.41
1,2,4-Trichlorobenzene	*14*	**70**	ug/L	<0.25	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<20	<3.1	<3.1	<3.1	<3.1	<6.2	<16	<6.2	<6.2	<6.2	<17	<17	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.34	<0.34
1,2,4-Trimethylbenzene	*96*	**480**	ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	**520**	*260*	**510**	**530**	*310*	*390*	*430*	**540**	**290**	**620**	**550**	**550**	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.36	<0.36
1,2-Dibromo-3-Chloropropane	*0.02*	**0.2**	ug/L	<0.50	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<40	<8.7	<8.7	<8.7	<8.7	<17	<44	<17	<17	<17	<100	<100	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<2.0	<2.0
1,2-Dibromoethane (EDB)	*0.005*	**0.05**	ug/L	<0.20	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<16	<3.6	<3.6	<3.6	<3.6	<7.2	<18	<7.2	<7.2	<7.2	<19	<19	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.39	<0.39
1,2-Dichlorobenzene	*60*	**600**	ug/L	<0.20	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<16	<2.7	<2.7	<2.7	<2.7	<5.4	<14	<5.4	<5.4	<5.4	<17	<17	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.33	<0.33
1,2-Dichloroethane	*0.5*	**5**	ug/L	<0.50	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<40	<2.8	<2.8	<2.8	<2.8	<5.6	<14	<5.6	<5.6	<5.6	<20	<20	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.39	<0.39
1,2-Dichloropropane	*0.5*	**5**	ug/L	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<40	<2.0	<2.0	<2.0	<2.0	<4.0	<10	<4.0	<4.0	<4.0	<21	<21	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.43	<0.43
1,3,5-Trimethylbenzene	*96*	**480**	ug/L	<0.20	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	*220*	*110*	*220*	*230*	*140*	*170*	*190*	*240*	*120*	*260*	*240*	*240*	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.25	<0.25
1,3-Dichlorobenzene	*125*	**1250**	ug/L	<0.20	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<16	<1.5	<1.5	<1.5	<1.5	<3.0	<7.5	<3.0	<3.0	<3.0	<20	<20	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<0.40
1,3-Dichloropropane	*0.02*	**0.2**	ug/L	<0.25	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<20	<1.3	<1.3	<1.3	<1.3	<2.6	<6.5	<2.6	<2.6	<2.6	<18	<18	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.36	<0.36
1,4-Dichlorobenzene	*15*	**75**	ug/L	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<40	<1.5	<1.5	<1.5	<1.5	<3.0	<7.5	<3.0	<3.0	<3.0	<18	<18	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.36	<0.36
2,2-Dichloropropane			ug/L	<0.50	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<40	<3.2	<3.2	<3.2	<3.2	<6.4	<16	<6.4	<6.4	<6.4	<22	<22	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.44	<0.44
2-Chlorotoluene			ug/L	<0.50	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<40	26	<2.1	<2.1	29	<4.2	<11	<4.2	<4.2	<4.2	<16	<16	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.31	<0.31
4-Chlorotoluene			ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<16	<2.0	<2.0	<2.0	<2.0	<4.0	<10	<4.0	<4.0	<4.0	<17	<17	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.35	<0.35
Benzene	*0.5*	**5**	ug/L	<0.20	<0.074	<0.074	<0.074	<0.074	<0.074	0.36 J	<0.074	**3800**	**590**	**4100**	**4900**	**1900**	**3800**	**3900**	**3400**	**1600**	**3400**	**4800**	**4800**	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.15	<0.15
Bromobenzene			ug/L	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<16	<2.5	<2.5	<2.5	<2.5	<5.0	<13	<5.0	<5.0	<5.0	<18	<18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.36	<0.36
Bromochloromethane			ug/L	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<40	<4.0	<4.0	<4.0	<4.0	<8.0	<20	<8.0	<8.0	<8.0	<21	<21	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.43	<0.43
Bromodichloromethane	*0.06*	**0.6**	ug/L	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<16	<1.7	<1.7	<1.7	<1.7	<3.4	<8.5	<3.4	<3.4	<3.4	<19	<19	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<0.37
Bromoform	*0.44*	**4.4**	ug/L	<0.20	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<16	<2.8	<2.8	<2.8	<2.8	<5.6	<14	<5.6	<5.6	<5.6	<24	<24	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.48	<0.48
Bromomethane	*1*	**10**	ug/L	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<40	<3.1	<3.1	<3.1	<3.1	<6.2	<16	<6.2	<6.2	<6.2	<40	<40	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.80	<0.80 *
Carbon tetrachloride	*0.5*	**5**	ug/L	<0.80	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<64	<2.6	<2.6	<2.6	<2.6	<5.2	<13	<5.2	<5.2	<5.2	<19	<19	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.38	<0.38
Chlorobenzene			ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<16	<1.4	<1.4	<1.4	<1.4	<2.8	<7.0	<2.8	<2.8	<2.8	<19	<19	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39
Chloroethane	*80*	**400**	ug/L	<1.0	<0.20	<0.34	<0.20	<0.20	<0.34	<0.34	<0.34	<80	10	<3.4	<3.4	<2.0	<6.8	<17	<6.8	<6.8	<6.8	<25	<25	<0.20	<0.20	<0.34	<0.20	<0.34	<0.34	<0.34	<0.34	<0.51	<0.51
Chloroform	*0.6*	**6**	ug/L	<0.20	<0.18	<0.20	<0.18	<0.18	<0.20	<0.20	<0.20	<16	<1.8	<2.0	<2.0	<1.8	<4.0	<10	<4.0	<4.0	<4.0	<19	<19	<0.18	<0.18	<0.20	<0.18	<0.20	<0.20	<0.20	<0.20	<0.37	<0.37
Chloromethane	*0.3*	**3**	ug/L	<0.30	<0.12	<0.18	<0.12	<0.12	<0.18	<0.18	<0.18	<24	<1.2	<1.8	<1.8	<1.2	<3.6	<9.0	330 B	<3.6	<3.6	<16	<16	<0.12	<0.12	<0.18	<0.12	<0.18	<0.18	<0.18	<0.18	<0.32	<0.32
cis-1,2-Dichloroethene	*7*	**70**	ug/L	<0.50	<0.18	<0.12	<0.18	<0.18	<0.12	<0.12	<0.12	<40	<1.8	<1.2	<1.2	<1.8	<2.4	<6.0	<2.4	<2.4	<2.4	<20	<20	<0.18	<0.18	<0.12	<0.18	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41
cis-1,3-Dichloropropene			ug/L	<0.20	<0.32	<0.18	<0.32	<0.32	<0.18	<0.18	<0.18	<16	<3.2	<1.8	<1.8	<3.2	<3.6	<9.0	<3.6	<3.6	<3.6	<21	<21	<0.32	<0.32	<0.18	<0.32	<0.18	<0.18	<0.18	<0.18	<0.42	<0.42
Dibromochloromethane			ug/L	<0.20	<0.34	<0.32	<0.34	<0.34	<0.32	<0.32	<0.32	<16	<3.4	<3.2	<3.2	<3.4	<6.4	<6.4	<6.4	<6.4	<6.4	<24	<24	<0.34	<0.34	<0.32	<0.34	<0.32	<0.32	<0.32	<0.32	<0.49	<0.49
Dibromomethane			ug/L	<0.20	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<16	<3.3	<3.3	<3.3	<3.3	<6.6	<17	<6.6	<6.6	<6.6	<14	<14	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.27	<0.27
Dichlorodifluoromethane	*200*	**1000**	ug/L	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<40	<2.0	<2.0	<2.0	<2.0	<4.0	<10	<4.0	<4.0	<4.0	<34	<34	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.67	<0.67
Ethylbenzene	*140*	**700**	ug/L	<0.50	<0.13	<0.13	<0.13	<0.13	<0.13	0.28 J	<0.13	*410*	*160*	*390*	*390*	*250*	*380*	*400*	*420*	*220*	*470*	*460*	*470*	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	0.28 J	<0.18	<0.18
Hexachlorobutadiene			ug/L	<0.50	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<40	<2.6	<2.6	<2.6	<2.6	<5.2	<13	<5.2	<5.2	<5.2	<22	<22	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.45	<0.45
Isopropyl ether			ug/L	<0.50	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<40	<1.5	<1.5	<1.5	<1.5	<3.0	<7.5	<3.0	<3.0	<3.0	<14	<14	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.28	<0.28
Isopropylbenzene			ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	24 J	11	21	23	15	21	<7.0	25	13 J	27	28J	25 J	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39
Methyl tert-butyl ether	*12*	**60**	ug/L	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<40	<2.4	<2.4	<2.4	<2.4	<4.8	<12	<4.8	<4.8	<4.8	<20	<20	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.39	<0.39
Methylene Chloride	*0.5*	**5**	ug/L	<1.0	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<80	<6.8	<6.8	<6.8	<6.8	<14	<34	<14	<14	<14	<82	<82	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<1.6	<1.6
Naphthalene	*10*	**100**	ug/L	0.45	2.5	1.1	<0.16	<0.16	4.9	NA	NA	**26000**	**9900**	**18000**	**17000**	**12000**	**14000**	**15000**	NA	NA	NA	NA	NA	<0.16	<0.16	<0.16	<0.16	1.3	<0.23	NA	NA	<0.34	<0.34
n-Butylbenzene			ug/L	<0.20	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<16	<1.3	<1.3	<1.3	<1.3	<2.6	<6.5	<2.6	<2.6	<2.6	<19	<19	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.39	<0.39
N-Propylbenzene			ug/L	<0.50	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<40	5.6 J	11	12	6.8 J	<2.6	<6.5	13 J	<2.6	<2.6	<21	<21	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.41	<0.41
p-Isopropyltoluene			ug/L	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<16	32	<1.7	<1.7	<1.7	<3.4	<8.5	<3.4	<3.4	<3.4	<18	<18	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.36	<0.36
sec-Butylbenzene			ug/L	<0.25	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<20	<1.5	<1.5	<1.5	<1.5	<3.0	<7.5	<3.0	<3.0	<3.0	<20	<20	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<0.40
Styrene	*10*	**100**	ug/L	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	110 J	<1.0	<1.0	<1.0	*59*	*89*	<5.0	<2.0	<2.0	<2.0	**140**	**130**	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.39	<0.39
tert-Butylbenzene			ug/L	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<16	<1.4	<1.4	<1.4	<1.4	<2.8	<7.0	<2.8	<2.8	<2.8	<20	<20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.40	<0.40
Tetrachloroethene	*0.5*	**5**	ug/L	<0.50	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<40	<1.7	<1.7	<1.7	<1.7	<3.4	<8.5	<3.4	<3.4	<3.4	<19	<19	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<0.37
Toluene	*200*	**1000**	ug/L	<0.50	<0.11	<0.11	<0.11	<0.11	<0.11	0.26 J	<0.11	**3300**	*940*	**3800**	**4400**	**2400**	**3400**	**3500**	**3300**	**1600**	**3500**	**4400**	**4500**	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.15	<0.15
trans-1,2-Dichloroethene	*20*	**100**	ug/L	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<40	<2.5	<2.5	<2.5	<2.5	<5.0	<13	<5.0	<5.0	<5.0	<17	<17	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35
trans-1,3-Dichloropropene			ug/L	<0.20	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<16	<2.1	<2.1	<2.1	<2.1	<4.2	<11	<4.2	<4.2	<4.2	<18	<18	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.36	<0.36
Trichloroethene	*0.5*	**5**	ug/L	<0.20	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<16	<1.9	<1.9	<1.9	<1.9	<3.8	<9.5	<3.8	<3.8	<3.8	<8.2	<8.2	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.16	<0.16
Trichlorofluoromethane			ug/L	<0.50	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<40	<1.9	<1.9	<1.9	<1.9	<3.8	<9.5	<3.8	<3.8	<3.8	<21	<21	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.43	<0.43
Vinyl chloride	*0.02*	**0.2**	ug/L	<0.20	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<16	<1.0	<1.0	<1.0	<1.0	<2.0	<5.0	<2.0	<2.0	<2.0	<10	<10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20
Xylenes, Total	*1000*	**10000**	ug/L	<0.50	<0.068	<0.068	0.28 J	0.30 J	0.31 J	1.3	<0.068	*2300*	910	*2500*	*2500*	*1500*	*2100*	*2200*	*2400*	*1300*	*2800*	*2900*	*2900*	<0.068	<0.068	<0.068	0.65 J	<0.068	<0.068	1.4	2.1	<0.22	<0.22

Wells MW-106, -109 and -114 not sampled due to DNAPL

Italic : Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

	WDNR NR140		Units	MW-119	MW-119	P-120	P-120	P-120	P-120	P-120	P-120	P-120	P-120	P-120	P-121	P-121	P-121	P-121	P-121	P-121	P-121	P-121	P-121	MW-122	MW-122	MW-122	MW-122	MW-122 Dup	MW-122	MW-122 Dup	MW-122	MW-122 Dup	MW-122	MW-122	MW-122
	PAL	ES		3/8/13	WELL	3/13/13	9/12/13	3/27/14	7/11/14	10/16/14	1/21/15	4/8/15	10/22/15	6/22/17	3/8/13	9/12/13	3/26/14	7/11/14	10/15/14	1/21/15	4/7/15	10/22/15	6/21/17	9/12/13	3/26/14	7/11/14	10/15/14	10/15/14	1/21/15	1/21/15	4/7/15	4/7/15	10/22/15	1/7/16	6/20/17
1,1,1,2-Tetrachloroethane	*7*	**70**	ug/L	<0.25	DESTROYED	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.46	<0.46	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.46	<0.46	<2.5	<2.5	<5.0	<2.5	<2.5	<1.3	<1.3	<1.3	<1.3	<2.3	<0.92	<2.3
1,1,1-Trichloroethane	*40*	**200**	ug/L	<0.20	NOT	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.38	<0.38	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.38	<0.38	<2.0	<2.0	<4.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.9	<0.76	<1.9
1,1,2,2-Tetrachloroethane	*0.02*	**0.2**	ug/L	<0.23	SAMPLED	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.40	<0.40	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.40	<0.40	<2.3	<2.3	<4.6	<2.3	<2.3	<1.2	<1.2	<1.2	<1.2	<2.0	<0.80	<2.0
1,1,2-Trichloroethane	*0.5*	**5**	ug/L	<0.28		<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.35	<0.35	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.35	<0.35	<2.8	<2.8	<5.6	<2.8	<2.8	<1.4	<1.4	<1.4	<1.4	<1.8	<0.70	<1.8
1,1-Dichloroethane	*85*	**850**	ug/L	<0.19		<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.41	<0.41	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.41	<0.41	<1.9	<1.9	<3.8	<1.9	<1.9	<0.95	<0.95	<0.95	<0.95	<2.1	<0.82	<2.1
1,1-Dichloroethene	*0.7*	**7**	ug/L	<0.31		<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.39	<0.39	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.39	<0.39	<3.1	<3.1	<6.2	<3.1	<3.1	<1.6	<1.6	<1.6	<1.6	<2.0	<0.78	<2.0
1,1-Dichloropropene			ug/L	<0.34		<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.30	<0.30	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.30	<0.30	<3.4	<3.4	<6.8	<3.4	<3.4	<1.7	<1.7	<1.7	<1.7	<1.5	<0.59	<1.5
1,2,3-Trichlorobenzene			ug/L	<0.24		<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.46	<0.46	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.46	<0.46	<2.4	<2.4	<4.8	<2.4	<2.4	<1.2	<1.2	<1.2	<1.2	<2.3	<0.92	<2.3
1,2,3-Trichloropropane	*12*	**60**	ug/L	<0.45		<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.41	<0.41	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.41	<0.41	<4.5	<4.5	<9.0	<4.5	<4.5	<2.3	<2.3	<2.3	<2.3	<2.1	<0.83	<2.1
1,2,4-Trichlorobenzene	*14*	**70**	ug/L	<0.31		<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.34	<0.34	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.34	<0.34	<3.1	<3.1	<6.2	<3.1	<3.1	<1.6	<1.6	<1.6	<1.6	<1.7	<0.68	<1.7
1,2,4-Trimethylbenzene	*96*	**480**	ug/L	<0.14		<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.36	<0.36	0.7 J	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.36	<0.36	91	11	23	32	29	13	14	8.2	8.5	9.7	11	11
1,2-Dibromo-3-Chloropropane	*0.02*	**0.2**	ug/L	<0.87		<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<2.0	<2.0	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<2.0	<2.0	<8.7	<8.7	<17	<8.7	<8.7	<4.4	<4.4	<4.4	<4.4	<10	<4.0	<10
1,2-Dibromoethane (EDB)	*0.005*	**0.05**	ug/L	<0.36		<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.39	<0.39	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.39	<0.39	<3.6	<3.6	<7.2	<3.6	<3.6	<1.8	<1.8	<1.8	<1.8	<1.9	<0.77	<1.9
1,2-Dichlorobenzene	*60*	**600**	ug/L	0.86 J		<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.33	<0.33	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.33	<0.33	<2.7	<2.7	<5.4	<2.7	<2.7	<1.4	<1.4	<1.4	<1.4	<1.7	<0.67	<1.7
1,2-Dichloroethane	*0.5*	**5**	ug/L	<0.28		<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.39	<0.39	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.39	<0.39	<2.8	<2.8	<5.6	<2.8	<2.8	<1.4	<1.4	<1.4	<1.4	<2.0	<0.78	<2.0
1,2-Dichloropropane	*0.5*	**5**	ug/L	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.43	<0.43	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.43	<0.43	<2.0	<2.0	<4.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<2.1	<0.86	<2.1
1,3,5-Trimethylbenzene	*96*	**480**	ug/L	<0.18		<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.25	<0.25	0.76 J	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.25	<0.25	38	13	19	23	26	12	12	6	6.3	10	8.4	8.2
1,3-Dichlorobenzene	*125*	**1250**	ug/L	<0.15		<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<0.40	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<0.40	<1.5	<1.5	<3.0	<1.5	<1.5	<0.75	<0.75	<0.75	<0.75	<2.0	<0.80	<2.0
1,3-Dichloropropane	*0.02*	**0.2**	ug/L	<0.13		<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.36	<0.36	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.36	<0.36	<1.3	<1.3	<2.6	<1.3	<1.3	<0.65	<0.65	<0.65	<0.65	<1.8	<0.72	<1.8
1,4-Dichlorobenzene	*15*	**75**	ug/L	<0.15		<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.36	<0.36	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.36	<0.36	<1.5	<1.5	<3.0	<1.5	<1.5	<0.75	<0.75	<0.75	<0.75	<1.8	<0.73	<1.8
2,2-Dichloropropane			ug/L	<0.32		<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.44	<0.44	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.44	<0.44	<3.2	<3.2	<6.4	<3.2	<3.2	<1.6	<1.6	<1.6	<1.6	<2.2	<0.89	<2.2
2-Chlorotoluene			ug/L	<0.21		<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.31	<0.31	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.31	<0.31	<2.1	<2.1	<4.2	<2.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.6	<0.63	<1.6
4-Chlorotoluene			ug/L	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.35	<0.35	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.35	<0.35	<2.0	<2.0	<4.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.7	<0.70	<1.7
Benzene	*0.5*	**5**	ug/L	<0.074		<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.15	<0.15	*1.9*	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.15	<0.15	**36**	**23**	**20**	**28**	**29**	**15**	**13**	**9.4**	**9.3**	**16**	**9.7**	**18**
Bromobenzene			ug/L	<0.25		<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.36	<0.36	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.36	<0.36	<2.5	<2.5	<5.0	<2.5	<2.5	<1.3	<1.3	<1.3	<1.3	<1.8	<0.71	<1.8
Bromochloromethane			ug/L	<0.40		<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.43	<0.43	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.43	<0.43	<4.0	<4.0	<8.0	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.1	<0.86	<2.1
Bromodichloromethane	*0.06*	**0.6**	ug/L	<0.17		<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<0.37	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<0.37	<1.7	<1.7	<3.4	<1.7	<1.7	<0.85	<0.85	<0.85	<0.85	<1.9	<0.74	<1.9
Bromoform	*0.44*	**4.4**	ug/L	<0.28		<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.48	<0.48	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.48	<0.48	<2.8	<2.8	<5.6	<2.8	<2.8	<1.4	<1.4	<1.4	<1.4	<2.4	<0.97	<2.4
Bromomethane	*1*	**10**	ug/L	<0.31		<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.80	<0.80	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.80	<0.80	<3.1	<3.1	<6.2	<3.1	<3.1	<1.6	<1.6	<1.6	<1.6	<4.0	<1.6	<4.0 *
Carbon tetrachloride	*0.5*	**5**	ug/L	<0.26		<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.38	<0.38	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.38	<0.38	<2.6	<2.6	<5.2	<2.6	<2.6	<1.3	<1.3	<1.3	<1.3	<1.9	<0.77	<1.9
Chlorobenzene			ug/L	3.5		<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39	<1.4	<1.4	<2.8	<1.4	<1.4	<0.70	<0.70	<0.70	<0.70	<1.9	<0.77	<1.9
Chloroethane	*80*	**400**	ug/L	<0.20		0.7 J	<0.34	<0.20	<0.34	<0.34	<0.34	<0.34	<0.51	<0.51	<0.20	<0.34	<0.20	<0.34	<0.34	<0.34	<0.34	<0.51	<0.51	<2.0	<2.0	<6.8	<3.4	<3.4	<1.7	<1.7	<1.7	<1.7	<2.4	<1.0	<2.5
Chloroform	*0.6*	**6**	ug/L	<0.18		<0.18	<0.20	<0.18	<0.20	<0.20	<0.20	<0.20	<0.37	<0.37	<0.18	<0.20	<0.18	<0.20	<0.20	<0.20	<0.20	<0.37	<0.37	<1.8	<1.8	<4.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.9	<0.74	<1.9
Chloromethane	*0.3*	**3**	ug/L	<0.12		<0.12	<0.18	<0.12	<0.18	<0.18	16 B	<0.18	<0.32	<0.32	<0.12	<0.18	<0.12	<0.18	<0.18	<0.18	<0.18	<0.32	<0.32	<1.2	<1.2	<3.6	<1.8	<1.8	<0.90	<0.90	<0.90	<0.90	<1.6	<0.64	<1.6
cis-1,2-Dichloroethene	*7*	**70**	ug/L	<0.18		<0.18	<0.12	<0.18	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41	<0.18	<0.12	<0.18	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41	<1.8	<1.8	<2.4	<1.2	<1.2	<0.60	<0.60	<0.60	<0.60	<2.0	<0.82	<2.0
cis-1,3-Dichloropropene			ug/L	<0.32		<0.32	<0.18	<0.32	<0.18	<0.18	<0.18	<0.18 F1	<0.42	<0.42	<0.32	<0.18	<0.32	<0.18	<0.18	<0.18	<0.18	<0.42	<0.42	<3.2	<3.2	<3.6	<1.8	<1.8	<0.90	<0.90	<0.90	<0.90	<2.1	<0.83	<2.1
Dibromochloromethane			ug/L	<0.34		<0.34	<0.32	<0.34	<0.32	<0.32	<0.32	<0.32	<0.49	<0.49	<0.34	<0.32	<0.34	<0.32	<0.32	<0.32	<0.32	<0.49	<0.49	<3.4	<3.4	<6.4	<6.4	<6.4	<1.6	<1.6	<1.6	<1.6	<2.4	<0.98	<2.4
Dibromomethane			ug/L	<0.33		<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.27	<0.27	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.27	<0.27	<3.3	<3.3	<6.6	<3.3	<3.3	<1.7	<1.7	<1.7	<1.7	<1.4	<0.54	<1.4
Dichlorodifluoromethane	*200*	**1000**	ug/L	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.67	<0.67	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.67	<0.67 *	<2.0	<2.0	<4.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<2.7	<1.3	<3.4
Ethylbenzene	*140*	**700**	ug/L	<0.13		<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.18	<0.18	1.1	0.36 J	<0.13	<0.13	<0.13	<0.13	<0.13	<0.18	<0.18	*200*	39	97	130	130	66	67	42	45	77	58	90
Hexachlorobutadiene			ug/L	<0.26		<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.45	<0.45	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.45	<0.45	<2.6	<2.6	<5.2	<2.6	<2.6	<1.3	<1.3	<1.3	<1.3	<2.2	<0.89	<2.2
Isopropyl ether			ug/L	<0.15		<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.28	<0.28	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.28	<0.28	<1.5	<1.5	<3.0	<1.5	<1.5	<0.75	<0.75	<0.75	<0.75	<1.4	<0.55	<1.4
Isopropylbenzene			ug/L	<0.14		<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39	30	8.9 J	16	19	19	7.7	8.2	5	5.5	11	7.3	14
Methyl tert-butyl ether	*12*	**60**	ug/L	<0.24		<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.39	<0.39	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.39	<0.39	<2.4	<2.4	<4.8	<2.4	<2.4	<1.2	<1.2	<1.2	<1.2	<2.0	<0.79	<2.0
Methylene Chloride	*0.5*	**5**	ug/L	<0.68		<0.68	<0.68	<0.68	<0.68	9.5	<0.68	<0.68	<1.6	<1.6	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<1.6	<1.6	<6.8	<6.8	<14	<6.8	<6.8	<3.4	<3.4	<3.4	<3.4	<8.2	<3.3	**29**
Naphthalene	*10*	**100**	ug/L	1.4		<0.16	<0.16	<0.16	1	4.1	NA	NA	<0.34	NA	*25*	7.2	<0.16	<0.23	1.7	NA	NA	<0.34	NA	**16000**	**2700**	**3400**	**3700**	**3400**	NA	NA	NA	NA	**2700**	NA	NA
n-Butylbenzene			ug/L	<0.13		<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.39	<0.39	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.39	<0.39	<1.3	<1.3	<2.6	<1.3	<1.3	<0.65	<0.65	<0.65	<0.65	<1.9	<0.78	<1.9
N-Propylbenzene			ug/L	<0.13		<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.41	<0.41	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.41	<0.41	<1.3	<1.3	<2.6	<1.3	<1.3	<0.65	<0.65	<0.65	<0.65	<2.1	<0.83	<2.1
p-Isopropyltoluene			ug/L	<0.17		<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.36	<0.36	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.36	<0.36	<1.7	<1.7	<3.4	<1.7	<1.7	<0.85	<0.85	<0.85	<0.85	<1.8	1.1 J	<1.8
sec-Butylbenzene			ug/L	<0.15		<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<0.40	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<0.40	<1.5	<1.5	<3.0	<1.5	<1.5	<0.75	<0.75	<0.75	<0.75	<2.0	<0.80	<2.0
Styrene	*10*	**100**	ug/L	<0.10		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.39	<0.39	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.39	<0.39	<1.0	<1.0	<2.0	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	<1.9	<0.77	<1.9
tert-Butylbenzene			ug/L	<0.14		<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.40	<0.40	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.40	<0.40	<1.4	<1.4	<2.8	<1.4	<1.4	<0.70	<0.70	<0.70	<0.70	<2.0	<0.80	<2.0
Tetrachloroethene	*0.5*	**5**	ug/L	<0.17		<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<0.37	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.37	<0.37	<1.7	<1.7	<3.4	<1.7	<1.7	<0.85	<0.85	<0.85	<0.85	<1.9	<0.74	<1.9
Toluene	*200*	**1000**	ug/L	0.31 J		<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.15	<0.15	2.7	0.33 J	<0.11	<0.11	<0.11	<0.11	<0.11	<0.15	<0.15	22	6.2	6.6	3.2 J	3.4 J	3.1	3.3	3.8	3.9	<0.76	2.4	1.9 J
trans-1,2-Dichloroethene	*20*	**100**	ug/L	<0.25		<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35	<2.5	<2.5	<5.0	<2.5	<2.5	<1.3	<1.3	<1.3	<1.3	<1.7	<0.70	<1.7
trans-1,3-Dichloropropene			ug/L	<0.21		<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.36	<0.36	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.36	<0.36	<2.1	<2.1	<4.2	<2.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.8	<0.72	<1.8
Trichloroethene	*0.5*	**5**	ug/L	<0.19		<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.16	<0.16	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.16	<0.16	<1.9	<1.9	<3.8	<1.9	<1.9	<0.95	<0.95	<0.95	<0.95	<0.82	<0.33	<0.82
Trichlorofluoromethane			ug/L	<0.19		<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.43	<0.43	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.43	<0.43 *	<1.9	<1.9	<3.8	<1.9	<1.9	<0.95	<0.95	<0.95	<0.95	<2.1	<0.85	<2.1
Vinyl chloride	*0.02*	**0.2**	ug/L	<0.10		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	<1.0	<1.0	<2.0	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.41	<1.0
Xylenes, Total	*1000*	**10000**	ug/L	0.56 J		<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.22	<0.22	5.3	1.2	<0.068	<0.068	<0.068	<0.068	<0.068	<0.22	<0.22	260	31	50	27	27	21	23	20	20	3.5 J	15	7.4

Wells MW-106, -109 and -114 not sampled due to DNAPL

Italic : Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

	WDNR NR140		Units	MW-123	MW-123	MW-123	MW-123	MW-123	MW-123	MW-123	MW-123	MW-123	MW-125	MW-125	MW-125	MW-125	MW-125	MW-125	MW-125	MW-125 Dup	MW-125	MW-125 Dup	MW-125	SW-1	SW-1
	PAL	ES		9/12/13	3/26/14	7/11/14	10/15/14	1/21/15	4/7/15	10/22/15	4/7/16	6/21/17	9/12/13	3/27/14	7/11/14	10/15/14	1/21/15	4/7/15	10/22/15	10/22/15	1/7/16	1/7/16	6/22/17	3/27/14	10/16/14
1,1,1,2-Tetrachloroethane	*7*	**70**	ug/L	<2.5	<13	<5.0	<5.0	<2.5	<2.5	<23	<9.2	<9.2	<2.5	<2.5	<5.0	<2.5	<0.50	<1.3	<9.2	<9.2	<0.46	<0.46	<4.6	<0.25	<0.25
1,1,1-Trichloroethane	*40*	**200**	ug/L	<2.0	<10	<4.0	<4.0	<2.0	<2.0	<19	<7.6	<7.6	<2.0	<2.0	<4.0	<2.0	<0.40	<1.0	<7.6	<7.6	<0.38	<0.38	<3.8	<0.20	<0.20
1,1,2,2-Tetrachloroethane	*0.02*	**0.2**	ug/L	<2.3	<12	<4.6	<4.6	<2.3	<2.3	<20	<8.0	<8.0	<2.3	<2.3	<4.6	<2.3	<0.46	<1.2	<8.0	<8.0	<0.40	<0.40	<4.0	<0.23	<0.23
1,1,2-Trichloroethane	*0.5*	**5**	ug/L	<2.8	<14	<5.6	<5.6	<2.8	<2.8	<18	<7.0	<7.0	<2.8	<2.8	<5.6	<2.8	<0.56	<1.4	<7.0	<7.0	<0.35	<0.35	<3.5	<0.28	<0.28
1,1-Dichloroethane	*85*	**850**	ug/L	<1.9	<9.5	<3.8	<3.8	<1.9	<1.9	<21	<8.2	<8.2	<1.9	<1.9	<3.8	<1.9	<0.38	<0.95	<8.2	<8.2	<0.41	<0.41	<4.1	<0.19	<0.19
1,1-Dichloroethene	*0.7*	**7**	ug/L	<3.1	<16	<6.2	<6.2	<3.1	<3.1	<20	<7.8	<7.8	<3.1	<3.1	<6.2	<3.1	<0.62	<1.6	<7.8	<7.8	<0.39	<0.39	<3.9	<0.31	<0.31
1,1-Dichloropropene			ug/L	<3.4	<17	<6.8	<6.8	<3.4	<3.4	<15	<5.9	<5.9	<3.4	<3.4	<6.8	<3.4	<0.68	<1.7	<5.9	<5.9	<0.30	<0.30	<3.0	<0.34	<0.34
1,2,3-Trichlorobenzene			ug/L	<2.4	<12	<4.8	<4.8	<2.4	<2.4	<23	<9.2	<9.2	<2.4	<2.4	<4.8	<2.4	<0.48	<1.2	<9.2	<9.2	<0.46	<0.46	<4.6	<0.24	<0.24
1,2,3-Trichloropropane	*12*	**60**	ug/L	<4.5	<23	<9.0	<9.0	<4.5	<4.5	<21	<8.3	<8.3	<4.5	<4.5	<9.0	<4.5	<0.90	<2.3	<8.3	<8.3	<0.41	<0.41	<4.1	<0.45	<0.45
1,2,4-Trichlorobenzene	*14*	**70**	ug/L	<3.1	<16	<6.2	<6.2	<3.1	<3.1	<17	<6.8	<6.8	<3.1	<3.1	<6.2	<3.1	<0.62	<1.6	<6.8	<6.8	<0.34	<0.34	<3.4	<0.31	<0.31
1,2,4-Trimethylbenzene	*96*	**480**	ug/L	*430*	*350*	*350*	*390*	*300*	*310*	*250*	*260*	*200*	*180*	72	160	91	76	60	120	110	20	24	*140*	<0.14	<0.14
1,2-Dibromo-3-Chloropropane	*0.02*	**0.2**	ug/L	<8.7	<44	<17	<17	<8.7	<8.7	<100	<40	<40	<8.7	<8.7	<17	<8.7	<1.7	<4.4	<40	<40	<2.0	<2.0	<20	<0.87	<0.87
1,2-Dibromoethane (EDB)	*0.005*	**0.05**	ug/L	<3.6	<18	<7.2	<7.2	<3.6	<3.6	<19	<7.7	<7.7	<3.6	<3.6	<7.2	<3.6	<0.72	<1.8	<7.7	<7.7	<0.39	<0.39	<3.9	<0.36	<0.36
1,2-Dichlorobenzene	*60*	**600**	ug/L	<2.7	<14	<5.4	<5.4	<2.7	<2.7	<17	<6.7	<6.7	<2.7	<2.7	<5.4	<2.7	<0.54	<1.4	<6.7	<6.7	<0.33	<0.33	<3.3	<0.27	<0.27
1,2-Dichloroethane	*0.5*	**5**	ug/L	<2.8	<14	<5.6	<5.6	<2.8	<2.8	<20	<7.8	<7.8	<2.8	<2.8	<5.6	<2.8	<0.56	<1.4	<7.8	<7.8	<0.39	<0.39	<3.9	<0.28	<0.28
1,2-Dichloropropane	*0.5*	**5**	ug/L	<2.0	<10	<4.0	<4.0	<2.0	<2.0	<21	<8.6	<8.6	<2.0	<2.0	<4.0	<2.0	<0.40	<1.0	<8.6	<8.6	<0.43	<0.43	<4.3	<0.20	<0.20
1,3,5-Trimethylbenzene	*96*	**480**	ug/L	*240*	*200*	*190*	*200*	*170*	*170*	*130*	*150*	*110*	*97*	43	94	51	46	35	65	60	18	20	83	<0.18	<0.18
1,3-Dichlorobenzene	*125*	**1250**	ug/L	<1.5	<7.5	<3.0	<3.0	<1.5	<1.5	<20	<8.0	<8.0	<1.5	<1.5	<3.0	<1.5	<0.30	<0.75	<8.0	<8.0	<0.40	<0.40	<4.0	<0.15	<0.15
1,3-Dichloropropane	*0.02*	**0.2**	ug/L	<1.3	<6.5	<2.6	<2.6	<1.3	<1.3	<18	<7.2	<7.2	<1.3	<1.3	<2.6	<1.3	<0.26	<0.65	<7.2	<7.2	<0.36	<0.36	<3.6	<0.13	<0.13
1,4-Dichlorobenzene	*15*	**75**	ug/L	<1.5	<7.5	<3.0	<3.0	<1.5	<1.5	<18	<7.3	<7.3	<1.5	<1.5	<3.0	<1.5	<0.30	<0.75	<7.3	<7.3	<0.36	<0.36	<3.6	<0.15	<0.15
2,2-Dichloropropane			ug/L	<3.2	<16	<6.4	<6.4	<3.2	<3.2	<22	<8.9	<8.9	<3.2	<3.2	<6.4	<3.2	<0.64	<1.6	<8.9	<8.9	<0.44	<0.44	<4.4	<0.32	<0.32
2-Chlorotoluene			ug/L	<2.1	<11	<4.2	<4.2	<2.1	<2.1	<16	<6.3	<6.3	<2.1	<2.1	<4.2	<2.1	<0.42	<1.1	<6.3	<6.3	<0.31	<0.31	<3.1	<0.21	<0.21
4-Chlorotoluene			ug/L	<2.0	<10	<4.0	<4.0	<2.0	<2.0	<17	<7.0	<7.0	<2.0	<2.0	<4.0	<2.0	<0.40	<1.0	<7.0	<7.0	<0.35	<0.35	<3.5	<0.20	<0.20
Benzene	*0.5*	**5**	ug/L	**760**	**1100**	**760**	**1300**	**670**	**810**	**870**	**820**	**350**	**460**	**160**	**250**	**110**	**110**	**84**	**280**	**240**	**25**	**31**	**400**	<0.074	<0.074
Bromobenzene			ug/L	<2.5	<13	<5.0	<5.0	<2.5	<2.5	<18	<7.1	<7.1	<2.5	<2.5	<5.0	<2.5	<0.50	<1.3	<7.1	<7.1	<0.36	<0.36	<3.6	<0.25	<0.25
Bromochloromethane			ug/L	<4.0	<20	<8.0	<8.0	<4.0	<4.0	<21	<8.6	<8.6	<4.0	<4.0	<8.0	<4.0	<0.80	<2.0	<8.6	<8.6	<0.43	<0.43	<4.3	<0.40	<0.40
Bromodichloromethane	*0.06*	**0.6**	ug/L	<1.7	<8.5	<3.4	<3.4	<1.7	<1.7	<19	<7.4	<7.4	<1.7	<1.7	<3.4	<1.7	<0.34	<0.85	<7.4	<7.4	<0.37	<0.37	<3.7	<0.17	<0.17
Bromoform	*0.44*	**4.4**	ug/L	<2.8	<14	<5.6	<5.6	<2.8	<2.8	<24	<9.7	<9.7	<2.8	<2.8	<5.6	<2.8	<0.56	<1.4	<9.7	<9.7	<0.48	<0.48	<4.8	<0.28	<0.28
Bromomethane	*1*	**10**	ug/L	<3.1	<16	<6.2	<6.2	<3.1	<3.1	<40	<16	<16 *	<3.1	<3.1	<6.2	<3.1	<0.62	<1.6	<16	<16	<0.80	<0.80	<8.0	<0.31	<0.31
Carbon tetrachloride	*0.5*	**5**	ug/L	<2.6	<13	<5.2	<5.2	<2.6	<2.6	<19	<7.7	<7.7	<2.6	<2.6	<5.2	<2.6	<0.52	<1.3	<7.7	<7.7	<0.38	<0.38	<3.8	<0.26	<0.26
Chlorobenzene			ug/L	<1.4	<7.0	<2.8	<2.8	<1.4	<1.4	<19	<7.7	<7.7	<1.4	<1.4	<2.8	<1.4	<0.28	<0.70	<7.7	<7.7	<0.39	<0.39	<3.9	<0.14	<0.14
Chloroethane	*80*	**400**	ug/L	<2.0	<10	<6.8	<6.8	<3.4	<3.4	<24	<10	<10	<2.0	<2.0	<6.8	<3.4	<0.68	<1.7	<9.4	<9.4	<0.51	<0.51	<5.1	<0.20	<0.34
Chloroform	*0.6*	**6**	ug/L	<1.8	<9.0	<4.0	<4.0	<2.0	<2.0	<19	<7.4	<7.4	<1.8	<1.8	<4.0	<2.0	<0.40	<1.0	<7.4	<7.4	<0.37	<0.37	<3.7	<0.18	<0.20
Chloromethane	*0.3*	**3**	ug/L	<1.2	<6.0	<3.6	<3.6	<1.8	<1.8	<16	<6.4	<6.4	<1.2	<1.2	<3.6	<1.8	<0.36	<0.90	<6.4	<6.4	<0.32	<0.32	<3.2	<0.12	<0.18
cis-1,2-Dichloroethene	*7*	**70**	ug/L	<1.8	<9.0	<2.4	<2.4	<1.2	<1.2	<20	<8.2	<8.2	<1.8	<1.8	<2.4	<1.2	<0.24	<0.60	<8.2	<8.2	<0.41	<0.41	<4.1	<0.18	<0.12
cis-1,3-Dichloropropene			ug/L	<3.2	<16	<3.6	<3.6	<1.8	<1.8	<21	<8.3	<8.3	<3.2	<3.2	<3.6	<1.8	<0.36	<0.90	<8.3	<8.3	<0.42	<0.42	<4.2	<0.32	<0.18
Dibromochloromethane			ug/L	<3.4	<17	<6.4	<6.4	<3.2	<3.2	<24	<9.8	<9.8	<3.4	<3.4	<6.4	<6.4	<0.64	<1.6	<9.8	<9.8	<0.49	<0.49	<4.9	<0.34	<0.32
Dibromomethane			ug/L	<3.3	<17	<6.6	<6.6	<3.3	<3.3	<14	<5.4	<5.4	<3.3	<3.3	<6.6	<3.3	<0.66	<1.7	<5.4	<5.4	<0.27	<0.27	<2.7	<0.33	<0.33
Dichlorodifluoromethane	*200*	**1000**	ug/L	<2.0	<10	<4.0	<4.0	<2.0	<2.0	<27	<13	<13	<2.0	<2.0	<4.0	<2.0	<0.40	<1.0	<11	<11	<0.67	<0.67	<6.7	<0.20	<0.20
Ethylbenzene	*140*	**700**	ug/L	*250*	*170*	*170*	*210*	130	*140*	*110*	*210*	120	*190*	45	100	54	40	31	93	79	10	12	120	<0.13	<0.13
Hexachlorobutadiene			ug/L	<2.6	<13	<5.2	<5.2	<2.6	<2.6	<22	<8.9	<8.9	<2.6	<2.6	<5.2	<2.6	<0.52	<1.3	<8.9	<8.9	<0.45	<0.45	<4.5	<0.26	<0.26
Isopropyl ether			ug/L	<1.5	<7.5	<3.0	<3.0	<1.5	<1.5	<14	<5.5	<5.5	<1.5	<1.5	<3.0	<1.5	<0.30	<0.75	<5.5	<5.5	<0.28	<0.28	<2.8	<0.15	<0.15
Isopropylbenzene			ug/L	34	<7.0	28	28	18	19	<19	22	14 J	9.7 J	<1.4	<2.8	<1.4	2.4	<0.70	<7.7	<7.7	0.51 J	0.6 J	<3.9	<0.14	<0.14
Methyl tert-butyl ether	*12*	**60**	ug/L	<2.4	<12	<4.8	<4.8	<2.4	<2.4	<20	<7.9	<7.9	<2.4	<2.4	<4.8	<2.4	<0.48	<1.2	<7.9	<7.9	<0.39	<0.39	<3.9	<0.24	<0.24
Methylene Chloride	*0.5*	**5**	ug/L	<6.8	<34	<14	<14	<6.8	<6.8	<82	<33	<33	<6.8	<6.8	<14	<6.8	<1.4	<3.4	<33	<33	<1.6	<1.6	<16	<0.68	<0.68
Naphthalene	*10*	**100**	ug/L	**17000**	**15000**	**8400**	**15000**	NA	NA	**16000**	NA	NA	**16000**	**3100**	**4100**	**3000**	NA	NA	**8400**	**8400**	NA	NA	NA	<0.16	<0.23
n-Butylbenzene			ug/L	<1.3	<6.5	<2.6	<2.6	<1.3	<1.3	<19	<7.8	<7.8	<1.3	<1.3	<2.6	<1.3	<0.26	<0.65	<7.8	<7.8	<0.39	<0.39	<3.9	<0.13	<0.13
N-Propylbenzene			ug/L	18	<6.5	14	12 J	7.2 J	8.5 J	<21	<8.3	<8.3	<1.3	<1.3	<2.6	<1.3	<0.26	<0.65	<8.3	<8.3	<0.41	<0.41	<4.1	<0.13	<0.13
p-Isopropyltoluene			ug/L	<1.7	<8.5	<3.4	<3.4	<1.7	6.7 J	<18	<7.2	<7.2	<1.7	<1.7	<3.4	<1.7	<0.34	<0.85	<7.2	<7.2	0.7 J	0.77 J	<3.6	<0.17	<0.17
sec-Butylbenzene			ug/L	<1.5	<7.5	<3.0	<3.0	<1.5	<1.5	<20	<8.0	<8.0	<1.5	<1.5	<3.0	<1.5	<0.30	<0.75	<8.0	<8.0	<0.40	<0.40	<4.0	<0.15	<0.15
Styrene	*10*	**100**	ug/L	<1.0	<5.0	<2.0	<2.0	<1.0	<1.0	<19	<7.7	<7.7	<1.0	*15*	*28*	<1.0	<0.20	<0.50	<7.7	<7.7	<0.39	<0.39	<3.9	<0.10	<0.10
tert-Butylbenzene			ug/L	<1.4	<7.0	<2.8	<2.8	<1.4	<1.4	<20	<8.0	<8.0	<1.4	<1.4	<2.8	<1.4	<0.28	<0.70	<8.0	<8.0	<0.40	<0.40	<4.0	<0.14	<0.14
Tetrachloroethene	*0.5*	**5**	ug/L	<1.7	<8.5	<3.4	<3.4	<1.7	<1.7	<19	<7.4	<7.4	<1.7	<1.7	<3.4	<1.7	<0.34	<0.85	<7.4	<7.4	<0.37	<0.37	<3.7	<0.17	<0.17
Toluene	*200*	**1000**	ug/L	*700*	*910*	*530*	*420*	*230*	*270*	*210*	*350*	140	*620*	67	160	88	90	48	150	130	14	15	*280*	<0.11	<0.11
trans-1,2-Dichloroethene	*20*	**100**	ug/L	<2.5	*<13*	<5.0	<5.0	<2.5	<2.5	<17	*<7.0*	<7.0	<2.5	<2.5	<5.0	<2.5	<0.50	<1.3	<7.0	<7.0	<0.35	<0.35	<3.5	<0.25	<0.25
trans-1,3-Dichloropropene			ug/L	<2.1	<11	<4.2	<4.2	<2.1	<2.1	<18	<7.2	<7.2	<2.1	<2.1	<4.2	<2.1	<0.42	<1.1	<7.2	<7.2	<0.36	<0.36	<3.6	<0.21	<0.21
Trichloroethene	*0.5*	**5**	ug/L	<1.9	<9.5	<3.8	<3.8	<1.9	<1.9	<8.2	<3.3	<3.3	<1.9	<1.9	<3.8	<1.9	<0.38	<0.95	<3.3	<3.3	<0.16	<0.16	<1.6	<0.19	<0.19
Trichlorofluoromethane			ug/L	<1.9	<9.5	<3.8	<3.8	<1.9	<1.9	<21	<8.5	<8.5	<1.9	<1.9	<3.8	<1.9	<0.38	<0.95	<8.5	<8.5	<0.43	<0.43	<4.3	<0.19	<0.19
Vinyl chloride	*0.02*	**0.2**	ug/L	<1.0	<5.0	<2.0	<2.0	<1.0	<1.0	<10	<4.1	<4.1	<1.0	<1.0	<2.0	<1.0	<0.20	<0.50	<4.1	<4.1	<0.20	<0.20	<2.0	<0.10	<0.10
Xylenes, Total	*1000*	**10000**	ug/L	*1000*	*1200*	810	*1300*	840	900	770	930	500	*1100*	370	660	350	310	240	550	470	72	83	670	<0.068	<0.068

Wells MW-106, -109 and -114 not sampled due to DNAPL

Italic : Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

	WDNR NR140		Units	MW-126	MW-126	MW-126	MW-126	MW-126	MW-126	MW-126	MW-126	MW-126	MW-127	MW-127	MW-127	MW-127	MW-127	MW-127	MW-127	MW-127	MW-127	MW-128	MW-128	MW-128	MW-128	MW-128	MW-128	MW-28	MW-128	MW-128
	PAL	ES		1/21/15	4/7/15	10/22/15	1/7/16	4/7/16	7/27/16	10/31/16	1/9/17	6/16/17	1/21/15	4/8/15	10/22/15	1/7/16	4/7/16	7/27/16	10/31/16	1/9/17	6/16/17	1/21/15	4/8/15	10/22/15	1/7/16	4/7/16	7/27/16	10/31/16	1/9/17	6/21/17
1,1,1,2-Tetrachloroethane	*7*	**70**	ug/L	<0.25	<0.25	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.25	<0.25	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.25	<0.25	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,1,1-Trichloroethane	*40*	**200**	ug/L	<0.20	<0.20	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.20	<0.20	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.20	<0.20	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,1,2,2-Tetrachloroethane	*0.02*	**0.2**	ug/L	<0.23	<0.23	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.23	<0.23	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.23	<0.23	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
1,1,2-Trichloroethane	*0.5*	**5**	ug/L	<0.28	<0.28	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.28	<0.28	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.28	<0.28	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,1-Dichloroethane	*85*	**850**	ug/L	<0.19	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.19	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.19	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,1-Dichloroethene	*0.7*	**7**	ug/L	<0.31	<0.31	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.31	<0.31	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.31	<0.31	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,1-Dichloropropene			ug/L	<0.34	<0.34	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.34	<0.34	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.34	<0.34	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,2,3-Trichlorobenzene			ug/L	<0.24	<0.24	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.24	<0.24	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.24	<0.24	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,2,3-Trichloropropane	*12*	**60**	ug/L	<0.45	<0.45	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.45	<0.45	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.45	<0.45	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,2,4-Trichlorobenzene	*14*	**70**	ug/L	<0.31	<0.31	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.31	<0.31	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.31	<0.31	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,2,4-Trimethylbenzene	*96*	**480**	ug/L	<0.14	<0.14	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.14	<0.14	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.14	<0.14	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,2-Dibromo-3-Chloropropane	*0.02*	**0.2**	ug/L	<0.87	<0.87	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.87	<0.87	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.87	<0.87	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2-Dibromoethane (EDB)	*0.005*	**0.05**	ug/L	<0.36	<0.36	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.36	<0.36	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.36	<0.36	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichlorobenzene	*60*	**600**	ug/L	<0.27	<0.27	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.27	<0.27	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.27	<0.27	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,2-Dichloroethane	*0.5*	**5**	ug/L	<0.28	<0.28	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.28	<0.28	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.28	<0.28	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloropropane	*0.5*	**5**	ug/L	<0.20	<0.20	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.20	<0.20	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.20	<0.20	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
1,3,5-Trimethylbenzene	*96*	**480**	ug/L	<0.18	<0.18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.18	<0.18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.18	<0.18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
1,3-Dichlorobenzene	*125*	**1250**	ug/L	<0.15	<0.15	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.15	<0.15	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.15	<0.15	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
1,3-Dichloropropane	*0.02*	**0.2**	ug/L	<0.13	<0.13	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.13	<0.13	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.13	<0.13	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,4-Dichlorobenzene	*15*	**75**	ug/L	<0.15	<0.15	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.15	<0.15	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.15	<0.15	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
2,2-Dichloropropane			ug/L	<0.32	<0.32	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.32	<0.32	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.32	<0.32	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
2-Chlorotoluene			ug/L	<0.21	<0.21	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.21	<0.21	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.21	<0.21	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31
4-Chlorotoluene			ug/L	<0.20	<0.20	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.20	<0.20	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.20	<0.20	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Benzene	*0.5*	**5**	ug/L	<0.074	<0.074	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.074	<0.074	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.074	<0.074	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Bromobenzene			ug/L	<0.25	<0.25	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.25	<0.25	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.25	<0.25	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Bromochloromethane			ug/L	<0.40	<0.40	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.40	<0.40	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.40	<0.40	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Bromodichloromethane	*0.06*	**0.6**	ug/L	<0.17	<0.17	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.17	<0.17	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.17	<0.17	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Bromoform	*0.44*	**4.4**	ug/L	<0.28	<0.28	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.28	<0.28	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.28	<0.28	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Bromomethane	*1*	**10**	ug/L	<0.31	<0.31	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.31	<0.31	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.31	<0.31	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
Carbon tetrachloride	*0.5*	**5**	ug/L	<0.26	<0.26	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.26	<0.26	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.26	<0.26	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
Chlorobenzene			ug/L	<0.14	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.14	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.14	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Chloroethane	*80*	**400**	ug/L	<0.34	<0.34	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.34	<0.34	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.34	<0.34	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloroform	*0.6*	**6**	ug/L	<0.20	<0.20	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.20	<0.20	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.20	<0.20	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloromethane	*0.3*	**3**	ug/L	14 B	<0.18	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	21 B	<0.18	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	15 B	<0.18	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
cis-1,2-Dichloroethene	*7*	**70**	ug/L	<0.12	<0.12	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.12	<0.12	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.12	<0.12	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
cis-1,3-Dichloropropene			ug/L	<0.18	<0.18	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.18	<0.18	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.18	<0.18	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
Dibromochloromethane			ug/L	<0.32	<0.32	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.32	<0.32	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.32	<0.32	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
Dibromomethane			ug/L	<0.33	<0.33	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.33	<0.33	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.33	<0.33	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
Dichlorodifluoromethane	*200*	**1000**	ug/L	<0.20	<0.20	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.20	<0.20	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.20	<0.20	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67 *
Ethylbenzene	*140*	**700**	ug/L	<0.13	<0.13	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.13	<0.13	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.13	<0.13	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Hexachlorobutadiene			ug/L	<0.26	<0.26	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.26	<0.26	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.26	<0.26	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Isopropyl ether			ug/L	<0.15	<0.15	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.15	<0.15	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.15	<0.15	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
Isopropylbenzene			ug/L	<0.14	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.14	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.14	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methyl tert-butyl ether	*12*	**60**	ug/L	<0.24	<0.24	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.24	<0.24	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.24	<0.24	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	*0.5*	**5**	ug/L	<0.68	<0.68	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<0.68	<0.68	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<0.68	<0.68	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Naphthalene	*10*	**100**	ug/L	NA	NA	<0.34	NA	NA	<0.34	<0.23	<0.34	NA	NA	NA	<0.34	NA	NA	<0.34	<0.23	<0.34	NA	NA	NA	<0.34	NA	NA	<0.34	<0.23	<0.34	NA
n-Butylbenzene			ug/L	<0.13	<0.13	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.13	<0.13	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.13	<0.13	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
N-Propylbenzene			ug/L	<0.13	<0.13	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.13	<0.13	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.13	<0.13	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
p-Isopropyltoluene			ug/L	<0.17	<0.17	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.17	<0.17	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.17	<0.17	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
sec-Butylbenzene			ug/L	<0.15	<0.15	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.15	<0.15	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.15	<0.15	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Styrene	*10*	**100**	ug/L	<0.10	<0.10	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.10	<0.10	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.10	<0.10	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
tert-Butylbenzene			ug/L	<0.14	<0.14	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.14	<0.14	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.14	<0.14	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Tetrachloroethene	*0.5*	**5**	ug/L	<0.17	<0.17	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.17	<0.17	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.17	<0.17	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Toluene	*200*	**1000**	ug/L	<0.11	<0.11	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.11	<0.11	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.11	<0.11	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
trans-1,2-Dichloroethene	*20*	**100**	ug/L	<0.25	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.25	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.25	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
trans-1,3-Dichloropropene			ug/L	<0.21	<0.21	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.21	<0.21	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.21	<0.21	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Trichloroethene	*0.5*	**5**	ug/L	<0.19	<0.19	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.19	<0.19	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.19	<0.19	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane			ug/L	<0.19	<0.19	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.19	<0.19	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.19	<0.19	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43 *
Vinyl chloride	*0.02*	**0.2**	ug/L	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Xylenes, Total	*1000*	**10000**	ug/L	<0.068	<0.068	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.068	<0.068	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.068	<0.068	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22

Wells MW-106, -109 and -114 not sampled due to DNAPL

Italic: Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

	WDNR NR140		Units	MW-129	MW-129	MW-129	MW-129	MW-129	MW-129	MW-129	MW-129	MW-129	MW-130	MW-130	MW-130	MW-130	MW-130	MW-130	MW-130	MW-130	MW-130	MW-131	MW-131	MW-131	MW-131	MW-131	MW-131 Dup	MW-131	MW-131 Dup	MW-131	MW-131 Dup	MW-131	MW-131
	PAL	ES		3/2/15	4/8/15	10/22/15	1/6/16	4/7/16	7/27/16	10/31/16	1/9/17	6/21/17	3/2/15	4/8/15	10/22/15	1/7/16	4/7/16	7/27/16	10/31/16	1/9/17	6/16/17	3/2/15	4/8/15	10/22/15	1/7/16	4/7/16	4/7/16	7/27/16	7/27/16	10/31/16	10/31/16	1/9/17	6/16/17
1,1,1,2-Tetrachloroethane	*7*	**70**	ug/L	<0.25	<0.25	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<1.3	<2.5	<9.2	<2.3	<4.6	<2.3	<4.6	<0.46	<2.3	<0.25	<0.25	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,1,1-Trichloroethane	*40*	**200**	ug/L	<0.20	<0.20	<0.38	<0.47	<0.38	<0.38	<0.38	<0.38	<0.38	<1.0	<2.0	<7.6	<1.9	<3.8	<1.9	<3.8	<0.38	<1.9	<0.20	<0.20	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,1,2,2-Tetrachloroethane	*0.02*	**0.2**	ug/L	<0.23	<0.23	<0.40	<0.48	<0.40	<0.40	<0.40	<0.40	<0.40	<1.2	<2.3	<8.0	<2.0	<4.0	<2.0	<4.0	<0.40	<2.0	<0.23	<0.23	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
1,1,2-Trichloroethane	*0.5*	**5**	ug/L	<0.28	<0.28	<0.35	<0.49	<0.35	<0.35	<0.35	<0.35	<0.35	<1.4	<2.8	<7.0	<1.8	<3.5	<1.8	<3.5	<0.35	<1.8	<0.28	<0.28	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,1-Dichloroethane	*85*	**850**	ug/L	<0.19	<0.19	<0.41	<0.50	<0.41	<0.41	<0.41	<0.41	<0.41	<0.95	<1.9	<8.2	<2.1	<4.1	<2.1	<4.1	<0.41	<2.1	<0.19	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,1-Dichloroethene	*0.7*	**7**	ug/L	<0.31	<0.31	<0.39	<0.51	<0.39	<0.39	<0.39	<0.39	<0.39	<1.6	<3.1	<7.8	<2.0	<3.9	<2.0	<3.9	<0.39	<2.0	<0.31	<0.31	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,1-Dichloropropene			ug/L	<0.34	<0.34	<0.30	<0.52	<0.30	<0.30	<0.30	<0.30	<0.30	<1.7	<3.4	<5.9	<1.5	<3.0	<1.5	<3.0	<0.30	<1.5	<0.34	<0.34	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,2,3-Trichlorobenzene			ug/L	<0.24	<0.24	<0.46	<0.53	<0.46	<0.46	<0.46	<0.46	<0.46	<1.2	<2.4	<9.2	<2.3	<4.6	<2.3	<4.6	<0.46	<2.3	<0.24	<0.24	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,2,3-Trichloropropane	*12*	**60**	ug/L	<0.45	<0.45	<0.41	<0.54	<0.41	<0.41	<0.41	<0.41	<0.41	<2.3	<4.5	<8.3	<2.1	<4.1	<2.1	<4.1	<0.41	<2.1	<0.45	<0.45	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,2,4-Trichlorobenzene	*14*	**70**	ug/L	<0.31	<0.31	<0.34	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<1.6	<3.1	<6.8	<1.7	<3.4	<1.7	<3.4	<0.34	<1.7	<0.31	<0.31	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,2,4-Trimethylbenzene	*96*	**480**	ug/L	<0.14	<0.14	<0.36	<0.56	<0.36	<0.36	<0.36	<0.36	<0.36	60	51	37	15	12	34	42	5.7	11	0.53 J	<0.14	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,2-Dibromo-3-Chloropropane	*0.02*	**0.2**	ug/L	<0.87	<0.87	<2.0	<0.57	<2.0	<2.0	<2.0	<2.0	<2.0	<4.4	<8.7	<40	<10	<20	<10	<20	<2.0	<10	<0.87	<0.87	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2-Dibromoethane (EDB)	*0.005*	**0.05**	ug/L	<0.36	<0.36	<0.39	<0.58	<0.39	<0.39	<0.39	<0.39	<0.39	<1.8	<3.6	<7.7	<1.9	<3.9	<1.9	<3.9	<0.39	<1.9	<0.36	<0.36	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichlorobenzene	*60*	**600**	ug/L	<0.27	<0.27	<0.33	<0.59	<0.33	<0.33	<0.33	<0.33	<0.33	<1.4	<2.7	<6.7	<1.7	<3.3	<1.7	<3.3	<0.33	<1.7	<0.27	<0.27	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,2-Dichloroethane	*0.5*	**5**	ug/L	<0.28	<0.28	<0.39	<0.60	<0.39	<0.39	<0.39	<0.39	<0.39	<1.4	<2.8	<7.8	<2.0	<3.9	<2.0	<3.9	<0.39	<2.0	<0.28	<0.28	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloropropane	*0.5*	**5**	ug/L	<0.20	<0.20	<0.43	<0.61	<0.43	<0.43	<0.43	<0.43	<0.43	<1.0	<2.0	<8.6	<2.1	<4.3	<2.1	<4.3	<0.43	<2.1	<0.20	<0.20	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
1,3,5-Trimethylbenzene	*96*	**480**	ug/L	<0.18	<0.18	<0.25	<0.62	<0.25	<0.25	<0.25	<0.25	<0.25	30	27	20	8.8	7.4 J	18	22	3.5	7.1	<0.18	<0.18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
1,3-Dichlorobenzene	*125*	**1250**	ug/L	<0.15	<0.15	<0.40	<0.63	<0.40	<0.40	<0.40	<0.40	<0.40	<0.75	<1.5	<8.0	<2.0	<4.0	<2.0	<4.0	<0.40	<2.0	<0.15	<0.15	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
1,3-Dichloropropane	*0.02*	**0.2**	ug/L	<0.13	<0.13	<0.36	<0.64	<0.36	<0.36	<0.36	<0.36	<0.36	<0.65	<1.3	<7.2	<1.8	<3.6	<1.8	<3.6	<0.36	<1.8	<0.13	<0.13	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,4-Dichlorobenzene	*15*	**75**	ug/L	<0.15	<0.15	<0.36	<0.65	<0.36	<0.36	<0.36	<0.36	<0.36	<0.75	<1.5	<7.3	<1.8	<3.6	<1.8	<3.6	<0.36	<1.8	<0.15	<0.15	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
2,2-Dichloropropane			ug/L	<0.32	<0.32	<0.44	<0.66	<0.44	<0.44	<0.44	<0.44	<0.44	<1.6	<3.2	<8.9	<2.2	<4.4	<2.2	<4.4	<0.44	<2.2	<0.32	<0.32	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
2-Chlorotoluene			ug/L	<0.21	<0.21	<0.31	<0.67	<0.31	<0.31	<0.31	<0.31	<0.31	<1.1	<2.1	<6.3	<1.6	<3.1	<1.6	<3.1	<0.31	<1.6	<0.21	<0.21	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31
4-Chlorotoluene			ug/L	<0.20	<0.20	<0.35	<0.68	<0.35	<0.35	<0.35	<0.35	<0.35	<1.0	<2.0	<7.0	<1.7	<3.5	<1.7	<3.5	<0.35	<1.7	<0.20	<0.20	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Benzene	*0.5*	**5**	ug/L	0.27 J	<0.074	<0.15	<0.69	<0.15	<0.15	<0.15	<0.15	<0.15	*1.8 J*	*3.3 J*	<2.9	<0.73	<1.5	*3.5*	*<1.5*	<0.15	1.6 J	0.28 J	<0.074	<0.15	<0.15	0.28 J	0.32 J	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Bromobenzene			ug/L	<0.25	<0.25	<0.36	<0.70	<0.36	<0.36	<0.36	<0.36	<0.36	<1.3	<2.5	<7.1	<1.8	<3.6	<1.8	<3.6	<0.36	<1.8	<0.25	<0.25	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Bromochloromethane			ug/L	<0.40	<0.40	<0.43	<0.71	<0.43	<0.43	<0.43	<0.43	<0.43	<2.0	<4.0	<8.6	<2.1	<4.3	<2.1	<4.3	<0.43	<2.1	<0.40	<0.40	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Bromodichloromethane	*0.06*	**0.6**	ug/L	<0.17	<0.17	<0.37	<0.72	<0.37	<0.37	<0.37	<0.37	<0.37	<0.85	<1.7	<7.4	<1.9	<3.7	<1.9	<3.7	<0.37	<1.9	<0.17	<0.17	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Bromoform	*0.44*	**4.4**	ug/L	<0.28	<0.28	<0.48	<0.73	<0.48	<0.48	<0.48	<0.48	<0.48	<1.4	<2.8	<9.7	<2.4	<4.8	<2.4	<4.8	<0.48	<2.4	<0.28	<0.28	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Bromomethane	*1*	**10**	ug/L	<0.31	<0.31	<0.80	<0.74	<0.80	<0.80	<0.80	<0.80	<0.80	<1.6	<3.1	<16	<4.0	<8.0	<4.0	<8.0	<0.80	<4.0	<0.31	<0.31	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80 *
Carbon tetrachloride	*0.5*	**5**	ug/L	<0.26	<0.26	<0.38	<0.75	<0.38	<0.38	<0.38	<0.38	<0.38	<1.3	<2.6	<7.7	<1.9	<3.8	<1.9	<3.8	<0.38	<1.9	<0.26	<0.26	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
Chlorobenzene			ug/L	<0.14	<0.14	<0.39	<0.76	<0.39	<0.39	<0.39	<0.39	<0.39	<0.70	<1.4	<7.7	<1.9	<3.9	<1.9	<3.9	<0.39	<1.9	<0.14	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Chloroethane	*80*	**400**	ug/L	<0.34	<0.34	<0.51	<0.77	<0.51	<0.51	<0.51	<0.51	<0.51	<1.7	<3.4	<9.4	<2.5	<5.1	<2.5	<5.1	<0.51	<2.5	<0.34	<0.34	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloroform	*0.6*	**6**	ug/L	<0.20	<0.20	<0.37	<0.78	<0.37	<0.37	<0.37	<0.37	<0.37	<1.0	<2.0	<7.4	<1.9	<3.7	<1.9	<3.7	<0.37	<1.9	<0.20	<0.20	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloromethane	*0.3*	**3**	ug/L	<0.18	<0.18	<0.32	<0.79	<0.32	<0.32	<0.32	<0.32	<0.32	<0.90	<1.8	<6.4	<1.6	<3.2	<1.6	<3.2	<0.32	<1.6	<0.18	<0.18	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
cis-1,2-Dichloroethene	*7*	**70**	ug/L	<0.12	<0.12	<0.41	<0.80	<0.41	<0.41	<0.41	<0.41	<0.41	<0.60	<1.2	<8.2	<2.0	<4.1	<2.0	<4.1	<0.41	<2.0	<0.12	<0.12	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
cis-1,3-Dichloropropene			ug/L	<0.18	<0.18	<0.42	<0.81	<0.42	<0.42	<0.42	<0.42	<0.42	<0.90	<1.8	<8.3	<2.1	<4.2	<2.1	<4.2	<0.42	<2.1	<0.18	<0.18	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
Dibromochloromethane			ug/L	<0.32	<0.32	<0.49	<0.82	<0.49	<0.49	<0.49	<0.49	<0.49	<1.6	<3.2	<9.8	<2.4	<4.9	<2.4	<4.9	<0.49	<2.4	<0.32	<0.32	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
Dibromomethane			ug/L	<0.33	<0.33	<0.27	<0.83	<0.27	<0.27	<0.27	<0.27	<0.27	<1.7	<3.3	<5.4	<1.4	<2.7	<1.4	<2.7	<0.27	<1.4	<0.33	<0.33	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
Dichlorodifluoromethane	*200*	**1000**	ug/L	<0.20	<0.20	<0.67	<0.84	<0.67	<0.67	<0.67	<0.67	<0.67 *	<1.0	<2.0	<11	<3.4	<6.7	<3.4	<6.7	<0.67	<3.4	<0.20	<0.20	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Ethylbenzene	*140*	**700**	ug/L	<0.13	<0.13	<0.18	<0.85	<0.18	<0.18	<0.18	<0.18	<0.18	*220*	*220*	*170*	38	23	*150*	*160*	7.3	41	0.45 J	0.8	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Hexachlorobutadiene			ug/L	<0.26	<0.26	<0.45	<0.86	<0.45	<0.45	<0.45	<0.45	<0.45	<1.3	<2.6	<8.9	<2.2	<4.5	<2.2	<4.5	<0.45	<2.2	<0.26	<0.26	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Isopropyl ether			ug/L	<0.15	<0.15	<0.28	<0.87	<0.28	<0.28	<0.28	<0.28	<0.28	<0.75	<1.5	<5.5	<1.4	<2.8	<1.4	<2.8	<0.28	<1.4	<0.15	<0.15	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
Isopropylbenzene			ug/L	<0.14	<0.14	<0.39	<0.88	<0.39	<0.39	<0.39	<0.39	<0.39	90	84	62	14	<3.9	46	61	2.9	20	0.54 J	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methyl tert-butyl ether	*12*	**60**	ug/L	<0.24	<0.24	<0.39	<0.89	<0.39	<0.39	<0.39	<0.39	<0.39	<1.2	<2.4	<7.9	<2.0	<3.9	<2.0	<3.9	<0.39	<2.0	<0.24	<0.24	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	*0.5*	**5**	ug/L	<0.68	<0.68	<1.6	<0.90	<1.6	<1.6	<1.6	<1.6	<1.6	<3.4	**140**	<33.0	<8.2	<16	<8.2	<16	<1.6	<8.2	<0.68	<0.68	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Naphthalene	*10*	**100**	ug/L	NA	NA	<0.34	NA	NA	<0.34	<0.23	<0.34	NA	NA	NA	**8800**	NA	NA	**6200**	**6600**	**1200**	NA	NA	NA	<0.34	NA	NA	NA	<0.34	<0.34	2.4	1.3	<0.34	NA
n-Butylbenzene			ug/L	<0.13	<0.13	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.65	<1.3	<7.8	<1.9	<3.9	<1.9	<3.9	<0.39	<1.9	<0.13	<0.13	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
N-Propylbenzene			ug/L	<0.13	<0.13	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	3.6 J	<1.3	<8.3	<2.1	<4.1	<2.1	<4.1	<0.41	3.9 J	<0.13	<0.13	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
p-Isopropyltoluene			ug/L	<0.17	<0.17	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.85	<1.7	<7.2	<1.8	<3.6	<1.8	<3.6	0.5	<1.8	<0.17	<0.17	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
sec-Butylbenzene			ug/L	<0.15	<0.15	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.75	<1.5	<8.0	<2.0	<4.0	<2.0	<4.0	<0.40	<2.0	<0.15	<0.15	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Styrene	*10*	**100**	ug/L	<0.10	<0.10	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.50	<1.0	<7.7	<1.9	<3.9	<1.9	<3.9	<0.39	<1.9	<0.10	<0.10	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
tert-Butylbenzene			ug/L	<0.14	<0.14	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.70	<1.4	<8.0	<2.0	<4.0	<2.0	<4.0	<0.40	<2.0	<0.14	<0.14	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Tetrachloroethene	*0.5*	**5**	ug/L	<0.17	<0.17	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.85	<1.7	<7.4	<1.9	<3.7	<1.9	<3.7	<0.37	<1.9	<0.17	<0.17	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Toluene	*200*	**1000**	ug/L	0.61	<0.11	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	10	9.2	7.7 J	2.8	<1.5	10	7.7	0.77	1.7 J	0.33 J	<0.11	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
trans-1,2-Dichloroethene	*20*	**100**	ug/L	<0.25	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<1.3	<2.5	<7.0	<1.7	<3.5	<1.7	<3.5	<0.35	<1.7	<0.25	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
trans-1,3-Dichloropropene			ug/L	<0.21	<0.21	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<1.1	<2.1	<7.2	<1.8	<3.6	<1.8	<3.6	<0.36	<1.8	<0.21	<0.21	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Trichloroethene	*0.5*	**5**	ug/L	<0.19	<0.19	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.95	<1.9	<3.3	<0.82	<1.6	<0.82	<1.6	<0.16	<0.82	<0.19	<0.19	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane			ug/L	<0.19	<0.19	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.95	<1.9	<8.5	<2.1	<4.3	<2.1	<4.3	<0.43	<2.1	<0.19	<0.19	<0.43	<0.43 *	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl chloride	*0.02*	**0.2**	ug/L	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.50	<1.0	<4.1	<1.0	<2.0	<1.0	<2.0	<0.20	<1.0	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Xylenes, Total	*1000*	**10000**	ug/L	0.43 J	<0.068	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	250	220	170	65	51	150	160	22	43	0.28 J	3.6	1.2	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22

Wells MW-106, -109 and -114 not sampled due to DNAPL

Italic: Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

	WDNR NR140		Units	MW-132	MW-132	MW-132	MW-132	MW-132	MW-132	MW-132	MW-132	MW-132 Dup	MW-132	MW-133	MW-133	MW-133	MW-133	MW-133	MW-133	MW-133	MW-133	MW-134	MW-134	MW-134	MW-134	MW-134	MW-134	MW-134	MW-134	MW-134
	PAL	ES		3/2/15	4/8/15	10/22/15	1/7/16	4/7/16	7/27/16	10/31/16	1/9/17	1/9/17	6/16/17	4/8/15	10/26/15	4/7/16	7/27/16	10/31/16	1/9/17	4/7/17	6/16/17	3/2/15	4/7/15	10/22/15	1/7/16	4/7/16	7/27/16	10/31/16	1/9/17	6/20/17
1,1,1,2-Tetrachloroethane	*7*	**70**	ug/L	<0.25	<0.25	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.25	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.25	<0.25	<2.3	<0.46	<2.3	<0.46	<2.3	<0.92	<0.92
1,1,1-Trichloroethane	*40*	**200**	ug/L	<0.20	<0.20	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.20	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.20	<0.20	<1.9	<0.38	<1.9	<0.38	<1.9	<0.76	<0.76
1,1,2,2-Tetrachloroethane	*0.02*	**0.2**	ug/L	<0.23	<0.23	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.23	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.23	<0.23	<2.0	<0.40	<2.0	<0.40	<2.0	<0.80	<0.80
1,1,2-Trichloroethane	*0.5*	**5**	ug/L	<0.28	<0.28	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.28	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.28	<0.28	<1.8	<0.35	<1.8	<0.35	<1.8	<0.70	<0.70
1,1-Dichloroethane	*85*	**850**	ug/L	<0.19	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.19	<0.19	<2.1	<0.41	<2.1	<0.41	<2.1	<0.82	<0.82
1,1-Dichloroethene	*0.7*	**7**	ug/L	<0.31	<0.31	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.31	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.31	<0.31	<2.0	<0.39	<2.0	<0.39	<2.0	<0.78	<0.78
1,1-Dichloropropene			ug/L	<0.34	<0.34	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.34	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.34	<0.34	<1.5	<0.30	<1.5	<0.30	<1.5	<0.59	<0.59
1,2,3-Trichlorobenzene			ug/L	3.6	1.5	3.5	1.7	1.4	2.1	0.81J	1.6	1.5	1.8	<0.24	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.24	<0.24	<2.3	<0.46	<2.3	<0.46	<2.3	<0.92	<0.92
1,2,3-Trichloropropane	*12*	**60**	ug/L	<0.45	<0.45	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.45	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.45	<0.45	<2.1	<0.41	<2.1	<0.41	<2.1	<0.83	<0.83
1,2,4-Trichlorobenzene	*14*	**70**	ug/L	10	2.5	9.2	4.1	4.3	6.9	2.9	4.1	4.3	4.7	<0.31	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.31	<0.31	<1.7	<0.34	<1.7	<0.34	<1.7	<0.68	<0.68
1,2,4-Trimethylbenzene	*96*	**480**	ug/L	87	<0.14	1.5	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.14	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	78	53	*140*	27	39	31	72	44	57
1,2-Dibromo-3-Chloropropane	*0.02*	**0.2**	ug/L	<0.87	<0.87	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.87	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.87	<0.87	<10	<2.0	<10	<2.0	<10	<4.0	<4.0
1,2-Dibromoethane (EDB)	*0.005*	**0.05**	ug/L	<0.36	<0.36	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.36	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.36	<0.36	<1.9	<0.39	<1.9	<0.39	<1.9	<0.77	<0.77
1,2-Dichlorobenzene	*60*	**600**	ug/L	*76*	17	*67*	24	28	38	13	17	20	17	<0.27	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.27	<0.27	<1.7	<0.33	<1.7	<0.33	<1.7	<0.67	<0.67
1,2-Dichloroethane	*0.5*	**5**	ug/L	<0.28	<0.28	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.28	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.28	<0.28	<2.0	<0.39	<2.0	<0.39	<2.0	<0.78	<0.78
1,2-Dichloropropane	*0.5*	**5**	ug/L	<0.20	<0.20	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.20	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.20	<0.20	<2.1	<0.43	<2.1	<0.43	<2.1	<0.86	<0.86
1,3,5-Trimethylbenzene	*96*	**480**	ug/L	25	<0.18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	19	12	47	6.2	13	10	28	16	23
1,3-Dichlorobenzene	*125*	**1250**	ug/L	5.9	7.9	8.1	6.5	6.8	10	7.3	5.9	6	8.2	<0.15	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.15	<0.15	<2.0	<0.40	<2.0	<0.40	<2.0	<0.80	<0.80
1,3-Dichloropropane	*0.02*	**0.2**	ug/L	<0.13	<0.13	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.13	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.13	<0.13	<1.8	<0.36	<1.8	<0.36	<1.8	<0.72	<0.72
1,4-Dichlorobenzene	*15*	**75**	ug/L	3.2	1.8	3.4	2.5	1.9	2.7	1.1	1.2	1.2	1.3	<0.15	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.15	<0.15	<1.8	<0.36	<1.8	<0.36	<1.8	<0.73	<0.73
2,2-Dichloropropane			ug/L	<0.32	<0.32	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.32	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.32	<0.32	<2.2	<0.44	<2.2	<0.44	<2.2	<0.89	<0.89
2-Chlorotoluene			ug/L	<0.21	<0.21	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.21	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.21	<0.21	<1.6	<0.31	<1.6	<0.31	<1.6	<0.63	<0.63
4-Chlorotoluene			ug/L	<0.20	<0.20	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.20	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.20	<0.20	<1.7	<0.35	<1.7	<0.35	<1.7	<0.70	<0.70
Benzene	*0.5*	**5**	ug/L	**5.5**	0.36 J	*3.2*	*0.97*	*1.1*	*0.87*	0.32J	*0.59*	*0.63*	0.27 J	<0.074	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	**76**	**46**	**190**	**24**	**6.8**	**21**	**17**	**19**	**14**
Bromobenzene			ug/L	<0.25	<0.25	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.25	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.25	<0.25	<1.8	<0.36	<1.8	<0.36	<1.8	<0.71	<0.71
Bromochloromethane			ug/L	<0.40	<0.40	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.40	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.40	<0.40	<2.1	<0.43	<2.1	<0.43	<2.1	<0.86	<0.86
Bromodichloromethane	*0.06*	**0.6**	ug/L	<0.17	<0.17	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.17	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.17	<0.17	<1.9	<0.37	<1.9	<0.37	<1.9	<0.74	<0.74
Bromoform	*0.44*	**4.4**	ug/L	<0.28	<0.28	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.28	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.28	<0.28	<2.4	<0.48	<2.4	<0.48	<2.4	<0.97	<0.97
Bromomethane	*1*	**10**	ug/L	<0.31	<0.31	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.31	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.31	<0.31	<4.0	<0.80	<4.0	<0.80	<4.0	<1.6 *	<1.6
Carbon tetrachloride	*0.5*	**5**	ug/L	<0.26	<0.26	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.26	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.26	<0.26	<1.9	<0.38	<1.9	<0.38	<1.9	<0.77	<0.77
Chlorobenzene			ug/L	4.9	3.3	6.4	2.7	2.8	5	2.1	1.6	1.8	2.1	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.14	<0.14	<1.9	<0.39	<1.9	<0.39	<1.9	<0.77	<0.77
Chloroethane	*80*	**400**	ug/L	<0.34	<0.34	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.34	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.34	<0.34	<2.5	<0.51	<2.5	<0.51	<2.5	<1.0	<1.0
Chloroform	*0.6*	**6**	ug/L	<0.20	<0.20	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.20	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.20	<0.20	<1.9	<0.37	<1.9	<0.37	<1.9	<0.74	<0.74
Chloromethane	*0.3*	**3**	ug/L	<0.18	<0.18	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.18	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.18	<0.18	<1.6	<0.32	<1.6	<0.32	<1.6	<0.64	<0.64
cis-1,2-Dichloroethene	*7*	**70**	ug/L	<0.12	<0.12	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.12	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.12	<0.12	<2.0	<0.41	<2.0	<0.41	<2.0	<0.82	<0.82
cis-1,3-Dichloropropene			ug/L	<0.18	<0.18	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.18	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.18	<0.18	<2.1	<0.42	<2.1	<0.42	<2.1	<0.83	<0.83
Dibromochloromethane			ug/L	<0.32	<0.32	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.32	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.32	<0.32	<2.4	<0.49	<2.4	<0.49	<2.4	<0.98	<0.98
Dibromomethane			ug/L	<0.33	<0.33	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.33	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.33	<0.33	<1.4	<0.27	<1.4	<0.27	<1.4	<0.54	<0.54
Dichlorodifluoromethane	*200*	**1000**	ug/L	<0.20	<0.20	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.20	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.20	<0.20	<3.4	<0.67	<3.4	<0.67	<3.4	<1.3	<1.3
Ethylbenzene	*140*	**700**	ug/L	5.7	0.41 J	0.79	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.13	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	*140*	100	*430*	83	42	64	78	74	48
Hexachlorobutadiene			ug/L	<0.26	<0.26	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.26	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.26	<0.26	<2.2	<0.45	<2.2	<0.45	<2.2	<0.89	<0.89
Isopropyl ether			ug/L	<0.15	<0.15	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.15	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.15	<0.15	<1.4	<0.28	<1.4	<0.28	<1.4	<0.55	<0.55
Isopropylbenzene			ug/L	2.1	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	30	21	100	19	13	17	24	18	15
Methyl tert-butyl ether	*12*	**60**	ug/L	<0.24	<0.24	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.24	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.24	<0.24	<2.0	<0.39	<2.0	<0.39	<2.0	<0.79	<0.79
Methylene Chloride	*0.5*	**5**	ug/L	<0.68	<0.68	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<0.68	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<0.68	<0.68	<8.2	<1.6	<8.2	<1.6	<8.2	**11**	<3.3
Naphthalene	*10*	**100**	ug/L	NA	NA	*25*	NA	NA	2.5	0.67J	<0.34	<0.34	NA	NA	<0.34	NA	<0.34	<0.23	<0.34	<0.34	NA	NA	NA	**4600**	NA	NA	**780**	**720**	**1800**	NA
n-Butylbenzene			ug/L	5.5	<0.13	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.13	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.13	<0.13	<1.9	<0.39	<1.9	2.9	<1.9	<0.78	<0.78
N-Propylbenzene			ug/L	11	<0.13	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.13	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	11	5.9	27	5.4	4.1 J	5.2	7	5	4.3
p-Isopropyltoluene			ug/L	<0.17	<0.17	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.17	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	4.6	3.5	16	3	3.7 J	<0.36	<1.8	<0.72	<0.72
sec-Butylbenzene			ug/L	1.5	<0.15	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.15	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.93 J	<0.15	2.8 J	0.55 J	<2.0	<0.40	<2.0	<0.80	<0.80
Styrene	*10*	**100**	ug/L	<0.10	<0.10	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.10	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.10	<0.10	<1.9	<0.39	<1.9	<0.39	<1.9	<0.77	<0.77
tert-Butylbenzene			ug/L	<0.14	<0.14	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.14	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.14	<0.14	<2.0	<0.40	<2.0	2.8	<2.0	3.1	3.7
Tetrachloroethene	*0.5*	**5**	ug/L	<0.17	<0.17	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.17	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.17	<0.17	<1.9	<0.37	<1.9	<0.37	<1.9	<0.74	<0.74
Toluene	*200*	**1000**	ug/L	8	0.35 J	0.43 J	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	0.25 J	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	20	2.5	12	2.9	<0.76	1.4	1.6 J	2	1.2
trans-1,2-Dichloroethene	*20*	**100**	ug/L	<0.25	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.25	<0.25	<1.7	<0.35	<1.7	<0.35	<1.7	<0.70	<0.70
trans-1,3-Dichloropropene			ug/L	<0.21	<0.21	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.21	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.21	<0.21	<1.8	<0.36	<1.8	<0.36	<1.8	<0.72	<0.72
Trichloroethene	*0.5*	**5**	ug/L	<0.19	<0.19	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.19	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.19	<0.19	<0.82	<0.16	<0.82	<0.16	<0.82	<0.33	<0.33
Trichlorofluoromethane			ug/L	<0.19	<0.19	<0.43	<0.43 *	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.19	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.19	<0.19	<2.1	<0.43	<2.1	<0.43	<2.1	<0.85	<0.85
Vinyl chloride	*0.02*	**0.2**	ug/L	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.10	<1.0	<0.20	<1.0	<0.20	<1.0	<0.41	<0.41
Xylenes, Total	*1000*	**10000**	ug/L	40	2.8	3.7	0.92 J	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	1	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	61	35	110	24	21	18	35	29	25

Wells MW-106, -109 and -114 not sampled due to DNAPL

Italic: Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

SVOC June 2017 Results
Former Koppers Tar Plant and Wabash Alloys Site
Beazer Oak Creek VPLE
BRRTS #:06-41-561509/06-41-561426

	WDNR NR140		MW-1	MW-2	MW-101	MW-101 DUP	MW-102	P-103	MW-104	MW-105	MW-107	MW-108	P-110	MW-111	MW-111 DUP	MW-112	P-113	MW-115	MW-117	MW-117 DUP	MW-118	P-120	P-121	MW-122	MW-123	MW-125	MW-126	MW-127	MW-128	MW-129	MW-130	MW-131	MW-132	MW-133	MW-134
	PAL	ES	6/22/17	6/16/17	6/20/17	6/20/17	6/22/17	6/22/17	6/22/17	6/20/17	6/20/17	6/22/17	6/22/17	6/22/17	6/22/17	6/20/17	6/21/17	6/20/17	6/22/17	6/22/17	6/20/17	6/22/17	6/21/17	6/20/17	6/21/17	6/22/17	6/16/17	6/16/17	6/21/17	6/21/17	6/16/17	6/16/17	6/16/17	6/16/17	6/20/17
1-Methylnaphthalene			<0.23	75	<0.23	<0.23	<0.23	<0.23	<0.24	<0.23	590	<0.24	<0.23	<0.23	<0.23	0.45 J	<0.22	0.23 J	1300	790	<0.23	0.29 J	<0.23	72	360	290	<0.23	<0.23	<0.23	<0.23	36	<0.22	0.79 J	<0.23	510
1,2,4-Trichlorobenzene	*14*	**70**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	*60*	**600**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	*125*	**1250**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	*15*	**75**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-oxybis[1-chloropropane]			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	*5*	**50**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	*0.005*	**0.05**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	*0.005*	**0.05**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene			0.24 J	0.14 J	0.091 J	<0.049	0.085 J	<0.050	0.20 J	0.28	1000 D	<0.052	0.077 J	0.13 J	0.17 J	0.34 J	<0.048	0.25 J	2600	1500	0.18 J	0.61 J	<0.049	28	470	410	<0.049	<0.050	<0.050	0.41 J	9.2	<0.049	0.28 J	<0.049	280
2-Methylphenol			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3 & 4 Methylphenol			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene			<0.24	38	<0.24	<0.23	<0.24	<0.24	<0.24	<0.23 J	200	<0.24	0.24 J	<0.24	<0.24	0.44 J	<0.23	<0.23	480	250 J	<0.24	<0.24	<0.23	69	240	210	<0.23	<0.23	<0.24	<0.23	130	2.7	0.29 J	<0.23	900
Acenaphthylene			<0.21	6.3	<0.21	<0.20	<0.21	<0.21	<0.21	<0.20	<1.0	<0.21	<0.20	<0.20	<0.21	<0.20	<0.20	<0.20	<100	<100	<0.20	<0.20	<0.20	<0.20	18	66	<0.20	<0.20	<0.21	<0.20	2	<0.20	<0.20	<0.20	45
Anthracene	*600*	**3000**	<0.26	0.51 J	<0.26	<0.25	<0.26	<0.26	<0.26	<0.25	11	<0.26	0.27 J	<0.26	<0.26	<0.25	<0.25	<0.25	150 J	<130	<0.25	<0.25	<0.25	4.2	30	22 J	<0.25	<0.25	<0.26	<0.25	4.5	<0.25	<0.25	<0.25	300
Benzo[a]anthracene			<0.044	0.068 J	<0.044	0.093 J	1.4	<0.043	<0.044	<0.043	0.55	<0.045	0.42	<0.043	<0.044	<0.043	<0.042	0.14 J	<22	<22	0.22	<0.043	<0.043	0.19	19	10	<0.043	<0.043	<0.043	<0.043	0.49	<0.042	0.16	<0.043	410
Benzo[a]pyrene	*0.02*	**0.2**	<0.076	*0.16*	*0.17*	*0.13 J*	**1.8**	<0.076	<0.077	<0.075	<0.37	<0.078	**0.43**	<0.076	<0.076	<0.074	<0.074	*0.11 J*	<38	<38	**0.23**	<0.075	<0.074	*0.18*	**13**	**5.4 J**	<0.075	<0.075	<0.076	<0.075	*0.16*	<0.074	**0.23**	<0.075	**230**
Benzo[b]fluoranthene	*0.02*	**0.2**	<0.062	*0.069 J*	**0.37**	**0.26**	**2.3**	<0.062	*0.11 J*	<0.061	<0.30	<0.064	**0.64**	<0.062	<0.062	<0.061	<0.060	*0.14 J*	<31	<31	**0.32**	<0.061	<0.061	*0.18*	**15**	**6.6 J**	<0.061	<0.061	<0.062	<0.061	*0.11 J*	<0.060	*0.19*	<0.061	**310**
Benzo[g,h,i]perylene			<0.29	<0.28	<0.29	<0.28	1	<0.29	<0.29	<0.29	<1.4	<0.30	0.28 J	<0.29	<0.29	<0.28	<0.28	<0.28	<150	<140	<0.29	<0.29	<0.28	<0.28	<2.8	<14	<0.28	<0.29	<0.29	<0.28	<0.28	<0.28	<0.28	<0.28	110
Benzo[k]fluoranthene			<0.049	<0.049	<0.049	<0.048	0.69	<0.049	<0.050	<0.049	<0.24	<0.051	0.19	<0.049	<0.049	<0.048	<0.048	0.052 J	<25	<24	<0.049	<0.049	<0.048	<0.048	7.6	<2.4	<0.048	<0.049	<0.049	<0.048	<0.048	<0.048	0.064 J	<0.049	110
Benzoic acid			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	*0.6*	**6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	*0.02*	**0.2**	<0.053	*0.11 J*	**0.29**	**0.21**	**1.9**	<0.052	<0.053	<0.052	**0.34 J**	<0.054	**0.52**	<0.052	<0.052	<0.051	<0.051	**0.21**	<26	<26	**0.22**	<0.052	<0.051	*0.18*	**16**	**7.9**	<0.051	<0.052	<0.052	<0.052	**0.33**	<0.051	*0.15*	<0.052	**240**
Dibenz(a,h)anthracene			<0.039	<0.038	<0.039	<0.038	0.39	<0.039	<0.040	<0.039	<0.19	<0.040	<0.038	<0.039	<0.039	<0.038	<0.038	<0.039	<20	<19	0.042 J	<0.039	<0.038	<0.038	<0.38	<1.9	<0.038	<0.039	<0.039	<0.038	<0.038	<0.038	<0.038	<0.039	28
Dibenzofuran			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	*20*	**100**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	*80*	**400**	<0.35	1.3	0.49 J	0.35 J	1.8	<0.35	<0.35	<0.35	10	<0.36	1.3	<0.35	<0.35	<0.34	<0.34	<0.34	*300 J*	<170	<0.35	<0.35	<0.34	2.1	58	35 J	<0.34	<0.34	<0.35	<0.34	12	2.8	0.34J	<0.34	**1500**
Fluorene	*80*	**400**	<0.19	11	<0.19	<0.18	<0.19	<0.19	<0.19	<0.19	*97*	<0.19	<0.18	<0.19	<0.19	0.24 J	<0.18	<0.18	*360 J*	*130 J*	<0.19	<0.19	<0.18	33	*140*	*130*	<0.18	<0.19	<0.19	<0.18	59	2.3	0.43J	<0.19	**850**
Hexachlorobenzene	*0.1*	**1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene			<0.058	0.13 J	0.19	0.14 J	1.1	<0.057	<0.058	<0.057	<0.28	<0.059	0.24	<0.057	<0.057	<0.056	<0.056	0.064 J	<29	<29	0.13 J	<0.057	<0.056	0.14 J	6.1	<2.9	<0.056	<0.057	<0.057	<0.057	<0.056	<0.056	<0.056	<0.057	100
Isophorone			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	*10*	**100**	1.8	*62*	0.54 J	<0.23	0.50 J	0.25 J	1.3	0.27	**12000 D**	<0.24	0.70 J	0.24 J	0.30 J	0.79	<0.23	2.6	**21000**	**15000**	0.33 J	5.5	<0.23	**1300**	**5200**	**140**	<0.23	<0.23	<0.24	4.6	4.1	<0.23	<0.23	<0.23	**620**
Nitrobenzene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	*0.1*	**1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene			<0.23	13	<0.23	<0.23	0.42 J	<0.23	<0.24	<0.23 J	84	<0.24	0.70 J	<0.23	<0.23	0.25 J	<0.22	<0.23	750	190 J	<0.23	<0.23	<0.23	28	190	30 J	<0.23	<0.23	<0.23	<0.23	55	<0.22	0.38 J	<0.23	2300
Phenol	*1200*	**6000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	*50*	**250**	<0.33	0.79	0.36 J	<0.32	1.7	<0.33	<0.33	<0.32	6.1	<0.34	1	<0.33	<0.33	<0.32	<0.32	<0.32	**270 J**	<160	<0.32	<0.32	<0.32	1	*52*	**3400**	<0.32	<0.32	<0.33	<0.32	7.8	2	<0.32	<0.32	**1100**

Italic: Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

	WDNR NR140		Units	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101 DUP
	PAL	ES		12/29/11	3/8/13	9/12/13	3/27/14	7/11/14	10/16/14	1/21/15	4/8/15	6/22/17	12/28/11	3/11/13	9/12/13	3/27/14	7/11/14	10/16/14	1/21/15	4/8/15	6/16/17	12/22/11	3/11/13	9/12/13	3/27/14	7/11/14	10/16/14	1/21/15	4/8/15	6/20/17	6/20/17
1-Methylnaphthalene			ug/L	<0.93	<0.17	<0.38	<0.37	<0.22	<0.22	<0.22	<0.22	<0.23	230	150	140	160	150	220	220	200	75	<0.93	<0.17	<0.38	<0.37	<0.22	<0.22	0.32 J	0.33 J	<0.23	<0.23
1,2,4-Trichlorobenzene	*14*	**70**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	*60*	**600**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	*125*	**1250**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	*15*	**75**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-oxybis[1-chloropropane]			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	*5*	**50**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	*0.005*	**0.05**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	*0.005*	**0.05**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene			ug/L	<0.12	<0.061 *	<0.063	<0.062	0.05	<0.22	0.079 J	<0.048	0.24 J	39	23	5.2	44	40	28	76	31	0.14 J	<0.12	<0.062	<0.063	<0.063	<0.048	0.21	0.43	0.79	0.091 J	<0.049
2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3 & 4 Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene			ug/L	<0.34	<0.090 *	<0.093	<0.091	<0.23	<0.23	<0.23	<0.23	<0.24	70	64 J	65	63	48	91	60	52	38	<0.34	<0.091	<0.093	<0.092	<0.23	<0.23	<0.23	<0.23	<0.24	<0.23
Acenaphthylene			ug/L	<0.30	<0.099 *	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.21	14	10	13	14	15	22	15	12	6.3	<0.30	<0.10	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.21	<0.20
Anthracene	*600*	**3000**	ug/L	<0.30	<0.13	<0.14	<0.14	<0.25	<0.25	<0.25	<0.25	<0.26	2.3	3.2	1.5 J	1.7 J	1.5	<2.5	<1.2 *	0.78	0.51 J	<0.30	<0.14	<0.14	<0.14	<0.24	<0.25	<0.25 *	<0.25	<0.26	<0.25
Benzo[a]anthracene			ug/L	0.12 J	<0.048 *	<0.049	<0.048	<0.042	<0.042	<0.042	<0.042	<0.044	1	0.5	<0.24	<0.49	0.45	<0.42	<0.21 *	<0.042	0.068 J	<0.041	<0.048	<0.049	<0.049	0.065	0.065 J	<0.042 *	<0.043	<0.044	0.093 J
Benzo[a]pyrene	*0.02*	**0.2**	ug/L	*0.13 J*	<0.055	<0.057	<0.056	<0.073	<0.073	<0.074	<0.073	<0.076	**0.6**	<0.056	<0.28	<0.57	**0.28**	<0.74	<0.37 *	<0.074	*0.16*	<0.052	<0.056	<0.057	<0.056	<0.072	*0.10 J*	<0.073 *	<0.075	*0.17*	*0.13 J*
Benzo[b]fluoranthene	*0.02*	**0.2**	ug/L	*0.16 J*	<0.060	<0.061	<0.060	<0.060	<0.060	<0.060	<0.060	<0.062	**0.85**	**0.26**	<0.30	<0.61	**0.33**	<0.60	<0.30 *	<0.060	*0.069 J*	<0.054	<0.060	<0.061	<0.061	<0.059	**0.2**	<0.059 *	<0.061	**0.37**	**0.26**
Benzo[g,h,i]perylene			ug/L	<0.39	<0.35	<0.36	<0.36	<0.28	<0.28	<0.28	<0.28	<0.29	<0.39	<0.36 *	<1.8	<3.6	<0.28	<2.8	<1.4 *	<0.28	<0.28	<0.39	<0.36 *	<0.36	<0.36	<0.27	<0.28	<0.28 *	<0.28	<0.29	<0.28
Benzo[k]fluoranthene			ug/L	<0.069	<0.12 *	<0.13	<0.13	<0.047	<0.047	<0.048	<0.047	<0.049	0.35	0.13 J *	<0.63	<1.3	0.26	<0.48	<0.24 *	<0.048	<0.049	<0.069	<0.12 *	<0.13	<0.13	<0.047	0.074 J	<0.047 *	<0.048	<0.049	<0.048
Benzoic acid			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	*0.6*	**6**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	*0.02*	**0.2**	ug/L	<0.13	<0.068 *	<0.070	<0.069	<0.050	<0.050	<0.051	<0.050	<0.053	**0.82**	**0.31 J**	<0.35	<0.70	**0.45**	<0.51	<0.25 *	<0.051	*0.11 J*	<0.13	<0.069	<0.070	<0.070	*0.065*	*0.13 J*	<0.050 *	<0.052	**0.29**	**0.21**
Dibenz(a,h)anthracene			ug/L	<0.060	<0.083	<0.085	<0.084	<0.038	<0.037	<0.038	<0.037	<0.039	0.12 J	<0.084	<0.42	<0.85	<0.038	<.38	<0.19 *	<0.038	<0.038	<0.060	<0.084	<0.085	<0.084	<0.037	<0.038	<0.037 *	<0.038	<0.039	<0.038
Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	*20*	**100**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	*80*	**400**	ug/L	<0.30	<0.15 *	<0.15	<0.15	<0.34	<0.34	<0.34	<0.33	<0.35	7	5.4	4	2.6 J	3.9	<3.4	1.7 J *	1.5	1.3	<0.30	<0.15	<0.15	<0.15	<0.33	<0.34	<0.33 *	<0.34	0.49 J	0.35 J
Fluorene	*80*	**400**	ug/L	<0.36	<0.12	<0.13	<0.12	<0.18	<0.18	<0.18	<0.18	<0.19	26	32	20	20	17	26	16	12	11	<0.36	<0.12	<0.13	<0.12	<0.18	<0.18	<0.18	<0.18	<0.19	<0.18
Hexachlorobenzene	*0.1*	**1**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene			ug/L	<0.079	<0.056	<0.058	<0.057	<0.055	<0.055	<0.056	<0.055	<0.058	0.29	<0.057	<0.28	<0.58	0.094	<0.56	<0.28 *	<0.056	0.13 J	<0.079	<0.057	<0.058	<0.057	<0.055	0.073 J	<0.055 *	<0.057	0.19	0.14 J
Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	*10*	**100**	ug/L	<0.28	<0.11 *	3.7	1.8	0.85	<0.23	0.63 J	0.74	1.8	**2900**	**1900**	**1700**	**2800**	**2300**	**4600**	**3200**	**1800**	*62*	<0.28	1.7	<0.12	<0.12	0.31	4	7.3	2.3	0.54 J	<0.23
Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	*0.1*	**1**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene			ug/L	<0.33	<0.15	<0.16	<0.16	<0.22	<0.22	<0.22	<0.22	<0.23	32	20	25	21	22	33	20 *	16	13	<0.33	<0.16	<0.16	<0.16	<0.22	<0.22	<0.22 *	<0.23	<0.23	<0.23
Phenol	*1200*	**6000**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	*50*	**250**	ug/L	<0.45	<0.17 *	<0.17	<0.17	<0.32	<0.32	<0.32	<0.31	<0.33	4	3.2	2.7 J	<1.7	2.2	<3.2	<1.6 *	0.8	0.79	<0.45	<0.17	<0.17	<0.17	<0.31	<0.32	<0.31 *	<0.32	0.36 J	<0.32

Italic : Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

	WDNR NR140		Units	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102	P-103	P-103 Dup	P-103	P-103	P-103	P-103	P-103	P-103	P-103	P-103	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104
	PAL	ES		12/21/11	3/7/13	9/12/13	3/27/14	7/11/14	10/15/14	1/21/15	4/7/15	6/22/17	12/22/11	12/22/11	3/7/13	9/12/13	3/27/14	7/11/14	10/15/14	1/21/15	4/7/15	6/22/17	12/21/11	3/7/13	9/12/13	3/27/14	7/11/14	10/15/14	1/21/15	4/7/15	6/22/17
1-Methylnaphthalene			ug/L	NA	<0.17	<0.37	<0.38	<0.22	<0.22	<0.22	<0.23	<0.23	NA	NA	<0.17	<0.36	<0.37	<0.23	<0.22	<1.1	<0.23	<0.23	<0.93	<0.18	<0.38	<0.37	<0.22	<0.22	0.23 J	<0.22	<0.24
1,2,4-Trichlorobenzene	*14*	**70**	ug/L	<0.28	NA	NA	NA	NA	NA	NA	NA	NA	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	*60*	**600**	ug/L	<0.27	NA	NA	NA	NA	NA	NA	NA	NA	<0.27	<0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	*125*	**1250**	ug/L	<0.23	NA	NA	NA	NA	NA	NA	NA	NA	<0.23	<0.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	*15*	**75**	ug/L	<0.25	NA	NA	NA	NA	NA	NA	NA	NA	<0.25	<0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-oxybis[1-chloropropane]			ug/L	<0.28	NA	NA	NA	NA	NA	NA	NA	NA	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	*5*	**50**	ug/L	<2.1	NA	NA	NA	NA	NA	NA	NA	NA	<2.1	<2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol			ug/L	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol			ug/L	<2.1	NA	NA	NA	NA	NA	NA	NA	NA	<2.1	<2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol			ug/L	<3.1	NA	NA	NA	NA	NA	NA	NA	NA	<3.1	<3.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol			ug/L	<6.9	NA	NA	NA	NA	NA	NA	NA	NA	<6.9	<6.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	*0.005*	**0.05**	ug/L	<0.28	NA	NA	NA	NA	NA	NA	NA	NA	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	*0.005*	**0.05**	ug/L	<0.11	NA	NA	NA	NA	NA	NA	NA	NA	<0.11	<0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene			ug/L	<0.32	NA	NA	NA	NA	NA	NA	NA	NA	<0.32	<0.32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol			ug/L	<0.75	NA	NA	NA	NA	NA	NA	NA	NA	<0.75	<0.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene			ug/L	<0.12	<0.062 *	<0.062	<0.063	0.051	0.12	0.07 J	<0.049	0.085 J	<0.12	0.42 J	<0.062 *	<0.061	<0.063	<0.049	<0.047	<0.24	<0.049	<0.050	<0.12	<0.065 *	<0.063	<0.063	0.36	0.054	0.56	<0.048	0.20 J
2-Methylphenol			ug/L	<0.29	NA	NA	NA	NA	NA	NA	NA	NA	<0.29	<0.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline			ug/L	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol			ug/L	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	<2.0	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3 & 4 Methylphenol			ug/L	<0.41	NA	NA	NA	NA	NA	NA	NA	NA	<0.41	0.74 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine			ug/L	<0.88	NA	NA	NA	NA	NA	NA	NA	NA	<0.88	<0.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline			ug/L	<2.1	NA	NA	NA	NA	NA	NA	NA	NA	<2.1	<2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol			ug/L	<4.6	NA	NA	NA	NA	NA	NA	NA	NA	<4.6	<4.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether			ug/L	<0.85	NA	NA	NA	NA	NA	NA	NA	NA	<0.85	<0.85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol			ug/L	<2.1	NA	NA	NA	NA	NA	NA	NA	NA	<2.1	<2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline			ug/L	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	<2.0	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether			ug/L	<0.76	NA	NA	NA	NA	NA	NA	NA	NA	<0.76	<0.76	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline			ug/L	<3.7	NA	NA	NA	NA	NA	NA	NA	NA	<3.7	<3.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol			ug/L	<2.2	NA	NA	NA	NA	NA	NA	NA	NA	<2.2	<2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene			ug/L	<0.34	<0.090 *	<0.091	<0.092	<0.23	<0.23	<0.23	<0.23	<0.24	<0.34	<0.34	<0.090 *	<0.090	<0.092	<0.23	<0.22	<1.1	<0.23	<0.24	<0.34	<0.096 *	<0.093	<0.092	<0.23	<0.23	<0.23	<0.23	<0.24
Acenaphthylene			ug/L	<0.30	<0.099 *	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.21	<0.30	<0.30	<0.099 *	<0.099	<0.10	<0.20	<0.19	<0.98	<0.20	<0.21	<0.30	<0.10 *	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.21
Anthracene	*600*	**3000**	ug/L	0.54 J	<0.14	<0.14	<0.14	<0.24	<0.24	<0.25	<0.25	<0.26	<0.30	<0.30	<0.14	<0.13	<0.14	<0.25	<0.24	<1.2	<0.25	<0.26	<0.30	<0.14	<0.14	<0.14	<0.25	<0.24	<0.25	<0.25	<0.26
Benzo[a]anthracene			ug/L	7.4	0.68 *	1.3	0.62	0.77	0.92	0.42	0.51	1.4	0.3	0.11 J	<0.048 *	<0.048	<0.049	<0.043	<0.041	<0.21	<0.043	<0.043	0.18 J	<0.051 *	<0.049	<0.049	<0.042	<0.041	<0.042	<0.042	<0.044
Benzo[a]pyrene	*0.02*	**0.2**	ug/L	**5.1**	**0.77**	**1.4**	**1**	**0.98**	**1.2**	**0.45**	<0.074	**1.8**	**0.42**	*0.14 J*	<0.055	<0.055	<0.056	<0.074	0.15	<0.36	<0.075	<0.076	**0.24**	<0.059	<0.057	<0.056	<0.073	<0.072	<0.074	<0.073	<0.077
Benzo[b]fluoranthene	*0.02*	**0.2**	ug/L	**13**	**1.1**	**2.1**	**1.2**	**1.2**	**1.6**	**0.44**	**0.92**	**2.3**	**0.55**	*0.17 J*	<0.060	<0.060	<0.061	<0.061	**0.22**	<0.29	<0.061	<0.062	**0.36**	<0.063	<0.061	<0.061	<0.059	<0.059	<0.060	<0.060	*0.11 J*
Benzo[g,h,i]perylene			ug/L	6.5	0.39 J	1.1	0.67 J	0.5	0.65	0.31 J	<0.28	1	<0.39	<0.39	<0.35	<0.35	<0.36	<0.28	<0.27	<1.4	<0.28	<0.29	<0.39	<0.37	<0.36	<0.36	<0.28	<0.27	<0.28	<0.28	<0.29
Benzo[k]fluoranthene			ug/L	6	0.4 *	0.75	0.53	0.68	0.68	0.39	0.44	0.69	0.2	<0.069	<0.12 *	<0.12	<0.13	<0.048	<0.047	<0.23	<0.049	<0.049	0.11 J	<0.13 *	<0.13	<0.13	<0.047	<0.047	<0.048	<0.047	<0.050
Benzoic acid			ug/L	<4.3	NA	NA	NA	NA	NA	NA	NA	NA	<4.3	<4.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol			ug/L	<2.9	NA	NA	NA	NA	NA	NA	NA	NA	<2.9	<2.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane			ug/L	<0.28	NA	NA	NA	NA	NA	NA	NA	NA	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether			ug/L	<0.33	NA	NA	NA	NA	NA	NA	NA	NA	<0.33	<0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	*0.6*	**6**	ug/L	<2.3	NA	NA	NA	NA	NA	NA	NA	NA	4.0 J	<2.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate			ug/L	<0.25	NA	NA	NA	NA	NA	NA	NA	NA	<0.25	<0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole			ug/L	<0.93	NA	NA	NA	NA	NA	NA	NA	NA	<0.93	<0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	*0.02*	**0.2**	ug/L	**8.6**	**0.83 ***	**1.6**	**1.1**	**1.1**	**1**	**0.43**	**0.68**	**1.9**	**0.39 J**	*0.13 J*	<0.068 *	<0.068	<0.070	<0.051	<0.22	<0.25	<0.052	<0.052	**0.22 J**	<0.073 *	<0.070	<0.070	<0.050	<0.050	<0.051	<0.050	<0.053
Dibenz(a,h)anthracene			ug/L	3.1	<0.083	0.33	<0.085	0.14 J	0.15 J	0.11 J	<0.038	0.39	0.14 J	<0.060	<0.083	<0.083	<0.084	<0.038	<0.038	<0.19	<0.039	<0.039	<0.060	<0.088	<0.085	<0.084	<0.037	<0.037	<0.038	<0.038	<0.040
Dibenzofuran			ug/L	<0.33	NA	NA	NA	NA	NA	NA	NA	NA	<0.33	<0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate			ug/L	<0.41	NA	NA	NA	NA	NA	NA	NA	NA	<0.41	<0.41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate			ug/L	<0.36	NA	NA	NA	NA	NA	NA	NA	NA	<0.36	<0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	*20*	**100**	ug/L	<0.75	NA	NA	NA	NA	NA	NA	NA	NA	<0.75	<0.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate			ug/L	<2.3	NA	NA	NA	NA	NA	NA	NA	NA	<2.3	<2.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	*80*	**400**	ug/L	9	0.64 J *	1.7	1	1.2	1.1	0.48 J	0.86	1.8	0.46 J	<0.30	<0.15 *	<0.15	<0.15	<0.34	<0.19	<1.7	<0.34	<0.35	0.37 J	<0.16 *	<0.15	<0.15	<0.33	<0.33	<0.34	<0.34	<0.35
Fluorene	*80*	**400**	ug/L	<0.36	<0.12	<0.12	<0.13	<0.18	<0.18	<0.18	<0.18	<0.19	<0.36	<0.36	<0.12	<0.12	<0.12	<0.18	<0.24	<0.89	<0.19	<0.19	<0.36	<0.13	<0.13	<0.12	<0.18	<0.18	<0.18	<0.18	<0.19
Hexachlorobenzene	*0.1*	**1**	ug/L	<0.13	NA	NA	NA	NA	NA	NA	NA	NA	<0.13	<0.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene			ug/L	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene			ug/L	<3.2	NA	NA	NA	NA	NA	NA	NA	NA	<3.2	<3.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane			ug/L	<0.91	NA	NA	NA	NA	NA	NA	NA	NA	<0.91	<0.91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene			ug/L	5.6	0.31	0.93	0.52	0.39	0.57	0.28	<0.056	1.1	0.21	<0.079	<0.056	<0.056	<0.057	<0.056	0.15	<0.27	<0.057	<0.057	0.17 J	<0.060	<0.058	<0.057	<0.055	<0.055	<0.056	<0.055	<0.058
Isophorone			ug/L	<0.27	NA	NA	NA	NA	NA	NA	NA	NA	<0.27	<0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	*10*	**100**	ug/L	<0.28	<0.11 *	<0.11	<0.12	0.42	1.3	1.9	0.6 J	0.50 J	0.30 J	7.6	<0.11 *	<0.11	<0.12	<0.23	0.22	1.8 J	<0.23	0.25 J	0.29	<0.12 *	<0.12	<0.12	4.6	<0.23	4.2	0.7 J	1.3
Nitrobenzene			ug/L	<0.42	NA	NA	NA	NA	NA	NA	NA	NA	<0.42	<0.42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine			ug/L	<0.13	NA	NA	NA	NA	NA	NA	NA	NA	<0.13	<0.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine			ug/L	<0.32	NA	NA	NA	NA	NA	NA	NA	NA	<0.32	<0.32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	*0.1*	**1**	ug/L	<5.2	NA	NA	NA	NA	NA	NA	NA	NA	<5.2	<5.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene			ug/L	2.3	<0.15	0.49 J	0.23 J	0.36	0.3	<0.22	<0.23	0.42 J	<0.33	<0.33	<0.15	<0.15	<0.16	<0.23	<0.047	<1.1	<0.23	<0.23	<0.33	<0.16	<0.16	<0.16	<0.22	<0.22	<0.22	<0.22	<0.24
Phenol	*1200*	**6000**	ug/L	<0.34	NA	NA	NA	NA	NA	NA	NA	NA	<0.34	<0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	*50*	**250**	ug/L	7.8	0.58 J *	1.8	0.79	1.1	1.2	0.5 J	0.71 J	1.7	<0.45	<0.45	<0.17 *	<0.17	<0.17	<0.32	0.46	<1.6	<0.32	<0.33	<0.45	<0.18 *	<0.17	<0.17	<0.31	<0.31	<0.32	<0.32	<0.33

Italic : Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

	WDNR NR140		Units	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105	MW-107	MW-107	MW-107 D	MW-107	MW-107 DUP	MW-107	MW-107	MW-107	MW-107 D	MW-107	MW-107 Dup	MW-107	MW-107 Dup	MW-107
	PAL	ES		12/21/11	3/7/13	9/12/13	3/27/14	7/11/14	10/15/14	1/21/15	4/7/15	6/20/17	12/22/11	3/13/13	3/13/13	9/12/13	9/12/13	3/27/14	7/11/14	10/16/14	10/16/14	1/21/15	1/21/15	4/8/15	4/8/15	6/20/17
1-Methylnaphthalene			ug/L	<0.93	<0.17	<0.38	<0.37	<0.22	<0.22	<0.22	<0.23	<0.23	700	440	310	370	380	220	510	450	530	430	400	220	190	590
1,2,4-Trichlorobenzene	*14*	**70**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	*60*	**600**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	*125*	**1250**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	*15*	**75**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-oxybis[1-chloropropane]			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	*5*	**50**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	*0.005*	**0.05**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	*0.005*	**0.05**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene			ug/L	<0.12	<0.062 *	<0.064	<0.063	0.092	0.084	0.47	0.42	0.28	1300	760	390	650	660	280	920	990	890	740	720	390	310	1000 D
2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3 & 4 Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene			ug/L	<0.34	<0.090 *	<0.093	<0.091	<0.23	<0.23	<0.23	<0.24	<0.23 J	240	200	180	230	230	180	<23	290	280	180	190	130	110	200
Acenaphthylene			ug/L	<0.30	<0.099 *	<0.10	<0.10	<0.20	<0.20	<0.20	<0.21	<0.20	14	4.4 J	3.5 J	<2.5	<2.5	2.2 J	<20	2.8 J	3.2 J	4	4.6	<2.0	<2.0	<1.0
Anthracene	*600*	**3000**	ug/L	<0.30	<0.14	<0.14	<0.14	<0.25	<0.25	<0.25	<0.26	<0.25	17	11	11	14 J	14 J	7.9	<25	13	12	12 *	13 *	7 J	5.8 J	11
Benzo[a]anthracene			ug/L	<0.041	<0.048 *	<0.049	<0.048	<0.042	<0.042	<0.042	<0.044	<0.043	<0.41	<0.48	<0.48	<1.2	<1.2	0.86 J	<4.2	0.79 J	<0.43	0.75 *	0.82 *	<0.43	<0.43	0.55
Benzo[a]pyrene	*0.02*	**0.2**	ug/L	<0.052	<0.056	<0.057	<0.056	<0.073	<0.073	<0.073	<0.077	<0.075	<0.52	<0.56	<0.56	<1.4	<1.4	**0.68 J**	<7.3	<0.74	<0.74	<0.37 *	<0.37 *	<0.75	<0.75	<0.37
Benzo[b]fluoranthene	*0.02*	**0.2**	ug/L	<0.054	<0.060	<0.062	<0.061	<0.060	<0.060	<0.060	<0.063	<0.061	<0.54	<0.60	<0.60	<1.5	<1.5	**1.0 J**	<6.0	<0.61	<0.61	<0.30 *	<0.30 *	<0.61	<0.61	<0.30
Benzo[g,h,i]perylene			ug/L	<0.39	<0.35	<0.37	<0.36	<0.28	<0.28	<0.28	<0.29	<0.29	<3.9	<3.6	<3.6 *	<8.9	<9.0	<3.6	<28	<2.8	<2.8	<1.4 *	<1.4 *	<2.8	<2.8	<1.4
Benzo[k]fluoranthene			ug/L	<0.069	<0.12 *	<0.13	<0.13	<0.047	<0.047	<0.048	<0.050	<0.049	<0.69	<1.2	<1.2 *	<3.1	<3.2	<1.3	<4.8	<0.48	<0.48	<0.24 *	<0.24 *	<0.48	<0.49	<0.24
Benzoic acid			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	*0.6*	**6**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	*0.02*	**0.2**	ug/L	<0.13	<0.069 *	<0.071	<0.069	<0.050	<0.050	<0.051	<0.053	<0.052	<1.3	<0.69	<0.69	<1.7	<1.8	**1.1 J**	<5.1	**0.55 J**	<0.51	**0.53 J ***	**0.44 J ***	<0.51	<0.52	**0.34 J**
Dibenz(a,h)anthracene			ug/L	<0.060	<0.083	<0.086	<0.084	<0.038	<0.038	<0.038	<0.039	<0.039	<0.60	<0.84	<0.84	<2.1	<2.1	<0.85	<3.8	<.38	<.38	<0.19 *	<0.19 *	<0.38	<0.39	<0.19
Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	*20*	**100**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	*80*	**400**	ug/L	<0.30	<0.15 *	<0.15	<0.15	<0.34	<0.34	<0.34	<0.35	<0.35	19	9.8	9.8	14 J	15 J	8.1	<34	10	11	11 *	12 *	6.3 J	5.7 J	10
Fluorene	*80*	**400**	ug/L	<0.36	<0.12	<0.13	<0.12	<0.18	<0.18	<0.18	<0.19	<0.19	*120*	*97*	*95*	*100*	*110*	78	<18	*150*	*140*	*96*	*98*	54	47	*97*
Hexachlorobenzene	*0.1*	**1**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene			ug/L	<0.079	<0.056	<0.058	<0.057	<0.055	<0.055	<0.056	<0.058	<0.057	<0.79	<0.57	<0.57	<1.4	<1.4	<0.57	<5.6	<0.56	<0.56	<0.28 *	<0.28 *	<0.56	<0.57	<0.28
Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	*10*	**100**	ug/L	1.7	<0.11 *	<0.12	<0.12	0.61	0.49 J	3.3	2.9	0.27	**14000**	**4800**	**3000**	**6600**	**7000**	**8900**	**8900**	**13000**	**11000**	**7000**	**6800**	**7200**	**6600**	**12000 D**
Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	*0.1*	**1**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene			ug/L	<0.33	<0.16	<0.16	<0.16	<0.22	<0.22	<0.22	<0.23	<0.23 J	110	83	82	100	100	71	<22	110	100	84 *	90 *	47	39	84
Phenol	*1200*	**6000**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	*50*	**250**	ug/L	<0.45	<0.17 *	<0.17	<0.17	<0.32	<0.32	<0.32	<0.33	<0.32	11	6 J	6.3 J	9.9 J	12 J	3.6 J	<32	9.6	8.6	8.7 *	9.1 *	4.2 J	<3.2	6.1

Italic : Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

	WDNR NR140		Units	MW-108	MW-108	MW-108	MW-108	MW-108	MW-108	MW-108	MW-108	MW-108	P-110	P-110	P-110	P-110	P-110	P-110	P-110	P-110	P-110	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111 DUP
	PAL	ES		12/28/11	3/7/13	9/12/13	3/27/14	7/11/14	10/15/14	1/21/15	4/7/15	6/22/17	12/21/11	3/7/13	9/12/13	3/27/14	7/11/14	10/15/14	1/21/15	4/7/15	6/22/17	12/21/11	3/7/13	9/12/13	3/31/14	7/11/14	10/15/14	1/21/15	4/7/15	6/22/17	6/22/17
1-Methylnaphthalene			ug/L	5.2	<0.18	<0.38	<0.37	<0.22	<0.22	<0.22	<0.23	<0.24	NA	20	<0.37	<0.36	<0.23	<0.22	<0.22	<0.25	<0.23	<0.93	<0.18	<0.37	<0.38	<0.22	<0.22	<0.22	<0.23	<0.23	<0.23
1,2,4-Trichlorobenzene	*14*	**70**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	*60*	**600**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	*125*	**1250**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	*15*	**75**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-oxybis[1-chloropropane]			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	*5*	**50**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	31 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<69	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	*0.005*	**0.05**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	*0.005*	**0.05**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<3.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene			ug/L	0.23 J	<0.063 *	<0.063	0.22 J	0.067	0.077	0.18 J	<0.049	<0.052	380	4 *	<0.062	<0.061	<0.049	<0.047	<0.048	<0.053	0.077 J	0.64	<0.062 *	<0.063	<0.064	0.073	0.06	0.1 J	0.09 J	0.13 J	0.17 J
2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	14 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3 & 4 Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<8.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<46	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<8.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<7.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<37	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene			ug/L	8.2	<0.091 *	<0.093	<0.091	<0.23	<0.23	<0.23	<0.23	<0.24	160	35 *	<0.091	<0.090	0.33	<0.22	0.89	<0.25	0.24 J	0.65 J	<0.091 *	<0.092	<0.093	<0.23	<0.23	<0.23	<0.23	<0.24	<0.24
Acenaphthylene			ug/L	<0.30	<0.10 *	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.21	65	7.3 *	<0.099	<0.098	<0.20	<0.19	<0.20	<0.22	<0.20	<0.30	<0.10 *	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.21
Anthracene	*600*	**3000**	ug/L	0.53 J	<0.14	<0.14	0.24 J	<0.25	<0.25	<0.25	<0.25	<0.26	99	15	0.73 J	<0.13	0.27 J	<0.24	0.48 J	<0.27	0.27 J	0.40 J	<0.14	0.36 J	<0.14	<0.24	<0.25	<0.25	<0.25	<0.26	<0.26
Benzo[a]anthracene			ug/L	0.36	0.2 *	<0.049	0.18	0.13	0.043	0.34	<0.043	<0.045	15	1.7 *	0.4	0.16	0.25	<0.041	0.11 J	<0.046	0.42	0.31	<0.048 *	0.42	0.086 J	<0.041	<0.042	<0.042	<0.043	<0.043	<0.044
Benzo[a]pyrene	*0.02*	**0.2**	ug/L	**0.31**	*0.18*	<0.057	**0.64**	*0.13*	<0.073	**0.29**	<0.074	<0.078	**12**	**0.57**	**0.37**	*0.16*	**0.21**	*0.15*	*0.096 J*	<0.081	**0.43**	**0.25**	<0.056	**0.34**	*0.073 J*	<0.072	<0.073	<0.073	<0.075	<0.076	<0.076
Benzo[b]fluoranthene	*0.02*	**0.2**	ug/L	**0.38**	**0.31**	<0.061	**0.59**	*0.12*	<0.060	**0.42**	<0.061	<0.064	**15**	**0.77**	**0.44**	*0.15*	**0.33**	**0.22**	*0.15*	<0.066	**0.64**	**0.36**	<0.060	**0.47**	*0.088 J*	<0.059	<0.059	<0.060	<0.061	<0.062	<0.062
Benzo[g,h,i]perylene			ug/L	<0.39	<0.36	<0.36	0.4 J	<0.28	<0.28	<0.28	<0.28	<0.30	5.7 J	<0.35	<0.36	<0.35	<0.28	<0.27	<0.27	<0.31	0.28 J	<0.39	<0.36	<0.36	<0.36	<0.27	<0.28	<0.28	<0.28	<0.29	<0.29
Benzo[k]fluoranthene			ug/L	0.18 J	<0.13 *	<0.13	0.32	0.085	<0.047	0.18	<0.048	<0.051	3.9	0.26 *	0.26	0.14 J	0.1	<0.047	0.073 J	<0.052	0.19	0.17 J	<0.13 *	0.2	<0.13	<0.047	<0.047	<0.047	<0.048	<0.049	<0.049
Benzoic acid			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<3.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	*0.6*	**6**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	*0.02*	**0.2**	ug/L	**0.29 J**	*0.15 J* *	<0.070	**0.64**	*0.16*	<0.050	**0.36 J**	<0.051	<0.054	**27**	**1.2 ***	**0.59**	**0.21 J**	**0.22**	<0.050	*0.1 J*	<0.056	**0.52**	**0.32 J**	<0.069 *	**0.48**	<0.071	<0.050	<0.050	<0.050	*0.074 J*	<0.052	<0.052
Dibenz(a,h)anthracene			ug/L	<0.060	<0.084	<0.085	<0.084	<0.038	<0.037	<0.038	<0.038	<0.040	2.5 J	<0.082	<0.084	<0.083	<0.038	<0.037	<0.037	<0.041	<0.038	<0.060	<0.084	<0.085	<0.086	<0.037	<0.037	<0.038	<0.038	<0.039	<0.039
Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<3.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	*20*	**100**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	*80*	**400**	ug/L	1.3	0.25 J *	0.27 J	0.98	<0.34	<0.33	0.55 J	<0.34	<0.36	*82*	17 *	1.2	0.4 J	2.9	0.67 J	0.8	1.1	1.3	1.1	0.23 J *	1	<0.15	<0.33	<0.33	<0.34	<0.34	<0.35	<0.35
Fluorene	*80*	**400**	ug/L	3.3	<0.12	<0.13	0.17 J	<0.18	<0.18	<0.18	<0.18	<0.19	*160*	34	<0.12	<0.12	<0.18	<0.18	0.37 J	<0.20	<0.18	0.72 J	<0.12	<0.13	<0.13	<0.18	<0.18	<0.18	<0.18	<0.19	<0.19
Hexachlorobenzene	*0.1*	**1**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<9.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene			ug/L	0.17 J	0.075 J	<0.058	0.25	0.065	<0.055	0.17	<0.056	<0.059	5.7	0.17	0.17	<0.056	0.074	0.064 J	0.063 J	<0.061	0.24	0.15 J	<0.057	<0.057	<0.058	<0.055	<0.055	<0.055	<0.057	<0.057	<0.057
Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	*10*	**100**	ug/L	*26*	<0.12 *	<0.12	4.6	0.58	1	2.4	1	<0.24	**4700**	**180 ***	0.4 J	<0.11	<0.23	0.40 J	2	<0.25	0.70 J	*15*	<0.11 *	<0.12	<0.12	1.7	2.1	1.5	0.97	0.24 J	0.30 J
Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<3.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	*0.1*	**1**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene			ug/L	0.75 J	<0.16	<0.16	0.51 J	<0.22	<0.22	0.37 J	<0.23	<0.24	240	43	0.55 J	0.23 J	0.26	<0.22	0.27 J	0.6 J	0.70 J	1	0.23 J	0.63 J	<0.16	<0.22	<0.22	<0.22	<0.23	<0.23	<0.23
Phenol	*1200*	**6000**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	*50*	**250**	ug/L	0.96	<0.17 *	0.24 J	0.52 J	<0.32	<0.31	0.53 J	<0.32	<0.34	48	13 *	0.96	<0.17	2.1	0.46 J	0.5 J	0.69 J	1	0.64 J	<0.17 *	0.98	<0.17	<0.31	<0.31	<0.32	<0.32	<0.33	<0.33

Italic : Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

	WDNR NR140		Units	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	P-113	P-113	P-113	P-113	P-113	P-113	P-113	P-113	P-113	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115
	PAL	ES		12/21/11	3/8/13	9/12/13	3/27/14	7/11/14	10/16/14	1/21/15	4/8/15	6/20/17	12/21/11	3/8/13	9/12/13	3/27/14	7/11/14	10/16/14	1/21/15	4/8/15	6/21/17	12/21/11	3/8/13	9/12/13	3/27/14	7/11/14	10/15/14	1/21/15	4/7/15	6/20/17
1-Methylnaphthalene			ug/L	<0.93	<0.17	<0.38	<0.38	<0.22	<0.22	<0.23	<0.22	0.45 J	<0.93	<0.17	<0.37	<0.37	<0.22	<0.22	<0.23	<0.24	<0.22	<0.93	<0.17	<0.37	<0.37	<0.22	<0.22	0.29 J	<0.23	0.23 J
1,2,4-Trichlorobenzene	*14*	**70**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	*60*	**600**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	*125*	**1250**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	*15*	**75**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-oxybis[1-chloropropane]			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	*5*	**50**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	*0.005*	**0.05**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	*0.005*	**0.05**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene			ug/L	<0.12	<0.061 *	<0.064	<0.063	0.13	0.06	0.12 J	<0.048	0.34 J	<0.12	<0.062 *	<0.063	<0.063	0.091	<0.048	<0.049	<0.051	<0.048	<0.12	<0.061 *	<0.062	<0.063	<0.048	<0.048	0.48	0.49	0.25 J
2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3 & 4 Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene			ug/L	<0.34	<0.089 *	<0.094	<0.092	<0.23	<0.23	<0.23	<0.23	0.44 J	1.3	<0.090 *	<0.091	<0.092	<0.23	<0.23	<0.23	<0.24	<0.23	<0.34	<0.090 *	<0.091	<0.091	<0.23	<0.23	<0.23	<0.24	<0.23
Acenaphthylene			ug/L	<0.30	<0.098 *	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.30	<0.099 *	<0.10	<0.10	<0.20	<0.20	<0.20	<0.21	<0.20	<0.30	<0.098 *	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20
Anthracene	*600*	**3000**	ug/L	<0.30	<0.13	<0.14	<0.14	<0.25	<0.25	<0.25	<0.25	<0.25	<0.30	<0.14	<0.14	<0.14	<0.24	<0.25	<0.25	<0.26	<0.25	<0.30	<0.13	0.16 J	<0.14	<0.25	<0.25	<0.25	<0.26	<0.25
Benzo[a]anthracene			ug/L	0.51	0.2 *	<0.050	<0.049	<0.042	<0.042	<0.043	<0.042	<0.043	0.14 J	<0.048 *	<0.048	<0.049	<0.041	<0.042	<0.042	<0.044	<0.042	0.16 J	0.08 J *	0.17	<0.048	<0.042	<0.042	<0.043	<0.043	0.14 J
Benzo[a]pyrene	*0.02*	**0.2**	ug/L	**0.32**	<0.055	<0.058	<0.057	<0.073	<0.073	<0.075	<0.073	<0.074	<0.052	<0.055	<0.056	<0.056	<0.072	<0.073	<0.074	<0.077	<0.074	<0.052	<0.055	<0.056	<0.056	<0.073	<0.073	<0.075	<0.076	*0.11 J*
Benzo[b]fluoranthene	*0.02*	**0.2**	ug/L	**0.54**	<0.059	<0.062	<0.061	<0.060	<0.059	<0.061	<0.059	<0.061	<0.054	<0.060	<0.061	<0.061	<0.059	<0.059	<0.060	<0.063	<0.060	*0.14 J*	<0.059	<0.060	<0.061	<0.060	<0.059	<0.061	<0.062	*0.14 J*
Benzo[g,h,i]perylene			ug/L	<0.39	<0.35	<0.37	<0.36	<0.28	<0.28	<0.28	<0.28	<0.28	<0.39	<0.35	<0.36	<0.36	<0.27	<0.28	<0.28	<0.29	<0.28	<0.39	<0.35	<0.36	<0.36	<0.28	<0.28	<0.28	<0.29	<0.28
Benzo[k]fluoranthene			ug/L	0.25	<0.12 *	<0.13	<0.13	<0.047	<0.047	<0.048	<0.047	<0.048	<0.069	<0.12 *	<0.13	<0.13	<0.047	<0.047	<0.048	<0.050	<0.048	<0.069	<0.12 *	<0.12	<0.13	<0.047	<0.047	<0.048	<0.049	0.052 J
Benzoic acid			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	*0.6*	**6**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	*0.02*	**0.2**	ug/L	**0.43 J**	*0.1 J* *	<0.072	<0.070	<0.051	<0.050	<0.051	<0.050	<0.051	*0.13 J*	<0.068 *	<0.069	<0.070	<0.050	<0.050	<0.051	<0.053	<0.051	**0.22 J**	*0.17 J* *	**0.22 J**	<0.069	*0.057*	<0.050	<0.051	<0.052	**0.21**
Dibenz(a,h)anthracene			ug/L	<0.060	<0.082	<0.087	<0.085	<0.038	<0.037	<0.038	<0.037	<0.038	<0.060	<0.083	<0.084	<0.085	<0.037	<0.037	<0.038	<0.040	<0.038	<0.060	<0.082	<0.084	<0.084	<0.037	<0.037	<0.038	<0.039	<0.039
Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	*20*	**100**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	*80*	**400**	ug/L	1.3	0.55 J *	<0.16	<0.15	<0.34	<0.33	<0.34	<0.33	<0.34	2	<0.15 *	<0.15	<0.15	<0.33	<0.33	<0.34	<0.36	<0.34	2	<0.15 *	0.3 J	<0.15	<0.33	<0.33	<0.34	<0.35	<0.34
Fluorene	*80*	**400**	ug/L	<0.36	<0.12	<0.13	<0.13	<0.18	<0.18	<0.18	<0.18	0.24 J	0.46 J	<0.12	<0.12	<0.12	<0.18	<0.18	<0.18	<0.19	<0.18	<0.36	<0.12	<0.12	<0.12	<0.18	<0.18	<0.18	<0.19	<0.18
Hexachlorobenzene	*0.1*	**1**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene			ug/L	0.21	<0.055	<0.059	<0.058	<0.055	<0.055	<0.056	<0.055	<0.056	<0.079	<0.056	<0.057	<0.057	<0.055	<0.055	<0.056	<0.059	<0.056	<0.079	<0.056	<0.057	<0.057	<0.055	<0.055	<0.056	<0.057	0.064 J
Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	*10*	**100**	ug/L	<0.28	<0.11 *	5.8	0.13 J	1	0.35 J	1.5	0.77	0.79	0.80 J	<0.11 *	<0.12	<0.12	1.1	0.27 J	<0.23	<0.24	<0.23	1.4	<0.11 *	1.1	<0.11	<0.23	<0.23	5.5	4.7	2.6
Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	*0.1*	**1**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene			ug/L	<0.33	0.26 J	<0.16	<0.16	<0.22	<0.22	<0.23	<0.22	0.25 J	<0.33	<0.15	<0.16	<0.16	<0.22	<0.22	<0.23	<0.24	<0.22	<0.33	<0.15	0.24 J	<0.16	<0.22	<0.22	<0.23	<0.23	<0.23
Phenol	*1200*	**6000**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	*50*	**250**	ug/L	2	0.27 J *	<0.17	<0.17	<0.32	<0.31	<0.32	<0.31	<0.32	1.3	<0.17 *	<0.17	<0.17	<0.31	<0.31	<0.32	<0.33	<0.32	1.5	<0.17 *	0.28 J	<0.17	<0.31	<0.31	<0.32	<0.33	<0.32

Italic : Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

	WDNR NR140		Units	MW-116	MW-116	MW-116	MW-116	MW-116	MW-116	MW-116	MW-116	MW-117	MW-117	MW-117	MW-117 DUP	MW-117	MW-117	MW-117	MW-117	MW-117	MW-117 D	MW-117	MW-117 DUP	MW-118	MW-118 D	MW-118	MW-118	MW-118	MW-118	MW-118	MW-118	MW-118	MW-118
	PAL	ES		12/21/11	3/7/13	9/12/13	3/27/14	7/11/14	10/15/14	1/21/15	4/7/15	12/28/11	3/13/13	9/12/13	9/12/13	3/31/14	7/11/14	10/15/14	1/21/15	4/8/15	4/8/15	6/22/17	6/22/17	3/8/13	3/8/13	9/12/13	3/27/14	7/11/14	10/16/14	1/21/15	4/8/15	10/22/15	6/20/17
1-Methylnaphthalene			ug/L	<0.93	<0.17	<0.36	<0.38	<0.22	0.24	1.3	1.4	1900	940	840	850	430	940	790	5700	51000	41000	1300	790	<0.17	<0.17	<0.37	<0.38	<0.22	<0.22	<0.23	<0.23	<0.23	<0.23
1,2,4-Trichlorobenzene	*14*	**70**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	*60*	**600**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	*125*	**1250**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	*15*	**75**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-oxybis[1-chloropropane]			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	*5*	**50**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	*0.005*	**0.05**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	*0.005*	**0.05**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene			ug/L	<0.12	<0.061 *	0.58	<0.063	<0.048	0.35	2.9	2.8	3600	1700	1600	1700	690	1700	1500	12000	140000	100000	2600	1500	<0.062 *	<0.062 *	<0.062	<0.064	0.12	<0.048	0.11 J	<0.049	0.15 J	0.18 J
2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3 & 4 Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene			ug/L	<0.34	<0.090 *	<0.090	<0.093	<0.23	<0.23	0.63 J	0.56 J	500	260	200 J	250 J	240	<230	330 J	1800	31000	24000	480	250 J	<0.091 *	<0.091 *	<0.091	<0.093	<0.23	<0.23	<0.23	<0.23	<0.23	<0.24
Acenaphthylene			ug/L	<0.30	<0.098 *	<0.098	<0.10	<0.20	<0.20	<0.20	<0.20	<150	28 J	<40	<40	28 J	<200	<200	220	2900	2400	<100	<100	<0.099 *	0.38 J *	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Anthracene	*600*	**3000**	ug/L	<0.30	<0.13	<0.13	<0.14	<0.24	<0.25	0.34 J	<0.25	<150	45 J	<55	<55	32 J	<250	<250	720	**13000**	**9600**	150 J	<130	<0.14	0.22 J	<0.14	<0.14	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzo[a]anthracene			ug/L	0.12 J	<0.048 *	<0.047	<0.049	<0.041	0.14 J	0.14 J	<0.042	45 J	14 J	<19	<19	6.9 J	<43	<43	360	6700	5700	<22	<22	1.1 *	2.3 *	0.46	<0.050	0.097	0.17	<0.043	<0.042	<0.043	0.22
Benzo[a]pyrene	*0.02*	**0.2**	ug/L	*0.096 J*	<0.055	<0.055	<0.057	<0.072	<0.073	<0.073	<0.073	**30 J**	<5.5	<22	<22	<2.8	<75	<75	**190**	**3900**	**3300**	<38	<38	**1.2**	**3**	**0.56**	<0.057	*0.099*	**0.2**	<0.075	<0.074	<0.075	**0.23**
Benzo[b]fluoranthene	*0.02*	**0.2**	ug/L	*0.097 J*	<0.059	<0.059	<0.061	<0.059	0.13 J	*0.072 J*	<0.060	**34 J**	<6.0	<24	<24	<3.1	<61	<61	**260**	**5100**	**3700**	<31	<31	**1.5**	**4**	**0.75**	<0.062	*0.14*	**0.24**	<0.061	<0.060	<0.061	**0.32**
Benzo[g,h,i]perylene			ug/L	<0.39	<0.35	<0.35	<0.36	<0.27	<0.28	<0.28	<0.28	<200	<35 *	<140	<140	<18	<280	<290	<57	1300 J	880 J	<150	<140	<0.35	1.2	<0.36	<0.37	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29
Benzo[k]fluoranthene			ug/L	<0.069	<0.12 *	<0.12	<0.13	<0.047	<0.047	<0.047	<0.048	<35	<12 *	<50	<50	<6.3	<48	<49	130	2200	2500	<25	<24	0.71 *	1.4 *	0.31	<0.13	0.071	0.099 J	<0.048	<0.048	<0.048	<0.049
Benzoic acid			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	*0.6*	**6**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	*0.02*	**0.2**	ug/L	*0.13 J*	<0.068 *	<0.068	<0.070	<0.050	*0.19 J*	*0.13 J*	<0.051	<65	**12 J**	<28	<28	**8.2 J**	<52	<52	**350**	**6600**	**5500**	<26	<26	**1.2 ***	**2.7 ***	**0.6**	<0.071	*0.11*	*0.19 J*	<0.051	<0.051	<0.051	**0.22**
Dibenz(a,h)anthracene			ug/L	<0.060	<0.083	<0.082	<0.085	<0.037	<0.038	<0.037	<0.038	<30	<8.3	<34	<34	<4.2	<38	<39	<7.7	<77	<77	<20	<19	<0.083	0.34	<0.084	<0.086	<0.037	<0.037	<0.038	<0.038	<0.038	0.042 J
Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	*20*	**100**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	*80*	**400**	ug/L	2.2	0.2 J *	0.24 J	<0.15	<0.33	0.44 J	*0.83*	<0.34	*180 J*	63 J	<60	*110 J*	50	<340	<350	**1700**	**29000**	**24000**	*300 J*	<170	1.1 *	2.5 *	0.62 J	<0.15	<0.33	<0.33	<0.34	<0.34	<0.34	<0.35
Fluorene	*80*	**400**	ug/L	<0.36	<0.12	<0.12	<0.13	<0.18	<0.18	*0.88*	0.52 J	*360 J*	*200*	<50	<50	*140*	<180	<190	**2000**	**27000**	**21000**	*360 J*	*130 J*	<0.12	<0.12	<0.12	<0.13	<0.18	<0.18	<0.18	<0.18	<0.18	<0.19
Hexachlorobenzene	*0.1*	**1**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene			ug/L	<0.079	<0.056	<0.056	<0.058	<0.055	<0.055	<0.055	<0.055	<39	<5.6	<23	<23	<2.9	<57	<57	78	1400	970	<29	<29	0.44	1.1	0.28	<0.058	<0.055	0.083 J	<0.057	<0.056	<0.056	0.13 J
Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	*10*	**100**	ug/L	1.1	1.3 *	6.1	<0.12	<0.23	4.9	*14*	9.1	**20000**	**5000**	**13000**	**12000**	**12000**	**14000**	**15000**	**54000**	**320000**	**280000**	**21000**	**15000**	<0.11 *	<0.11 *	1.5	<0.12	1.3	<0.23	1.4	0.8	1.3	0.33 J
Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	*0.1*	**1**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene			ug/L	<0.33	<0.15	<0.15	<0.16	<0.22	<0.22	1.4	0.59 J	480	260	120 J	260 J	180	<230	240 J	3500	64000	50000	750	190 J	<0.16	0.35 J	<0.16	<0.16	<0.22	<0.22	<0.23	<0.23	<0.23	<0.23
Phenol	*1200*	**6000**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	*50*	**250**	ug/L	1.9	<0.17 *	0.19 J	<0.17	<0.31	0.35 J	0.5 J	<0.32	<220	48 J	<67	*85 J*	24 J	<320	<320	**1200**	**21000**	**17000**	**270 J**	<160	1.1 *	2.6 *	0.71 J	<0.17	<0.31	<0.31	<0.32	<0.32	<0.32	<0.32

Italic : Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

	WDNR NR140		Units	MW-119	MW-119	P-120	P-120	P-120	P-120	P-120	P-120	P-120	P-120	P-120	P-121	P-121	P-121	P-121	P-121	P-121	P-121	P-121	P-121	MW-122	MW-122	MW-122	MW-122	MW-122 Dup	MW-122	MW-122 Dup	MW-122	MW-122 Dup	MW-122	MW-122	MW-122
	PAL	ES		3/8/13	WELL	3/13/13	9/12/13	3/27/14	7/11/14	10/15/14	1/21/15	4/8/15	10/22/15	6/22/17	3/8/13	9/12/13	3/27/14	7/11/14	10/15/14	1/21/15	4/7/15	10/22/15	6/21/17	9/12/13	3/27/14	7/11/14	10/15/14	10/15/14	1/21/15	1/21/15	4/7/15	4/7/15	10/22/15	1/7/16	6/20/17
1-Methylnaphthalene			ug/L	<0.18	DESTROYED	<0.17	0.71 J	<0.37	<0.24	<0.23	<1.1	3.1	<0.23	0.29 J	0.98	1.3	<0.37	<0.22	<0.22	<0.22	<0.23	0.37 J	<0.23	340	71	110	75	73	80	67	15	5.2	60	45	72
1,2,4-Trichlorobenzene	*14*	**70**	ug/L	NA	NOT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	*60*	**600**	ug/L	NA	SAMPLED	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	*125*	**1250**	ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	*15*	**75**	ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-oxybis[1-chloropropane]			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	*5*	**50**	ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	*0.005*	**0.05**	ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	*0.005*	**0.05**	ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene			ug/L	<0.063 *		0.25 J	1	<0.062	0.1	0.22	1.1 J	6.1	0.050 J	0.61 J	1.2 *	1.6	<0.062	<0.048	0.13	0.14 J	<0.049	0.39	<0.049	320	3.3	75	25	28	36	30	4.5	0.98	48	4.8	28
2-Methylphenol			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3 & 4 Methylphenol			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene			ug/L	<0.092 *		<0.090	0.3 J	<0.090	<0.24	<0.23	<1.2	1.4	<0.23	<0.24	0.93 *	1.1	<0.091	<0.23	<0.23	<0.23	<0.23	<0.24	<0.23	200	90	120	110	110	83	73	22	13	71	64	69
Acenaphthylene			ug/L	<0.10 *		<0.099	<0.11	<0.099	<0.21	<0.20	<1.0	<0.21	<0.20	<0.20	0.11 J *	0.25 J	<0.099	<0.20	<0.20	<0.20	<0.20	<0.21	<0.20	<1.0	2.4	2.7	1.8 J	1.9 J	1.9 J	1.8 J	<1.0	0.67 J	1.2	1.2	<0.20
Anthracene	*600*	**3000**	ug/L	0.38 J		0.31 J	0.23 J	<0.14	<0.26	<0.25	<1.3	<0.26	<0.25	<0.25	0.37 J	1.3	<0.14	<0.25	<0.24	<0.24	<0.25	<0.26	<0.25	13	3	5.3	4.1	4	4	3.8	<1.3	<0.27	3.4	1.3	4.2
Benzo[a]anthracene			ug/L	0.67 *		<0.048	0.23	<0.048	<0.044	<0.043	<0.21	<0.045	<0.043	<0.043	0.31 *	1.8	<0.048	0.084	<0.041	<0.042	<0.042	<0.043	<0.043	<0.50	0.32	0.58	0.39 J	0.40 J	0.32 J	0.33 J	<0.22	<0.045	0.34	0.055 J	0.19
Benzo[a]pyrene	*0.02*	**0.2**	ug/L	**0.52**		<0.055	<0.059	<0.055	<0.077	<0.074	<0.37	<0.078	<0.075	<0.075	**0.27**	**1.1**	<0.056	<0.073	<0.073	<0.073	<0.074	<0.076	<0.074	<0.58	**0.25**	<0.75	<0.37	<0.37	<0.37	<0.37	<0.38	<0.079	**0.36**	<0.074	*0.18*
Benzo[b]fluoranthene	*0.02*	**0.2**	ug/L	**0.71**		<0.060	**0.24**	<0.060	<0.063	<0.061	<0.30	<0.063	<0.061	<0.061	**0.4**	**1.5**	<0.060	0.078	<0.059	<0.059	<0.060	<0.062	<0.061	<0.63	**0.45**	<0.61	**0.32 J**	<0.30	<0.30	<0.30	<0.31	<0.064	**0.33**	<0.061	*0.18*
Benzo[g,h,i]perylene			ug/L	<0.36		<0.35 *	<0.38	<0.35	<0.29	<0.28	<1.4	<0.29	<0.28	<0.29	<0.35	0.47 J	<0.36	<0.28	<0.27	<0.28	<0.28	<0.29	<0.28	<3.7	<0.36	<2.8	<1.4	<1.4	<1.4	<1.4	<1.4	<0.30	<0.28	<0.28	<0.28
Benzo[k]fluoranthene			ug/L	0.34 *		<0.12 *	0.14 J	<0.12	<0.050	<0.048	<0.24	<0.050	<0.049	<0.049	0.12 J *	0.6	<0.12	<0.048	<0.047	<0.047	<0.048	<0.049	<0.048	<1.3	<0.13	<0.48	<0.24	<0.24	<0.24	<0.24	<0.24	<0.051	0.26	<0.048	<0.048
Benzoic acid			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	*0.6*	**6**	ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	*0.02*	**0.2**	ug/L	**0.62 ***		NA	**0.45**	<0.069	<0.053	<0.051	<0.26	<0.054	<0.052	<0.052	**0.3 J ***	**1.9**	<0.069	*0.061*	<0.050	<0.050	<0.051	<0.052	<0.051	<0.72	**0.34 J**	<0.51	**0.38 J**	**0.34 J**	**0.27 J**	<0.26	<0.26	<0.054	**0.45**	*0.085 J*	*0.18*
Dibenz(a,h)anthracene			ug/L	<0.084		NA	<0.089	<0.083	<0.040	<0.038	<0.19	<0.040	<0.039	<0.039	<0.082	0.15 J	<0.084	<0.038	<0.037	<0.037	<0.038	<0.039	<0.038	<0.87	<0.084	<0.38	<0.19	<0.19	<0.19	<0.19	<0.19	<0.040	<0.038	<0.038	<0.038
Dibenzofuran			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	*20*	**100**	ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	*80*	**400**	ug/L	1.7 *		NA	1.1	<0.15	<0.35	<0.34	<1.7	<0.36	<0.34	<0.35	0.96 *	6.1	<0.15	<0.34	<0.33	<0.33	<0.34	<0.35	<0.34	9.7	2.5	4.1	3.3 J	2.9 J	2.4 J	2.5 J	<1.7	0.51 J	2.7	1.4	2.1
Fluorene	*80*	**400**	ug/L	<0.12		NA	<0.13	<0.12	<0.19	<0.18	<0.92	0.91	<0.18	<0.19	0.8	1.2	<0.12	<0.18	<0.18	<0.18	<0.18	<0.19	<0.18	*80*	27	44	36	37	30	28	6.1	1.6	16	10	33
Hexachlorobenzene	*0.1*	**1**	ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene			ug/L	0.2		NA	<0.060	<0.056	<0.058	<0.056	<0.28	<0.059	<0.057	<0.057	0.11 J	0.45	<0.057	<0.056	<0.055	<0.055	<0.056	<0.057	<0.056	<0.59	0.14 J	<0.56	<0.28	<0.28	<0.28	<0.28	<0.28	<0.059	0.24	<0.056 *	0.14 J
Isophorone			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	*10*	**100**	ug/L	<0.12 *		NA	2.5	<0.11	1	4.1	7.7	*22*	0.72 J	5.5	*15 ***	5.6	<0.11	<0.23	1.7	1.4	0.58 J	4.2	<0.23	**8100**	**140**	**3400**	**3700**	**3400**	**2800**	**2100**	**390**	**130**	**2300**	**1100**	**1300**
Nitrobenzene			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine			ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	*0.1*	**1**	ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene			ug/L	1.4		NA	1.2	<0.15	<0.24	<0.23	<1.1	1.1	<0.23	<0.23	1.3	4	<0.16	<0.22	<0.22	<0.22	<0.23	<0.23	<0.23	67	10	28	21	22	18	18	3.3 J	<0.24	19	4.2	28
Phenol	*1200*	**6000**	ug/L	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	*50*	**250**	ug/L	1.2 *		NA	0.77 J	<0.17	<0.33	<0.32	<1.6	<0.34	<0.32	<0.32	0.69 J *	5.3	<0.17	<0.32	<0.31	<0.31	<0.32	<0.33	<0.32	5.9 J	1.3	<3.2	2.1 J	1.8 J	<1.6	<1.6	<1.6	<0.34	1.7	0.52 J	1

Italic : Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

	WDNR NR140		Units	MW-123	MW-123	MW-123	MW-123	MW-123	MW-123	MW-123	MW-123	MW-123	MW-125	MW-125	MW-125	MW-125	MW-125	MW-125	MW-125	MW-125 Dup	MW-125	MW-125 Dup	MW-125	SW-1	SW-1
	PAL	ES		9/12/13	3/27/14	7/11/14	10/15/14	1/21/15	4/7/15	10/22/15	4/7/16	6/21/17	9/12/13	3/27/14	7/11/14	10/15/14	1/21/15	4/7/15	10/22/15	10/22/15	1/7/16	1/7/16	6/22/17	3/27/14	10/16/14
1-Methylnaphthalene			ug/L	1000	410	290	550	580	310	500	340	360	470	110	200	160	150	200	320	340	110	120	290	<0.39	<0.39
1,2,4-Trichlorobenzene	*14*	**70**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	*60*	**600**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	*125*	**1250**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	*15*	**75**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-oxybis[1-chloropropane]			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	*5*	**50**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	*0.005*	**0.05**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	*0.005*	**0.05**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene			ug/L	2000	500	450	1100	1000	490	870	450	470	680	100	310	340	210	320	390	430	110	130	410	<0.066	<0.066
2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3 & 4 Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene			ug/L	450	240	160	300	190	140	250	190	240	220	92	150	150	120	130	41	28	110	110	210	<0.097	<0.097
Acenaphthylene			ug/L	31	24	14	19	24	12	17	21	18	49	23	47	40	36	40	69	66	21	23	66	<0.11	<0.11
Anthracene	*600*	**3000**	ug/L	49	22	20	21	21	12	27	23	30	13	8.1	15	10	14	13	20	18	13	13	22 J	<0.15	<0.15
Benzo[a]anthracene			ug/L	30	5.3	4.5	2.2	1.8	<0.42	10	14	19	5	2.1	2.9	1.1	2.3	<0.43	5.1	3.1	4.2	4	10	<0.051	<0.051
Benzo[a]pyrene	*0.02*	**0.2**	ug/L	**20**	**3.2**	**3**	**1.3**	**0.79**	<0.74	**8.1**	**11**	**13**	**2.8**	**1.4**	**1.5**	**0.44 J**	**1.3**	<0.75	**3.5**	**2.9**	**3.1**	**3.1**	**5.4 J**	<0.059	<0.059
Benzo[b]fluoranthene	*0.02*	**0.2**	ug/L	**23**	**4.9**	**3.2**	**1.6**	**1**	<0.60	**8.4**	**14**	**15**	**3.4**	**1.9**	**1.5**	**0.51 J**	**1.6**	<0.61	**3**	**4.3**	**4.7**	**3.9**	**6.6 J**	<0.064	<0.064
Benzo[g,h,i]perylene			ug/L	10	<3.6	<2.7	<1.4	<1.4	<2.8	<2.8	5.3 J	<2.8	<4.4	<0.36	<2.8	<1.4	<1.4	<2.8	<2.8	<2.8	1.1	1	<14	<0.38	<0.38
Benzo[k]fluoranthene			ug/L	17	<1.3	2.3	0.74	0.6 J	<0.48	6.2	5	7.6	1.6 J	1	1.1	<0.24	0.7 J	<0.48	3.1	<0.48	1.5	1.9	<2.4	<0.13	<0.13
Benzoic acid			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	*0.6*	**6**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	*0.02*	**0.2**	ug/L	**29**	**4.6**	**5.2**	**2.2**	**1.5 J**	<0.51	**8.9**	**11**	**16**	**4.2 J**	**1.8**	**2**	**0.72 J**	**2.1**	<0.51	**7**	**4.1**	**4.5**	**4.5**	**7.9**	<0.073	<0.073
Dibenz(a,h)anthracene			ug/L	3.8	<0.85	<0.37	0.28 J	<0.19	<0.38	<0.38	1.4 J	<0.38	<0.67	<0.085	<0.38	<0.19	<0.19	<0.38	<0.38	<0.38	<0.038	<0.038	<1.9	<0.089	<0.089
Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	*20*	**100**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	*80*	**400**	ug/L	*96*	28	25	18	21	14	38	48	58	19	13	22	12	20	15	34	28	26	27	35 J	<0.16	<0.16
Fluorene	*80*	**400**	ug/L	*250*	*130*	92	160	*130*	78	*140*	*110*	*140*	*110*	50	*98*	*91*	*87*	77	*120*	*130*	76	79	*130*	<0.13	<0.13
Hexachlorobenzene	*0.1*	**1**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene			ug/L	9	1.2 J	0.96	0.6	0.33 J	<0.56	<0.56	5.8	6.1	1.5 J	0.27	<0.55	<0.28	0.56 J	<0.56	<0.57	<0.57	0.90 *	0.79 *	<2.9	<0.060	<0.060
Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA
Naphthalene	*10*	**100**	ug/L	**21000 B**	**10000**	**8400**	**15000**	**11000**	**4900**	**6300**	**8600**	**5200**	**7500 B**	**1000**	**4100**	**3000**	**2900**	**3000**	**5900**	**5100**	**200**	**250**	**140**	<0.12	<0.12
Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	*0.1*	**1**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene			ug/L	330	120	100	150	110	80	150	130	190	100	31	95	78	81	69	120	120	75	80	30 J	<0.17	<0.17
Phenol	*1200*	**6000**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	*50*	**250**	ug/L	*74*	16	17	14	13	8.3	44	36	*52*	16	9.8	14	8.6	12	8.8	22	17	16	17	**3400**	<0.18	<0.18

Italic : Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

	WDNR NR140		Units	MW-126	MW-126	MW-126	MW-126	MW-126	MW-126	MW-126	MW-126	MW-126	MW-127	MW-127	MW-127	MW-127	MW-127	MW-127	MW-127	MW-127	MW-127	MW-128	MW-128	MW-128	MW-128	MW-128	MW-128	MW-128	MW-128	MW-128
	PAL	ES		1/21/15	4/8/15	10/22/15	1/7/16	4/7/16	7/27/16	10/31/16	1/9/17	6/16/17	1/21/15	4/8/15	10/22/15	1/7/16	4/7/16	7/27/16	10/31/16	1/9/17	6/16/17	1/21/15	4/8/15	10/22/15	1/7/16	4/7/16	7/27/16	10/31/16	1/9/17	6/21/17
1-Methylnaphthalene			ug/L	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.22	<0.23	<0.23	<0.22	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.22	<0.23	0.33 J	<0.23	<0.23	<0.23	<0.24	<0.23	<0.23	<0.23	<0.23
1,2,4-Trichlorobenzene	*14*	**70**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	*60*	**600**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	*125*	**1250**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	*15*	**75**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-oxybis[1-chloropropane]			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	*5*	**50**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	*0.005*	**0.05**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	*0.005*	**0.05**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene			ug/L	<0.049	<0.050	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	0.22 J	<0.050	<0.049	<0.050	0.092 J	<0.049	<0.049	<0.049	<0.050	0.47	<0.050	<0.049	<0.049	0.20 J	<0.049	<0.049	<0.049	<0.050
2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3 & 4 Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene			ug/L	<0.23	<0.24	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.24	<0.23	<0.24	<0.23	<0.23	<0.23	<0.23	<0.23	<0.26	<0.24	<0.23	<0.23	<0.24	<0.23	<0.23	<0.23	<0.24
Acenaphthylene			ug/L	<0.20	<0.21	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.21	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.22	<0.21	<0.20	<0.20	<0.21	<0.20	<0.20	<0.20	<0.21
Anthracene	*600*	**3000**	ug/L	<0.25 *	<0.26	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25 *	<0.26	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.28 *	<0.26	<0.25	<0.25	<0.26	<0.25	<0.25	<0.25	<0.26
Benzo[a]anthracene			ug/L	<0.042 *	<0.044	<0.042	<0.043	<0.043	<0.043	<0.042	<0.043	<0.043	<0.042 *	<0.044	<0.043	<0.043	0.12 J	<0.043	<0.043	<0.042	<0.043	0.56 *	<0.044	<0.043	<0.042	0.077 J	<0.043	<0.043	<0.043	<0.043
Benzo[a]pyrene	*0.02*	**0.2**	ug/L	<0.074 *	<0.077	<0.074	<0.075	<0.075	<0.075	<0.074	<0.075	<0.075	<0.074 *	<0.076	<0.075	<0.075	<0.074	<0.075	<0.074	<0.074	<0.075	**0.63 ***	<0.076	<0.075	<0.074	<0.077	<0.075	<0.074	<0.075	<0.076
Benzo[b]fluoranthene	*0.02*	**0.2**	ug/L	<0.060 *	<0.062	<0.060	<0.061	<0.061	<0.061	<0.060	<0.061	<0.061	<0.060 *	<0.062	<0.061	<0.062	0.062 J	<0.061	<0.061	<0.060	<0.061	**0.97 ***	<0.062	<0.061	<0.060	0.080 J	<0.061	<0.061	<0.061	<0.062
Benzo[g,h,i]perylene			ug/L	<0.28 *	<0.29	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28 *	<0.29	<0.28	<0.29	<0.28	<0.28	<0.28	<0.28	<0.29	0.5 J *	<0.29	<0.28	<0.28	<0.29	<0.28	<0.28	<0.28	<0.29
Benzo[k]fluoranthene			ug/L	<0.048 *	<0.050	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048 *	<0.049	<0.048	<0.049	<0.048	<0.049	<0.048	<0.048	<0.049	0.39 *	<0.049	<0.049	<0.048	<0.050	<0.048	<0.048	<0.048	<0.049
Benzoic acid			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	*0.6*	**6**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	*0.02*	**0.2**	ug/L	<0.051 *	<0.053	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051 *	<0.053	<0.051	<0.052	0.062 J	<0.052	<0.051	<0.051	<0.052	**0.74 ***	<0.053	<0.052	<0.051	0.064 J	<0.051	<0.051	<0.051	<0.052
Dibenz(a,h)anthracene			ug/L	<0.038 *	<0.039	<0.038	<0.038	<0.038	<0.038	<0.038	<0.038	<0.038	<0.038 *	<0.039	<0.038	<0.039	<0.038	<0.039	<0.038	<0.038	<0.039	<0.042 *	<0.039	<0.039	<0.038	<0.040	<0.038	<0.038	<0.038	<0.039
Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	*20*	**100**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	*80*	**400**	ug/L	<0.34 *	<0.35	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34 *	<0.35	<0.34	<0.35	<0.34	<0.34	<0.34	<0.34	<0.34	1.1 *	<0.35	<0.34	<0.34	<0.35	<0.34	<0.34	<0.34	<0.35
Fluorene	*80*	**400**	ug/L	<0.18	<0.19	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.19	<0.18	<0.19	<0.18	<0.19	<0.18	<0.18	<0.19	<0.20	<0.19	<0.19	<0.18	<0.19	<0.18	<0.18	<0.18	<0.19
Hexachlorobenzene	*0.1*	**1**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene			ug/L	<0.056 *	<0.058	<0.056	<0.056 *	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056 *	<0.058	<0.056	<0.057 *	<0.056	<0.057	<0.056	<0.056	<0.057	0.37 *	<0.058	<0.057	<0.056 *	<0.058	<0.056	<0.056	<0.056	<0.057
Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	*10*	**100**	ug/L	<0.23	<0.24	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	3.8	<0.24	0.28 J	<0.24	0.26 J	<0.23	<0.23	<0.23	<0.23	7.6	<0.24	<0.23	0.98	3.8	0.24 J	<0.23	<0.23	<0.24
Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	*0.1*	**1**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene			ug/L	<0.23 *	<0.23	<0.23	<0.23	<0.23	<0.23	<0.22	<0.23	<0.23	<0.22 *	<0.23	<0.23	<0.23	0.42 J	<0.23	<0.23	<0.22	<0.23	0.37 J *	<0.23	<0.23	<0.23	<0.24	<0.23	<0.23	<0.23	<0.23
Phenol	*1200*	**6000**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	*50*	**250**	ug/L	<0.32 *	<0.33	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32 *	<0.33	<0.32	<0.33	<0.32	<0.32	<0.32	<0.32	<0.32	1.3 *	<0.33	<0.32	<0.32	<0.33	<0.32	<0.32	<0.32	<0.33

Italic: Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

	WDNR NR140		Units	MW-129	MW-129	MW-129	MW-129	MW-129	MW-129	MW-129	MW-129	MW-129	MW-130	MW-130	MW-130	MW-130	MW-130	MW-130	MW-130	MW-130	MW-130	MW-131	MW-131	MW-131	MW-131	MW-131	MW-131 Dup	MW-131	MW-131 Dup	MW-131	MW-131 Dup	MW-131	MW-131
	PAL	ES		3/2/15	4/8/15	10/22/15	1/6/16	4/7/16	7/27/16	10/31/16	1/9/17	6/21/17	3/2/15	4/8/15	10/22/15	1/7/16	4/7/16	7/27/16	10/31/16	1/9/17	6/16/17	3/2/15	4/8/15	10/22/15	1/7/16	4/7/16	4/7/16	7/27/16	7/27/16	10/31/16	10/31/16	1/9/17	6/16/17
1-Methylnaphthalene			ug/L	<0.22	<0.23	<0.22	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	400	510	500	76	100	260	340	31	36	0.23 J	<0.23	0.96	<0.23	0.73 J	0.34 J	<0.23	<0.22	0.24J	<0.22	<0.23	<0.22
1,2,4-Trichlorobenzene	*14*	**70**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	*60*	**600**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	*125*	**1250**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	*15*	**75**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-oxybis[1-chloropropane]			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	*5*	**50**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	*0.005*	**0.05**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	*0.005*	**0.05**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene			ug/L	0.11 J	0.53	<0.049	<0.049	<0.050	<0.049	<0.049	<0.050	0.41 J	540	550	630	71	92	220	240	30	9.2	0.051 J	<0.049	0.62	<0.051	0.52	0.24 J	<0.049	<0.048	0.15J	<0.048	<0.050	<0.049
2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3 & 4 Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene			ug/L	<0.23	0.45 J	<0.23	<0.23	<0.24	<0.23	<0.23	<0.24	<0.23	790	1100	130	180	250	11	710	120	130	26	24	3	20	15	18	14	12	4	3.7	5.1	2.7
Acenaphthylene			ug/L	<0.20	<0.20	<0.20	<0.20	<0.21	<0.20	<0.20	<0.20	<0.20	6.8	<20	12	2.6	3	670	10	1.6	2	0.53	0.43 J	0.54 J	0.31 J	0.23 J	0.28 J	0.23 J	<0.20	<0.20	<0.20	<0.20	<0.20
Anthracene	*600*	**3000**	ug/L	<0.25	<0.25	<0.25	<0.25	<0.26	<0.25	<0.25	<0.25	<0.25	17	48 J	65	5.3	4	<2.5	22	2.5	4.5	1.2	<0.25	0.50 J	0.48 J	0.48 J	0.55 J	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzo[a]anthracene			ug/L	<0.042	<0.043	<0.042	<0.043	<0.044	<0.043	<0.042	<0.043	<0.043	12	<4.3	65	2	0.83	3.8	2.3	0.11 J	0.49	0.1	<0.043	<0.043	<0.044	<0.044	<0.043	<0.043	0.11 J	<0.042	<0.042	<0.043	<0.042
Benzo[a]pyrene	*0.02*	**0.2**	ug/L	<0.073	<0.074	<0.074	<0.075	<0.076	<0.075	<0.074	<0.075	<0.075	**3**	<7.5	16	0.49	0.2	<0.75	<0.74	<0.075	*0.16*	<0.072	<0.074	<0.074	<0.077	<0.078	<0.076	<0.074	<0.074	<0.073	<0.074	<0.076	<0.074
Benzo[b]fluoranthene	*0.02*	**0.2**	ug/L	<0.059	<0.061	<0.060	<0.061	<0.062	<0.061	<0.060	<0.061	<0.061	**5.1**	<6.1	25	1	0.33	**1.7**	<0.60	<0.061	*0.11 J*	<0.059	<0.061	<0.061	<0.063	<0.063	<0.062	<0.061	<0.060	<0.060	<0.060	<0.062	<0.060
Benzo[g,h,i]perylene			ug/L	<0.28	<0.28	<0.28	<0.28	<0.29	<0.28	<0.28	<0.29	<0.28	<1.4	<28	<2.8	<0.28	<0.28	<2.8	<2.8	<0.28	<0.28	<0.27	<0.28	<0.28	<0.29	<0.29	<0.29	<0.28	<0.28	<0.28	<0.28	<0.29	<0.28
Benzo[k]fluoranthene			ug/L	<0.047	<0.048	<0.048	<0.049	<0.049	<0.049	<0.048	<0.049	<0.048	2.4	<4.8	18	0.29	0.18	<0.48	<0.48	<0.048	<0.048	<0.047	<0.048	<0.048	<0.050	<0.050	<0.049	<0.048	<0.048	<0.047	<0.048	<0.049	<0.048
Benzoic acid			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	*0.6*	**6**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	*0.02*	**0.2**	ug/L	<0.050	<0.051	<0.051	<0.052	<0.052	<0.052	<0.051	<0.052	<0.052	**10**	<5.1	**45**	**1.9**	**0.73**	**3.1 J**	**1.7J**	*0.089 J*	**0.33**	<0.050	<0.051	<0.051	<0.053	<0.053	<0.052	<0.051	<0.051	<0.051	<0.051	<0.052	<0.051
Dibenz(a,h)anthracene			ug/L	<0.037	<0.038	<0.038	<0.038	<0.039	<0.039	<0.038	<0.039	<0.038	0.25 J	<3.8	<0.38	<0.038	<0.038	<0.38	<0.38	<0.038	<0.038	<0.037	<0.038	<0.038	<0.040	<0.040	<0.039	<0.038	<0.038	<0.038	<0.038	<0.039	<0.038
Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	*20*	**100**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	*80*	**400**	ug/L	<0.33	0.65 J	<0.34	<0.34	<0.35	<0.34	<0.34	<0.35	<0.34	*100*	*180*	**460**	23	10	54	40	4.4	12	8.5	8.1	9.8	7.6	6.7	6.7	6.2	5.9	3.4	3.3	2.7	2.8
Fluorene	*80*	**400**	ug/L	<0.18	0.44 J	<0.18	<0.18	<0.19	<0.19	<0.18	<0.19	<0.18	*200*	*370*	**490**	55	76	*220*	*270*	30	59	31	27	33	23	17	21	12	10	1.8	1.6	3.6	2.3
Hexachlorobenzene	*0.1*	**1**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene			ug/L	<0.055	<0.056	<0.056	<0.057 *	<0.057	<0.057	<0.056	<0.057	<0.057	1.2	<5.6	<0.56	<0.056 *	<0.057	<0.56	<0.56	<0.056	<0.056	<0.055	<0.056	<0.056	<0.058 *	<0.059	<0.057	<0.056	<0.056	<0.055	<0.056	<0.057	<0.056
Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	*10*	**100**	ug/L	1.8	4.9	<0.23	<0.23	0.51 J	<0.23	<0.23	<0.24	4.6	**4500**	**7500**	**7900**	**1500**	**1700**	**4200**	**6600**	**830**	4.1	0.35 J	0.62 J	4.4	<0.24	1.8	0.85	<0.23	<0.23	2.4	1.3	<0.24	<0.23
Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	*0.1*	**1**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene			ug/L	<0.22	1.3	<0.22	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	200	510	1100	64	62	230	260	25	55	<22	0.86	0.49 J	<0.23	0.47	0.26 J	<0.23	<0.22	<0.22	<0.22	<0.23	<0.22
Phenol	*1200*	**6000**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	*50*	**250**	ug/L	<0.31	0.48 J	<0.32	<0.32	<0.33	<0.32	<0.32	<0.32	<0.32	*63*	*120*	**280**	13	6.1	32	24	2.3	7.8	4.9	4.2	5.8	4.3	4.1	4.4	3.4	3.3	2.2	2.1	1.6	2

Italic: Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

	WDNR NR140		Units	MW-132	MW-132	MW-132	MW-132	MW-132	MW-132	MW-132	MW-132	MW-132 Dup	MW-132	MW-133	MW-133	MW-133	MW-133	MW-133	MW-133	MW-133	MW-133	MW-134	MW-134	MW-134	MW-134	MW-134	MW-134	MW-134	MW-134	MW-134
	PAL	ES		3/2/15	4/8/15	10/22/15	1/7/16	4/7/16	7/27/16	10/31/16	1/9/17	1/9/17	6/16/17	4/8/15	10/26/15	4/7/16	7/27/16	10/31/16	1/9/17	4/7/17	6/16/17	3/2/15	4/7/15	10/22/15	1/7/16	4/7/16	7/27/16	10/31/16	1/9/17	6/20/17
1-Methylnaphthalene			ug/L	6	0.52 J	<0.23	0.47 J	1.3	2.5	0.56J	0.96J	0.87 J	0.79 J	<0.22	<0.24	<0.23	<0.23	<0.23	0.24 J	<0.23	<0.23	320	200	1100	500	4700	670	450	2800	510
1,2,4-Trichlorobenzene	*14*	**70**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	*60*	**600**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	*125*	**1250**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	*15*	**75**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-oxybis[1-chloropropane]			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	*5*	**50**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	*0.005*	**0.05**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	*0.005*	**0.05**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene			ug/L	4.5	0.57	<0.049	0.38	0.41	<0.049	0.18J	0.32J	0.35 J	0.28 J	<0.048	<0.053	<0.050	<0.049	<0.049	0.30 J	<0.049	<0.049	73	45	670	120	3200	340	170	1800	280
2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3 & 4 Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene			ug/L	5.6	1.2	3.8	0.9	1	1.8	0.31J	0.33J	0.46 J	0.29 J	<0.23	<0.25	<0.24	<0.23	<0.23	<0.23	<0.23	<0.23	280	220	440	670	12000	1100	470	4600	900
Acenaphthylene			ug/L	<1.5	<0.20	<0.20	<0.20	<0.20	0.21 J	<0.20	<0.20	0.22 J	<0.20	<0.20	<0.22	<0.21	<0.20	<0.20	<0.20	<0.20	<0.20	<5.0	<1.0	<20	21	420	61	7.5	230	45
Anthracene	*600*	**3000**	ug/L	3.3 J	<0.25	0.79	<0.26	<0.25	0.33 J	<0.25	0.4J	0.39 J	<0.25	<0.25	<0.27	<0.26	<0.25	<0.25	<0.25	<0.25	<0.25	11 J	<1.3	*700*	160	3200	370	47	*1500*	300
Benzo[a]anthracene			ug/L	3.6	<0.043	0.46	0.22	0.28	0.31	0.2	0.7	0.91	0.16	3.2	0.38	0.064 J	<0.043	<0.043	<0.043	<0.043	<0.043	<1.1	<0.22	1100	240	4400	540	48	2200	410
Benzo[a]pyrene	*0.02*	**0.2**	ug/L	**3**	<0.075	0.39	<0.076	0.23	**0.29**	<0.075	**0.85**	**0.99**	**0.23**	**3.9**	**0.47**	<0.076	<0.075	<0.074	<0.075	<0.075	<0.075	<1.9	<0.38	**620**	**140**	**2600**	**330**	**27**	**1300**	**230**
Benzo[b]fluoranthene	*0.02*	**0.2**	ug/L	**4**	**0.41**	**0.62**	**0.27**	**0.3**	**0.44**	<0.061	**1.2**	**1.4**	*0.19*	**4.8**	**0.54**	<0.062	<0.061	<0.061	<0.061	<0.061	<0.061	<1.5	<0.31	**920**	**290**	**3600**	**480**	**37**	**1900**	**310**
Benzo[g,h,i]perylene			ug/L	<2.1	<0.28	<0.28	<0.29	<0.29	<0.28	<0.28	0.58J	0.70 J	<0.28	2.8	<0.30	<0.29	<0.28	<0.28	<0.28	<0.28	<0.28	<7.1	<1.4	<29	44	380	160	14	480	110
Benzo[k]fluoranthene			ug/L	1.3	<0.049	0.28	0.16	0.11 J	0.26	<0.048	0.28	0.37	0.064 J	2.8	0.28	<0.049	<0.048	<0.048	<0.048	<0.048	<0.049	<1.2	<0.25	<4.9	280	1400	170	18	730	110
Benzoic acid			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	*0.6*	**6**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	*0.02*	**0.2**	ug/L	**3.7**	<0.052	**0.49**	**0.23 J**	**0.23 J**	**0.32 J**	*0.18J*	**0.69**	**1.0**	*0.15*	**3.6**	**0.51**	<0.052	<0.051	<0.051	<0.052	<0.051	<0.052	**1.6 J**	<0.26	**500**	**130**	**2300**	**330**	**30**	**1300**	**240**
Dibenz(a,h)anthracene			ug/L	0.43 J	<0.039	<0.038	<0.039	<0.039	<0.038	<0.038	<0.038	<0.039	<0.038	<0.038	<0.041	<0.039	<0.038	<0.038	<0.038	<0.038	<0.039	<0.95	<0.20	<3.9	15	160	47	3.7	150	28
Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	*20*	**100**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	*80*	**400**	ug/L	11	0.96	2.1	0.50 J	0.73 J	0.93	0.49J	1.7	2.2	0.34J	4	0.74 J	<0.35	<0.34	<0.34	<0.34	<0.34	<0.34	22	17	**4000**	**990**	**22000**	**2100**	*220*	**9400**	**1500**
Fluorene	*80*	**400**	ug/L	5.1 J	0.44 J	2.2	0.21 J	0.65 J	0.65 J	0.31J	0.49J	0.62 J	0.43J	<0.18	<0.20	<0.19	<0.18	<0.18	<0.18	<0.18	<0.19	*170*	*120*	**2100**	**580**	**12000**	**1100**	*340*	**4500**	**850**
Hexachlorobenzene	*0.1*	**1**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene			ug/L	2.4	<0.057	<0.056	<0.057 *	0.12 J	<0.057	<0.056	0.46	0.62	<0.056	2.4	0.16	<0.058	<0.056	<0.056	<0.057	<0.056	<0.057	<1.4	<0.29	<5.7	30 *	520	180	15	500	100
Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	*10*	**100**	ug/L	*62*	1.8	*12*	4.9	0.45 J	4.7	0.67J	0.47J	0.68 J	<0.23	<0.23	<0.25	<0.24	<0.23	<0.23	<0.23	<0.23	<0.23	**330**	**260**	**1400**	**390**	**5100**	**630**	**720**	**3200**	**620**
Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	*0.1*	**1**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene			ug/L	10	0.42 J	1.1	0.38 J	0.79	0.66 J	0.52J	1.2	1.7	0.38 J	1.1	0.39 J	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	170	130	6700	1700	36000	3900	480	14000	2300
Phenol	*1200*	**6000**	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	*50*	**250**	ug/L	8.3	0.69 J	1.4	0.38 J	0.56 J	0.65 J	0.39J	1.3	1.7	<0.32	4.1	0.67 J	<0.33	<0.32	<0.32	<0.32	<0.32	<0.32	13 J	10	**2700**	**720**	**16000**	**1400**	*160*	**6500**	**1100**

Italic: Value exceeds NR140 Preventive Action Limit
Bold: Value exceeds NR140 Enforcement Standard
J: Result is <RL but >MDL; concentration is approximate
*: LCS or LCSD exceeds the control limits

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-129789-1
Client Project/Site: Beazer Oak Creek - 117-2201372.01

For:
Tetra Tech GEO
175 N Corporate Drive
Suite 100
Brookfield, Wisconsin 53045

Attn: Mr. Mike Noel

Authorized for release by:
6/28/2017 2:44:08 PM

Sandie Fredrick, Project Manager II
(920)261-1660
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LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Job ID: 500-129789-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-129789-1

Comments
No additional comments.

Receipt
The samples were received on 6/17/2017 10:25 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.2º C.

GC/MS VOA
Method(s) 8260B: The laboratory control sample (LCS) for 390813 recovered outside control limits for the following analytes: Bromomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-130 (500-129789-4). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Client Sample ID: MW-133 — Lab Sample ID: 500-129789-1

No Detections.

Client Sample ID: MW-126 — Lab Sample ID: 500-129789-2

No Detections.

Client Sample ID: MW-127 — Lab Sample ID: 500-129789-3

No Detections.

Client Sample ID: MW-130 — Lab Sample ID: 500-129789-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	11		5.0	1.8	ug/L	5		8260B	Total/NA
1,3,5-Trimethylbenzene	7.1		5.0	1.3	ug/L	5		8260B	Total/NA
Benzene	1.6	J	2.5	0.73	ug/L	5		8260B	Total/NA
Ethylbenzene	41		2.5	0.92	ug/L	5		8260B	Total/NA
Isopropylbenzene	20		5.0	1.9	ug/L	5		8260B	Total/NA
N-Propylbenzene	3.9	J	5.0	2.1	ug/L	5		8260B	Total/NA
Toluene	1.7	J	2.5	0.76	ug/L	5		8260B	Total/NA
Xylenes, Total	43		5.0	1.1	ug/L	5		8260B	Total/NA
1-Methylnaphthalene	36		1.5	0.23	ug/L	1		8270D	Total/NA
2-Methylnaphthalene	9.2		1.5	0.049	ug/L	1		8270D	Total/NA
Acenaphthylene	2.0		0.75	0.20	ug/L	1		8270D	Total/NA
Anthracene	4.5		0.75	0.25	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	0.49		0.15	0.042	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.16		0.15	0.074	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.11	J	0.15	0.060	ug/L	1		8270D	Total/NA
Chrysene	0.33		0.15	0.051	ug/L	1		8270D	Total/NA
Fluoranthene	12		0.75	0.34	ug/L	1		8270D	Total/NA
Naphthalene	4.1		0.75	0.23	ug/L	1		8270D	Total/NA
Pyrene	7.8		0.75	0.32	ug/L	1		8270D	Total/NA
Acenaphthene - DL	130		7.5	2.3	ug/L	10		8270D	Total/NA
Fluorene - DL	59		7.5	1.8	ug/L	10		8270D	Total/NA
Phenanthrene - DL	55		7.5	2.3	ug/L	10		8270D	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 500-129789-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	16		1.0	0.36	ug/L	1		8260B	Total/NA
Benzene	13		0.50	0.15	ug/L	1		8260B	Total/NA
Ethylbenzene	26		0.50	0.18	ug/L	1		8260B	Total/NA
Isopropylbenzene	3.3		1.0	0.39	ug/L	1		8260B	Total/NA
N-Propylbenzene	1.3		1.0	0.41	ug/L	1		8260B	Total/NA
Toluene	1.6		0.50	0.15	ug/L	1		8260B	Total/NA
Xylenes, Total	6.9		1.0	0.22	ug/L	1		8260B	Total/NA
2-Methylnaphthalene	0.14	J	1.5	0.049	ug/L	1		8270D	Total/NA
Acenaphthylene	6.3		0.76	0.20	ug/L	1		8270D	Total/NA
Anthracene	0.51	J	0.76	0.25	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	0.068	J	0.15	0.043	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.16		0.15	0.075	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.069	J	0.15	0.061	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Client Sample ID: MW-2 (Continued) — Lab Sample ID: 500-129789-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	0.11	J	0.15	0.052	ug/L	1		8270D	Total/NA
Fluoranthene	1.3		0.76	0.34	ug/L	1		8270D	Total/NA
Fluorene	11		0.76	0.18	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.13	J	0.15	0.057	ug/L	1		8270D	Total/NA
Phenanthrene	13		0.76	0.23	ug/L	1		8270D	Total/NA
Pyrene	0.79		0.76	0.32	ug/L	1		8270D	Total/NA
1-Methylnaphthalene - DL	75		3.0	0.46	ug/L	2		8270D	Total/NA
Acenaphthene - DL	38		1.5	0.47	ug/L	2		8270D	Total/NA
Naphthalene - DL	62		1.5	0.47	ug/L	2		8270D	Total/NA

Client Sample ID: MW-131 — Lab Sample ID: 500-129789-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	2.7		0.75	0.23	ug/L	1		8270D	Total/NA
Fluoranthene	2.8		0.75	0.34	ug/L	1		8270D	Total/NA
Fluorene	2.3		0.75	0.18	ug/L	1		8270D	Total/NA
Pyrene	2.0		0.75	0.32	ug/L	1		8270D	Total/NA

Client Sample ID: MW-132 — Lab Sample ID: 500-129789-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3-Trichlorobenzene	1.8		1.0	0.46	ug/L	1		8260B	Total/NA
1,2,4-Trichlorobenzene	4.7		1.0	0.34	ug/L	1		8260B	Total/NA
1,2-Dichlorobenzene	17		1.0	0.33	ug/L	1		8260B	Total/NA
1,3-Dichlorobenzene	8.2		1.0	0.40	ug/L	1		8260B	Total/NA
1,4-Dichlorobenzene	1.3		1.0	0.36	ug/L	1		8260B	Total/NA
Benzene	0.27	J	0.50	0.15	ug/L	1		8260B	Total/NA
Chlorobenzene	2.1		1.0	0.39	ug/L	1		8260B	Total/NA
1-Methylnaphthalene	0.79	J	1.5	0.23	ug/L	1		8270D	Total/NA
2-Methylnaphthalene	0.28	J	1.5	0.049	ug/L	1		8270D	Total/NA
Acenaphthene	0.29	J	0.75	0.23	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	0.16		0.15	0.043	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.23		0.15	0.074	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.19		0.15	0.061	ug/L	1		8270D	Total/NA
Benzo[k]fluoranthene	0.064	J	0.15	0.048	ug/L	1		8270D	Total/NA
Chrysene	0.15		0.15	0.051	ug/L	1		8270D	Total/NA
Fluoranthene	0.34	J	0.75	0.34	ug/L	1		8270D	Total/NA
Fluorene	0.43	J	0.75	0.18	ug/L	1		8270D	Total/NA
Phenanthrene	0.38	J	0.75	0.23	ug/L	1		8270D	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 500-129789-8

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-129789-1	MW-133	Water	06/16/17 11:15	06/17/17 10:25
500-129789-2	MW-126	Water	06/16/17 11:50	06/17/17 10:25
500-129789-3	MW-127	Water	06/16/17 12:30	06/17/17 10:25
500-129789-4	MW-130	Water	06/16/17 14:20	06/17/17 10:25
500-129789-5	MW-2	Water	06/16/17 15:00	06/17/17 10:25
500-129789-6	MW-131	Water	06/16/17 15:45	06/17/17 10:25
500-129789-7	MW-132	Water	06/16/17 16:05	06/17/17 10:25
500-129789-8	Trip Blank	Water	06/16/17 00:00	06/17/17 10:25

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Client Sample ID: MW-133

Date Collected: 06/16/17 11:15
Date Received: 06/17/17 10:25

Lab Sample ID: 500-129789-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/23/17 11:39	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/23/17 11:39	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/23/17 11:39	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/23/17 11:39	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/23/17 11:39	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/23/17 11:39	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/23/17 11:39	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/23/17 11:39	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			06/23/17 11:39	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/23/17 11:39	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/23/17 11:39	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/23/17 11:39	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/23/17 11:39	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/23/17 11:39	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/23/17 11:39	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/23/17 11:39	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/23/17 11:39	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/23/17 11:39	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/23/17 11:39	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/23/17 11:39	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/23/17 11:39	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/23/17 11:39	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/23/17 11:39	1
Benzene	<0.15		0.50	0.15	ug/L			06/23/17 11:39	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/23/17 11:39	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/23/17 11:39	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/23/17 11:39	1
Bromoform	<0.48		1.0	0.48	ug/L			06/23/17 11:39	1
Bromomethane	<0.80		2.0	0.80	ug/L			06/23/17 11:39	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/23/17 11:39	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/23/17 11:39	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/23/17 11:39	1
Chloroform	<0.37		2.0	0.37	ug/L			06/23/17 11:39	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/23/17 11:39	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/23/17 11:39	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/23/17 11:39	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/23/17 11:39	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/23/17 11:39	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			06/23/17 11:39	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/23/17 11:39	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/23/17 11:39	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/23/17 11:39	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/23/17 11:39	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/23/17 11:39	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/23/17 11:39	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/23/17 11:39	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/23/17 11:39	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/23/17 11:39	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/23/17 11:39	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Client Sample ID: MW-133

Date Collected: 06/16/17 11:15
Date Received: 06/17/17 10:25

Lab Sample ID: 500-129789-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.39		1.0	0.39	ug/L			06/23/17 11:39	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/23/17 11:39	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/23/17 11:39	1
Toluene	<0.15		0.50	0.15	ug/L			06/23/17 11:39	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/23/17 11:39	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/23/17 11:39	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/23/17 11:39	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/23/17 11:39	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			06/23/17 11:39	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/23/17 11:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 126*		*06/23/17 11:39*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*06/23/17 11:39*	*1*
Dibromofluoromethane	*92*		*75 - 120*		*06/23/17 11:39*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*06/23/17 11:39*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.23		1.5	0.23	ug/L		06/22/17 08:01	06/22/17 17:51	1
2-Methylnaphthalene	<0.049		1.5	0.049	ug/L		06/22/17 08:01	06/22/17 17:51	1
Acenaphthene	<0.23		0.76	0.23	ug/L		06/22/17 08:01	06/22/17 17:51	1
Acenaphthylene	<0.20		0.76	0.20	ug/L		06/22/17 08:01	06/22/17 17:51	1
Anthracene	<0.25		0.76	0.25	ug/L		06/22/17 08:01	06/22/17 17:51	1
Benzo[a]anthracene	<0.043		0.15	0.043	ug/L		06/22/17 08:01	06/22/17 17:51	1
Benzo[a]pyrene	<0.075		0.15	0.075	ug/L		06/22/17 08:01	06/22/17 17:51	1
Benzo[b]fluoranthene	<0.061		0.15	0.061	ug/L		06/22/17 08:01	06/22/17 17:51	1
Benzo[g,h,i]perylene	<0.28		0.76	0.28	ug/L		06/22/17 08:01	06/22/17 17:51	1
Benzo[k]fluoranthene	<0.049		0.15	0.049	ug/L		06/22/17 08:01	06/22/17 17:51	1
Chrysene	<0.052		0.15	0.052	ug/L		06/22/17 08:01	06/22/17 17:51	1
Dibenz(a,h)anthracene	<0.039		0.23	0.039	ug/L		06/22/17 08:01	06/22/17 17:51	1
Fluoranthene	<0.34		0.76	0.34	ug/L		06/22/17 08:01	06/22/17 17:51	1
Fluorene	<0.19		0.76	0.19	ug/L		06/22/17 08:01	06/22/17 17:51	1
Indeno[1,2,3-cd]pyrene	<0.057		0.15	0.057	ug/L		06/22/17 08:01	06/22/17 17:51	1
Naphthalene	<0.23		0.76	0.23	ug/L		06/22/17 08:01	06/22/17 17:51	1
Phenanthrene	<0.23		0.76	0.23	ug/L		06/22/17 08:01	06/22/17 17:51	1
Pyrene	<0.32		0.76	0.32	ug/L		06/22/17 08:01	06/22/17 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*52*		*34 - 110*	*06/22/17 08:01*	*06/22/17 17:51*	*1*
Nitrobenzene-d5 (Surr)	*65*		*36 - 120*	*06/22/17 08:01*	*06/22/17 17:51*	*1*
Terphenyl-d14 (Surr)	*92*		*40 - 145*	*06/22/17 08:01*	*06/22/17 17:51*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Client Sample ID: MW-126

Date Collected: 06/16/17 11:50
Date Received: 06/17/17 10:25

Lab Sample ID: 500-129789-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/23/17 12:05	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/23/17 12:05	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/23/17 12:05	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/23/17 12:05	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/23/17 12:05	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/23/17 12:05	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/23/17 12:05	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/23/17 12:05	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			06/23/17 12:05	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/23/17 12:05	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/23/17 12:05	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/23/17 12:05	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/23/17 12:05	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/23/17 12:05	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/23/17 12:05	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/23/17 12:05	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/23/17 12:05	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/23/17 12:05	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/23/17 12:05	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/23/17 12:05	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/23/17 12:05	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/23/17 12:05	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/23/17 12:05	1
Benzene	<0.15		0.50	0.15	ug/L			06/23/17 12:05	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/23/17 12:05	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/23/17 12:05	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/23/17 12:05	1
Bromoform	<0.48		1.0	0.48	ug/L			06/23/17 12:05	1
Bromomethane	<0.80		2.0	0.80	ug/L			06/23/17 12:05	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/23/17 12:05	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/23/17 12:05	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/23/17 12:05	1
Chloroform	<0.37		2.0	0.37	ug/L			06/23/17 12:05	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/23/17 12:05	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/23/17 12:05	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/23/17 12:05	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/23/17 12:05	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/23/17 12:05	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			06/23/17 12:05	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/23/17 12:05	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/23/17 12:05	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/23/17 12:05	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/23/17 12:05	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/23/17 12:05	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/23/17 12:05	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/23/17 12:05	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/23/17 12:05	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/23/17 12:05	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/23/17 12:05	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Client Sample ID: MW-126

Date Collected: 06/16/17 11:50
Date Received: 06/17/17 10:25

Lab Sample ID: 500-129789-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.39		1.0	0.39	ug/L			06/23/17 12:05	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/23/17 12:05	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/23/17 12:05	1
Toluene	<0.15		0.50	0.15	ug/L			06/23/17 12:05	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/23/17 12:05	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/23/17 12:05	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/23/17 12:05	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/23/17 12:05	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			06/23/17 12:05	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/23/17 12:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 126*		*06/23/17 12:05*	*1*
4-Bromofluorobenzene (Surr)	*106*		*72 - 124*		*06/23/17 12:05*	*1*
Dibromofluoromethane	*93*		*75 - 120*		*06/23/17 12:05*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*06/23/17 12:05*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.23		1.5	0.23	ug/L		06/22/17 08:01	06/22/17 18:18	1
2-Methylnaphthalene	<0.049		1.5	0.049	ug/L		06/22/17 08:01	06/22/17 18:18	1
Acenaphthene	<0.23		0.75	0.23	ug/L		06/22/17 08:01	06/22/17 18:18	1
Acenaphthylene	<0.20		0.75	0.20	ug/L		06/22/17 08:01	06/22/17 18:18	1
Anthracene	<0.25		0.75	0.25	ug/L		06/22/17 08:01	06/22/17 18:18	1
Benzo[a]anthracene	<0.043		0.15	0.043	ug/L		06/22/17 08:01	06/22/17 18:18	1
Benzo[a]pyrene	<0.075		0.15	0.075	ug/L		06/22/17 08:01	06/22/17 18:18	1
Benzo[b]fluoranthene	<0.061		0.15	0.061	ug/L		06/22/17 08:01	06/22/17 18:18	1
Benzo[g,h,i]perylene	<0.28		0.75	0.28	ug/L		06/22/17 08:01	06/22/17 18:18	1
Benzo[k]fluoranthene	<0.048		0.15	0.048	ug/L		06/22/17 08:01	06/22/17 18:18	1
Chrysene	<0.051		0.15	0.051	ug/L		06/22/17 08:01	06/22/17 18:18	1
Dibenz(a,h)anthracene	<0.038		0.23	0.038	ug/L		06/22/17 08:01	06/22/17 18:18	1
Fluoranthene	<0.34		0.75	0.34	ug/L		06/22/17 08:01	06/22/17 18:18	1
Fluorene	<0.18		0.75	0.18	ug/L		06/22/17 08:01	06/22/17 18:18	1
Indeno[1,2,3-cd]pyrene	<0.056		0.15	0.056	ug/L		06/22/17 08:01	06/22/17 18:18	1
Naphthalene	<0.23		0.75	0.23	ug/L		06/22/17 08:01	06/22/17 18:18	1
Phenanthrene	<0.23		0.75	0.23	ug/L		06/22/17 08:01	06/22/17 18:18	1
Pyrene	<0.32		0.75	0.32	ug/L		06/22/17 08:01	06/22/17 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*60*		*34 - 110*	*06/22/17 08:01*	*06/22/17 18:18*	*1*
Nitrobenzene-d5 (Surr)	*70*		*36 - 120*	*06/22/17 08:01*	*06/22/17 18:18*	*1*
Terphenyl-d14 (Surr)	*96*		*40 - 145*	*06/22/17 08:01*	*06/22/17 18:18*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Client Sample ID: MW-127

Date Collected: 06/16/17 12:30
Date Received: 06/17/17 10:25

Lab Sample ID: 500-129789-3

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/23/17 12:30	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/23/17 12:30	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/23/17 12:30	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/23/17 12:30	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/23/17 12:30	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/23/17 12:30	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/23/17 12:30	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/23/17 12:30	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			06/23/17 12:30	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/23/17 12:30	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/23/17 12:30	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/23/17 12:30	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/23/17 12:30	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/23/17 12:30	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/23/17 12:30	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/23/17 12:30	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/23/17 12:30	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/23/17 12:30	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/23/17 12:30	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/23/17 12:30	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/23/17 12:30	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/23/17 12:30	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/23/17 12:30	1
Benzene	<0.15		0.50	0.15	ug/L			06/23/17 12:30	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/23/17 12:30	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/23/17 12:30	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/23/17 12:30	1
Bromoform	<0.48		1.0	0.48	ug/L			06/23/17 12:30	1
Bromomethane	<0.80		2.0	0.80	ug/L			06/23/17 12:30	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/23/17 12:30	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/23/17 12:30	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/23/17 12:30	1
Chloroform	<0.37		2.0	0.37	ug/L			06/23/17 12:30	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/23/17 12:30	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/23/17 12:30	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/23/17 12:30	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/23/17 12:30	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/23/17 12:30	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			06/23/17 12:30	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/23/17 12:30	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/23/17 12:30	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/23/17 12:30	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/23/17 12:30	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/23/17 12:30	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/23/17 12:30	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/23/17 12:30	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/23/17 12:30	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/23/17 12:30	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/23/17 12:30	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Client Sample ID: MW-127

Date Collected: 06/16/17 12:30
Date Received: 06/17/17 10:25

Lab Sample ID: 500-129789-3

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.39		1.0	0.39	ug/L			06/23/17 12:30	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/23/17 12:30	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/23/17 12:30	1
Toluene	<0.15		0.50	0.15	ug/L			06/23/17 12:30	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/23/17 12:30	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/23/17 12:30	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/23/17 12:30	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/23/17 12:30	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			06/23/17 12:30	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/23/17 12:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*		*06/23/17 12:30*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*		*06/23/17 12:30*	*1*
Dibromofluoromethane	*86*		*75 - 120*		*06/23/17 12:30*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*06/23/17 12:30*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.23		1.5	0.23	ug/L		06/22/17 08:01	06/22/17 18:46	1
2-Methylnaphthalene	<0.050		1.5	0.050	ug/L		06/22/17 08:01	06/22/17 18:46	1
Acenaphthene	<0.23		0.76	0.23	ug/L		06/22/17 08:01	06/22/17 18:46	1
Acenaphthylene	<0.20		0.76	0.20	ug/L		06/22/17 08:01	06/22/17 18:46	1
Anthracene	<0.25		0.76	0.25	ug/L		06/22/17 08:01	06/22/17 18:46	1
Benzo[a]anthracene	<0.043		0.15	0.043	ug/L		06/22/17 08:01	06/22/17 18:46	1
Benzo[a]pyrene	<0.075		0.15	0.075	ug/L		06/22/17 08:01	06/22/17 18:46	1
Benzo[b]fluoranthene	<0.061		0.15	0.061	ug/L		06/22/17 08:01	06/22/17 18:46	1
Benzo[g,h,i]perylene	<0.29		0.76	0.29	ug/L		06/22/17 08:01	06/22/17 18:46	1
Benzo[k]fluoranthene	<0.049		0.15	0.049	ug/L		06/22/17 08:01	06/22/17 18:46	1
Chrysene	<0.052		0.15	0.052	ug/L		06/22/17 08:01	06/22/17 18:46	1
Dibenz(a,h)anthracene	<0.039		0.23	0.039	ug/L		06/22/17 08:01	06/22/17 18:46	1
Fluoranthene	<0.34		0.76	0.34	ug/L		06/22/17 08:01	06/22/17 18:46	1
Fluorene	<0.19		0.76	0.19	ug/L		06/22/17 08:01	06/22/17 18:46	1
Indeno[1,2,3-cd]pyrene	<0.057		0.15	0.057	ug/L		06/22/17 08:01	06/22/17 18:46	1
Naphthalene	<0.23		0.76	0.23	ug/L		06/22/17 08:01	06/22/17 18:46	1
Phenanthrene	<0.23		0.76	0.23	ug/L		06/22/17 08:01	06/22/17 18:46	1
Pyrene	<0.32		0.76	0.32	ug/L		06/22/17 08:01	06/22/17 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*58*		*34 - 110*	*06/22/17 08:01*	*06/22/17 18:46*	*1*
Nitrobenzene-d5 (Surr)	*75*		*36 - 120*	*06/22/17 08:01*	*06/22/17 18:46*	*1*
Terphenyl-d14 (Surr)	*95*		*40 - 145*	*06/22/17 08:01*	*06/22/17 18:46*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Client Sample ID: MW-130

Date Collected: 06/16/17 14:20
Date Received: 06/17/17 10:25

Lab Sample ID: 500-129789-4

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<2.3		5.0	2.3	ug/L			06/23/17 12:55	5
1,1,1-Trichloroethane	<1.9		5.0	1.9	ug/L			06/23/17 12:55	5
1,1,2,2-Tetrachloroethane	<2.0		5.0	2.0	ug/L			06/23/17 12:55	5
1,1,2-Trichloroethane	<1.8		5.0	1.8	ug/L			06/23/17 12:55	5
1,1-Dichloroethane	<2.1		5.0	2.1	ug/L			06/23/17 12:55	5
1,1-Dichloroethene	<2.0		5.0	2.0	ug/L			06/23/17 12:55	5
1,1-Dichloropropene	<1.5		5.0	1.5	ug/L			06/23/17 12:55	5
1,2,3-Trichlorobenzene	<2.3		5.0	2.3	ug/L			06/23/17 12:55	5
1,2,3-Trichloropropane	<2.1		5.0	2.1	ug/L			06/23/17 12:55	5
1,2,4-Trichlorobenzene	<1.7		5.0	1.7	ug/L			06/23/17 12:55	5
1,2,4-Trimethylbenzene	**11**		5.0	1.8	ug/L			06/23/17 12:55	5
1,2-Dibromo-3-Chloropropane	<10		25	10	ug/L			06/23/17 12:55	5
1,2-Dibromoethane	<1.9		5.0	1.9	ug/L			06/23/17 12:55	5
1,2-Dichlorobenzene	<1.7		5.0	1.7	ug/L			06/23/17 12:55	5
1,2-Dichloroethane	<2.0		5.0	2.0	ug/L			06/23/17 12:55	5
1,2-Dichloropropane	<2.1		5.0	2.1	ug/L			06/23/17 12:55	5
1,3,5-Trimethylbenzene	**7.1**		5.0	1.3	ug/L			06/23/17 12:55	5
1,3-Dichlorobenzene	<2.0		5.0	2.0	ug/L			06/23/17 12:55	5
1,3-Dichloropropane	<1.8		5.0	1.8	ug/L			06/23/17 12:55	5
1,4-Dichlorobenzene	<1.8		5.0	1.8	ug/L			06/23/17 12:55	5
2,2-Dichloropropane	<2.2		5.0	2.2	ug/L			06/23/17 12:55	5
2-Chlorotoluene	<1.6		5.0	1.6	ug/L			06/23/17 12:55	5
4-Chlorotoluene	<1.7		5.0	1.7	ug/L			06/23/17 12:55	5
Benzene	**1.6**	**J**	2.5	0.73	ug/L			06/23/17 12:55	5
Bromobenzene	<1.8		5.0	1.8	ug/L			06/23/17 12:55	5
Bromochloromethane	<2.1		5.0	2.1	ug/L			06/23/17 12:55	5
Bromodichloromethane	<1.9		5.0	1.9	ug/L			06/23/17 12:55	5
Bromoform	<2.4		5.0	2.4	ug/L			06/23/17 12:55	5
Bromomethane	<4.0		10	4.0	ug/L			06/23/17 12:55	5
Carbon tetrachloride	<1.9		5.0	1.9	ug/L			06/23/17 12:55	5
Chlorobenzene	<1.9		5.0	1.9	ug/L			06/23/17 12:55	5
Chloroethane	<2.5		5.0	2.5	ug/L			06/23/17 12:55	5
Chloroform	<1.9		10	1.9	ug/L			06/23/17 12:55	5
Chloromethane	<1.6		5.0	1.6	ug/L			06/23/17 12:55	5
cis-1,2-Dichloroethene	<2.0		5.0	2.0	ug/L			06/23/17 12:55	5
cis-1,3-Dichloropropene	<2.1		5.0	2.1	ug/L			06/23/17 12:55	5
Dibromochloromethane	<2.4		5.0	2.4	ug/L			06/23/17 12:55	5
Dibromomethane	<1.4		5.0	1.4	ug/L			06/23/17 12:55	5
Dichlorodifluoromethane	<3.4		10	3.4	ug/L			06/23/17 12:55	5
Ethylbenzene	**41**		2.5	0.92	ug/L			06/23/17 12:55	5
Hexachlorobutadiene	<2.2		5.0	2.2	ug/L			06/23/17 12:55	5
Isopropyl ether	<1.4		5.0	1.4	ug/L			06/23/17 12:55	5
Isopropylbenzene	**20**		5.0	1.9	ug/L			06/23/17 12:55	5
Methyl tert-butyl ether	<2.0		5.0	2.0	ug/L			06/23/17 12:55	5
Methylene Chloride	<8.2		25	8.2	ug/L			06/23/17 12:55	5
n-Butylbenzene	<1.9		5.0	1.9	ug/L			06/23/17 12:55	5
N-Propylbenzene	**3.9**	**J**	5.0	2.1	ug/L			06/23/17 12:55	5
p-Isopropyltoluene	<1.8		5.0	1.8	ug/L			06/23/17 12:55	5
sec-Butylbenzene	<2.0		5.0	2.0	ug/L			06/23/17 12:55	5

Client Sample ID: MW-130

Date Collected: 06/16/17 14:20
Date Received: 06/17/17 10:25

Lab Sample ID: 500-129789-4

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<1.9		5.0	1.9	ug/L			06/23/17 12:55	5
tert-Butylbenzene	<2.0		5.0	2.0	ug/L			06/23/17 12:55	5
Tetrachloroethene	<1.9		5.0	1.9	ug/L			06/23/17 12:55	5
Toluene	**1.7**	**J**	2.5	0.76	ug/L			06/23/17 12:55	5
trans-1,2-Dichloroethene	<1.7		5.0	1.7	ug/L			06/23/17 12:55	5
trans-1,3-Dichloropropene	<1.8		5.0	1.8	ug/L			06/23/17 12:55	5
Trichloroethene	<0.82		2.5	0.82	ug/L			06/23/17 12:55	5
Trichlorofluoromethane	<2.1		5.0	2.1	ug/L			06/23/17 12:55	5
Vinyl chloride	<1.0		2.5	1.0	ug/L			06/23/17 12:55	5
Xylenes, Total	**43**		5.0	1.1	ug/L			06/23/17 12:55	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 126*		*06/23/17 12:55*	*5*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*		*06/23/17 12:55*	*5*
Dibromofluoromethane	*91*		*75 - 120*		*06/23/17 12:55*	*5*
Toluene-d8 (Surr)	*104*		*75 - 120*		*06/23/17 12:55*	*5*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*		*06/23/17 13:20*	*50*
4-Bromofluorobenzene (Surr)	*97*		*72 - 124*		*06/23/17 13:20*	*50*
Dibromofluoromethane	*83*		*75 - 120*		*06/23/17 13:20*	*50*
Toluene-d8 (Surr)	*102*		*75 - 120*		*06/23/17 13:20*	*50*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**36**		1.5	0.23	ug/L		06/22/17 08:01	06/22/17 19:14	1
2-Methylnaphthalene	**9.2**		1.5	0.049	ug/L		06/22/17 08:01	06/22/17 19:14	1
Acenaphthylene	**2.0**		0.75	0.20	ug/L		06/22/17 08:01	06/22/17 19:14	1
Anthracene	**4.5**		0.75	0.25	ug/L		06/22/17 08:01	06/22/17 19:14	1
Benzo[a]anthracene	**0.49**		0.15	0.042	ug/L		06/22/17 08:01	06/22/17 19:14	1
Benzo[a]pyrene	**0.16**		0.15	0.074	ug/L		06/22/17 08:01	06/22/17 19:14	1
Benzo[b]fluoranthene	**0.11**	**J**	0.15	0.060	ug/L		06/22/17 08:01	06/22/17 19:14	1
Benzo[g,h,i]perylene	<0.28		0.75	0.28	ug/L		06/22/17 08:01	06/22/17 19:14	1
Benzo[k]fluoranthene	<0.048		0.15	0.048	ug/L		06/22/17 08:01	06/22/17 19:14	1
Chrysene	**0.33**		0.15	0.051	ug/L		06/22/17 08:01	06/22/17 19:14	1
Dibenz(a,h)anthracene	<0.038		0.22	0.038	ug/L		06/22/17 08:01	06/22/17 19:14	1
Fluoranthene	**12**		0.75	0.34	ug/L		06/22/17 08:01	06/22/17 19:14	1
Indeno[1,2,3-cd]pyrene	<0.056		0.15	0.056	ug/L		06/22/17 08:01	06/22/17 19:14	1
Naphthalene	**4.1**		0.75	0.23	ug/L		06/22/17 08:01	06/22/17 19:14	1
Pyrene	**7.8**		0.75	0.32	ug/L		06/22/17 08:01	06/22/17 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*34 - 110*	*06/22/17 08:01*	*06/22/17 19:14*	*1*
Nitrobenzene-d5 (Surr)	*83*		*36 - 120*	*06/22/17 08:01*	*06/22/17 19:14*	*1*
Terphenyl-d14 (Surr)	*98*		*40 - 145*	*06/22/17 08:01*	*06/22/17 19:14*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**130**		7.5	2.3	ug/L		06/22/17 08:01	06/23/17 13:14	10

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Client Sample ID: MW-130

Date Collected: 06/16/17 14:20
Date Received: 06/17/17 10:25

Lab Sample ID: 500-129789-4

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	59		7.5	1.8	ug/L		06/22/17 08:01	06/23/17 13:14	10
Phenanthrene	55		7.5	2.3	ug/L		06/22/17 08:01	06/23/17 13:14	10

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Client Sample ID: MW-2

Date Collected: 06/16/17 15:00
Date Received: 06/17/17 10:25

Lab Sample ID: 500-129789-5

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/23/17 13:45	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/23/17 13:45	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/23/17 13:45	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/23/17 13:45	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/23/17 13:45	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/23/17 13:45	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/23/17 13:45	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/23/17 13:45	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			06/23/17 13:45	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/23/17 13:45	1
1,2,4-Trimethylbenzene	**16**		1.0	0.36	ug/L			06/23/17 13:45	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/23/17 13:45	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/23/17 13:45	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/23/17 13:45	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/23/17 13:45	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/23/17 13:45	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/23/17 13:45	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/23/17 13:45	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/23/17 13:45	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/23/17 13:45	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/23/17 13:45	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/23/17 13:45	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/23/17 13:45	1
Benzene	**13**		0.50	0.15	ug/L			06/23/17 13:45	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/23/17 13:45	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/23/17 13:45	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/23/17 13:45	1
Bromoform	<0.48		1.0	0.48	ug/L			06/23/17 13:45	1
Bromomethane	<0.80		2.0	0.80	ug/L			06/23/17 13:45	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/23/17 13:45	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/23/17 13:45	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/23/17 13:45	1
Chloroform	<0.37		2.0	0.37	ug/L			06/23/17 13:45	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/23/17 13:45	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/23/17 13:45	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/23/17 13:45	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/23/17 13:45	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/23/17 13:45	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			06/23/17 13:45	1
Ethylbenzene	**26**		0.50	0.18	ug/L			06/23/17 13:45	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/23/17 13:45	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/23/17 13:45	1
Isopropylbenzene	**3.3**		1.0	0.39	ug/L			06/23/17 13:45	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/23/17 13:45	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/23/17 13:45	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/23/17 13:45	1
N-Propylbenzene	**1.3**		1.0	0.41	ug/L			06/23/17 13:45	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/23/17 13:45	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/23/17 13:45	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Client Sample ID: MW-2

Date Collected: 06/16/17 15:00
Date Received: 06/17/17 10:25

Lab Sample ID: 500-129789-5

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.39		1.0	0.39	ug/L			06/23/17 13:45	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/23/17 13:45	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/23/17 13:45	1
Toluene	**1.6**		0.50	0.15	ug/L			06/23/17 13:45	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/23/17 13:45	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/23/17 13:45	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/23/17 13:45	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/23/17 13:45	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			06/23/17 13:45	1
Xylenes, Total	**6.9**		1.0	0.22	ug/L			06/23/17 13:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 126*		*06/23/17 13:45*	*1*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*		*06/23/17 13:45*	*1*
Dibromofluoromethane	*93*		*75 - 120*		*06/23/17 13:45*	*1*
Toluene-d8 (Surr)	*108*		*75 - 120*		*06/23/17 13:45*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**0.14**	**J**	1.5	0.049	ug/L		06/22/17 08:01	06/22/17 19:42	1
Acenaphthylene	**6.3**		0.76	0.20	ug/L		06/22/17 08:01	06/22/17 19:42	1
Anthracene	**0.51**	**J**	0.76	0.25	ug/L		06/22/17 08:01	06/22/17 19:42	1
Benzo[a]anthracene	**0.068**	**J**	0.15	0.043	ug/L		06/22/17 08:01	06/22/17 19:42	1
Benzo[a]pyrene	**0.16**		0.15	0.075	ug/L		06/22/17 08:01	06/22/17 19:42	1
Benzo[b]fluoranthene	**0.069**	**J**	0.15	0.061	ug/L		06/22/17 08:01	06/22/17 19:42	1
Benzo[g,h,i]perylene	<0.28		0.76	0.28	ug/L		06/22/17 08:01	06/22/17 19:42	1
Benzo[k]fluoranthene	<0.049		0.15	0.049	ug/L		06/22/17 08:01	06/22/17 19:42	1
Chrysene	**0.11**	**J**	0.15	0.052	ug/L		06/22/17 08:01	06/22/17 19:42	1
Dibenz(a,h)anthracene	<0.038		0.23	0.038	ug/L		06/22/17 08:01	06/22/17 19:42	1
Fluoranthene	**1.3**		0.76	0.34	ug/L		06/22/17 08:01	06/22/17 19:42	1
Fluorene	**11**		0.76	0.18	ug/L		06/22/17 08:01	06/22/17 19:42	1
Indeno[1,2,3-cd]pyrene	**0.13**	**J**	0.15	0.057	ug/L		06/22/17 08:01	06/22/17 19:42	1
Phenanthrene	**13**		0.76	0.23	ug/L		06/22/17 08:01	06/22/17 19:42	1
Pyrene	**0.79**		0.76	0.32	ug/L		06/22/17 08:01	06/22/17 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*68*		*34 - 110*	*06/22/17 08:01*	*06/22/17 19:42*	*1*
Nitrobenzene-d5 (Surr)	*80*		*36 - 120*	*06/22/17 08:01*	*06/22/17 19:42*	*1*
Terphenyl-d14 (Surr)	*97*		*40 - 145*	*06/22/17 08:01*	*06/22/17 19:42*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**75**		3.0	0.46	ug/L		06/22/17 08:01	06/23/17 13:39	2
Acenaphthene	**38**		1.5	0.47	ug/L		06/22/17 08:01	06/23/17 13:39	2
Naphthalene	**62**		1.5	0.47	ug/L		06/22/17 08:01	06/23/17 13:39	2

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Client Sample ID: MW-131

Date Collected: 06/16/17 15:45
Date Received: 06/17/17 10:25

Lab Sample ID: 500-129789-6

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/26/17 10:58	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/26/17 10:58	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/26/17 10:58	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/26/17 10:58	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/26/17 10:58	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/26/17 10:58	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/26/17 10:58	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/26/17 10:58	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			06/26/17 10:58	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/26/17 10:58	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/26/17 10:58	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/26/17 10:58	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/26/17 10:58	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/26/17 10:58	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/26/17 10:58	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/26/17 10:58	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/26/17 10:58	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/26/17 10:58	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/26/17 10:58	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/26/17 10:58	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/26/17 10:58	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/26/17 10:58	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/26/17 10:58	1
Benzene	<0.15		0.50	0.15	ug/L			06/26/17 10:58	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/26/17 10:58	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/26/17 10:58	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/26/17 10:58	1
Bromoform	<0.48		1.0	0.48	ug/L			06/26/17 10:58	1
Bromomethane	<0.80	*	2.0	0.80	ug/L			06/26/17 10:58	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/26/17 10:58	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/26/17 10:58	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/26/17 10:58	1
Chloroform	<0.37		2.0	0.37	ug/L			06/26/17 10:58	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/26/17 10:58	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/26/17 10:58	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/26/17 10:58	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/26/17 10:58	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/26/17 10:58	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			06/26/17 10:58	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/26/17 10:58	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/26/17 10:58	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/26/17 10:58	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/26/17 10:58	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/26/17 10:58	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/26/17 10:58	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/26/17 10:58	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/26/17 10:58	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/26/17 10:58	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/26/17 10:58	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Client Sample ID: MW-131

Date Collected: 06/16/17 15:45
Date Received: 06/17/17 10:25

Lab Sample ID: 500-129789-6

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.39		1.0	0.39	ug/L			06/26/17 10:58	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/26/17 10:58	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/26/17 10:58	1
Toluene	<0.15		0.50	0.15	ug/L			06/26/17 10:58	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/26/17 10:58	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/26/17 10:58	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/26/17 10:58	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/26/17 10:58	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			06/26/17 10:58	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/26/17 10:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*		*06/26/17 10:58*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 124*		*06/26/17 10:58*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*06/26/17 10:58*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*06/26/17 10:58*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.22		1.5	0.22	ug/L		06/22/17 08:01	06/22/17 20:09	1
2-Methylnaphthalene	<0.049		1.5	0.049	ug/L		06/22/17 08:01	06/22/17 20:09	1
Acenaphthene	**2.7**		0.75	0.23	ug/L		06/22/17 08:01	06/22/17 20:09	1
Acenaphthylene	<0.20		0.75	0.20	ug/L		06/22/17 08:01	06/22/17 20:09	1
Anthracene	<0.25		0.75	0.25	ug/L		06/22/17 08:01	06/22/17 20:09	1
Benzo[a]anthracene	<0.042		0.15	0.042	ug/L		06/22/17 08:01	06/22/17 20:09	1
Benzo[a]pyrene	<0.074		0.15	0.074	ug/L		06/22/17 08:01	06/22/17 20:09	1
Benzo[b]fluoranthene	<0.060		0.15	0.060	ug/L		06/22/17 08:01	06/22/17 20:09	1
Benzo[g,h,i]perylene	<0.28		0.75	0.28	ug/L		06/22/17 08:01	06/22/17 20:09	1
Benzo[k]fluoranthene	<0.048		0.15	0.048	ug/L		06/22/17 08:01	06/22/17 20:09	1
Chrysene	<0.051		0.15	0.051	ug/L		06/22/17 08:01	06/22/17 20:09	1
Dibenz(a,h)anthracene	<0.038		0.22	0.038	ug/L		06/22/17 08:01	06/22/17 20:09	1
Fluoranthene	**2.8**		0.75	0.34	ug/L		06/22/17 08:01	06/22/17 20:09	1
Fluorene	**2.3**		0.75	0.18	ug/L		06/22/17 08:01	06/22/17 20:09	1
Indeno[1,2,3-cd]pyrene	<0.056		0.15	0.056	ug/L		06/22/17 08:01	06/22/17 20:09	1
Naphthalene	<0.23		0.75	0.23	ug/L		06/22/17 08:01	06/22/17 20:09	1
Phenanthrene	<0.22		0.75	0.22	ug/L		06/22/17 08:01	06/22/17 20:09	1
Pyrene	**2.0**		0.75	0.32	ug/L		06/22/17 08:01	06/22/17 20:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*34 - 110*	*06/22/17 08:01*	*06/22/17 20:09*	*1*
Nitrobenzene-d5 (Surr)	*80*		*36 - 120*	*06/22/17 08:01*	*06/22/17 20:09*	*1*
Terphenyl-d14 (Surr)	*98*		*40 - 145*	*06/22/17 08:01*	*06/22/17 20:09*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Client Sample ID: MW-132

Date Collected: 06/16/17 16:05
Date Received: 06/17/17 10:25

Lab Sample ID: 500-129789-7

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/23/17 14:36	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/23/17 14:36	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/23/17 14:36	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/23/17 14:36	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/23/17 14:36	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/23/17 14:36	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/23/17 14:36	1
1,2,3-Trichlorobenzene	**1.8**		1.0	0.46	ug/L			06/23/17 14:36	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			06/23/17 14:36	1
1,2,4-Trichlorobenzene	**4.7**		1.0	0.34	ug/L			06/23/17 14:36	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/23/17 14:36	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/23/17 14:36	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/23/17 14:36	1
1,2-Dichlorobenzene	**17**		1.0	0.33	ug/L			06/23/17 14:36	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/23/17 14:36	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/23/17 14:36	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/23/17 14:36	1
1,3-Dichlorobenzene	**8.2**		1.0	0.40	ug/L			06/23/17 14:36	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/23/17 14:36	1
1,4-Dichlorobenzene	**1.3**		1.0	0.36	ug/L			06/23/17 14:36	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/23/17 14:36	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/23/17 14:36	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/23/17 14:36	1
Benzene	**0.27**	**J**	0.50	0.15	ug/L			06/23/17 14:36	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/23/17 14:36	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/23/17 14:36	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/23/17 14:36	1
Bromoform	<0.48		1.0	0.48	ug/L			06/23/17 14:36	1
Bromomethane	<0.80		2.0	0.80	ug/L			06/23/17 14:36	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/23/17 14:36	1
Chlorobenzene	**2.1**		1.0	0.39	ug/L			06/23/17 14:36	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/23/17 14:36	1
Chloroform	<0.37		2.0	0.37	ug/L			06/23/17 14:36	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/23/17 14:36	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/23/17 14:36	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/23/17 14:36	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/23/17 14:36	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/23/17 14:36	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			06/23/17 14:36	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/23/17 14:36	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/23/17 14:36	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/23/17 14:36	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/23/17 14:36	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/23/17 14:36	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/23/17 14:36	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/23/17 14:36	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/23/17 14:36	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/23/17 14:36	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/23/17 14:36	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Client Sample ID: MW-132

Date Collected: 06/16/17 16:05
Date Received: 06/17/17 10:25

Lab Sample ID: 500-129789-7

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.39		1.0	0.39	ug/L			06/23/17 14:36	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/23/17 14:36	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/23/17 14:36	1
Toluene	<0.15		0.50	0.15	ug/L			06/23/17 14:36	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/23/17 14:36	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/23/17 14:36	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/23/17 14:36	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/23/17 14:36	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			06/23/17 14:36	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/23/17 14:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*		*06/23/17 14:36*	*1*
4-Bromofluorobenzene (Surr)	*106*		*72 - 124*		*06/23/17 14:36*	*1*
Dibromofluoromethane	*91*		*75 - 120*		*06/23/17 14:36*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*06/23/17 14:36*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.79**	**J**	1.5	0.23	ug/L		06/22/17 08:01	06/22/17 20:37	1
2-Methylnaphthalene	**0.28**	**J**	1.5	0.049	ug/L		06/22/17 08:01	06/22/17 20:37	1
Acenaphthene	**0.29**	**J**	0.75	0.23	ug/L		06/22/17 08:01	06/22/17 20:37	1
Acenaphthylene	<0.20		0.75	0.20	ug/L		06/22/17 08:01	06/22/17 20:37	1
Anthracene	<0.25		0.75	0.25	ug/L		06/22/17 08:01	06/22/17 20:37	1
Benzo[a]anthracene	**0.16**		0.15	0.043	ug/L		06/22/17 08:01	06/22/17 20:37	1
Benzo[a]pyrene	**0.23**		0.15	0.074	ug/L		06/22/17 08:01	06/22/17 20:37	1
Benzo[b]fluoranthene	**0.19**		0.15	0.061	ug/L		06/22/17 08:01	06/22/17 20:37	1
Benzo[g,h,i]perylene	<0.28		0.75	0.28	ug/L		06/22/17 08:01	06/22/17 20:37	1
Benzo[k]fluoranthene	**0.064**	**J**	0.15	0.048	ug/L		06/22/17 08:01	06/22/17 20:37	1
Chrysene	**0.15**		0.15	0.051	ug/L		06/22/17 08:01	06/22/17 20:37	1
Dibenz(a,h)anthracene	<0.038		0.23	0.038	ug/L		06/22/17 08:01	06/22/17 20:37	1
Fluoranthene	**0.34**	**J**	0.75	0.34	ug/L		06/22/17 08:01	06/22/17 20:37	1
Fluorene	**0.43**	**J**	0.75	0.18	ug/L		06/22/17 08:01	06/22/17 20:37	1
Indeno[1,2,3-cd]pyrene	<0.056		0.15	0.056	ug/L		06/22/17 08:01	06/22/17 20:37	1
Naphthalene	<0.23		0.75	0.23	ug/L		06/22/17 08:01	06/22/17 20:37	1
Phenanthrene	**0.38**	**J**	0.75	0.23	ug/L		06/22/17 08:01	06/22/17 20:37	1
Pyrene	<0.32		0.75	0.32	ug/L		06/22/17 08:01	06/22/17 20:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*63*		*34 - 110*	*06/22/17 08:01*	*06/22/17 20:37*	*1*
Nitrobenzene-d5 (Surr)	*74*		*36 - 120*	*06/22/17 08:01*	*06/22/17 20:37*	*1*
Terphenyl-d14 (Surr)	*90*		*40 - 145*	*06/22/17 08:01*	*06/22/17 20:37*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-129789-8

Date Collected: 06/16/17 00:00
Matrix: Water
Date Received: 06/17/17 10:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/23/17 11:14	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/23/17 11:14	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/23/17 11:14	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/23/17 11:14	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/23/17 11:14	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/23/17 11:14	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/23/17 11:14	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/23/17 11:14	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			06/23/17 11:14	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/23/17 11:14	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/23/17 11:14	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/23/17 11:14	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/23/17 11:14	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/23/17 11:14	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/23/17 11:14	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/23/17 11:14	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/23/17 11:14	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/23/17 11:14	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/23/17 11:14	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/23/17 11:14	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/23/17 11:14	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/23/17 11:14	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/23/17 11:14	1
Benzene	<0.15		0.50	0.15	ug/L			06/23/17 11:14	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/23/17 11:14	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/23/17 11:14	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/23/17 11:14	1
Bromoform	<0.48		1.0	0.48	ug/L			06/23/17 11:14	1
Bromomethane	<0.80		2.0	0.80	ug/L			06/23/17 11:14	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/23/17 11:14	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/23/17 11:14	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/23/17 11:14	1
Chloroform	<0.37		2.0	0.37	ug/L			06/23/17 11:14	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/23/17 11:14	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/23/17 11:14	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/23/17 11:14	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/23/17 11:14	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/23/17 11:14	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			06/23/17 11:14	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/23/17 11:14	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/23/17 11:14	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/23/17 11:14	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/23/17 11:14	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/23/17 11:14	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/23/17 11:14	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/23/17 11:14	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/23/17 11:14	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/23/17 11:14	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/23/17 11:14	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-129789-8
Date Collected: 06/16/17 00:00
Matrix: Water
Date Received: 06/17/17 10:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/23/17 11:14	1
Styrene	<0.39		1.0	0.39	ug/L			06/23/17 11:14	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/23/17 11:14	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/23/17 11:14	1
Toluene	<0.15		0.50	0.15	ug/L			06/23/17 11:14	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/23/17 11:14	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/23/17 11:14	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/23/17 11:14	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/23/17 11:14	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			06/23/17 11:14	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/23/17 11:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 126*		*06/23/17 11:14*	*1*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*		*06/23/17 11:14*	*1*
Dibromofluoromethane	*91*		*75 - 120*		*06/23/17 11:14*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*06/23/17 11:14*	*1*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
E	Result exceeded calibration range.
*	LCS or LCSD is outside acceptance limits.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

GC/MS VOA

Analysis Batch: 390578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-129789-1	MW-133	Total/NA	Water	8260B	
500-129789-2	MW-126	Total/NA	Water	8260B	
500-129789-3	MW-127	Total/NA	Water	8260B	
500-129789-4	MW-130	Total/NA	Water	8260B	
500-129789-4 - DL	MW-130	Total/NA	Water	8260B	
500-129789-5	MW-2	Total/NA	Water	8260B	
500-129789-7	MW-132	Total/NA	Water	8260B	
500-129789-8	Trip Blank	Total/NA	Water	8260B	
MB 500-390578/6	Method Blank	Total/NA	Water	8260B	
LCS 500-390578/31	Lab Control Sample	Total/NA	Water	8260B	
500-129789-5 MS	MW-2	Total/NA	Water	8260B	
500-129789-5 MSD	MW-2	Total/NA	Water	8260B	

Analysis Batch: 390813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-129789-6	MW-131	Total/NA	Water	8260B	
MB 500-390813/15	Method Blank	Total/NA	Water	8260B	
LCS 500-390813/4	Lab Control Sample	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 390444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-129789-1	MW-133	Total/NA	Water	3510C	
500-129789-2	MW-126	Total/NA	Water	3510C	
500-129789-3	MW-127	Total/NA	Water	3510C	
500-129789-4	MW-130	Total/NA	Water	3510C	
500-129789-4 - DL	MW-130	Total/NA	Water	3510C	
500-129789-5	MW-2	Total/NA	Water	3510C	
500-129789-5 - DL	MW-2	Total/NA	Water	3510C	
500-129789-6	MW-131	Total/NA	Water	3510C	
500-129789-7	MW-132	Total/NA	Water	3510C	
MB 500-390444/1-A	Method Blank	Total/NA	Water	3510C	
LCS 500-390444/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 500-390444/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 390503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-390444/1-A	Method Blank	Total/NA	Water	8270D	390444
LCS 500-390444/2-A	Lab Control Sample	Total/NA	Water	8270D	390444
LCSD 500-390444/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	390444

Analysis Batch: 390538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-129789-1	MW-133	Total/NA	Water	8270D	390444
500-129789-2	MW-126	Total/NA	Water	8270D	390444
500-129789-3	MW-127	Total/NA	Water	8270D	390444
500-129789-4	MW-130	Total/NA	Water	8270D	390444
500-129789-5	MW-2	Total/NA	Water	8270D	390444
500-129789-6	MW-131	Total/NA	Water	8270D	390444

GC/MS Semi VOA (Continued)

Analysis Batch: 390538 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-129789-7	MW-132	Total/NA	Water	8270D	390444

Analysis Batch: 390599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-129789-4 - DL	MW-130	Total/NA	Water	8270D	390444
500-129789-5 - DL	MW-2	Total/NA	Water	8270D	390444

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-129789-1	MW-133	104	98	92	97
500-129789-2	MW-126	109	106	93	100
500-129789-3	MW-127	99	105	86	102
500-129789-4	MW-130	104	107	91	104
500-129789-4 - DL	MW-130	97	97	83	102
500-129789-5	MW-2	107	100	93	108
500-129789-5 MS	MW-2	112	100	99	105
500-129789-5 MSD	MW-2	110	101	99	103
500-129789-6	MW-131	102	101	94	99
500-129789-7	MW-132	102	106	91	100
500-129789-8	Trip Blank	109	107	91	98
LCS 500-390578/31	Lab Control Sample	117	87	103	105
LCS 500-390813/4	Lab Control Sample	97	100	92	100
MB 500-390578/6	Method Blank	111	106	94	100
MB 500-390813/15	Method Blank	103	99	94	98

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPH
Lab Sample ID	Client Sample ID	(34-110)	(36-120)	(40-145)
500-129789-1	MW-133	52	65	92
500-129789-2	MW-126	60	70	96
500-129789-3	MW-127	58	75	95
500-129789-4	MW-130	67	83	98
500-129789-4 - DL	MW-130	70	74	111
500-129789-5	MW-2	68	80	97
500-129789-5 - DL	MW-2	71	79	118
500-129789-6	MW-131	69	80	98
500-129789-7	MW-132	63	74	90
LCS 500-390444/2-A	Lab Control Sample	67	79	97
LCSD 500-390444/3-A	Lab Control Sample Dup	69	78	95
MB 500-390444/1-A	Method Blank	62	72	93

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-390578/6
Matrix: Water
Analysis Batch: 390578

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/23/17 10:50	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/23/17 10:50	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/23/17 10:50	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/23/17 10:50	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/23/17 10:50	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/23/17 10:50	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/23/17 10:50	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/23/17 10:50	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			06/23/17 10:50	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/23/17 10:50	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/23/17 10:50	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/23/17 10:50	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/23/17 10:50	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/23/17 10:50	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/23/17 10:50	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/23/17 10:50	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/23/17 10:50	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/23/17 10:50	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/23/17 10:50	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/23/17 10:50	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/23/17 10:50	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/23/17 10:50	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/23/17 10:50	1
Benzene	<0.15		0.50	0.15	ug/L			06/23/17 10:50	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/23/17 10:50	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/23/17 10:50	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/23/17 10:50	1
Bromoform	<0.48		1.0	0.48	ug/L			06/23/17 10:50	1
Bromomethane	<0.80		2.0	0.80	ug/L			06/23/17 10:50	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/23/17 10:50	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/23/17 10:50	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/23/17 10:50	1
Chloroform	<0.37		2.0	0.37	ug/L			06/23/17 10:50	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/23/17 10:50	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/23/17 10:50	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/23/17 10:50	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/23/17 10:50	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/23/17 10:50	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			06/23/17 10:50	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/23/17 10:50	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/23/17 10:50	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/23/17 10:50	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/23/17 10:50	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/23/17 10:50	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/23/17 10:50	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/23/17 10:50	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/23/17 10:50	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/23/17 10:50	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-390578/6
Matrix: Water
Analysis Batch: 390578

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/23/17 10:50	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/23/17 10:50	1
Styrene	<0.39		1.0	0.39	ug/L			06/23/17 10:50	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/23/17 10:50	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/23/17 10:50	1
Toluene	<0.15		0.50	0.15	ug/L			06/23/17 10:50	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/23/17 10:50	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/23/17 10:50	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/23/17 10:50	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/23/17 10:50	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			06/23/17 10:50	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/23/17 10:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 126*		*06/23/17 10:50*	*1*
4-Bromofluorobenzene (Surr)	*106*		*72 - 124*		*06/23/17 10:50*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*06/23/17 10:50*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*06/23/17 10:50*	*1*

Lab Sample ID: LCS 500-390578/31
Matrix: Water
Analysis Batch: 390578

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	44.0		ug/L		88	70 - 125
1,1,1-Trichloroethane	50.0	46.4		ug/L		93	70 - 125
1,1,2,2-Tetrachloroethane	50.0	44.3		ug/L		89	67 - 127
1,1,2-Trichloroethane	50.0	47.9		ug/L		96	70 - 122
1,1-Dichloroethane	50.0	51.4		ug/L		103	70 - 125
1,1-Dichloroethene	50.0	47.9		ug/L		96	67 - 122
1,1-Dichloropropene	50.0	52.4		ug/L		105	70 - 121
1,2,3-Trichlorobenzene	50.0	61.3		ug/L		123	55 - 140
1,2,3-Trichloropropane	50.0	42.5		ug/L		85	50 - 133
1,2,4-Trichlorobenzene	50.0	57.2		ug/L		114	66 - 127
1,2,4-Trimethylbenzene	50.0	45.4		ug/L		91	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	47.6		ug/L		95	56 - 123
1,2-Dibromoethane	50.0	46.3		ug/L		93	70 - 125
1,2-Dichlorobenzene	50.0	45.3		ug/L		91	70 - 125
1,2-Dichloroethane	50.0	45.7		ug/L		91	68 - 127
1,2-Dichloropropane	50.0	45.4		ug/L		91	67 - 130
1,3,5-Trimethylbenzene	50.0	40.8		ug/L		82	70 - 123
1,3-Dichlorobenzene	50.0	44.0		ug/L		88	70 - 125
1,3-Dichloropropane	50.0	51.6		ug/L		103	62 - 136
1,4-Dichlorobenzene	50.0	44.2		ug/L		88	70 - 120
2,2-Dichloropropane	50.0	47.9		ug/L		96	58 - 129
2-Chlorotoluene	50.0	39.8		ug/L		80	70 - 125
4-Chlorotoluene	50.0	40.7		ug/L		81	68 - 124
Benzene	50.0	46.7		ug/L		93	70 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-390578/31
Matrix: Water
Analysis Batch: 390578

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	50.0	38.3		ug/L		77	70 - 122
Bromochloromethane	50.0	47.5		ug/L		95	65 - 122
Bromodichloromethane	50.0	47.6		ug/L		95	69 - 120
Bromoform	50.0	33.4		ug/L		67	56 - 132
Bromomethane	50.0	57.2		ug/L		114	40 - 130
Carbon tetrachloride	50.0	45.2		ug/L		90	65 - 122
Chlorobenzene	50.0	45.2		ug/L		90	70 - 120
Chloroethane	50.0	56.4		ug/L		113	45 - 127
Chloroform	50.0	50.4		ug/L		101	70 - 120
Chloromethane	50.0	45.6		ug/L		91	54 - 147
cis-1,2-Dichloroethene	50.0	47.1		ug/L		94	70 - 125
cis-1,3-Dichloropropene	50.0	47.8		ug/L		96	64 - 127
Dibromochloromethane	50.0	41.9		ug/L		84	68 - 125
Dibromomethane	50.0	47.1		ug/L		94	70 - 120
Dichlorodifluoromethane	50.0	55.9		ug/L		112	40 - 150
Ethylbenzene	50.0	47.4		ug/L		95	70 - 120
Hexachlorobutadiene	50.0	50.1		ug/L		100	51 - 150
Isopropylbenzene	50.0	40.0		ug/L		80	70 - 126
Methyl tert-butyl ether	50.0	47.9		ug/L		96	70 - 120
Methylene Chloride	50.0	47.1		ug/L		94	69 - 125
Naphthalene	50.0	63.6		ug/L		127	59 - 130
n-Butylbenzene	50.0	50.5		ug/L		101	68 - 125
N-Propylbenzene	50.0	41.8		ug/L		84	69 - 127
p-Isopropyltoluene	50.0	45.9		ug/L		92	70 - 125
sec-Butylbenzene	50.0	47.3		ug/L		95	70 - 123
Styrene	50.0	41.3		ug/L		83	70 - 120
tert-Butylbenzene	50.0	42.4		ug/L		85	70 - 121
Tetrachloroethene	50.0	44.2		ug/L		88	70 - 128
Toluene	50.0	47.5		ug/L		95	70 - 125
trans-1,2-Dichloroethene	50.0	45.0		ug/L		90	70 - 125
trans-1,3-Dichloropropene	50.0	46.7		ug/L		93	62 - 128
Trichloroethene	50.0	44.4		ug/L		89	70 - 125
Trichlorofluoromethane	50.0	43.1		ug/L		86	70 - 126
Vinyl chloride	50.0	49.2		ug/L		98	64 - 126
Xylenes, Total	100	90.9		ug/L		91	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*117*		*75 - 126*
4-Bromofluorobenzene (Surr)	*87*		*72 - 124*
Dibromofluoromethane	*103*		*75 - 120*
Toluene-d8 (Surr)	*105*		*75 - 120*

Lab Sample ID: 500-129789-5 MS
Matrix: Water
Analysis Batch: 390578

Client Sample ID: MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<0.46		50.0	44.9		ug/L		90	70 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-129789-5 MS
Matrix: Water
Analysis Batch: 390578

Client Sample ID: MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	<0.38		50.0	39.0		ug/L		78	70 - 125
1,1,2,2-Tetrachloroethane	<0.40		50.0	48.3		ug/L		97	67 - 127
1,1,2-Trichloroethane	<0.35		50.0	48.8		ug/L		98	70 - 122
1,1-Dichloroethane	<0.41		50.0	45.8		ug/L		92	70 - 125
1,1-Dichloroethene	<0.39		50.0	42.4		ug/L		85	67 - 122
1,1-Dichloropropene	<0.30		50.0	43.9		ug/L		88	70 - 121
1,2,3-Trichlorobenzene	<0.46		50.0	64.4		ug/L		129	55 - 140
1,2,3-Trichloropropane	<0.41		50.0	47.2		ug/L		94	50 - 133
1,2,4-Trichlorobenzene	<0.34		50.0	56.1		ug/L		112	66 - 127
1,2,4-Trimethylbenzene	16		50.0	60.6		ug/L		90	70 - 123
1,2-Dibromo-3-Chloropropane	<2.0		50.0	55.0		ug/L		110	56 - 123
1,2-Dibromoethane	<0.39		50.0	46.2		ug/L		92	70 - 125
1,2-Dichlorobenzene	<0.33		50.0	44.6		ug/L		89	70 - 125
1,2-Dichloroethane	<0.39		50.0	48.6		ug/L		97	68 - 127
1,2-Dichloropropane	<0.43		50.0	44.3		ug/L		89	67 - 130
1,3,5-Trimethylbenzene	<0.25		50.0	45.0		ug/L		90	70 - 123
1,3-Dichlorobenzene	<0.40		50.0	42.1		ug/L		84	70 - 125
1,3-Dichloropropane	<0.36		50.0	49.8		ug/L		100	62 - 136
1,4-Dichlorobenzene	<0.36		50.0	42.3		ug/L		85	70 - 120
2,2-Dichloropropane	<0.44		50.0	39.8		ug/L		80	58 - 129
2-Chlorotoluene	<0.31		50.0	43.9		ug/L		88	70 - 125
4-Chlorotoluene	<0.35		50.0	44.6		ug/L		89	68 - 124
Benzene	13		50.0	57.2		ug/L		88	70 - 120
Bromobenzene	<0.36		50.0	40.1		ug/L		80	70 - 122
Bromochloromethane	<0.43		50.0	45.4		ug/L		91	65 - 122
Bromodichloromethane	<0.37		50.0	42.9		ug/L		86	69 - 120
Bromoform	<0.48		50.0	40.8		ug/L		82	56 - 132
Bromomethane	<0.80		50.0	45.9		ug/L		92	40 - 130
Carbon tetrachloride	<0.38		50.0	37.6		ug/L		75	65 - 122
Chlorobenzene	<0.39		50.0	43.5		ug/L		87	70 - 120
Chloroethane	<0.51		50.0	48.3		ug/L		97	45 - 127
Chloroform	<0.37		50.0	45.1		ug/L		90	70 - 120
Chloromethane	<0.32		50.0	39.0		ug/L		78	54 - 147
cis-1,2-Dichloroethene	<0.41		50.0	43.8		ug/L		88	70 - 125
cis-1,3-Dichloropropene	<0.42		50.0	46.0		ug/L		92	64 - 127
Dibromochloromethane	<0.49		50.0	42.6		ug/L		85	68 - 125
Dibromomethane	<0.27		50.0	45.5		ug/L		91	70 - 120
Dichlorodifluoromethane	<0.67		50.0	49.0		ug/L		98	40 - 150
Ethylbenzene	26		50.0	69.2		ug/L		86	70 - 120
Hexachlorobutadiene	<0.45		50.0	48.4		ug/L		97	51 - 150
Isopropylbenzene	3.3		50.0	46.7		ug/L		87	70 - 126
Methyl tert-butyl ether	<0.39		50.0	45.2		ug/L		90	70 - 120
Methylene Chloride	<1.6		50.0	47.3		ug/L		95	69 - 125
Naphthalene	170		50.0	207	E	ug/L		83	59 - 130
n-Butylbenzene	<0.39		50.0	47.3		ug/L		95	68 - 125
N-Propylbenzene	1.3		50.0	44.8		ug/L		87	69 - 127
p-Isopropyltoluene	<0.36		50.0	43.6		ug/L		87	70 - 125
sec-Butylbenzene	<0.40		50.0	45.1		ug/L		90	70 - 123

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-129789-5 MS
Matrix: Water
Analysis Batch: 390578

Client Sample ID: MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Styrene	<0.39		50.0	49.9		ug/L		100	70 - 120
tert-Butylbenzene	<0.40		50.0	43.1		ug/L		86	70 - 121
Tetrachloroethene	<0.37		50.0	40.5		ug/L		81	70 - 128
Toluene	1.6		50.0	47.4		ug/L		91	70 - 125
trans-1,2-Dichloroethene	<0.35		50.0	42.2		ug/L		84	70 - 125
trans-1,3-Dichloropropene	<0.36		50.0	44.6		ug/L		89	62 - 128
Trichloroethene	<0.16		50.0	41.1		ug/L		82	70 - 125
Trichlorofluoromethane	<0.43		50.0	37.7		ug/L		75	70 - 126
Vinyl chloride	<0.20		50.0	47.7		ug/L		95	64 - 126
Xylenes, Total	6.9		100	103		ug/L		96	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 126*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*
Dibromofluoromethane	*99*		*75 - 120*
Toluene-d8 (Surr)	*105*		*75 - 120*

Lab Sample ID: 500-129789-5 MSD
Matrix: Water
Analysis Batch: 390578

Client Sample ID: MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.46		50.0	48.1		ug/L		96	70 - 125	7	20
1,1,1-Trichloroethane	<0.38		50.0	42.3		ug/L		85	70 - 125	8	20
1,1,2,2-Tetrachloroethane	<0.40		50.0	52.6		ug/L		105	67 - 127	9	20
1,1,2-Trichloroethane	<0.35		50.0	50.9		ug/L		102	70 - 122	4	20
1,1-Dichloroethane	<0.41		50.0	47.9		ug/L		96	70 - 125	5	20
1,1-Dichloroethene	<0.39		50.0	43.9		ug/L		88	67 - 122	4	20
1,1-Dichloropropene	<0.30		50.0	47.3		ug/L		95	70 - 121	7	20
1,2,3-Trichlorobenzene	<0.46		50.0	70.0		ug/L		140	55 - 140	8	20
1,2,3-Trichloropropane	<0.41		50.0	51.5		ug/L		103	50 - 133	9	20
1,2,4-Trichlorobenzene	<0.34		50.0	59.9		ug/L		120	66 - 127	7	20
1,2,4-Trimethylbenzene	16		50.0	62.8		ug/L		94	70 - 123	4	20
1,2-Dibromo-3-Chloropropane	<2.0		50.0	59.7		ug/L		119	56 - 123	8	20
1,2-Dibromoethane	<0.39		50.0	50.6		ug/L		101	70 - 125	9	20
1,2-Dichlorobenzene	<0.33		50.0	47.9		ug/L		96	70 - 125	7	20
1,2-Dichloroethane	<0.39		50.0	52.0		ug/L		104	68 - 127	7	20
1,2-Dichloropropane	<0.43		50.0	48.1		ug/L		96	67 - 130	8	20
1,3,5-Trimethylbenzene	<0.25		50.0	46.9		ug/L		94	70 - 123	4	20
1,3-Dichlorobenzene	<0.40		50.0	44.7		ug/L		89	70 - 125	6	20
1,3-Dichloropropane	<0.36		50.0	53.5		ug/L		107	62 - 136	7	20
1,4-Dichlorobenzene	<0.36		50.0	44.9		ug/L		90	70 - 120	6	20
2,2-Dichloropropane	<0.44		50.0	42.6		ug/L		85	58 - 129	7	20
2-Chlorotoluene	<0.31		50.0	46.3		ug/L		93	70 - 125	5	20
4-Chlorotoluene	<0.35		50.0	46.0		ug/L		92	68 - 124	3	20
Benzene	13		50.0	60.3		ug/L		95	70 - 120	5	20
Bromobenzene	<0.36		50.0	43.8		ug/L		88	70 - 122	9	20
Bromochloromethane	<0.43		50.0	48.0		ug/L		96	65 - 122	5	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-129789-5 MSD
Matrix: Water
Analysis Batch: 390578

Client Sample ID: MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromodichloromethane	<0.37		50.0	46.0		ug/L		92	69 - 120	7	20
Bromoform	<0.48		50.0	41.9		ug/L		84	56 - 132	3	20
Bromomethane	<0.80		50.0	47.7		ug/L		95	40 - 130	4	20
Carbon tetrachloride	<0.38		50.0	40.0		ug/L		80	65 - 122	6	20
Chlorobenzene	<0.39		50.0	46.9		ug/L		94	70 - 120	7	20
Chloroethane	<0.51		50.0	49.5		ug/L		99	45 - 127	2	20
Chloroform	<0.37		50.0	48.7		ug/L		97	70 - 120	8	20
Chloromethane	<0.32		50.0	43.0		ug/L		86	54 - 147	10	20
cis-1,2-Dichloroethene	<0.41		50.0	45.3		ug/L		91	70 - 125	4	20
cis-1,3-Dichloropropene	<0.42		50.0	48.6		ug/L		97	64 - 127	6	20
Dibromochloromethane	<0.49		50.0	45.2		ug/L		90	68 - 125	6	20
Dibromomethane	<0.27		50.0	50.1		ug/L		100	70 - 120	10	20
Dichlorodifluoromethane	<0.67		50.0	55.7		ug/L		111	40 - 150	13	20
Ethylbenzene	26		50.0	73.3		ug/L		94	70 - 120	6	20
Hexachlorobutadiene	<0.45		50.0	49.6		ug/L		99	51 - 150	2	20
Isopropylbenzene	3.3		50.0	48.9		ug/L		91	70 - 126	5	20
Methyl tert-butyl ether	<0.39		50.0	49.0		ug/L		98	70 - 120	8	20
Methylene Chloride	<1.6		50.0	50.3		ug/L		101	69 - 125	6	20
Naphthalene	170		50.0	219	E	ug/L		107	59 - 130	6	20
n-Butylbenzene	<0.39		50.0	48.8		ug/L		98	68 - 125	3	20
N-Propylbenzene	1.3		50.0	46.9		ug/L		91	69 - 127	5	20
p-Isopropyltoluene	<0.36		50.0	45.3		ug/L		91	70 - 125	4	20
sec-Butylbenzene	<0.40		50.0	47.2		ug/L		94	70 - 123	4	20
Styrene	<0.39		50.0	50.1		ug/L		100	70 - 120	0	20
tert-Butylbenzene	<0.40		50.0	44.7		ug/L		89	70 - 121	3	20
Tetrachloroethene	<0.37		50.0	42.6		ug/L		85	70 - 128	5	20
Toluene	1.6		50.0	49.8		ug/L		96	70 - 125	5	20
trans-1,2-Dichloroethene	<0.35		50.0	46.0		ug/L		92	70 - 125	9	20
trans-1,3-Dichloropropene	<0.36		50.0	47.5		ug/L		95	62 - 128	6	20
Trichloroethene	<0.16		50.0	43.2		ug/L		86	70 - 125	5	20
Trichlorofluoromethane	<0.43		50.0	39.7		ug/L		79	70 - 126	5	20
Vinyl chloride	<0.20		50.0	51.6		ug/L		103	64 - 126	8	20
Xylenes, Total	6.9		100	105		ug/L		98	70 - 125	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 126*
4-Bromofluorobenzene (Surr)	*101*		*72 - 124*
Dibromofluoromethane	*99*		*75 - 120*
Toluene-d8 (Surr)	*103*		*75 - 120*

Lab Sample ID: MB 500-390813/15
Matrix: Water
Analysis Batch: 390813

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/26/17 10:28	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/26/17 10:28	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/26/17 10:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-390813/15
Matrix: Water
Analysis Batch: 390813

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/26/17 10:28	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/26/17 10:28	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/26/17 10:28	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/26/17 10:28	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/26/17 10:28	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			06/26/17 10:28	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/26/17 10:28	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/26/17 10:28	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/26/17 10:28	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/26/17 10:28	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/26/17 10:28	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/26/17 10:28	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/26/17 10:28	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/26/17 10:28	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/26/17 10:28	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/26/17 10:28	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/26/17 10:28	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/26/17 10:28	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/26/17 10:28	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/26/17 10:28	1
Benzene	<0.15		0.50	0.15	ug/L			06/26/17 10:28	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/26/17 10:28	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/26/17 10:28	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/26/17 10:28	1
Bromoform	<0.48		1.0	0.48	ug/L			06/26/17 10:28	1
Bromomethane	<0.80		2.0	0.80	ug/L			06/26/17 10:28	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/26/17 10:28	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/26/17 10:28	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/26/17 10:28	1
Chloroform	<0.37		2.0	0.37	ug/L			06/26/17 10:28	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/26/17 10:28	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/26/17 10:28	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/26/17 10:28	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/26/17 10:28	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/26/17 10:28	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			06/26/17 10:28	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/26/17 10:28	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/26/17 10:28	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/26/17 10:28	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/26/17 10:28	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/26/17 10:28	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/26/17 10:28	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/26/17 10:28	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/26/17 10:28	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/26/17 10:28	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/26/17 10:28	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/26/17 10:28	1
Styrene	<0.39		1.0	0.39	ug/L			06/26/17 10:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-390813/15
Matrix: Water
Analysis Batch: 390813

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/26/17 10:28	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/26/17 10:28	1
Toluene	<0.15		0.50	0.15	ug/L			06/26/17 10:28	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/26/17 10:28	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/26/17 10:28	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/26/17 10:28	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/26/17 10:28	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			06/26/17 10:28	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/26/17 10:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*		*06/26/17 10:28*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*06/26/17 10:28*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*06/26/17 10:28*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*06/26/17 10:28*	*1*

Lab Sample ID: LCS 500-390813/4
Matrix: Water
Analysis Batch: 390813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	48.6		ug/L		97	70 - 125
1,1,1-Trichloroethane	50.0	46.3		ug/L		93	70 - 125
1,1,2,2-Tetrachloroethane	50.0	53.3		ug/L		107	67 - 127
1,1,2-Trichloroethane	50.0	49.5		ug/L		99	70 - 122
1,1-Dichloroethane	50.0	54.4		ug/L		109	70 - 125
1,1-Dichloroethene	50.0	49.8		ug/L		100	67 - 122
1,1-Dichloropropene	50.0	50.6		ug/L		101	70 - 121
1,2,3-Trichlorobenzene	50.0	38.9		ug/L		78	55 - 140
1,2,3-Trichloropropane	50.0	50.7		ug/L		101	50 - 133
1,2,4-Trichlorobenzene	50.0	38.5		ug/L		77	66 - 127
1,2,4-Trimethylbenzene	50.0	52.5		ug/L		105	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	43.4		ug/L		87	56 - 123
1,2-Dibromoethane	50.0	49.4		ug/L		99	70 - 125
1,2-Dichlorobenzene	50.0	48.1		ug/L		96	70 - 125
1,2-Dichloroethane	50.0	48.5		ug/L		97	68 - 127
1,2-Dichloropropane	50.0	57.8		ug/L		116	67 - 130
1,3,5-Trimethylbenzene	50.0	52.2		ug/L		104	70 - 123
1,3-Dichlorobenzene	50.0	49.0		ug/L		98	70 - 125
1,3-Dichloropropane	50.0	53.7		ug/L		107	62 - 136
1,4-Dichlorobenzene	50.0	49.1		ug/L		98	70 - 120
2,2-Dichloropropane	50.0	41.1		ug/L		82	58 - 129
2-Chlorotoluene	50.0	53.4		ug/L		107	70 - 125
4-Chlorotoluene	50.0	52.1		ug/L		104	68 - 124
Benzene	50.0	48.4		ug/L		97	70 - 120
Bromobenzene	50.0	48.4		ug/L		97	70 - 122
Bromochloromethane	50.0	46.9		ug/L		94	65 - 122
Bromodichloromethane	50.0	46.3		ug/L		93	69 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-390813/4
Matrix: Water
Analysis Batch: 390813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	50.0	49.1		ug/L		98	56 - 132
Bromomethane	50.0	69.6	*	ug/L		139	40 - 130
Carbon tetrachloride	50.0	46.7		ug/L		93	65 - 122
Chlorobenzene	50.0	49.1		ug/L		98	70 - 120
Chloroethane	50.0	54.4		ug/L		109	45 - 127
Chloroform	50.0	47.3		ug/L		95	70 - 120
Chloromethane	50.0	56.5		ug/L		113	54 - 147
cis-1,2-Dichloroethene	50.0	47.7		ug/L		95	70 - 125
cis-1,3-Dichloropropene	50.0	48.4		ug/L		97	64 - 127
Dibromochloromethane	50.0	47.0		ug/L		94	68 - 125
Dibromomethane	50.0	47.7		ug/L		95	70 - 120
Dichlorodifluoromethane	50.0	46.0		ug/L		92	40 - 150
Ethylbenzene	50.0	49.0		ug/L		98	70 - 120
Hexachlorobutadiene	50.0	44.5		ug/L		89	51 - 150
Isopropylbenzene	50.0	53.6		ug/L		107	70 - 126
Methyl tert-butyl ether	50.0	39.9		ug/L		80	70 - 120
Methylene Chloride	50.0	49.2		ug/L		98	69 - 125
Naphthalene	50.0	35.3		ug/L		71	59 - 130
n-Butylbenzene	50.0	51.8		ug/L		104	68 - 125
N-Propylbenzene	50.0	54.0		ug/L		108	69 - 127
p-Isopropyltoluene	50.0	51.2		ug/L		102	70 - 125
sec-Butylbenzene	50.0	52.9		ug/L		106	70 - 123
Styrene	50.0	49.6		ug/L		99	70 - 120
tert-Butylbenzene	50.0	50.7		ug/L		101	70 - 121
Tetrachloroethene	50.0	49.2		ug/L		98	70 - 128
Toluene	50.0	49.1		ug/L		98	70 - 125
trans-1,2-Dichloroethene	50.0	49.3		ug/L		99	70 - 125
trans-1,3-Dichloropropene	50.0	47.6		ug/L		95	62 - 128
Trichloroethene	50.0	46.7		ug/L		93	70 - 125
Trichlorofluoromethane	50.0	47.4		ug/L		95	70 - 126
Vinyl chloride	50.0	59.5		ug/L		119	64 - 126
Xylenes, Total	100	96.7		ug/L		97	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*
Dibromofluoromethane	*92*		*75 - 120*
Toluene-d8 (Surr)	*100*		*75 - 120*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-390444/1-A
Matrix: Water
Analysis Batch: 390503

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 390444

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.24		1.6	0.24	ug/L		06/22/17 08:01	06/22/17 18:14	1
2-Methylnaphthalene	<0.052		1.6	0.052	ug/L		06/22/17 08:01	06/22/17 18:14	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-390444/1-A
Matrix: Water
Analysis Batch: 390503

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 390444

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.25		0.80	0.25	ug/L		06/22/17 08:01	06/22/17 18:14	1
Acenaphthylene	<0.21		0.80	0.21	ug/L		06/22/17 08:01	06/22/17 18:14	1
Anthracene	<0.27		0.80	0.27	ug/L		06/22/17 08:01	06/22/17 18:14	1
Benzo[a]anthracene	<0.045		0.16	0.045	ug/L		06/22/17 08:01	06/22/17 18:14	1
Benzo[a]pyrene	<0.079		0.16	0.079	ug/L		06/22/17 08:01	06/22/17 18:14	1
Benzo[b]fluoranthene	<0.065		0.16	0.065	ug/L		06/22/17 08:01	06/22/17 18:14	1
Benzo[g,h,i]perylene	<0.30		0.80	0.30	ug/L		06/22/17 08:01	06/22/17 18:14	1
Benzo[k]fluoranthene	<0.051		0.16	0.051	ug/L		06/22/17 08:01	06/22/17 18:14	1
Chrysene	<0.055		0.16	0.055	ug/L		06/22/17 08:01	06/22/17 18:14	1
Dibenz(a,h)anthracene	<0.041		0.24	0.041	ug/L		06/22/17 08:01	06/22/17 18:14	1
Fluoranthene	<0.36		0.80	0.36	ug/L		06/22/17 08:01	06/22/17 18:14	1
Fluorene	<0.20		0.80	0.20	ug/L		06/22/17 08:01	06/22/17 18:14	1
Indeno[1,2,3-cd]pyrene	<0.060		0.16	0.060	ug/L		06/22/17 08:01	06/22/17 18:14	1
Naphthalene	<0.25		0.80	0.25	ug/L		06/22/17 08:01	06/22/17 18:14	1
Phenanthrene	<0.24		0.80	0.24	ug/L		06/22/17 08:01	06/22/17 18:14	1
Pyrene	<0.34		0.80	0.34	ug/L		06/22/17 08:01	06/22/17 18:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*34 - 110*	*06/22/17 08:01*	*06/22/17 18:14*	*1*
Nitrobenzene-d5 (Surr)	*72*		*36 - 120*	*06/22/17 08:01*	*06/22/17 18:14*	*1*
Terphenyl-d14 (Surr)	*93*		*40 - 145*	*06/22/17 08:01*	*06/22/17 18:14*	*1*

Lab Sample ID: LCS 500-390444/2-A
Matrix: Water
Analysis Batch: 390503

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 390444

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1-Methylnaphthalene	32.0	21.6		ug/L		67	38 - 110
2-Methylnaphthalene	32.0	21.4		ug/L		67	34 - 110
Acenaphthene	32.0	23.4		ug/L		73	46 - 110
Acenaphthylene	32.0	24.2		ug/L		76	47 - 110
Anthracene	32.0	27.0		ug/L		84	67 - 110
Benzo[a]anthracene	32.0	29.5		ug/L		92	70 - 120
Benzo[a]pyrene	32.0	28.7		ug/L		90	70 - 120
Benzo[b]fluoranthene	32.0	30.4		ug/L		95	69 - 123
Benzo[g,h,i]perylene	32.0	28.5		ug/L		89	70 - 120
Benzo[k]fluoranthene	32.0	27.5		ug/L		86	70 - 120
Chrysene	32.0	28.7		ug/L		90	68 - 120
Dibenz(a,h)anthracene	32.0	28.9		ug/L		90	70 - 127
Fluoranthene	32.0	27.9		ug/L		87	68 - 120
Fluorene	32.0	25.8		ug/L		81	53 - 120
Indeno[1,2,3-cd]pyrene	32.0	28.9		ug/L		90	65 - 133
Naphthalene	32.0	20.6		ug/L		64	36 - 110
Phenanthrene	32.0	26.9		ug/L		84	65 - 120
Pyrene	32.0	28.9		ug/L		90	70 - 110

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-390444/2-A
Matrix: Water
Analysis Batch: 390503

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 390444

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*67*		*34 - 110*
Nitrobenzene-d5 (Surr)	*79*		*36 - 120*
Terphenyl-d14 (Surr)	*97*		*40 - 145*

Lab Sample ID: LCSD 500-390444/3-A
Matrix: Water
Analysis Batch: 390503

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 390444

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1-Methylnaphthalene			32.0	21.7		ug/L		68	38 - 110	1	20
2-Methylnaphthalene			32.0	21.3		ug/L		66	34 - 110	0	20
Acenaphthene			32.0	23.6		ug/L		74	46 - 110	1	20
Acenaphthylene			32.0	24.0		ug/L		75	47 - 110	1	20
Anthracene			32.0	26.4		ug/L		82	67 - 110	2	20
Benzo[a]anthracene			32.0	28.8		ug/L		90	70 - 120	2	20
Benzo[a]pyrene			32.0	28.1		ug/L		88	70 - 120	2	20
Benzo[b]fluoranthene			32.0	29.8		ug/L		93	69 - 123	2	20
Benzo[g,h,i]perylene			32.0	28.1		ug/L		88	70 - 120	1	20
Benzo[k]fluoranthene			32.0	26.9		ug/L		84	70 - 120	2	20
Chrysene			32.0	28.4		ug/L		89	68 - 120	1	20
Dibenz(a,h)anthracene			32.0	28.4		ug/L		89	70 - 127	2	20
Fluoranthene			32.0	27.3		ug/L		85	68 - 120	2	20
Fluorene			32.0	25.0		ug/L		78	53 - 120	3	20
Indeno[1,2,3-cd]pyrene			32.0	28.3		ug/L		88	65 - 133	2	20
Naphthalene			32.0	20.6		ug/L		64	36 - 110	0	20
Phenanthrene			32.0	26.3		ug/L		82	65 - 120	2	20
Pyrene			32.0	28.0		ug/L		87	70 - 110	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*69*		*34 - 110*
Nitrobenzene-d5 (Surr)	*78*		*36 - 120*
Terphenyl-d14 (Surr)	*95*		*40 - 145*

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Client Sample ID: MW-133 — Lab Sample ID: 500-129789-1

Date Collected: 06/16/17 11:15
Date Received: 06/17/17 10:25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	390578	06/23/17 11:39	PMF	TAL CHI
Total/NA	Prep	3510C			390444	06/22/17 08:01	LMC	TAL CHI
Total/NA	Analysis	8270D		1	390538	06/22/17 17:51	GES	TAL CHI

Client Sample ID: MW-126 — Lab Sample ID: 500-129789-2

Date Collected: 06/16/17 11:50
Date Received: 06/17/17 10:25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	390578	06/23/17 12:05	PMF	TAL CHI
Total/NA	Prep	3510C			390444	06/22/17 08:01	LMC	TAL CHI
Total/NA	Analysis	8270D		1	390538	06/22/17 18:18	GES	TAL CHI

Client Sample ID: MW-127 — Lab Sample ID: 500-129789-3

Date Collected: 06/16/17 12:30
Date Received: 06/17/17 10:25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	390578	06/23/17 12:30	PMF	TAL CHI
Total/NA	Prep	3510C			390444	06/22/17 08:01	LMC	TAL CHI
Total/NA	Analysis	8270D		1	390538	06/22/17 18:46	GES	TAL CHI

Client Sample ID: MW-130 — Lab Sample ID: 500-129789-4

Date Collected: 06/16/17 14:20
Date Received: 06/17/17 10:25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	390578	06/23/17 12:55	PMF	TAL CHI
Total/NA	Analysis	8260B	DL	50	390578	06/23/17 13:20	PMF	TAL CHI
Total/NA	Prep	3510C			390444	06/22/17 08:01	LMC	TAL CHI
Total/NA	Analysis	8270D		1	390538	06/22/17 19:14	GES	TAL CHI
Total/NA	Prep	3510C	DL		390444	06/22/17 08:01	LMC	TAL CHI
Total/NA	Analysis	8270D	DL	10	390599	06/23/17 13:14	AJD	TAL CHI

Client Sample ID: MW-2 — Lab Sample ID: 500-129789-5

Date Collected: 06/16/17 15:00
Date Received: 06/17/17 10:25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	390578	06/23/17 13:45	PMF	TAL CHI
Total/NA	Prep	3510C			390444	06/22/17 08:01	LMC	TAL CHI
Total/NA	Analysis	8270D		1	390538	06/22/17 19:42	GES	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Client Sample ID: MW-2
Date Collected: 06/16/17 15:00
Date Received: 06/17/17 10:25

Lab Sample ID: 500-129789-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C	DL		390444	06/22/17 08:01	LMC	TAL CHI
Total/NA	Analysis	8270D	DL	2	390599	06/23/17 13:39	AJD	TAL CHI

Client Sample ID: MW-131
Date Collected: 06/16/17 15:45
Date Received: 06/17/17 10:25

Lab Sample ID: 500-129789-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	390813	06/26/17 10:58	PMF	TAL CHI
Total/NA	Prep	3510C			390444	06/22/17 08:01	LMC	TAL CHI
Total/NA	Analysis	8270D		1	390538	06/22/17 20:09	GES	TAL CHI

Client Sample ID: MW-132
Date Collected: 06/16/17 16:05
Date Received: 06/17/17 10:25

Lab Sample ID: 500-129789-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	390578	06/23/17 14:36	PMF	TAL CHI
Total/NA	Prep	3510C			390444	06/22/17 08:01	LMC	TAL CHI
Total/NA	Analysis	8270D		1	390538	06/22/17 20:37	GES	TAL CHI

Client Sample ID: Trip Blank
Date Collected: 06/16/17 00:00
Date Received: 06/17/17 10:25

Lab Sample ID: 500-129789-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	390578	06/23/17 11:14	PMF	TAL CHI

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129789-1

Laboratory: TestAmerica Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Wisconsin	State Program	5	999580010	08-31-17 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica

THE LEADER IN ENVIRONMENTAL

2417 Bond Street, University Park, IL 60
Phone: 708.534.5200 Fax: 708.534

500-129789 COC

Chain of Custody Record

Lab Job #: 500-129789

Chain of Custody Number:

Page ____ of ____

Temperature °C of Cooler: 2.2

Report To (optional)
Contact: Mike Noel
Company: Tetra Tech
Address: 175 N Corporate Dr #100
Address: Brookfield WI 53045
Phone: 262 792 1282
Fax:
E-Mail: mike.noel@tetratech.com

Bill To (optional)
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Client: TetraTech
Client Project #: 117-2201372.01
Project Name: Beazer East
Project Location/State: WI
Lab Project #: 5000778
Sampler: Ashley Kowalewski
Lab PM: Sandie Fredrick

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Lab ID	MS/MSD	Sample ID	Sampling Date (2016-17)	Sampling Time	# of Containers	Matrix	VOC (Preservative: HCl)	PAH-LVI (Preservative: none)								Comments
1		MW-133	6-16	1115	5	W	3	2								
2		MW-126		1150	5	W	3	2								
3		MW-127		1230	5	W	3	2								
4		MW-130		1420	5	W	3	2								
5		MW-2		1500	5	W	3	2								
6		MW-131		1545	5	W	3	2								
7		MW-132		1605	5	W	3	2								
8		TB-1	—	—	1		1									lab prepared

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days _____ Other
Requested Due Date _____

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Ashley Kowalewski	TetraTech	5/16/17	1800	[illegible]	TA-EAST	6/17/17	1025

Lab Courier
Shipped: FedEx
Hand Delivered

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments
- PAHs - 7 day turn around.
thanks!!

Lab Comments:

TAL-4124-500 (1209)

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 500-129789-1

Login Number: 129789
List Number: 1
Creator: Scott, Sherri L

List Source: TestAmerica Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-129995-1
Client Project/Site: Beazer Oak Creek - 117-2201372.01

For:
Tetra Tech GEO
175 N Corporate Drive
Suite 100
Brookfield, Wisconsin 53045

Attn: Mr. Mike Noel

Authorized for release by:
7/7/2017 2:37:33 PM

Sandie Fredrick, Project Manager II
(920)261-1660
sandie.fredrick@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 500-129995-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-129995-1

Comments
No additional comments.

Receipt
The samples were received on 6/22/2017 10:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.7º C.

GC/MS VOA
Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-134 (500-129995-1), MW-107 (500-129995-6) and MW-122 (500-129995-7). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The laboratory control sample (LCS) for 391572 and 391655 recovered outside control limits for the following analytes: Bromomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270D: The following sample was diluted due to the nature of the sample matrix: MW-107 (500-129995-6). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The following samples required a dilution due to the nature of the sample matrix: MW-134 (500-129995-1), MW-107 (500-129995-6) and MW-122 (500-129995-7). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method(s) 8270D: The following sample contained one base surrogate outside acceptance limits: MW-107 (500-129995-6). The laboratory's SOP allows one base surrogate to be outside acceptance limits; therefore, re-extraction was not performed. These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Client Sample ID: MW-134 — Lab Sample ID: 500-129995-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	57		2.0	0.72	ug/L	2		8260B	Total/NA
1,3,5-Trimethylbenzene	23		2.0	0.51	ug/L	2		8260B	Total/NA
Benzene	14		1.0	0.29	ug/L	2		8260B	Total/NA
Ethylbenzene	48		1.0	0.37	ug/L	2		8260B	Total/NA
Isopropylbenzene	15		2.0	0.77	ug/L	2		8260B	Total/NA
N-Propylbenzene	4.3		2.0	0.83	ug/L	2		8260B	Total/NA
tert-Butylbenzene	3.7		2.0	0.80	ug/L	2		8260B	Total/NA
Toluene	1.2		1.0	0.30	ug/L	2		8260B	Total/NA
Xylenes, Total	25		2.0	0.44	ug/L	2		8260B	Total/NA
Naphthalene - DL	930		20	6.7	ug/L	20		8260B	Total/NA
1-Methylnaphthalene	510		76	11	ug/L	50		8270D	Total/NA
2-Methylnaphthalene	280		76	2.5	ug/L	50		8270D	Total/NA
Acenaphthene	900		38	12	ug/L	50		8270D	Total/NA
Acenaphthylene	45		38	10	ug/L	50		8270D	Total/NA
Anthracene	300		38	13	ug/L	50		8270D	Total/NA
Benzo[a]anthracene	410		7.6	2.1	ug/L	50		8270D	Total/NA
Benzo[a]pyrene	230		7.6	3.8	ug/L	50		8270D	Total/NA
Benzo[b]fluoranthene	310		7.6	3.1	ug/L	50		8270D	Total/NA
Benzo[g,h,i]perylene	110		38	14	ug/L	50		8270D	Total/NA
Benzo[k]fluoranthene	110		7.6	2.4	ug/L	50		8270D	Total/NA
Chrysene	240		7.6	2.6	ug/L	50		8270D	Total/NA
Dibenz(a,h)anthracene	28		11	1.9	ug/L	50		8270D	Total/NA
Fluoranthene	1500		38	17	ug/L	50		8270D	Total/NA
Fluorene	850		38	9.2	ug/L	50		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	100		7.6	2.8	ug/L	50		8270D	Total/NA
Naphthalene	620		38	12	ug/L	50		8270D	Total/NA
Phenanthrene	2300		38	11	ug/L	50		8270D	Total/NA
Pyrene	1100		38	16	ug/L	50		8270D	Total/NA

Client Sample ID: MW-112 — Lab Sample ID: 500-129995-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	0.45	J	1.5	0.23	ug/L	1		8270D	Total/NA
2-Methylnaphthalene	0.34	J	1.5	0.049	ug/L	1		8270D	Total/NA
Acenaphthene	0.44	J	0.75	0.23	ug/L	1		8270D	Total/NA
Fluorene	0.24	J	0.75	0.18	ug/L	1		8270D	Total/NA
Naphthalene	0.79		0.75	0.23	ug/L	1		8270D	Total/NA
Phenanthrene	0.25	J	0.75	0.23	ug/L	1		8270D	Total/NA

Client Sample ID: MW-118 — Lab Sample ID: 500-129995-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.18	J	1.5	0.050	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	0.22		0.15	0.043	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.23		0.15	0.075	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.32		0.15	0.061	ug/L	1		8270D	Total/NA
Chrysene	0.22		0.15	0.052	ug/L	1		8270D	Total/NA
Dibenz(a,h)anthracene	0.042	J	0.23	0.039	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.13	J	0.15	0.057	ug/L	1		8270D	Total/NA
Naphthalene	0.33	J	0.76	0.24	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Client Sample ID: MW-101 — Lab Sample ID: 500-129995-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.091	J	1.5	0.050	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.17		0.15	0.076	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.37		0.15	0.062	ug/L	1		8270D	Total/NA
Chrysene	0.29		0.15	0.052	ug/L	1		8270D	Total/NA
Fluoranthene	0.49	J	0.77	0.35	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.19		0.15	0.058	ug/L	1		8270D	Total/NA
Naphthalene	0.54	J	0.77	0.24	ug/L	1		8270D	Total/NA
Pyrene	0.36	J	0.77	0.33	ug/L	1		8270D	Total/NA

Client Sample ID: MW-101 DUP — Lab Sample ID: 500-129995-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.093	J	0.15	0.043	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.13	J	0.15	0.075	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.26		0.15	0.061	ug/L	1		8270D	Total/NA
Chrysene	0.21		0.15	0.051	ug/L	1		8270D	Total/NA
Fluoranthene	0.35	J	0.75	0.34	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.14	J	0.15	0.056	ug/L	1		8270D	Total/NA

Client Sample ID: MW-107 — Lab Sample ID: 500-129995-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	330		10	3.6	ug/L	10		8260B	Total/NA
1,3,5-Trimethylbenzene	86		10	2.5	ug/L	10		8260B	Total/NA
Benzene	1700		5.0	1.5	ug/L	10		8260B	Total/NA
Ethylbenzene	520		5.0	1.8	ug/L	10		8260B	Total/NA
Isopropylbenzene	26		10	3.9	ug/L	10		8260B	Total/NA
Methylene Chloride	57		50	16	ug/L	10		8260B	Total/NA
N-Propylbenzene	9.5	J	10	4.1	ug/L	10		8260B	Total/NA
tert-Butylbenzene	4.4	J	10	4.0	ug/L	10		8260B	Total/NA
Toluene	81		5.0	1.5	ug/L	10		8260B	Total/NA
Xylenes, Total	1400		10	2.2	ug/L	10		8260B	Total/NA
Naphthalene - DL	12000		100	34	ug/L	100		8260B	Total/NA
Acenaphthene	200		3.8	1.2	ug/L	5		8270D	Total/NA
Anthracene	11		3.8	1.3	ug/L	5		8270D	Total/NA
Benzo[a]anthracene	0.55	J	0.75	0.21	ug/L	5		8270D	Total/NA
Chrysene	0.34	J	0.75	0.26	ug/L	5		8270D	Total/NA
Fluoranthene	10		3.8	1.7	ug/L	5		8270D	Total/NA
Fluorene	97		3.8	0.92	ug/L	5		8270D	Total/NA
Phenanthrene	84		3.8	1.1	ug/L	5		8270D	Total/NA
Pyrene	6.1		3.8	1.6	ug/L	5		8270D	Total/NA
1-Methylnaphthalene - DL	590		75	11	ug/L	50		8270D	Total/NA
2-Methylnaphthalene - DL	1000		75	2.4	ug/L	50		8270D	Total/NA
Naphthalene - DL2	12000		380	120	ug/L	500		8270D	Total/NA

Client Sample ID: MW-122 — Lab Sample ID: 500-129995-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	11		5.0	1.8	ug/L	5		8260B	Total/NA
1,3,5-Trimethylbenzene	8.2		5.0	1.3	ug/L	5		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Client Sample ID: MW-122 (Continued) — Lab Sample ID: 500-129995-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	18		2.5	0.73	ug/L	5		8260B	Total/NA
Ethylbenzene	90		2.5	0.92	ug/L	5		8260B	Total/NA
Isopropylbenzene	14		5.0	1.9	ug/L	5		8260B	Total/NA
Methylene Chloride	29		25	8.2	ug/L	5		8260B	Total/NA
Toluene	1.9	J	2.5	0.76	ug/L	5		8260B	Total/NA
Xylenes, Total	7.4		5.0	1.1	ug/L	5		8260B	Total/NA
Naphthalene - DL	2300		50	17	ug/L	50		8260B	Total/NA
2-Methylnaphthalene	28		1.5	0.049	ug/L	1		8270D	Total/NA
Anthracene	4.2		0.76	0.25	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	0.19		0.15	0.043	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.18		0.15	0.075	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.18		0.15	0.061	ug/L	1		8270D	Total/NA
Chrysene	0.18		0.15	0.052	ug/L	1		8270D	Total/NA
Fluoranthene	2.1		0.76	0.34	ug/L	1		8270D	Total/NA
Fluorene	33		0.76	0.18	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.14	J	0.15	0.057	ug/L	1		8270D	Total/NA
Phenanthrene	28		0.76	0.23	ug/L	1		8270D	Total/NA
Pyrene	1.0		0.76	0.32	ug/L	1		8270D	Total/NA
1-Methylnaphthalene - DL	72		7.6	1.1	ug/L	5		8270D	Total/NA
Acenaphthene - DL	69		3.8	1.2	ug/L	5		8270D	Total/NA
Naphthalene - DL2	1300		19	5.8	ug/L	25		8270D	Total/NA

Client Sample ID: MW-115 — Lab Sample ID: 500-129995-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	6.9		5.0	1.6	ug/L	1		8260B	Total/NA
1-Methylnaphthalene	0.23	J	1.5	0.23	ug/L	1		8270D	Total/NA
2-Methylnaphthalene	0.25	J	1.5	0.049	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	0.14	J	0.15	0.043	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.11	J	0.15	0.075	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.14	J	0.15	0.061	ug/L	1		8270D	Total/NA
Benzo[k]fluoranthene	0.052	J	0.15	0.049	ug/L	1		8270D	Total/NA
Chrysene	0.21		0.15	0.052	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.064	J	0.15	0.057	ug/L	1		8270D	Total/NA
Naphthalene	2.6		0.76	0.23	ug/L	1		8270D	Total/NA

Client Sample ID: MW-105 — Lab Sample ID: 500-129995-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	6.3		5.0	1.6	ug/L	1		8260B	Total/NA
2-Methylnaphthalene	0.28	J	1.5	0.050	ug/L	1		8270D	Total/NA
Naphthalene	0.27	J	0.76	0.23	ug/L	1		8270D	Total/NA

Client Sample ID: TB-2 — Lab Sample ID: 500-129995-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	6.8		5.0	1.6	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-129995-1	MW-134	Water	06/20/17 10:20	06/22/17 10:15
500-129995-2	MW-112	Water	06/20/17 11:15	06/22/17 10:15
500-129995-3	MW-118	Water	06/20/17 11:35	06/22/17 10:15
500-129995-4	MW-101	Water	06/20/17 13:35	06/22/17 10:15
500-129995-5	MW-101 DUP	Water	06/20/17 13:40	06/22/17 10:15
500-129995-6	MW-107	Water	06/20/17 15:00	06/22/17 10:15
500-129995-7	MW-122	Water	06/20/17 15:45	06/22/17 10:15
500-129995-8	MW-115	Water	06/20/17 16:15	06/22/17 10:15
500-129995-9	MW-105	Water	06/20/17 16:35	06/22/17 10:15
500-129995-10	TB-2	Water	06/20/17 00:00	06/22/17 10:15

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Client Sample ID: MW-134

Date Collected: 06/20/17 10:20
Date Received: 06/22/17 10:15

Lab Sample ID: 500-129995-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.92		2.0	0.92	ug/L			07/01/17 12:40	2
1,1,1-Trichloroethane	<0.76		2.0	0.76	ug/L			07/01/17 12:40	2
1,1,2,2-Tetrachloroethane	<0.80		2.0	0.80	ug/L			07/01/17 12:40	2
1,1,2-Trichloroethane	<0.70		2.0	0.70	ug/L			07/01/17 12:40	2
1,1-Dichloroethane	<0.82		2.0	0.82	ug/L			07/01/17 12:40	2
1,1-Dichloroethene	<0.78		2.0	0.78	ug/L			07/01/17 12:40	2
1,1-Dichloropropene	<0.59		2.0	0.59	ug/L			07/01/17 12:40	2
1,2,3-Trichlorobenzene	<0.92		2.0	0.92	ug/L			07/01/17 12:40	2
1,2,3-Trichloropropane	<0.83		2.0	0.83	ug/L			07/01/17 12:40	2
1,2,4-Trichlorobenzene	<0.68		2.0	0.68	ug/L			07/01/17 12:40	2
1,2,4-Trimethylbenzene	**57**		2.0	0.72	ug/L			07/01/17 12:40	2
1,2-Dibromo-3-Chloropropane	<4.0		10	4.0	ug/L			07/01/17 12:40	2
1,2-Dibromoethane	<0.77		2.0	0.77	ug/L			07/01/17 12:40	2
1,2-Dichlorobenzene	<0.67		2.0	0.67	ug/L			07/01/17 12:40	2
1,2-Dichloroethane	<0.78		2.0	0.78	ug/L			07/01/17 12:40	2
1,2-Dichloropropane	<0.86		2.0	0.86	ug/L			07/01/17 12:40	2
1,3,5-Trimethylbenzene	**23**		2.0	0.51	ug/L			07/01/17 12:40	2
1,3-Dichlorobenzene	<0.80		2.0	0.80	ug/L			07/01/17 12:40	2
1,3-Dichloropropane	<0.72		2.0	0.72	ug/L			07/01/17 12:40	2
1,4-Dichlorobenzene	<0.73		2.0	0.73	ug/L			07/01/17 12:40	2
2,2-Dichloropropane	<0.89		2.0	0.89	ug/L			07/01/17 12:40	2
2-Chlorotoluene	<0.63		2.0	0.63	ug/L			07/01/17 12:40	2
4-Chlorotoluene	<0.70		2.0	0.70	ug/L			07/01/17 12:40	2
Benzene	**14**		1.0	0.29	ug/L			07/01/17 12:40	2
Bromobenzene	<0.71		2.0	0.71	ug/L			07/01/17 12:40	2
Bromochloromethane	<0.86		2.0	0.86	ug/L			07/01/17 12:40	2
Bromodichloromethane	<0.74		2.0	0.74	ug/L			07/01/17 12:40	2
Bromoform	<0.97		2.0	0.97	ug/L			07/01/17 12:40	2
Bromomethane	<1.6	*	4.0	1.6	ug/L			07/01/17 12:40	2
Carbon tetrachloride	<0.77		2.0	0.77	ug/L			07/01/17 12:40	2
Chlorobenzene	<0.77		2.0	0.77	ug/L			07/01/17 12:40	2
Chloroethane	<1.0		2.0	1.0	ug/L			07/01/17 12:40	2
Chloroform	<0.74		4.0	0.74	ug/L			07/01/17 12:40	2
Chloromethane	<0.64		2.0	0.64	ug/L			07/01/17 12:40	2
cis-1,2-Dichloroethene	<0.82		2.0	0.82	ug/L			07/01/17 12:40	2
cis-1,3-Dichloropropene	<0.83		2.0	0.83	ug/L			07/01/17 12:40	2
Dibromochloromethane	<0.98		2.0	0.98	ug/L			07/01/17 12:40	2
Dibromomethane	<0.54		2.0	0.54	ug/L			07/01/17 12:40	2
Dichlorodifluoromethane	<1.3		4.0	1.3	ug/L			07/01/17 12:40	2
Ethylbenzene	**48**		1.0	0.37	ug/L			07/01/17 12:40	2
Hexachlorobutadiene	<0.89		2.0	0.89	ug/L			07/01/17 12:40	2
Isopropyl ether	<0.55		2.0	0.55	ug/L			07/01/17 12:40	2
Isopropylbenzene	**15**		2.0	0.77	ug/L			07/01/17 12:40	2
Methyl tert-butyl ether	<0.79		2.0	0.79	ug/L			07/01/17 12:40	2
Methylene Chloride	<3.3		10	3.3	ug/L			07/01/17 12:40	2
n-Butylbenzene	<0.78		2.0	0.78	ug/L			07/01/17 12:40	2
N-Propylbenzene	**4.3**		2.0	0.83	ug/L			07/01/17 12:40	2
p-Isopropyltoluene	<0.72		2.0	0.72	ug/L			07/01/17 12:40	2
sec-Butylbenzene	<0.80		2.0	0.80	ug/L			07/01/17 12:40	2

Client Sample ID: MW-134

Date Collected: 06/20/17 10:20
Date Received: 06/22/17 10:15

Lab Sample ID: 500-129995-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.77		2.0	0.77	ug/L			07/01/17 12:40	2
tert-Butylbenzene	**3.7**		2.0	0.80	ug/L			07/01/17 12:40	2
Tetrachloroethene	<0.74		2.0	0.74	ug/L			07/01/17 12:40	2
Toluene	**1.2**		1.0	0.30	ug/L			07/01/17 12:40	2
trans-1,2-Dichloroethene	<0.70		2.0	0.70	ug/L			07/01/17 12:40	2
trans-1,3-Dichloropropene	<0.72		2.0	0.72	ug/L			07/01/17 12:40	2
Trichloroethene	<0.33		1.0	0.33	ug/L			07/01/17 12:40	2
Trichlorofluoromethane	<0.85		2.0	0.85	ug/L			07/01/17 12:40	2
Vinyl chloride	<0.41		1.0	0.41	ug/L			07/01/17 12:40	2
Xylenes, Total	**25**		2.0	0.44	ug/L			07/01/17 12:40	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*		*07/01/17 12:40*	*2*
4-Bromofluorobenzene (Surr)	*93*		*72 - 124*		*07/01/17 12:40*	*2*
Dibromofluoromethane	*93*		*75 - 120*		*07/01/17 12:40*	*2*
Toluene-d8 (Surr)	*98*		*75 - 120*		*07/01/17 12:40*	*2*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**930**		20	6.7	ug/L			07/01/17 13:10	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*		*07/01/17 13:10*	*20*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*		*07/01/17 13:10*	*20*
Dibromofluoromethane	*95*		*75 - 120*		*07/01/17 13:10*	*20*
Toluene-d8 (Surr)	*98*		*75 - 120*		*07/01/17 13:10*	*20*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**510**		76	11	ug/L		06/23/17 07:31	06/24/17 03:15	50
2-Methylnaphthalene	**280**		76	2.5	ug/L		06/23/17 07:31	06/24/17 03:15	50
Acenaphthene	**900**		38	12	ug/L		06/23/17 07:31	06/24/17 03:15	50
Acenaphthylene	**45**		38	10	ug/L		06/23/17 07:31	06/24/17 03:15	50
Anthracene	**300**		38	13	ug/L		06/23/17 07:31	06/24/17 03:15	50
Benzo[a]anthracene	**410**		7.6	2.1	ug/L		06/23/17 07:31	06/24/17 03:15	50
Benzo[a]pyrene	**230**		7.6	3.8	ug/L		06/23/17 07:31	06/24/17 03:15	50
Benzo[b]fluoranthene	**310**		7.6	3.1	ug/L		06/23/17 07:31	06/24/17 03:15	50
Benzo[g,h,i]perylene	**110**		38	14	ug/L		06/23/17 07:31	06/24/17 03:15	50
Benzo[k]fluoranthene	**110**		7.6	2.4	ug/L		06/23/17 07:31	06/24/17 03:15	50
Chrysene	**240**		7.6	2.6	ug/L		06/23/17 07:31	06/24/17 03:15	50
Dibenz(a,h)anthracene	**28**		11	1.9	ug/L		06/23/17 07:31	06/24/17 03:15	50
Fluoranthene	**1500**		38	17	ug/L		06/23/17 07:31	06/24/17 03:15	50
Fluorene	**850**		38	9.2	ug/L		06/23/17 07:31	06/24/17 03:15	50
Indeno[1,2,3-cd]pyrene	**100**		7.6	2.8	ug/L		06/23/17 07:31	06/24/17 03:15	50
Naphthalene	**620**		38	12	ug/L		06/23/17 07:31	06/24/17 03:15	50
Phenanthrene	**2300**		38	11	ug/L		06/23/17 07:31	06/24/17 03:15	50
Pyrene	**1100**		38	16	ug/L		06/23/17 07:31	06/24/17 03:15	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*0*	*D*	*34 - 110*	*06/23/17 07:31*	*06/24/17 03:15*	*50*
Nitrobenzene-d5 (Surr)	*0*	*D*	*36 - 120*	*06/23/17 07:31*	*06/24/17 03:15*	*50*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Client Sample ID: MW-134

Date Collected: 06/20/17 10:20
Date Received: 06/22/17 10:15

Lab Sample ID: 500-129995-1

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	0	D	40 - 145	06/23/17 07:31	06/24/17 03:15	50

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Client Sample ID: MW-112

Date Collected: 06/20/17 11:15
Date Received: 06/22/17 10:15

Lab Sample ID: 500-129995-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/03/17 11:51	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/03/17 11:51	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/03/17 11:51	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/03/17 11:51	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/03/17 11:51	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/03/17 11:51	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/03/17 11:51	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/03/17 11:51	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/03/17 11:51	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/03/17 11:51	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/03/17 11:51	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/03/17 11:51	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/03/17 11:51	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/03/17 11:51	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/03/17 11:51	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/03/17 11:51	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/03/17 11:51	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/03/17 11:51	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/03/17 11:51	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/03/17 11:51	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/03/17 11:51	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/03/17 11:51	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/03/17 11:51	1
Benzene	<0.15		0.50	0.15	ug/L			07/03/17 11:51	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/03/17 11:51	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/03/17 11:51	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/03/17 11:51	1
Bromoform	<0.48		1.0	0.48	ug/L			07/03/17 11:51	1
Bromomethane	<0.80	*	2.0	0.80	ug/L			07/03/17 11:51	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/03/17 11:51	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/03/17 11:51	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/03/17 11:51	1
Chloroform	<0.37		2.0	0.37	ug/L			07/03/17 11:51	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/03/17 11:51	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/03/17 11:51	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/03/17 11:51	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/03/17 11:51	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/03/17 11:51	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/03/17 11:51	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/03/17 11:51	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/03/17 11:51	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/03/17 11:51	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/03/17 11:51	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/03/17 11:51	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/03/17 11:51	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/03/17 11:51	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/03/17 11:51	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/03/17 11:51	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/03/17 11:51	1

Client Sample ID: MW-112

Date Collected: 06/20/17 11:15
Date Received: 06/22/17 10:15

Lab Sample ID: 500-129995-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/17 11:51	1
Styrene	<0.39		1.0	0.39	ug/L			07/03/17 11:51	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/17 11:51	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/03/17 11:51	1
Toluene	<0.15		0.50	0.15	ug/L			07/03/17 11:51	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/03/17 11:51	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/03/17 11:51	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/03/17 11:51	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/03/17 11:51	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/03/17 11:51	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/03/17 11:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*07/03/17 11:51*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*07/03/17 11:51*	*1*
Dibromofluoromethane	*93*		*75 - 120*		*07/03/17 11:51*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*07/03/17 11:51*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.45**	**J**	1.5	0.23	ug/L		06/23/17 07:31	06/23/17 23:23	1
2-Methylnaphthalene	**0.34**	**J**	1.5	0.049	ug/L		06/23/17 07:31	06/23/17 23:23	1
Acenaphthene	**0.44**	**J**	0.75	0.23	ug/L		06/23/17 07:31	06/23/17 23:23	1
Acenaphthylene	<0.20		0.75	0.20	ug/L		06/23/17 07:31	06/23/17 23:23	1
Anthracene	<0.25		0.75	0.25	ug/L		06/23/17 07:31	06/23/17 23:23	1
Benzo[a]anthracene	<0.043		0.15	0.043	ug/L		06/23/17 07:31	06/23/17 23:23	1
Benzo[a]pyrene	<0.074		0.15	0.074	ug/L		06/23/17 07:31	06/23/17 23:23	1
Benzo[b]fluoranthene	<0.061		0.15	0.061	ug/L		06/23/17 07:31	06/23/17 23:23	1
Benzo[g,h,i]perylene	<0.28		0.75	0.28	ug/L		06/23/17 07:31	06/23/17 23:23	1
Benzo[k]fluoranthene	<0.048		0.15	0.048	ug/L		06/23/17 07:31	06/23/17 23:23	1
Chrysene	<0.051		0.15	0.051	ug/L		06/23/17 07:31	06/23/17 23:23	1
Dibenz(a,h)anthracene	<0.038		0.23	0.038	ug/L		06/23/17 07:31	06/23/17 23:23	1
Fluoranthene	<0.34		0.75	0.34	ug/L		06/23/17 07:31	06/23/17 23:23	1
Fluorene	**0.24**	**J**	0.75	0.18	ug/L		06/23/17 07:31	06/23/17 23:23	1
Indeno[1,2,3-cd]pyrene	<0.056		0.15	0.056	ug/L		06/23/17 07:31	06/23/17 23:23	1
Naphthalene	**0.79**		0.75	0.23	ug/L		06/23/17 07:31	06/23/17 23:23	1
Phenanthrene	**0.25**	**J**	0.75	0.23	ug/L		06/23/17 07:31	06/23/17 23:23	1
Pyrene	<0.32		0.75	0.32	ug/L		06/23/17 07:31	06/23/17 23:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*57*		*34 - 110*	*06/23/17 07:31*	*06/23/17 23:23*	*1*
Nitrobenzene-d5 (Surr)	*68*		*36 - 120*	*06/23/17 07:31*	*06/23/17 23:23*	*1*
Terphenyl-d14 (Surr)	*92*		*40 - 145*	*06/23/17 07:31*	*06/23/17 23:23*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Client Sample ID: MW-118

Date Collected: 06/20/17 11:35
Date Received: 06/22/17 10:15

Lab Sample ID: 500-129995-3

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/03/17 12:21	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/03/17 12:21	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/03/17 12:21	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/03/17 12:21	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/03/17 12:21	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/03/17 12:21	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/03/17 12:21	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/03/17 12:21	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/03/17 12:21	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/03/17 12:21	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/03/17 12:21	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/03/17 12:21	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/03/17 12:21	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/03/17 12:21	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/03/17 12:21	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/03/17 12:21	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/03/17 12:21	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/03/17 12:21	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/03/17 12:21	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/03/17 12:21	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/03/17 12:21	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/03/17 12:21	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/03/17 12:21	1
Benzene	<0.15		0.50	0.15	ug/L			07/03/17 12:21	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/03/17 12:21	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/03/17 12:21	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/03/17 12:21	1
Bromoform	<0.48		1.0	0.48	ug/L			07/03/17 12:21	1
Bromomethane	<0.80	*	2.0	0.80	ug/L			07/03/17 12:21	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/03/17 12:21	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/03/17 12:21	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/03/17 12:21	1
Chloroform	<0.37		2.0	0.37	ug/L			07/03/17 12:21	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/03/17 12:21	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/03/17 12:21	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/03/17 12:21	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/03/17 12:21	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/03/17 12:21	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/03/17 12:21	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/03/17 12:21	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/03/17 12:21	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/03/17 12:21	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/03/17 12:21	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/03/17 12:21	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/03/17 12:21	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/03/17 12:21	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/03/17 12:21	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/03/17 12:21	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/03/17 12:21	1

Client Sample ID: MW-118

Date Collected: 06/20/17 11:35
Date Received: 06/22/17 10:15

Lab Sample ID: 500-129995-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/17 12:21	1
Styrene	<0.39		1.0	0.39	ug/L			07/03/17 12:21	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/17 12:21	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/03/17 12:21	1
Toluene	<0.15		0.50	0.15	ug/L			07/03/17 12:21	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/03/17 12:21	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/03/17 12:21	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/03/17 12:21	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/03/17 12:21	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/03/17 12:21	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/03/17 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 126*		*07/03/17 12:21*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*07/03/17 12:21*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*07/03/17 12:21*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*07/03/17 12:21*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.23		1.5	0.23	ug/L		06/23/17 07:31	06/23/17 23:52	1
2-Methylnaphthalene	**0.18**	**J**	1.5	0.050	ug/L		06/23/17 07:31	06/23/17 23:52	1
Acenaphthene	<0.24		0.76	0.24	ug/L		06/23/17 07:31	06/23/17 23:52	1
Acenaphthylene	<0.20		0.76	0.20	ug/L		06/23/17 07:31	06/23/17 23:52	1
Anthracene	<0.25		0.76	0.25	ug/L		06/23/17 07:31	06/23/17 23:52	1
Benzo[a]anthracene	**0.22**		0.15	0.043	ug/L		06/23/17 07:31	06/23/17 23:52	1
Benzo[a]pyrene	**0.23**		0.15	0.075	ug/L		06/23/17 07:31	06/23/17 23:52	1
Benzo[b]fluoranthene	**0.32**		0.15	0.061	ug/L		06/23/17 07:31	06/23/17 23:52	1
Benzo[g,h,i]perylene	<0.29		0.76	0.29	ug/L		06/23/17 07:31	06/23/17 23:52	1
Benzo[k]fluoranthene	<0.049		0.15	0.049	ug/L		06/23/17 07:31	06/23/17 23:52	1
Chrysene	**0.22**		0.15	0.052	ug/L		06/23/17 07:31	06/23/17 23:52	1
Dibenz(a,h)anthracene	**0.042**	**J**	0.23	0.039	ug/L		06/23/17 07:31	06/23/17 23:52	1
Fluoranthene	<0.35		0.76	0.35	ug/L		06/23/17 07:31	06/23/17 23:52	1
Fluorene	<0.19		0.76	0.19	ug/L		06/23/17 07:31	06/23/17 23:52	1
Indeno[1,2,3-cd]pyrene	**0.13**	**J**	0.15	0.057	ug/L		06/23/17 07:31	06/23/17 23:52	1
Naphthalene	**0.33**	**J**	0.76	0.24	ug/L		06/23/17 07:31	06/23/17 23:52	1
Phenanthrene	<0.23		0.76	0.23	ug/L		06/23/17 07:31	06/23/17 23:52	1
Pyrene	<0.32		0.76	0.32	ug/L		06/23/17 07:31	06/23/17 23:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*64*		*34 - 110*	*06/23/17 07:31*	*06/23/17 23:52*	*1*
Nitrobenzene-d5 (Surr)	*73*		*36 - 120*	*06/23/17 07:31*	*06/23/17 23:52*	*1*
Terphenyl-d14 (Surr)	*88*		*40 - 145*	*06/23/17 07:31*	*06/23/17 23:52*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Client Sample ID: MW-101

Date Collected: 06/20/17 13:35
Date Received: 06/22/17 10:15

Lab Sample ID: 500-129995-4

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/03/17 12:50	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/03/17 12:50	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/03/17 12:50	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/03/17 12:50	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/03/17 12:50	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/03/17 12:50	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/03/17 12:50	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/03/17 12:50	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/03/17 12:50	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/03/17 12:50	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/03/17 12:50	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/03/17 12:50	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/03/17 12:50	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/03/17 12:50	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/03/17 12:50	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/03/17 12:50	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/03/17 12:50	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/03/17 12:50	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/03/17 12:50	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/03/17 12:50	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/03/17 12:50	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/03/17 12:50	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/03/17 12:50	1
Benzene	<0.15		0.50	0.15	ug/L			07/03/17 12:50	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/03/17 12:50	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/03/17 12:50	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/03/17 12:50	1
Bromoform	<0.48		1.0	0.48	ug/L			07/03/17 12:50	1
Bromomethane	<0.80	*	2.0	0.80	ug/L			07/03/17 12:50	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/03/17 12:50	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/03/17 12:50	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/03/17 12:50	1
Chloroform	<0.37		2.0	0.37	ug/L			07/03/17 12:50	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/03/17 12:50	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/03/17 12:50	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/03/17 12:50	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/03/17 12:50	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/03/17 12:50	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/03/17 12:50	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/03/17 12:50	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/03/17 12:50	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/03/17 12:50	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/03/17 12:50	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/03/17 12:50	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/03/17 12:50	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/03/17 12:50	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/03/17 12:50	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/03/17 12:50	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/03/17 12:50	1

Client Sample ID: MW-101

Date Collected: 06/20/17 13:35
Date Received: 06/22/17 10:15

Lab Sample ID: 500-129995-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/17 12:50	1
Styrene	<0.39		1.0	0.39	ug/L			07/03/17 12:50	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/17 12:50	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/03/17 12:50	1
Toluene	<0.15		0.50	0.15	ug/L			07/03/17 12:50	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/03/17 12:50	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/03/17 12:50	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/03/17 12:50	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/03/17 12:50	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/03/17 12:50	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/03/17 12:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*		*07/03/17 12:50*	*1*
4-Bromofluorobenzene (Surr)	*104*		*72 - 124*		*07/03/17 12:50*	*1*
Dibromofluoromethane	*98*		*75 - 120*		*07/03/17 12:50*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*07/03/17 12:50*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.23		1.5	0.23	ug/L		06/23/17 07:31	06/24/17 00:21	1
2-Methylnaphthalene	**0.091**	**J**	1.5	0.050	ug/L		06/23/17 07:31	06/24/17 00:21	1
Acenaphthene	<0.24		0.77	0.24	ug/L		06/23/17 07:31	06/24/17 00:21	1
Acenaphthylene	<0.21		0.77	0.21	ug/L		06/23/17 07:31	06/24/17 00:21	1
Anthracene	<0.26		0.77	0.26	ug/L		06/23/17 07:31	06/24/17 00:21	1
Benzo[a]anthracene	<0.044		0.15	0.044	ug/L		06/23/17 07:31	06/24/17 00:21	1
Benzo[a]pyrene	**0.17**		0.15	0.076	ug/L		06/23/17 07:31	06/24/17 00:21	1
Benzo[b]fluoranthene	**0.37**		0.15	0.062	ug/L		06/23/17 07:31	06/24/17 00:21	1
Benzo[g,h,i]perylene	<0.29		0.77	0.29	ug/L		06/23/17 07:31	06/24/17 00:21	1
Benzo[k]fluoranthene	<0.049		0.15	0.049	ug/L		06/23/17 07:31	06/24/17 00:21	1
Chrysene	**0.29**		0.15	0.052	ug/L		06/23/17 07:31	06/24/17 00:21	1
Dibenz(a,h)anthracene	<0.039		0.23	0.039	ug/L		06/23/17 07:31	06/24/17 00:21	1
Fluoranthene	**0.49**	**J**	0.77	0.35	ug/L		06/23/17 07:31	06/24/17 00:21	1
Fluorene	<0.19		0.77	0.19	ug/L		06/23/17 07:31	06/24/17 00:21	1
Indeno[1,2,3-cd]pyrene	**0.19**		0.15	0.058	ug/L		06/23/17 07:31	06/24/17 00:21	1
Naphthalene	**0.54**	**J**	0.77	0.24	ug/L		06/23/17 07:31	06/24/17 00:21	1
Phenanthrene	<0.23		0.77	0.23	ug/L		06/23/17 07:31	06/24/17 00:21	1
Pyrene	**0.36**	**J**	0.77	0.33	ug/L		06/23/17 07:31	06/24/17 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*56*		*34 - 110*	*06/23/17 07:31*	*06/24/17 00:21*	*1*
Nitrobenzene-d5 (Surr)	*60*		*36 - 120*	*06/23/17 07:31*	*06/24/17 00:21*	*1*
Terphenyl-d14 (Surr)	*85*		*40 - 145*	*06/23/17 07:31*	*06/24/17 00:21*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Client Sample ID: MW-101 DUP

Date Collected: 06/20/17 13:40
Date Received: 06/22/17 10:15

Lab Sample ID: 500-129995-5

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/03/17 13:19	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/03/17 13:19	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/03/17 13:19	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/03/17 13:19	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/03/17 13:19	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/03/17 13:19	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/03/17 13:19	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/03/17 13:19	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/03/17 13:19	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/03/17 13:19	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/03/17 13:19	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/03/17 13:19	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/03/17 13:19	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/03/17 13:19	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/03/17 13:19	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/03/17 13:19	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/03/17 13:19	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/03/17 13:19	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/03/17 13:19	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/03/17 13:19	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/03/17 13:19	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/03/17 13:19	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/03/17 13:19	1
Benzene	<0.15		0.50	0.15	ug/L			07/03/17 13:19	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/03/17 13:19	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/03/17 13:19	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/03/17 13:19	1
Bromoform	<0.48		1.0	0.48	ug/L			07/03/17 13:19	1
Bromomethane	<0.80	*	2.0	0.80	ug/L			07/03/17 13:19	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/03/17 13:19	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/03/17 13:19	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/03/17 13:19	1
Chloroform	<0.37		2.0	0.37	ug/L			07/03/17 13:19	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/03/17 13:19	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/03/17 13:19	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/03/17 13:19	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/03/17 13:19	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/03/17 13:19	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/03/17 13:19	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/03/17 13:19	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/03/17 13:19	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/03/17 13:19	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/03/17 13:19	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/03/17 13:19	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/03/17 13:19	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/03/17 13:19	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/03/17 13:19	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/03/17 13:19	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/03/17 13:19	1

Client Sample ID: MW-101 DUP

Lab Sample ID: 500-129995-5

Date Collected: 06/20/17 13:40

Matrix: Water

Date Received: 06/22/17 10:15

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/17 13:19	1
Styrene	<0.39		1.0	0.39	ug/L			07/03/17 13:19	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/17 13:19	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/03/17 13:19	1
Toluene	<0.15		0.50	0.15	ug/L			07/03/17 13:19	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/03/17 13:19	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/03/17 13:19	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/03/17 13:19	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/03/17 13:19	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/03/17 13:19	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/03/17 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 126*		*07/03/17 13:19*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*		*07/03/17 13:19*	*1*
Dibromofluoromethane	*100*		*75 - 120*		*07/03/17 13:19*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*07/03/17 13:19*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.23		1.5	0.23	ug/L		06/23/17 07:31	06/24/17 00:50	1
2-Methylnaphthalene	<0.049		1.5	0.049	ug/L		06/23/17 07:31	06/24/17 00:50	1
Acenaphthene	<0.23		0.75	0.23	ug/L		06/23/17 07:31	06/24/17 00:50	1
Acenaphthylene	<0.20		0.75	0.20	ug/L		06/23/17 07:31	06/24/17 00:50	1
Anthracene	<0.25		0.75	0.25	ug/L		06/23/17 07:31	06/24/17 00:50	1
Benzo[a]anthracene	**0.093**	**J**	0.15	0.043	ug/L		06/23/17 07:31	06/24/17 00:50	1
Benzo[a]pyrene	**0.13**	**J**	0.15	0.075	ug/L		06/23/17 07:31	06/24/17 00:50	1
Benzo[b]fluoranthene	**0.26**		0.15	0.061	ug/L		06/23/17 07:31	06/24/17 00:50	1
Benzo[g,h,i]perylene	<0.28		0.75	0.28	ug/L		06/23/17 07:31	06/24/17 00:50	1
Benzo[k]fluoranthene	<0.048		0.15	0.048	ug/L		06/23/17 07:31	06/24/17 00:50	1
Chrysene	**0.21**		0.15	0.051	ug/L		06/23/17 07:31	06/24/17 00:50	1
Dibenz(a,h)anthracene	<0.038		0.23	0.038	ug/L		06/23/17 07:31	06/24/17 00:50	1
Fluoranthene	**0.35**	**J**	0.75	0.34	ug/L		06/23/17 07:31	06/24/17 00:50	1
Fluorene	<0.18		0.75	0.18	ug/L		06/23/17 07:31	06/24/17 00:50	1
Indeno[1,2,3-cd]pyrene	**0.14**	**J**	0.15	0.056	ug/L		06/23/17 07:31	06/24/17 00:50	1
Naphthalene	<0.23		0.75	0.23	ug/L		06/23/17 07:31	06/24/17 00:50	1
Phenanthrene	<0.23		0.75	0.23	ug/L		06/23/17 07:31	06/24/17 00:50	1
Pyrene	<0.32		0.75	0.32	ug/L		06/23/17 07:31	06/24/17 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*50*		*34 - 110*	*06/23/17 07:31*	*06/24/17 00:50*	*1*
Nitrobenzene-d5 (Surr)	*58*		*36 - 120*	*06/23/17 07:31*	*06/24/17 00:50*	*1*
Terphenyl-d14 (Surr)	*69*		*40 - 145*	*06/23/17 07:31*	*06/24/17 00:50*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Client Sample ID: MW-107

Date Collected: 06/20/17 15:00
Date Received: 06/22/17 10:15

Lab Sample ID: 500-129995-6

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.6		10	4.6	ug/L			07/03/17 14:47	10
1,1,1-Trichloroethane	<3.8		10	3.8	ug/L			07/03/17 14:47	10
1,1,2,2-Tetrachloroethane	<4.0		10	4.0	ug/L			07/03/17 14:47	10
1,1,2-Trichloroethane	<3.5		10	3.5	ug/L			07/03/17 14:47	10
1,1-Dichloroethane	<4.1		10	4.1	ug/L			07/03/17 14:47	10
1,1-Dichloroethene	<3.9		10	3.9	ug/L			07/03/17 14:47	10
1,1-Dichloropropene	<3.0		10	3.0	ug/L			07/03/17 14:47	10
1,2,3-Trichlorobenzene	<4.6		10	4.6	ug/L			07/03/17 14:47	10
1,2,3-Trichloropropane	<4.1		10	4.1	ug/L			07/03/17 14:47	10
1,2,4-Trichlorobenzene	<3.4		10	3.4	ug/L			07/03/17 14:47	10
1,2,4-Trimethylbenzene	**330**		10	3.6	ug/L			07/03/17 14:47	10
1,2-Dibromo-3-Chloropropane	<20		50	20	ug/L			07/03/17 14:47	10
1,2-Dibromoethane	<3.9		10	3.9	ug/L			07/03/17 14:47	10
1,2-Dichlorobenzene	<3.3		10	3.3	ug/L			07/03/17 14:47	10
1,2-Dichloroethane	<3.9		10	3.9	ug/L			07/03/17 14:47	10
1,2-Dichloropropane	<4.3		10	4.3	ug/L			07/03/17 14:47	10
1,3,5-Trimethylbenzene	**86**		10	2.5	ug/L			07/03/17 14:47	10
1,3-Dichlorobenzene	<4.0		10	4.0	ug/L			07/03/17 14:47	10
1,3-Dichloropropane	<3.6		10	3.6	ug/L			07/03/17 14:47	10
1,4-Dichlorobenzene	<3.6		10	3.6	ug/L			07/03/17 14:47	10
2,2-Dichloropropane	<4.4		10	4.4	ug/L			07/03/17 14:47	10
2-Chlorotoluene	<3.1		10	3.1	ug/L			07/03/17 14:47	10
4-Chlorotoluene	<3.5		10	3.5	ug/L			07/03/17 14:47	10
Benzene	**1700**		5.0	1.5	ug/L			07/03/17 14:47	10
Bromobenzene	<3.6		10	3.6	ug/L			07/03/17 14:47	10
Bromochloromethane	<4.3		10	4.3	ug/L			07/03/17 14:47	10
Bromodichloromethane	<3.7		10	3.7	ug/L			07/03/17 14:47	10
Bromoform	<4.8		10	4.8	ug/L			07/03/17 14:47	10
Bromomethane	<8.0	*	20	8.0	ug/L			07/03/17 14:47	10
Carbon tetrachloride	<3.8		10	3.8	ug/L			07/03/17 14:47	10
Chlorobenzene	<3.9		10	3.9	ug/L			07/03/17 14:47	10
Chloroethane	<5.1		10	5.1	ug/L			07/03/17 14:47	10
Chloroform	<3.7		20	3.7	ug/L			07/03/17 14:47	10
Chloromethane	<3.2		10	3.2	ug/L			07/03/17 14:47	10
cis-1,2-Dichloroethene	<4.1		10	4.1	ug/L			07/03/17 14:47	10
cis-1,3-Dichloropropene	<4.2		10	4.2	ug/L			07/03/17 14:47	10
Dibromochloromethane	<4.9		10	4.9	ug/L			07/03/17 14:47	10
Dibromomethane	<2.7		10	2.7	ug/L			07/03/17 14:47	10
Dichlorodifluoromethane	<6.7		20	6.7	ug/L			07/03/17 14:47	10
Ethylbenzene	**520**		5.0	1.8	ug/L			07/03/17 14:47	10
Hexachlorobutadiene	<4.5		10	4.5	ug/L			07/03/17 14:47	10
Isopropyl ether	<2.8		10	2.8	ug/L			07/03/17 14:47	10
Isopropylbenzene	**26**		10	3.9	ug/L			07/03/17 14:47	10
Methyl tert-butyl ether	<3.9		10	3.9	ug/L			07/03/17 14:47	10
Methylene Chloride	**57**		50	16	ug/L			07/03/17 14:47	10
n-Butylbenzene	<3.9		10	3.9	ug/L			07/03/17 14:47	10
N-Propylbenzene	**9.5**	**J**	10	4.1	ug/L			07/03/17 14:47	10
p-Isopropyltoluene	<3.6		10	3.6	ug/L			07/03/17 14:47	10
sec-Butylbenzene	<4.0		10	4.0	ug/L			07/03/17 14:47	10

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Client Sample ID: MW-107

Date Collected: 06/20/17 15:00
Date Received: 06/22/17 10:15

Lab Sample ID: 500-129995-6

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<3.9		10	3.9	ug/L			07/03/17 14:47	10
tert-Butylbenzene	**4.4**	**J**	10	4.0	ug/L			07/03/17 14:47	10
Tetrachloroethene	<3.7		10	3.7	ug/L			07/03/17 14:47	10
Toluene	**81**		5.0	1.5	ug/L			07/03/17 14:47	10
trans-1,2-Dichloroethene	<3.5		10	3.5	ug/L			07/03/17 14:47	10
trans-1,3-Dichloropropene	<3.6		10	3.6	ug/L			07/03/17 14:47	10
Trichloroethene	<1.6		5.0	1.6	ug/L			07/03/17 14:47	10
Trichlorofluoromethane	<4.3		10	4.3	ug/L			07/03/17 14:47	10
Vinyl chloride	<2.0		5.0	2.0	ug/L			07/03/17 14:47	10
Xylenes, Total	**1400**		10	2.2	ug/L			07/03/17 14:47	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 126*		*07/03/17 14:47*	*10*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*07/03/17 14:47*	*10*
Dibromofluoromethane	*93*		*75 - 120*		*07/03/17 14:47*	*10*
Toluene-d8 (Surr)	*95*		*75 - 120*		*07/03/17 14:47*	*10*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**12000**		100	34	ug/L			07/03/17 15:16	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 126*		*07/03/17 15:16*	*100*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*		*07/03/17 15:16*	*100*
Dibromofluoromethane	*99*		*75 - 120*		*07/03/17 15:16*	*100*
Toluene-d8 (Surr)	*93*		*75 - 120*		*07/03/17 15:16*	*100*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**200**		3.8	1.2	ug/L		06/23/17 07:31	06/24/17 02:46	5
Acenaphthylene	<1.0		3.8	1.0	ug/L		06/23/17 07:31	06/24/17 02:46	5
Anthracene	**11**		3.8	1.3	ug/L		06/23/17 07:31	06/24/17 02:46	5
Benzo[a]anthracene	**0.55**	**J**	0.75	0.21	ug/L		06/23/17 07:31	06/24/17 02:46	5
Benzo[a]pyrene	<0.37		0.75	0.37	ug/L		06/23/17 07:31	06/24/17 02:46	5
Benzo[b]fluoranthene	<0.30		0.75	0.30	ug/L		06/23/17 07:31	06/24/17 02:46	5
Benzo[g,h,i]perylene	<1.4		3.8	1.4	ug/L		06/23/17 07:31	06/24/17 02:46	5
Benzo[k]fluoranthene	<0.24		0.75	0.24	ug/L		06/23/17 07:31	06/24/17 02:46	5
Chrysene	**0.34**	**J**	0.75	0.26	ug/L		06/23/17 07:31	06/24/17 02:46	5
Dibenz(a,h)anthracene	<0.19		1.1	0.19	ug/L		06/23/17 07:31	06/24/17 02:46	5
Fluoranthene	**10**		3.8	1.7	ug/L		06/23/17 07:31	06/24/17 02:46	5
Fluorene	**97**		3.8	0.92	ug/L		06/23/17 07:31	06/24/17 02:46	5
Indeno[1,2,3-cd]pyrene	<0.28		0.75	0.28	ug/L		06/23/17 07:31	06/24/17 02:46	5
Phenanthrene	**84**		3.8	1.1	ug/L		06/23/17 07:31	06/24/17 02:46	5
Pyrene	**6.1**		3.8	1.6	ug/L		06/23/17 07:31	06/24/17 02:46	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*34 - 110*	*06/23/17 07:31*	*06/24/17 02:46*	*5*
Nitrobenzene-d5 (Surr)	*208*	*X*	*36 - 120*	*06/23/17 07:31*	*06/24/17 02:46*	*5*
Terphenyl-d14 (Surr)	*103*		*40 - 145*	*06/23/17 07:31*	*06/24/17 02:46*	*5*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Client Sample ID: MW-107

Date Collected: 06/20/17 15:00
Date Received: 06/22/17 10:15

Lab Sample ID: 500-129995-6

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	590		75	11	ug/L		06/23/17 07:31	06/26/17 13:26	50
2-Methylnaphthalene	1000		75	2.4	ug/L		06/23/17 07:31	06/26/17 13:26	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	12000		380	120	ug/L		06/23/17 07:31	06/27/17 17:42	500

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Client Sample ID: MW-122

Date Collected: 06/20/17 15:45
Date Received: 06/22/17 10:15

Lab Sample ID: 500-129995-7

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<2.3		5.0	2.3	ug/L			07/03/17 15:46	5
1,1,1-Trichloroethane	<1.9		5.0	1.9	ug/L			07/03/17 15:46	5
1,1,2,2-Tetrachloroethane	<2.0		5.0	2.0	ug/L			07/03/17 15:46	5
1,1,2-Trichloroethane	<1.8		5.0	1.8	ug/L			07/03/17 15:46	5
1,1-Dichloroethane	<2.1		5.0	2.1	ug/L			07/03/17 15:46	5
1,1-Dichloroethene	<2.0		5.0	2.0	ug/L			07/03/17 15:46	5
1,1-Dichloropropene	<1.5		5.0	1.5	ug/L			07/03/17 15:46	5
1,2,3-Trichlorobenzene	<2.3		5.0	2.3	ug/L			07/03/17 15:46	5
1,2,3-Trichloropropane	<2.1		5.0	2.1	ug/L			07/03/17 15:46	5
1,2,4-Trichlorobenzene	<1.7		5.0	1.7	ug/L			07/03/17 15:46	5
1,2,4-Trimethylbenzene	**11**		5.0	1.8	ug/L			07/03/17 15:46	5
1,2-Dibromo-3-Chloropropane	<10		25	10	ug/L			07/03/17 15:46	5
1,2-Dibromoethane	<1.9		5.0	1.9	ug/L			07/03/17 15:46	5
1,2-Dichlorobenzene	<1.7		5.0	1.7	ug/L			07/03/17 15:46	5
1,2-Dichloroethane	<2.0		5.0	2.0	ug/L			07/03/17 15:46	5
1,2-Dichloropropane	<2.1		5.0	2.1	ug/L			07/03/17 15:46	5
1,3,5-Trimethylbenzene	**8.2**		5.0	1.3	ug/L			07/03/17 15:46	5
1,3-Dichlorobenzene	<2.0		5.0	2.0	ug/L			07/03/17 15:46	5
1,3-Dichloropropane	<1.8		5.0	1.8	ug/L			07/03/17 15:46	5
1,4-Dichlorobenzene	<1.8		5.0	1.8	ug/L			07/03/17 15:46	5
2,2-Dichloropropane	<2.2		5.0	2.2	ug/L			07/03/17 15:46	5
2-Chlorotoluene	<1.6		5.0	1.6	ug/L			07/03/17 15:46	5
4-Chlorotoluene	<1.7		5.0	1.7	ug/L			07/03/17 15:46	5
Benzene	**18**		2.5	0.73	ug/L			07/03/17 15:46	5
Bromobenzene	<1.8		5.0	1.8	ug/L			07/03/17 15:46	5
Bromochloromethane	<2.1		5.0	2.1	ug/L			07/03/17 15:46	5
Bromodichloromethane	<1.9		5.0	1.9	ug/L			07/03/17 15:46	5
Bromoform	<2.4		5.0	2.4	ug/L			07/03/17 15:46	5
Bromomethane	<4.0	*	10	4.0	ug/L			07/03/17 15:46	5
Carbon tetrachloride	<1.9		5.0	1.9	ug/L			07/03/17 15:46	5
Chlorobenzene	<1.9		5.0	1.9	ug/L			07/03/17 15:46	5
Chloroethane	<2.5		5.0	2.5	ug/L			07/03/17 15:46	5
Chloroform	<1.9		10	1.9	ug/L			07/03/17 15:46	5
Chloromethane	<1.6		5.0	1.6	ug/L			07/03/17 15:46	5
cis-1,2-Dichloroethene	<2.0		5.0	2.0	ug/L			07/03/17 15:46	5
cis-1,3-Dichloropropene	<2.1		5.0	2.1	ug/L			07/03/17 15:46	5
Dibromochloromethane	<2.4		5.0	2.4	ug/L			07/03/17 15:46	5
Dibromomethane	<1.4		5.0	1.4	ug/L			07/03/17 15:46	5
Dichlorodifluoromethane	<3.4		10	3.4	ug/L			07/03/17 15:46	5
Ethylbenzene	**90**		2.5	0.92	ug/L			07/03/17 15:46	5
Hexachlorobutadiene	<2.2		5.0	2.2	ug/L			07/03/17 15:46	5
Isopropyl ether	<1.4		5.0	1.4	ug/L			07/03/17 15:46	5
Isopropylbenzene	**14**		5.0	1.9	ug/L			07/03/17 15:46	5
Methyl tert-butyl ether	<2.0		5.0	2.0	ug/L			07/03/17 15:46	5
Methylene Chloride	**29**		25	8.2	ug/L			07/03/17 15:46	5
n-Butylbenzene	<1.9		5.0	1.9	ug/L			07/03/17 15:46	5
N-Propylbenzene	<2.1		5.0	2.1	ug/L			07/03/17 15:46	5
p-Isopropyltoluene	<1.8		5.0	1.8	ug/L			07/03/17 15:46	5
sec-Butylbenzene	<2.0		5.0	2.0	ug/L			07/03/17 15:46	5

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Client Sample ID: MW-122

Date Collected: 06/20/17 15:45
Date Received: 06/22/17 10:15

Lab Sample ID: 500-129995-7

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<1.9		5.0	1.9	ug/L			07/03/17 15:46	5
tert-Butylbenzene	<2.0		5.0	2.0	ug/L			07/03/17 15:46	5
Tetrachloroethene	<1.9		5.0	1.9	ug/L			07/03/17 15:46	5
Toluene	**1.9**	**J**	2.5	0.76	ug/L			07/03/17 15:46	5
trans-1,2-Dichloroethene	<1.7		5.0	1.7	ug/L			07/03/17 15:46	5
trans-1,3-Dichloropropene	<1.8		5.0	1.8	ug/L			07/03/17 15:46	5
Trichloroethene	<0.82		2.5	0.82	ug/L			07/03/17 15:46	5
Trichlorofluoromethane	<2.1		5.0	2.1	ug/L			07/03/17 15:46	5
Vinyl chloride	<1.0		2.5	1.0	ug/L			07/03/17 15:46	5
Xylenes, Total	**7.4**		5.0	1.1	ug/L			07/03/17 15:46	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*		*07/03/17 15:46*	*5*
4-Bromofluorobenzene (Surr)	*104*		*72 - 124*		*07/03/17 15:46*	*5*
Dibromofluoromethane	*99*		*75 - 120*		*07/03/17 15:46*	*5*
Toluene-d8 (Surr)	*95*		*75 - 120*		*07/03/17 15:46*	*5*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**2300**		50	17	ug/L			07/03/17 16:15	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*		*07/03/17 16:15*	*50*
4-Bromofluorobenzene (Surr)	*104*		*72 - 124*		*07/03/17 16:15*	*50*
Dibromofluoromethane	*99*		*75 - 120*		*07/03/17 16:15*	*50*
Toluene-d8 (Surr)	*95*		*75 - 120*		*07/03/17 16:15*	*50*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**28**		1.5	0.049	ug/L		06/23/17 07:31	06/24/17 01:19	1
Acenaphthylene	<0.20		0.76	0.20	ug/L		06/23/17 07:31	06/24/17 01:19	1
Anthracene	**4.2**		0.76	0.25	ug/L		06/23/17 07:31	06/24/17 01:19	1
Benzo[a]anthracene	**0.19**		0.15	0.043	ug/L		06/23/17 07:31	06/24/17 01:19	1
Benzo[a]pyrene	**0.18**		0.15	0.075	ug/L		06/23/17 07:31	06/24/17 01:19	1
Benzo[b]fluoranthene	**0.18**		0.15	0.061	ug/L		06/23/17 07:31	06/24/17 01:19	1
Benzo[g,h,i]perylene	<0.28		0.76	0.28	ug/L		06/23/17 07:31	06/24/17 01:19	1
Benzo[k]fluoranthene	<0.048		0.15	0.048	ug/L		06/23/17 07:31	06/24/17 01:19	1
Chrysene	**0.18**		0.15	0.052	ug/L		06/23/17 07:31	06/24/17 01:19	1
Dibenz(a,h)anthracene	<0.038		0.23	0.038	ug/L		06/23/17 07:31	06/24/17 01:19	1
Fluoranthene	**2.1**		0.76	0.34	ug/L		06/23/17 07:31	06/24/17 01:19	1
Fluorene	**33**		0.76	0.18	ug/L		06/23/17 07:31	06/24/17 01:19	1
Indeno[1,2,3-cd]pyrene	**0.14**	**J**	0.15	0.057	ug/L		06/23/17 07:31	06/24/17 01:19	1
Phenanthrene	**28**		0.76	0.23	ug/L		06/23/17 07:31	06/24/17 01:19	1
Pyrene	**1.0**		0.76	0.32	ug/L		06/23/17 07:31	06/24/17 01:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*58*		*34 - 110*	*06/23/17 07:31*	*06/24/17 01:19*	*1*
Nitrobenzene-d5 (Surr)	*91*		*36 - 120*	*06/23/17 07:31*	*06/24/17 01:19*	*1*
Terphenyl-d14 (Surr)	*79*		*40 - 145*	*06/23/17 07:31*	*06/24/17 01:19*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Client Sample ID: MW-122

Lab Sample ID: 500-129995-7

Date Collected: 06/20/17 15:45
Matrix: Water
Date Received: 06/22/17 10:15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	72		7.6	1.1	ug/L		06/23/17 07:31	06/26/17 14:20	5
Acenaphthene	69		3.8	1.2	ug/L		06/23/17 07:31	06/26/17 14:20	5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	1300		19	5.8	ug/L		06/23/17 07:31	06/26/17 14:48	25

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Client Sample ID: MW-115

Date Collected: 06/20/17 16:15
Date Received: 06/22/17 10:15

Lab Sample ID: 500-129995-8

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/03/17 13:49	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/03/17 13:49	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/03/17 13:49	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/03/17 13:49	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/03/17 13:49	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/03/17 13:49	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/03/17 13:49	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/03/17 13:49	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/03/17 13:49	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/03/17 13:49	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/03/17 13:49	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/03/17 13:49	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/03/17 13:49	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/03/17 13:49	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/03/17 13:49	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/03/17 13:49	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/03/17 13:49	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/03/17 13:49	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/03/17 13:49	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/03/17 13:49	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/03/17 13:49	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/03/17 13:49	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/03/17 13:49	1
Benzene	<0.15		0.50	0.15	ug/L			07/03/17 13:49	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/03/17 13:49	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/03/17 13:49	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/03/17 13:49	1
Bromoform	<0.48		1.0	0.48	ug/L			07/03/17 13:49	1
Bromomethane	<0.80	*	2.0	0.80	ug/L			07/03/17 13:49	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/03/17 13:49	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/03/17 13:49	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/03/17 13:49	1
Chloroform	<0.37		2.0	0.37	ug/L			07/03/17 13:49	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/03/17 13:49	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/03/17 13:49	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/03/17 13:49	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/03/17 13:49	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/03/17 13:49	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/03/17 13:49	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/03/17 13:49	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/03/17 13:49	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/03/17 13:49	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/03/17 13:49	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/03/17 13:49	1
Methylene Chloride	**6.9**		5.0	1.6	ug/L			07/03/17 13:49	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/03/17 13:49	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/03/17 13:49	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/03/17 13:49	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/03/17 13:49	1

Client Sample ID: MW-115

Lab Sample ID: 500-129995-8

Date Collected: 06/20/17 16:15
Matrix: Water
Date Received: 06/22/17 10:15

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/17 13:49	1
Styrene	<0.39		1.0	0.39	ug/L			07/03/17 13:49	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/17 13:49	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/03/17 13:49	1
Toluene	<0.15		0.50	0.15	ug/L			07/03/17 13:49	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/03/17 13:49	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/03/17 13:49	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/03/17 13:49	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/03/17 13:49	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/03/17 13:49	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/03/17 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 126*		*07/03/17 13:49*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*		*07/03/17 13:49*	*1*
Dibromofluoromethane	*105*		*75 - 120*		*07/03/17 13:49*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*07/03/17 13:49*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.23**	**J**	1.5	0.23	ug/L		06/23/17 07:31	06/24/17 01:48	1
2-Methylnaphthalene	**0.25**	**J**	1.5	0.049	ug/L		06/23/17 07:31	06/24/17 01:48	1
Acenaphthene	<0.23		0.76	0.23	ug/L		06/23/17 07:31	06/24/17 01:48	1
Acenaphthylene	<0.20		0.76	0.20	ug/L		06/23/17 07:31	06/24/17 01:48	1
Anthracene	<0.25		0.76	0.25	ug/L		06/23/17 07:31	06/24/17 01:48	1
Benzo[a]anthracene	**0.14**	**J**	0.15	0.043	ug/L		06/23/17 07:31	06/24/17 01:48	1
Benzo[a]pyrene	**0.11**	**J**	0.15	0.075	ug/L		06/23/17 07:31	06/24/17 01:48	1
Benzo[b]fluoranthene	**0.14**	**J**	0.15	0.061	ug/L		06/23/17 07:31	06/24/17 01:48	1
Benzo[g,h,i]perylene	<0.28		0.76	0.28	ug/L		06/23/17 07:31	06/24/17 01:48	1
Benzo[k]fluoranthene	**0.052**	**J**	0.15	0.049	ug/L		06/23/17 07:31	06/24/17 01:48	1
Chrysene	**0.21**		0.15	0.052	ug/L		06/23/17 07:31	06/24/17 01:48	1
Dibenz(a,h)anthracene	<0.039		0.23	0.039	ug/L		06/23/17 07:31	06/24/17 01:48	1
Fluoranthene	<0.34		0.76	0.34	ug/L		06/23/17 07:31	06/24/17 01:48	1
Fluorene	<0.18		0.76	0.18	ug/L		06/23/17 07:31	06/24/17 01:48	1
Indeno[1,2,3-cd]pyrene	**0.064**	**J**	0.15	0.057	ug/L		06/23/17 07:31	06/24/17 01:48	1
Naphthalene	**2.6**		0.76	0.23	ug/L		06/23/17 07:31	06/24/17 01:48	1
Phenanthrene	<0.23		0.76	0.23	ug/L		06/23/17 07:31	06/24/17 01:48	1
Pyrene	<0.32		0.76	0.32	ug/L		06/23/17 07:31	06/24/17 01:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*61*		*34 - 110*	*06/23/17 07:31*	*06/24/17 01:48*	*1*
Nitrobenzene-d5 (Surr)	*73*		*36 - 120*	*06/23/17 07:31*	*06/24/17 01:48*	*1*
Terphenyl-d14 (Surr)	*81*		*40 - 145*	*06/23/17 07:31*	*06/24/17 01:48*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Client Sample ID: MW-105

Date Collected: 06/20/17 16:35
Date Received: 06/22/17 10:15

Lab Sample ID: 500-129995-9

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/03/17 14:18	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/03/17 14:18	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/03/17 14:18	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/03/17 14:18	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/03/17 14:18	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/03/17 14:18	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/03/17 14:18	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/03/17 14:18	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/03/17 14:18	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/03/17 14:18	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/03/17 14:18	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/03/17 14:18	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/03/17 14:18	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/03/17 14:18	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/03/17 14:18	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/03/17 14:18	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/03/17 14:18	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/03/17 14:18	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/03/17 14:18	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/03/17 14:18	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/03/17 14:18	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/03/17 14:18	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/03/17 14:18	1
Benzene	<0.15		0.50	0.15	ug/L			07/03/17 14:18	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/03/17 14:18	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/03/17 14:18	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/03/17 14:18	1
Bromoform	<0.48		1.0	0.48	ug/L			07/03/17 14:18	1
Bromomethane	<0.80	*	2.0	0.80	ug/L			07/03/17 14:18	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/03/17 14:18	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/03/17 14:18	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/03/17 14:18	1
Chloroform	<0.37		2.0	0.37	ug/L			07/03/17 14:18	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/03/17 14:18	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/03/17 14:18	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/03/17 14:18	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/03/17 14:18	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/03/17 14:18	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/03/17 14:18	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/03/17 14:18	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/03/17 14:18	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/03/17 14:18	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/03/17 14:18	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/03/17 14:18	1
Methylene Chloride	**6.3**		5.0	1.6	ug/L			07/03/17 14:18	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/03/17 14:18	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/03/17 14:18	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/03/17 14:18	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/03/17 14:18	1

Client Sample ID: MW-105

Date Collected: 06/20/17 16:35
Date Received: 06/22/17 10:15

Lab Sample ID: 500-129995-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/17 14:18	1
Styrene	<0.39		1.0	0.39	ug/L			07/03/17 14:18	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/17 14:18	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/03/17 14:18	1
Toluene	<0.15		0.50	0.15	ug/L			07/03/17 14:18	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/03/17 14:18	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/03/17 14:18	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/03/17 14:18	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/03/17 14:18	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/03/17 14:18	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/03/17 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*		*07/03/17 14:18*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*		*07/03/17 14:18*	*1*
Dibromofluoromethane	*98*		*75 - 120*		*07/03/17 14:18*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*07/03/17 14:18*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.23		1.5	0.23	ug/L		06/23/17 07:31	06/24/17 02:17	1
2-Methylnaphthalene	**0.28**	**J**	1.5	0.050	ug/L		06/23/17 07:31	06/24/17 02:17	1
Acenaphthene	<0.23		0.76	0.23	ug/L		06/23/17 07:31	06/24/17 02:17	1
Acenaphthylene	<0.20		0.76	0.20	ug/L		06/23/17 07:31	06/24/17 02:17	1
Anthracene	<0.25		0.76	0.25	ug/L		06/23/17 07:31	06/24/17 02:17	1
Benzo[a]anthracene	<0.043		0.15	0.043	ug/L		06/23/17 07:31	06/24/17 02:17	1
Benzo[a]pyrene	<0.075		0.15	0.075	ug/L		06/23/17 07:31	06/24/17 02:17	1
Benzo[b]fluoranthene	<0.061		0.15	0.061	ug/L		06/23/17 07:31	06/24/17 02:17	1
Benzo[g,h,i]perylene	<0.29		0.76	0.29	ug/L		06/23/17 07:31	06/24/17 02:17	1
Benzo[k]fluoranthene	<0.049		0.15	0.049	ug/L		06/23/17 07:31	06/24/17 02:17	1
Chrysene	<0.052		0.15	0.052	ug/L		06/23/17 07:31	06/24/17 02:17	1
Dibenz(a,h)anthracene	<0.039		0.23	0.039	ug/L		06/23/17 07:31	06/24/17 02:17	1
Fluoranthene	<0.35		0.76	0.35	ug/L		06/23/17 07:31	06/24/17 02:17	1
Fluorene	<0.19		0.76	0.19	ug/L		06/23/17 07:31	06/24/17 02:17	1
Indeno[1,2,3-cd]pyrene	<0.057		0.15	0.057	ug/L		06/23/17 07:31	06/24/17 02:17	1
Naphthalene	**0.27**	**J**	0.76	0.23	ug/L		06/23/17 07:31	06/24/17 02:17	1
Phenanthrene	<0.23		0.76	0.23	ug/L		06/23/17 07:31	06/24/17 02:17	1
Pyrene	<0.32		0.76	0.32	ug/L		06/23/17 07:31	06/24/17 02:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*66*		*34 - 110*	*06/23/17 07:31*	*06/24/17 02:17*	*1*
Nitrobenzene-d5 (Surr)	*76*		*36 - 120*	*06/23/17 07:31*	*06/24/17 02:17*	*1*
Terphenyl-d14 (Surr)	*93*		*40 - 145*	*06/23/17 07:31*	*06/24/17 02:17*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Client Sample ID: TB-2

Date Collected: 06/20/17 00:00
Date Received: 06/22/17 10:15

Lab Sample ID: 500-129995-10

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/03/17 11:22	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/03/17 11:22	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/03/17 11:22	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/03/17 11:22	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/03/17 11:22	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/03/17 11:22	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/03/17 11:22	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/03/17 11:22	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/03/17 11:22	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/03/17 11:22	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/03/17 11:22	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/03/17 11:22	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/03/17 11:22	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/03/17 11:22	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/03/17 11:22	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/03/17 11:22	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/03/17 11:22	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/03/17 11:22	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/03/17 11:22	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/03/17 11:22	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/03/17 11:22	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/03/17 11:22	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/03/17 11:22	1
Benzene	<0.15		0.50	0.15	ug/L			07/03/17 11:22	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/03/17 11:22	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/03/17 11:22	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/03/17 11:22	1
Bromoform	<0.48		1.0	0.48	ug/L			07/03/17 11:22	1
Bromomethane	<0.80	*	2.0	0.80	ug/L			07/03/17 11:22	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/03/17 11:22	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/03/17 11:22	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/03/17 11:22	1
Chloroform	<0.37		2.0	0.37	ug/L			07/03/17 11:22	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/03/17 11:22	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/03/17 11:22	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/03/17 11:22	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/03/17 11:22	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/03/17 11:22	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/03/17 11:22	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/03/17 11:22	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/03/17 11:22	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/03/17 11:22	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/03/17 11:22	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/03/17 11:22	1
Methylene Chloride	**6.8**		5.0	1.6	ug/L			07/03/17 11:22	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/03/17 11:22	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/03/17 11:22	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/03/17 11:22	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/03/17 11:22	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Client Sample ID: TB-2

Date Collected: 06/20/17 00:00
Date Received: 06/22/17 10:15

Lab Sample ID: 500-129995-10

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/17 11:22	1
Styrene	<0.39		1.0	0.39	ug/L			07/03/17 11:22	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/17 11:22	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/03/17 11:22	1
Toluene	<0.15		0.50	0.15	ug/L			07/03/17 11:22	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/03/17 11:22	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/03/17 11:22	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/03/17 11:22	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/03/17 11:22	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/03/17 11:22	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/03/17 11:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*		*07/03/17 11:22*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*		*07/03/17 11:22*	*1*
Dibromofluoromethane	*97*		*75 - 120*		*07/03/17 11:22*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*07/03/17 11:22*	*1*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

GC/MS VOA

Analysis Batch: 391572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-129995-1	MW-134	Total/NA	Water	8260B	
500-129995-1 - DL	MW-134	Total/NA	Water	8260B	
MB 500-391572/6	Method Blank	Total/NA	Water	8260B	
LCS 500-391572/4	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 391655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-129995-2	MW-112	Total/NA	Water	8260B	
500-129995-3	MW-118	Total/NA	Water	8260B	
500-129995-4	MW-101	Total/NA	Water	8260B	
500-129995-5	MW-101 DUP	Total/NA	Water	8260B	
500-129995-6	MW-107	Total/NA	Water	8260B	
500-129995-6 - DL	MW-107	Total/NA	Water	8260B	
500-129995-7	MW-122	Total/NA	Water	8260B	
500-129995-7 - DL	MW-122	Total/NA	Water	8260B	
500-129995-8	MW-115	Total/NA	Water	8260B	
500-129995-9	MW-105	Total/NA	Water	8260B	
500-129995-10	TB-2	Total/NA	Water	8260B	
MB 500-391655/28	Method Blank	Total/NA	Water	8260B	
LCS 500-391655/5	Lab Control Sample	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 390593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-129995-1	MW-134	Total/NA	Water	3510C	
500-129995-2	MW-112	Total/NA	Water	3510C	
500-129995-3	MW-118	Total/NA	Water	3510C	
500-129995-4	MW-101	Total/NA	Water	3510C	
500-129995-5	MW-101 DUP	Total/NA	Water	3510C	
500-129995-6	MW-107	Total/NA	Water	3510C	
500-129995-6 - DL	MW-107	Total/NA	Water	3510C	
500-129995-6 - DL2	MW-107	Total/NA	Water	3510C	
500-129995-7	MW-122	Total/NA	Water	3510C	
500-129995-7 - DL	MW-122	Total/NA	Water	3510C	
500-129995-7 - DL2	MW-122	Total/NA	Water	3510C	
500-129995-8	MW-115	Total/NA	Water	3510C	
500-129995-9	MW-105	Total/NA	Water	3510C	
MB 500-390593/1-A	Method Blank	Total/NA	Water	3510C	
LCS 500-390593/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 500-390593/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 390691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-129995-1	MW-134	Total/NA	Water	8270D	390593
500-129995-2	MW-112	Total/NA	Water	8270D	390593
500-129995-3	MW-118	Total/NA	Water	8270D	390593
500-129995-4	MW-101	Total/NA	Water	8270D	390593
500-129995-5	MW-101 DUP	Total/NA	Water	8270D	390593
500-129995-6	MW-107	Total/NA	Water	8270D	390593

GC/MS Semi VOA (Continued)

Analysis Batch: 390691 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-129995-7	MW-122	Total/NA	Water	8270D	390593
500-129995-8	MW-115	Total/NA	Water	8270D	390593
500-129995-9	MW-105	Total/NA	Water	8270D	390593
MB 500-390593/1-A	Method Blank	Total/NA	Water	8270D	390593
LCS 500-390593/2-A	Lab Control Sample	Total/NA	Water	8270D	390593
LCSD 500-390593/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	390593

Analysis Batch: 390866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-129995-6 - DL	MW-107	Total/NA	Water	8270D	390593
500-129995-7 - DL	MW-122	Total/NA	Water	8270D	390593
500-129995-7 - DL2	MW-122	Total/NA	Water	8270D	390593

Analysis Batch: 391012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-129995-6 - DL2	MW-107	Total/NA	Water	8270D	390593

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-129995-1	MW-134	97	93	93	98
500-129995-1 - DL	MW-134	100	96	95	98
500-129995-2	MW-112	95	99	93	96
500-129995-3	MW-118	94	99	94	96
500-129995-4	MW-101	100	104	98	96
500-129995-5	MW-101 DUP	104	103	100	94
500-129995-6	MW-107	96	99	93	95
500-129995-6 - DL	MW-107	104	100	99	93
500-129995-7	MW-122	103	104	99	95
500-129995-7 - DL	MW-122	102	104	99	95
500-129995-8	MW-115	108	103	105	93
500-129995-9	MW-105	103	105	98	94
500-129995-10	TB-2	102	105	97	95
LCS 500-391572/4	Lab Control Sample	96	99	91	99
LCS 500-391655/5	Lab Control Sample	92	98	88	99
MB 500-391572/6	Method Blank	101	100	95	98
MB 500-391655/28	Method Blank	98	96	96	96

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPH
Lab Sample ID	Client Sample ID	(34-110)	(36-120)	(40-145)
500-129995-1	MW-134	0 D	0 D	0 D
500-129995-2	MW-112	57	68	92
500-129995-3	MW-118	64	73	88
500-129995-4	MW-101	56	60	85
500-129995-5	MW-101 DUP	50	58	69
500-129995-6	MW-107	72	208 X	103
500-129995-6 - DL	MW-107	0 D	0 D	0 D
500-129995-6 - DL2	MW-107	0 D	0 D	0 D
500-129995-7	MW-122	58	91	79
500-129995-7 - DL	MW-122	59	73	85
500-129995-7 - DL2	MW-122	0 D	0 D	0 D
500-129995-8	MW-115	61	73	81
500-129995-9	MW-105	66	76	93
LCS 500-390593/2-A	Lab Control Sample	74	83	98
LCSD 500-390593/3-A	Lab Control Sample Dup	65	77	92
MB 500-390593/1-A	Method Blank	70	79	91

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

TPH = Terphenyl-d14 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-391572/6
Matrix: Water
Analysis Batch: 391572

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/01/17 12:00	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/01/17 12:00	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/01/17 12:00	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/01/17 12:00	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/01/17 12:00	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/01/17 12:00	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/01/17 12:00	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/01/17 12:00	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/01/17 12:00	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/01/17 12:00	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/01/17 12:00	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/01/17 12:00	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/01/17 12:00	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/01/17 12:00	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/01/17 12:00	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/01/17 12:00	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/01/17 12:00	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/01/17 12:00	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/01/17 12:00	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/01/17 12:00	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/01/17 12:00	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/01/17 12:00	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/01/17 12:00	1
Benzene	<0.15		0.50	0.15	ug/L			07/01/17 12:00	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/01/17 12:00	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/01/17 12:00	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/01/17 12:00	1
Bromoform	<0.48		1.0	0.48	ug/L			07/01/17 12:00	1
Bromomethane	<0.80		2.0	0.80	ug/L			07/01/17 12:00	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/01/17 12:00	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/01/17 12:00	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/01/17 12:00	1
Chloroform	<0.37		2.0	0.37	ug/L			07/01/17 12:00	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/01/17 12:00	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/01/17 12:00	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/01/17 12:00	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/01/17 12:00	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/01/17 12:00	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/01/17 12:00	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/01/17 12:00	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/01/17 12:00	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/01/17 12:00	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/01/17 12:00	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/01/17 12:00	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/01/17 12:00	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/01/17 12:00	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/01/17 12:00	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/01/17 12:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-391572/6
Matrix: Water
Analysis Batch: 391572

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/01/17 12:00	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/17 12:00	1
Styrene	<0.39		1.0	0.39	ug/L			07/01/17 12:00	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/17 12:00	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/01/17 12:00	1
Toluene	<0.15		0.50	0.15	ug/L			07/01/17 12:00	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/01/17 12:00	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/01/17 12:00	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/01/17 12:00	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/01/17 12:00	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/01/17 12:00	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/01/17 12:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*		*07/01/17 12:00*	*1*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*		*07/01/17 12:00*	*1*
Dibromofluoromethane	*95*		*75 - 120*		*07/01/17 12:00*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*07/01/17 12:00*	*1*

Lab Sample ID: LCS 500-391572/4
Matrix: Water
Analysis Batch: 391572

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	49.4		ug/L		99	70 - 125
1,1,1-Trichloroethane	50.0	45.6		ug/L		91	70 - 125
1,1,2,2-Tetrachloroethane	50.0	55.6		ug/L		111	67 - 127
1,1,2-Trichloroethane	50.0	50.9		ug/L		102	70 - 122
1,1-Dichloroethane	50.0	53.3		ug/L		107	70 - 125
1,1-Dichloroethene	50.0	49.9		ug/L		100	67 - 122
1,1-Dichloropropene	50.0	50.2		ug/L		100	70 - 121
1,2,3-Trichlorobenzene	50.0	42.4		ug/L		85	55 - 140
1,2,3-Trichloropropane	50.0	51.1		ug/L		102	50 - 133
1,2,4-Trichlorobenzene	50.0	41.8		ug/L		84	66 - 127
1,2,4-Trimethylbenzene	50.0	53.8		ug/L		108	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	45.1		ug/L		90	56 - 123
1,2-Dibromoethane	50.0	50.4		ug/L		101	70 - 125
1,2-Dichlorobenzene	50.0	51.1		ug/L		102	70 - 125
1,2-Dichloroethane	50.0	49.0		ug/L		98	68 - 127
1,2-Dichloropropane	50.0	57.5		ug/L		115	67 - 130
1,3,5-Trimethylbenzene	50.0	53.2		ug/L		106	70 - 123
1,3-Dichlorobenzene	50.0	51.7		ug/L		103	70 - 125
1,3-Dichloropropane	50.0	54.5		ug/L		109	62 - 136
1,4-Dichlorobenzene	50.0	51.0		ug/L		102	70 - 120
2,2-Dichloropropane	50.0	39.5		ug/L		79	58 - 129
2-Chlorotoluene	50.0	54.3		ug/L		109	70 - 125
4-Chlorotoluene	50.0	53.3		ug/L		107	68 - 124
Benzene	50.0	48.5		ug/L		97	70 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-391572/4
Matrix: Water
Analysis Batch: 391572

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	50.0	50.7		ug/L		101	70 - 122
Bromochloromethane	50.0	46.4		ug/L		93	65 - 122
Bromodichloromethane	50.0	45.9		ug/L		92	69 - 120
Bromoform	50.0	51.9		ug/L		104	56 - 132
Bromomethane	50.0	71.2	*	ug/L		142	40 - 130
Carbon tetrachloride	50.0	47.1		ug/L		94	65 - 122
Chlorobenzene	50.0	49.9		ug/L		100	70 - 120
Chloroethane	50.0	52.6		ug/L		105	45 - 127
Chloroform	50.0	47.0		ug/L		94	70 - 120
Chloromethane	50.0	36.5		ug/L		73	54 - 147
cis-1,2-Dichloroethene	50.0	47.7		ug/L		95	70 - 125
cis-1,3-Dichloropropene	50.0	48.7		ug/L		97	64 - 127
Dibromochloromethane	50.0	49.1		ug/L		98	68 - 125
Dibromomethane	50.0	48.6		ug/L		97	70 - 120
Dichlorodifluoromethane	50.0	21.2		ug/L		42	40 - 150
Ethylbenzene	50.0	49.9		ug/L		100	70 - 120
Hexachlorobutadiene	50.0	50.3		ug/L		101	51 - 150
Isopropylbenzene	50.0	54.4		ug/L		109	70 - 126
Methyl tert-butyl ether	50.0	36.7		ug/L		73	70 - 120
Methylene Chloride	50.0	47.4		ug/L		95	69 - 125
Naphthalene	50.0	37.7		ug/L		75	59 - 130
n-Butylbenzene	50.0	53.1		ug/L		106	68 - 125
N-Propylbenzene	50.0	54.9		ug/L		110	69 - 127
p-Isopropyltoluene	50.0	51.9		ug/L		104	70 - 125
sec-Butylbenzene	50.0	53.9		ug/L		108	70 - 123
Styrene	50.0	50.4		ug/L		101	70 - 120
tert-Butylbenzene	50.0	52.7		ug/L		105	70 - 121
Tetrachloroethene	50.0	51.1		ug/L		102	70 - 128
Toluene	50.0	49.5		ug/L		99	70 - 125
trans-1,2-Dichloroethene	50.0	49.1		ug/L		98	70 - 125
trans-1,3-Dichloropropene	50.0	48.1		ug/L		96	62 - 128
Trichloroethene	50.0	47.4		ug/L		95	70 - 125
Trichlorofluoromethane	50.0	43.8		ug/L		88	70 - 126
Vinyl chloride	50.0	46.0		ug/L		92	64 - 126
Xylenes, Total	100	98.7		ug/L		99	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 126*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*
Dibromofluoromethane	*91*		*75 - 120*
Toluene-d8 (Surr)	*99*		*75 - 120*

Lab Sample ID: MB 500-391655/28
Matrix: Water
Analysis Batch: 391655

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/03/17 10:39	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-391655/28
Matrix: Water
Analysis Batch: 391655

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/03/17 10:39	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/03/17 10:39	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/03/17 10:39	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/03/17 10:39	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/03/17 10:39	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/03/17 10:39	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/03/17 10:39	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/03/17 10:39	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/03/17 10:39	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/03/17 10:39	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/03/17 10:39	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/03/17 10:39	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/03/17 10:39	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/03/17 10:39	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/03/17 10:39	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/03/17 10:39	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/03/17 10:39	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/03/17 10:39	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/03/17 10:39	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/03/17 10:39	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/03/17 10:39	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/03/17 10:39	1
Benzene	<0.15		0.50	0.15	ug/L			07/03/17 10:39	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/03/17 10:39	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/03/17 10:39	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/03/17 10:39	1
Bromoform	<0.48		1.0	0.48	ug/L			07/03/17 10:39	1
Bromomethane	<0.80		2.0	0.80	ug/L			07/03/17 10:39	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/03/17 10:39	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/03/17 10:39	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/03/17 10:39	1
Chloroform	<0.37		2.0	0.37	ug/L			07/03/17 10:39	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/03/17 10:39	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/03/17 10:39	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/03/17 10:39	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/03/17 10:39	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/03/17 10:39	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/03/17 10:39	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/03/17 10:39	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/03/17 10:39	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/03/17 10:39	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/03/17 10:39	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/03/17 10:39	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/03/17 10:39	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/03/17 10:39	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/03/17 10:39	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/03/17 10:39	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/03/17 10:39	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-391655/28
Matrix: Water
Analysis Batch: 391655

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/17 10:39	1
Styrene	<0.39		1.0	0.39	ug/L			07/03/17 10:39	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/17 10:39	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/03/17 10:39	1
Toluene	<0.15		0.50	0.15	ug/L			07/03/17 10:39	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/03/17 10:39	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/03/17 10:39	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/03/17 10:39	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/03/17 10:39	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/03/17 10:39	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/03/17 10:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*07/03/17 10:39*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*		*07/03/17 10:39*	*1*
Dibromofluoromethane	*96*		*75 - 120*		*07/03/17 10:39*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*07/03/17 10:39*	*1*

Lab Sample ID: LCS 500-391655/5
Matrix: Water
Analysis Batch: 391655

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	49.2		ug/L		98	70 - 125
1,1,1-Trichloroethane	50.0	43.4		ug/L		87	70 - 125
1,1,2,2-Tetrachloroethane	50.0	58.5		ug/L		117	67 - 127
1,1,2-Trichloroethane	50.0	53.6		ug/L		107	70 - 122
1,1-Dichloroethane	50.0	49.2		ug/L		98	70 - 125
1,1-Dichloroethene	50.0	49.0		ug/L		98	67 - 122
1,1-Dichloropropene	50.0	48.5		ug/L		97	70 - 121
1,2,3-Trichlorobenzene	50.0	42.1		ug/L		84	55 - 140
1,2,3-Trichloropropane	50.0	52.1		ug/L		104	50 - 133
1,2,4-Trichlorobenzene	50.0	41.1		ug/L		82	66 - 127
1,2,4-Trimethylbenzene	50.0	51.5		ug/L		103	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	45.8		ug/L		92	56 - 123
1,2-Dibromoethane	50.0	53.6		ug/L		107	70 - 125
1,2-Dichlorobenzene	50.0	50.9		ug/L		102	70 - 125
1,2-Dichloroethane	50.0	45.0		ug/L		90	68 - 127
1,2-Dichloropropane	50.0	52.5		ug/L		105	67 - 130
1,3,5-Trimethylbenzene	50.0	51.4		ug/L		103	70 - 123
1,3-Dichlorobenzene	50.0	50.6		ug/L		101	70 - 125
1,3-Dichloropropane	50.0	56.5		ug/L		113	62 - 136
1,4-Dichlorobenzene	50.0	50.9		ug/L		102	70 - 120
2,2-Dichloropropane	50.0	37.7		ug/L		75	58 - 129
2-Chlorotoluene	50.0	52.2		ug/L		104	70 - 125
4-Chlorotoluene	50.0	51.6		ug/L		103	68 - 124
Benzene	50.0	48.0		ug/L		96	70 - 120
Bromobenzene	50.0	51.1		ug/L		102	70 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-391655/5
Matrix: Water
Analysis Batch: 391655

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromochloromethane	50.0	47.4		ug/L		95	65 - 122
Bromodichloromethane	50.0	44.6		ug/L		89	69 - 120
Bromoform	50.0	55.6		ug/L		111	56 - 132
Bromomethane	50.0	85.3	*	ug/L		171	40 - 130
Carbon tetrachloride	50.0	43.0		ug/L		86	65 - 122
Chlorobenzene	50.0	49.4		ug/L		99	70 - 120
Chloroethane	50.0	57.7		ug/L		115	45 - 127
Chloroform	50.0	45.2		ug/L		90	70 - 120
Chloromethane	50.0	40.4		ug/L		81	54 - 147
cis-1,2-Dichloroethene	50.0	47.4		ug/L		95	70 - 125
cis-1,3-Dichloropropene	50.0	48.1		ug/L		96	64 - 127
Dibromochloromethane	50.0	49.5		ug/L		99	68 - 125
Dibromomethane	50.0	49.7		ug/L		99	70 - 120
Dichlorodifluoromethane	50.0	42.3		ug/L		85	40 - 150
Ethylbenzene	50.0	48.8		ug/L		98	70 - 120
Hexachlorobutadiene	50.0	48.1		ug/L		96	51 - 150
Isopropylbenzene	50.0	52.1		ug/L		104	70 - 126
Methyl tert-butyl ether	50.0	39.7		ug/L		79	70 - 120
Methylene Chloride	50.0	47.5		ug/L		95	69 - 125
Naphthalene	50.0	38.0		ug/L		76	59 - 130
n-Butylbenzene	50.0	50.9		ug/L		102	68 - 125
N-Propylbenzene	50.0	52.8		ug/L		106	69 - 127
p-Isopropyltoluene	50.0	49.5		ug/L		99	70 - 125
sec-Butylbenzene	50.0	52.5		ug/L		105	70 - 123
Styrene	50.0	50.3		ug/L		101	70 - 120
tert-Butylbenzene	50.0	50.2		ug/L		100	70 - 121
Tetrachloroethene	50.0	50.8		ug/L		102	70 - 128
Toluene	50.0	49.4		ug/L		99	70 - 125
trans-1,2-Dichloroethene	50.0	49.0		ug/L		98	70 - 125
trans-1,3-Dichloropropene	50.0	48.5		ug/L		97	62 - 128
Trichloroethene	50.0	46.6		ug/L		93	70 - 125
Trichlorofluoromethane	50.0	45.7		ug/L		91	70 - 126
Vinyl chloride	50.0	55.2		ug/L		110	64 - 126
Xylenes, Total	100	96.2		ug/L		96	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*
Dibromofluoromethane	*88*		*75 - 120*
Toluene-d8 (Surr)	*99*		*75 - 120*

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-390593/1-A
Matrix: Water
Analysis Batch: 390691

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 390593

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.24		1.6	0.24	ug/L		06/23/17 07:31	06/23/17 20:28	1
2-Methylnaphthalene	<0.052		1.6	0.052	ug/L		06/23/17 07:31	06/23/17 20:28	1
Acenaphthene	<0.25		0.80	0.25	ug/L		06/23/17 07:31	06/23/17 20:28	1
Acenaphthylene	<0.21		0.80	0.21	ug/L		06/23/17 07:31	06/23/17 20:28	1
Anthracene	<0.27		0.80	0.27	ug/L		06/23/17 07:31	06/23/17 20:28	1
Benzo[a]anthracene	<0.045		0.16	0.045	ug/L		06/23/17 07:31	06/23/17 20:28	1
Benzo[a]pyrene	<0.079		0.16	0.079	ug/L		06/23/17 07:31	06/23/17 20:28	1
Benzo[b]fluoranthene	<0.065		0.16	0.065	ug/L		06/23/17 07:31	06/23/17 20:28	1
Benzo[g,h,i]perylene	<0.30		0.80	0.30	ug/L		06/23/17 07:31	06/23/17 20:28	1
Benzo[k]fluoranthene	<0.051		0.16	0.051	ug/L		06/23/17 07:31	06/23/17 20:28	1
Chrysene	<0.055		0.16	0.055	ug/L		06/23/17 07:31	06/23/17 20:28	1
Dibenz(a,h)anthracene	<0.041		0.24	0.041	ug/L		06/23/17 07:31	06/23/17 20:28	1
Fluoranthene	<0.36		0.80	0.36	ug/L		06/23/17 07:31	06/23/17 20:28	1
Fluorene	<0.20		0.80	0.20	ug/L		06/23/17 07:31	06/23/17 20:28	1
Indeno[1,2,3-cd]pyrene	<0.060		0.16	0.060	ug/L		06/23/17 07:31	06/23/17 20:28	1
Naphthalene	<0.25		0.80	0.25	ug/L		06/23/17 07:31	06/23/17 20:28	1
Phenanthrene	<0.24		0.80	0.24	ug/L		06/23/17 07:31	06/23/17 20:28	1
Pyrene	<0.34		0.80	0.34	ug/L		06/23/17 07:31	06/23/17 20:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*34 - 110*	*06/23/17 07:31*	*06/23/17 20:28*	*1*
Nitrobenzene-d5 (Surr)	*79*		*36 - 120*	*06/23/17 07:31*	*06/23/17 20:28*	*1*
Terphenyl-d14 (Surr)	*91*		*40 - 145*	*06/23/17 07:31*	*06/23/17 20:28*	*1*

Lab Sample ID: LCS 500-390593/2-A
Matrix: Water
Analysis Batch: 390691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 390593

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1-Methylnaphthalene	32.0	22.0		ug/L		69	38 - 110
2-Methylnaphthalene	32.0	21.4		ug/L		67	34 - 110
Acenaphthene	32.0	24.4		ug/L		76	46 - 110
Acenaphthylene	32.0	25.3		ug/L		79	47 - 110
Anthracene	32.0	27.2		ug/L		85	67 - 110
Benzo[a]anthracene	32.0	30.0		ug/L		94	70 - 120
Benzo[a]pyrene	32.0	29.2		ug/L		91	70 - 120
Benzo[b]fluoranthene	32.0	28.5		ug/L		89	69 - 123
Benzo[g,h,i]perylene	32.0	29.4		ug/L		92	70 - 120
Benzo[k]fluoranthene	32.0	27.5		ug/L		86	70 - 120
Chrysene	32.0	29.1		ug/L		91	68 - 120
Dibenz(a,h)anthracene	32.0	29.6		ug/L		92	70 - 127
Fluoranthene	32.0	28.4		ug/L		89	68 - 120
Fluorene	32.0	26.2		ug/L		82	53 - 120
Indeno[1,2,3-cd]pyrene	32.0	29.4		ug/L		92	65 - 133
Naphthalene	32.0	20.8		ug/L		65	36 - 110
Phenanthrene	32.0	27.5		ug/L		86	65 - 120
Pyrene	32.0	28.7		ug/L		90	70 - 110

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-390593/2-A
Matrix: Water
Analysis Batch: 390691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 390593

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*74*		*34 - 110*
Nitrobenzene-d5 (Surr)	*83*		*36 - 120*
Terphenyl-d14 (Surr)	*98*		*40 - 145*

Lab Sample ID: LCSD 500-390593/3-A
Matrix: Water
Analysis Batch: 390691

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 390593

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1-Methylnaphthalene			32.0	21.6		ug/L		68	38 - 110	2	20
2-Methylnaphthalene			32.0	21.3		ug/L		67	34 - 110	0	20
Acenaphthene			32.0	23.0		ug/L		72	46 - 110	6	20
Acenaphthylene			32.0	23.7		ug/L		74	47 - 110	7	20
Anthracene			32.0	26.6		ug/L		83	67 - 110	2	20
Benzo[a]anthracene			32.0	28.7		ug/L		90	70 - 120	4	20
Benzo[a]pyrene			32.0	28.0		ug/L		88	70 - 120	4	20
Benzo[b]fluoranthene			32.0	28.0		ug/L		88	69 - 123	2	20
Benzo[g,h,i]perylene			32.0	28.5		ug/L		89	70 - 120	3	20
Benzo[k]fluoranthene			32.0	26.1		ug/L		82	70 - 120	5	20
Chrysene			32.0	28.4		ug/L		89	68 - 120	3	20
Dibenz(a,h)anthracene			32.0	28.8		ug/L		90	70 - 127	3	20
Fluoranthene			32.0	27.7		ug/L		86	68 - 120	3	20
Fluorene			32.0	24.4		ug/L		76	53 - 120	7	20
Indeno[1,2,3-cd]pyrene			32.0	28.6		ug/L		89	65 - 133	3	20
Naphthalene			32.0	20.8		ug/L		65	36 - 110	0	20
Phenanthrene			32.0	26.0		ug/L		81	65 - 120	6	20
Pyrene			32.0	27.7		ug/L		87	70 - 110	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*65*		*34 - 110*
Nitrobenzene-d5 (Surr)	*77*		*36 - 120*
Terphenyl-d14 (Surr)	*92*		*40 - 145*

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Client Sample ID: MW-134 — Lab Sample ID: 500-129995-1

Date Collected: 06/20/17 10:20 — **Matrix: Water**
Date Received: 06/22/17 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	391572	07/01/17 12:40	PJH	TAL CHI
Total/NA	Analysis	8260B	DL	20	391572	07/01/17 13:10	PJH	TAL CHI
Total/NA	Prep	3510C			390593	06/23/17 07:31	NRJ	TAL CHI
Total/NA	Analysis	8270D		50	390691	06/24/17 03:15	GES	TAL CHI

Client Sample ID: MW-112 — Lab Sample ID: 500-129995-2

Date Collected: 06/20/17 11:15 — **Matrix: Water**
Date Received: 06/22/17 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	391655	07/03/17 11:51	PMF	TAL CHI
Total/NA	Prep	3510C			390593	06/23/17 07:31	NRJ	TAL CHI
Total/NA	Analysis	8270D		1	390691	06/23/17 23:23	GES	TAL CHI

Client Sample ID: MW-118 — Lab Sample ID: 500-129995-3

Date Collected: 06/20/17 11:35 — **Matrix: Water**
Date Received: 06/22/17 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	391655	07/03/17 12:21	PMF	TAL CHI
Total/NA	Prep	3510C			390593	06/23/17 07:31	NRJ	TAL CHI
Total/NA	Analysis	8270D		1	390691	06/23/17 23:52	GES	TAL CHI

Client Sample ID: MW-101 — Lab Sample ID: 500-129995-4

Date Collected: 06/20/17 13:35 — **Matrix: Water**
Date Received: 06/22/17 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	391655	07/03/17 12:50	PMF	TAL CHI
Total/NA	Prep	3510C			390593	06/23/17 07:31	NRJ	TAL CHI
Total/NA	Analysis	8270D		1	390691	06/24/17 00:21	GES	TAL CHI

Client Sample ID: MW-101 DUP — Lab Sample ID: 500-129995-5

Date Collected: 06/20/17 13:40 — **Matrix: Water**
Date Received: 06/22/17 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	391655	07/03/17 13:19	PMF	TAL CHI
Total/NA	Prep	3510C			390593	06/23/17 07:31	NRJ	TAL CHI
Total/NA	Analysis	8270D		1	390691	06/24/17 00:50	GES	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Client Sample ID: MW-107 — Lab Sample ID: 500-129995-6

Date Collected: 06/20/17 15:00 — **Matrix: Water**
Date Received: 06/22/17 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	391655	07/03/17 14:47	PMF	TAL CHI
Total/NA	Analysis	8260B	DL	100	391655	07/03/17 15:16	PMF	TAL CHI
Total/NA	Prep	3510C			390593	06/23/17 07:31	NRJ	TAL CHI
Total/NA	Analysis	8270D		5	390691	06/24/17 02:46	GES	TAL CHI
Total/NA	Prep	3510C	DL		390593	06/23/17 07:31	NRJ	TAL CHI
Total/NA	Analysis	8270D	DL	50	390866	06/26/17 13:26	AJD	TAL CHI
Total/NA	Prep	3510C	DL2		390593	06/23/17 07:31	NRJ	TAL CHI
Total/NA	Analysis	8270D	DL2	500	391012	06/27/17 17:42	AJD	TAL CHI

Client Sample ID: MW-122 — Lab Sample ID: 500-129995-7

Date Collected: 06/20/17 15:45 — **Matrix: Water**
Date Received: 06/22/17 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	391655	07/03/17 15:46	PMF	TAL CHI
Total/NA	Analysis	8260B	DL	50	391655	07/03/17 16:15	PMF	TAL CHI
Total/NA	Prep	3510C			390593	06/23/17 07:31	NRJ	TAL CHI
Total/NA	Analysis	8270D		1	390691	06/24/17 01:19	GES	TAL CHI
Total/NA	Prep	3510C	DL		390593	06/23/17 07:31	NRJ	TAL CHI
Total/NA	Analysis	8270D	DL	5	390866	06/26/17 14:20	AJD	TAL CHI
Total/NA	Prep	3510C	DL2		390593	06/23/17 07:31	NRJ	TAL CHI
Total/NA	Analysis	8270D	DL2	25	390866	06/26/17 14:48	AJD	TAL CHI

Client Sample ID: MW-115 — Lab Sample ID: 500-129995-8

Date Collected: 06/20/17 16:15 — **Matrix: Water**
Date Received: 06/22/17 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	391655	07/03/17 13:49	PMF	TAL CHI
Total/NA	Prep	3510C			390593	06/23/17 07:31	NRJ	TAL CHI
Total/NA	Analysis	8270D		1	390691	06/24/17 01:48	GES	TAL CHI

Client Sample ID: MW-105 — Lab Sample ID: 500-129995-9

Date Collected: 06/20/17 16:35 — **Matrix: Water**
Date Received: 06/22/17 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	391655	07/03/17 14:18	PMF	TAL CHI
Total/NA	Prep	3510C			390593	06/23/17 07:31	NRJ	TAL CHI
Total/NA	Analysis	8270D		1	390691	06/24/17 02:17	GES	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Client Sample ID: TB-2

Date Collected: 06/20/17 00:00
Date Received: 06/22/17 10:15

Lab Sample ID: 500-129995-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	391655	07/03/17 11:22	PMF	TAL CHI

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-129995-1

Laboratory: TestAmerica Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Wisconsin	State Program	5	999580010	08-31-17 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

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2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

1.7/1.7

Report To (optional)
Contact: Mike Noel
Company: TetraTech
Address: 175 N Corporate Dr #100
Address: Brookfield WI 53045
Phone: 262 792 1282
Fax:
E-Mail: mike.noel@tetratech.com

Bill To (optional)
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-129995
Chain of Custody Number:
Page ____ of ____
Temperature °C of Cooler: 2.7

Client: Tetratech
Client Project #: 117-2201372.01
Project Name: Beazer East
Project Location/State: WI
Lab Project #: 50007178
Sampler: Ashley Kowalewski
Lab PM: Sandie Fredrick

Preservative: HCl | none
Parameter: VOC | PFH-LVI

Preservative Key
1. HCL, Cool to 4°
[illegible] Cool to 4°
4°
4°
I to 4°

500-129995 COC

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOC	PFH-LVI							Comments
1		MW-134	6-20	1020	5	W	3	2							
2		MW-112		1115	5	W	3	2							
3		MW-118		1135	5	W	3	2							
4		MW-101		1335	5	W	3	2							
5		MW-101 DUP		1340	5	W	3	2							
6		MW-107		1500	5	W	3	2							
7		MW-122		1545	5	W	3	2							
8		MW-115		1615	5	W	3	2							
9		MW-105		1635	5	W	3	2							
10		TB-2	—	—	1	W	1								lab prep.

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days _____ Other
Requested Due Date _____

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Ashley Kowalewski	Tetratech	6/20/17	1845	[illegible]	TAC	06/21/17	930
[illegible]	TAC	6-21-17	1630	[illegible]	TACHE	TACHE	1015
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier
Shipped: FX Priority
Hand Delivered

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments
PAH's Quick turn (short holds)

Lab Comments:

TAL-4124-500 (1209)

500-129995

TestAmerica Canton Sample Receipt Form/Narrative **Login # :** 81270
Canton Facility

Client Tetra Tech Site Name _____ Cooler unpacked by: DSP
Cooler Received on 06/21/17 Opened on 06/21/17
FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____
Packing material used: Bubble Wrap Foam Plastic Bag None Other _____
COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-8 (CF **-0.4** °C) Observed Cooler Temp. ____ °C Corrected Cooler Temp. ____ °C
   IR GUN #36 (CF **+0**°C) Observed Cooler Temp. 1.7 °C Corrected Cooler Temp. 1.7 °C
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
   -Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? DSD 6/21/17 Yes No
8. Could all bottle labels be reconciled with the COC? Yes No
9. Were correct bottle(s) used for the test(s) indicated? Yes No
10. Sufficient quantity received to perform indicated analyses? Yes No
11. Are these work share samples? Yes No
    If yes, Questions 11-15 have been checked at the originating laboratory.
11. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# **HC697954**
12. Were VOAs on the COC? Yes No
13. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes No NA
14. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____ Yes No
15. Was a LL Hg or Me Hg trip blank present? _____ Yes No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

16. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by:

Received 1 HCL voa, "MW-122", Broken.
Per P.M. Sent to Chicago.

17. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

18. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____.

Ref: SOP NC-SC-0005, Sample Receiving
\\tacorp\corp\QA\QA_Facilities\Canton-QA\Document-Management\Work-Instruction\Word Version Work Instructions\WI-NC-099-052317 Cooler Receipt Form.doc djl

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 500-129995-1

Login Number: 129995
List Number: 1
Creator: Sanchez, Ariel M

List Source: TestAmerica Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	Containers recd broken. Sufficient sample in remaining containers for analysis.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-130068-1
Client Project/Site: Beazer Oak Creek - 117-2201372.01

For:
Tetra Tech GEO
175 N Corporate Drive
Suite 100
Brookfield, Wisconsin 53045

Attn: Mr. Mike Noel

Authorized for release by:
7/7/2017 5:05:09 PM

Sandie Fredrick, Project Manager II
(920)261-1660
sandie.fredrick@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 500-130068-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-130068-1

Comments
No additional comments.

Receipt
The samples were received on 6/23/2017 10:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.0º C.

GC/MS VOA
Method(s) 8260B: The MSD (matrix spike duplicate) in batch 391981 was analyzed 12 minutes outside the method specified 12 hour tune time. MW-1 (500-130068-12)

Method(s) 8260B: The method blank for preparation batch 391981 contained Methylene Chloride above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-analysis of samples were not performed.

Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-125 (500-130068-4), MW-117 (500-130068-9) and MW-117 DUP (500-130068-11). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270D: The following samples were diluted due to the nature of the sample matrix: MW-125 (500-130068-4), MW-117 (500-130068-9) and MW-117 DUP (500-130068-11). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The following samples required a dilution due to the nature of the sample matrix: MW-125 (500-130068-4), MW-117 (500-130068-9) and MW-117 DUP (500-130068-11). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: MW-111 — Lab Sample ID: 500-130068-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.13	J	1.5	0.050	ug/L	1		8270D	Total/NA
Naphthalene	0.24	J	0.77	0.24	ug/L	1		8270D	Total/NA

Client Sample ID: MW-111 DUP — Lab Sample ID: 500-130068-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.17	J	1.5	0.050	ug/L	1		8270D	Total/NA
Naphthalene	0.30	J	0.77	0.24	ug/L	1		8270D	Total/NA

Client Sample ID: MW-108 — Lab Sample ID: 500-130068-3

No Detections.

Client Sample ID: MW-125 — Lab Sample ID: 500-130068-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	140		10	3.6	ug/L	10		8260B	Total/NA
1,3,5-Trimethylbenzene	83		10	2.5	ug/L	10		8260B	Total/NA
Benzene	400		5.0	1.5	ug/L	10		8260B	Total/NA
Ethylbenzene	120		5.0	1.8	ug/L	10		8260B	Total/NA
Toluene	280		5.0	1.5	ug/L	10		8260B	Total/NA
Xylenes, Total	670		10	2.2	ug/L	10		8260B	Total/NA
1-Methylnaphthalene	290		76	12	ug/L	50		8270D	Total/NA
2-Methylnaphthalene	410		76	2.5	ug/L	50		8270D	Total/NA
Acenaphthene	210		38	12	ug/L	50		8270D	Total/NA
Acenaphthylene	66		38	10	ug/L	50		8270D	Total/NA
Anthracene	22	J	38	13	ug/L	50		8270D	Total/NA
Benzo[a]anthracene	10		7.6	2.2	ug/L	50		8270D	Total/NA
Benzo[a]pyrene	5.4	J	7.6	3.8	ug/L	50		8270D	Total/NA
Benzo[b]fluoranthene	6.6	J	7.6	3.1	ug/L	50		8270D	Total/NA
Chrysene	7.9		7.6	2.6	ug/L	50		8270D	Total/NA
Fluoranthene	35	J	38	17	ug/L	50		8270D	Total/NA
Fluorene	130		38	9.3	ug/L	50		8270D	Total/NA
Phenanthrene	140		38	12	ug/L	50		8270D	Total/NA
Pyrene	30	J	38	16	ug/L	50		8270D	Total/NA
Naphthalene - DL	3400		150	47	ug/L	200		8270D	Total/NA

Client Sample ID: P-103 — Lab Sample ID: 500-130068-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.25	J	0.77	0.24	ug/L	1		8270D	Total/NA

Client Sample ID: MW-102 — Lab Sample ID: 500-130068-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.085	J	1.5	0.050	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	1.4		0.15	0.043	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	1.8		0.15	0.076	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	2.3		0.15	0.062	ug/L	1		8270D	Total/NA
Benzo[g,h,i]perylene	1.0		0.77	0.29	ug/L	1		8270D	Total/NA
Benzo[k]fluoranthene	0.69		0.15	0.049	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: MW-102 (Continued) — Lab Sample ID: 500-130068-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	1.9		0.15	0.052	ug/L	1		8270D	Total/NA
Dibenz(a,h)anthracene	0.39		0.23	0.039	ug/L	1		8270D	Total/NA
Fluoranthene	1.8		0.77	0.35	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1.1		0.15	0.057	ug/L	1		8270D	Total/NA
Naphthalene	0.50	J	0.77	0.24	ug/L	1		8270D	Total/NA
Phenanthrene	0.42	J	0.77	0.23	ug/L	1		8270D	Total/NA
Pyrene	1.7		0.77	0.33	ug/L	1		8270D	Total/NA

Client Sample ID: MW-104 — Lab Sample ID: 500-130068-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.20	J	1.6	0.051	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.11	J	0.16	0.063	ug/L	1		8270D	Total/NA
Naphthalene	1.3		0.78	0.24	ug/L	1		8270D	Total/NA

Client Sample ID: P-110 — Lab Sample ID: 500-130068-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.077	J	1.5	0.049	ug/L	1		8270D	Total/NA
Acenaphthene	0.24	J	0.75	0.23	ug/L	1		8270D	Total/NA
Anthracene	0.27	J	0.75	0.25	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	0.42		0.15	0.043	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.43		0.15	0.074	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.64		0.15	0.061	ug/L	1		8270D	Total/NA
Benzo[g,h,i]perylene	0.28	J	0.75	0.28	ug/L	1		8270D	Total/NA
Benzo[k]fluoranthene	0.19		0.15	0.048	ug/L	1		8270D	Total/NA
Chrysene	0.52		0.15	0.051	ug/L	1		8270D	Total/NA
Fluoranthene	1.3		0.75	0.34	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.24		0.15	0.056	ug/L	1		8270D	Total/NA
Naphthalene	0.70	J	0.75	0.23	ug/L	1		8270D	Total/NA
Phenanthrene	0.70	J	0.75	0.23	ug/L	1		8270D	Total/NA
Pyrene	1.0		0.75	0.32	ug/L	1		8270D	Total/NA

Client Sample ID: MW-117 — Lab Sample ID: 500-130068-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	550		50	18	ug/L	50		8260B	Total/NA
1,3,5-Trimethylbenzene	240		50	13	ug/L	50		8260B	Total/NA
Benzene	4800		25	7.3	ug/L	50		8260B	Total/NA
Ethylbenzene	460		25	9.2	ug/L	50		8260B	Total/NA
Isopropylbenzene	28	J	50	19	ug/L	50		8260B	Total/NA
Styrene	140		50	19	ug/L	50		8260B	Total/NA
Toluene	4400		25	7.6	ug/L	50		8260B	Total/NA
Xylenes, Total	2900		50	11	ug/L	50		8260B	Total/NA
1-Methylnaphthalene	1300		770	120	ug/L	500		8270D	Total/NA
2-Methylnaphthalene	2600		770	25	ug/L	500		8270D	Total/NA
Acenaphthene	480		390	120	ug/L	500		8270D	Total/NA
Anthracene	150	J	390	130	ug/L	500		8270D	Total/NA
Fluoranthene	300	J	390	180	ug/L	500		8270D	Total/NA
Fluorene	360	J	390	94	ug/L	500		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: MW-117 (Continued) — Lab Sample ID: 500-130068-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	21000		390	120	ug/L	500		8270D	Total/NA
Phenanthrene	750		390	120	ug/L	500		8270D	Total/NA
Pyrene	270	J	390	170	ug/L	500		8270D	Total/NA

Client Sample ID: P-120 — Lab Sample ID: 500-130068-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	0.29	J	1.5	0.23	ug/L	1		8270D	Total/NA
2-Methylnaphthalene	0.61	J	1.5	0.050	ug/L	1		8270D	Total/NA
Naphthalene	5.5		0.76	0.24	ug/L	1		8270D	Total/NA

Client Sample ID: MW-117 DUP — Lab Sample ID: 500-130068-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	550		50	18	ug/L	50		8260B	Total/NA
1,3,5-Trimethylbenzene	240		50	13	ug/L	50		8260B	Total/NA
Benzene	4800		25	7.3	ug/L	50		8260B	Total/NA
Ethylbenzene	470		25	9.2	ug/L	50		8260B	Total/NA
Isopropylbenzene	25	J	50	19	ug/L	50		8260B	Total/NA
Styrene	130		50	19	ug/L	50		8260B	Total/NA
Toluene	4500		25	7.6	ug/L	50		8260B	Total/NA
Xylenes, Total	2900		50	11	ug/L	50		8260B	Total/NA
1-Methylnaphthalene	790		770	120	ug/L	500		8270D	Total/NA
2-Methylnaphthalene	1500		770	25	ug/L	500		8270D	Total/NA
Acenaphthene	250	J	380	120	ug/L	500		8270D	Total/NA
Fluorene	130	J	380	93	ug/L	500		8270D	Total/NA
Naphthalene	15000		380	120	ug/L	500		8270D	Total/NA
Phenanthrene	190	J	380	120	ug/L	500		8270D	Total/NA

Client Sample ID: MW-1 — Lab Sample ID: 500-130068-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.24	J	1.5	0.050	ug/L	1		8270D	Total/NA
Naphthalene	1.8		0.77	0.24	ug/L	1		8270D	Total/NA

Client Sample ID: TB-4 — Lab Sample ID: 500-130068-13

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-130068-1	MW-111	Water	06/22/17 09:45	06/23/17 10:30
500-130068-2	MW-111 DUP	Water	06/22/17 09:50	06/23/17 10:30
500-130068-3	MW-108	Water	06/22/17 10:10	06/23/17 10:30
500-130068-4	MW-125	Water	06/22/17 10:45	06/23/17 10:30
500-130068-5	P-103	Water	06/22/17 10:55	06/23/17 10:30
500-130068-6	MW-102	Water	06/22/17 11:00	06/23/17 10:30
500-130068-7	MW-104	Water	06/22/17 11:25	06/23/17 10:30
500-130068-8	P-110	Water	06/22/17 11:45	06/23/17 10:30
500-130068-9	MW-117	Water	06/22/17 12:05	06/23/17 10:30
500-130068-10	P-120	Water	06/22/17 12:10	06/23/17 10:30
500-130068-11	MW-117 DUP	Water	06/22/17 12:15	06/23/17 10:30
500-130068-12	MW-1	Water	06/22/17 12:45	06/23/17 10:30
500-130068-13	TB-4	Water	06/22/17 00:00	06/23/17 10:30

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: MW-111

Date Collected: 06/22/17 09:45
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/05/17 18:53	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/05/17 18:53	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/05/17 18:53	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/05/17 18:53	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/05/17 18:53	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/05/17 18:53	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/05/17 18:53	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/05/17 18:53	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/05/17 18:53	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/05/17 18:53	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/05/17 18:53	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/05/17 18:53	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/05/17 18:53	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/05/17 18:53	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/05/17 18:53	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/05/17 18:53	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/05/17 18:53	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/05/17 18:53	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/05/17 18:53	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/05/17 18:53	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/05/17 18:53	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/05/17 18:53	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/05/17 18:53	1
Benzene	<0.15		0.50	0.15	ug/L			07/05/17 18:53	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/05/17 18:53	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/05/17 18:53	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/05/17 18:53	1
Bromoform	<0.48		1.0	0.48	ug/L			07/05/17 18:53	1
Bromomethane	<0.80		2.0	0.80	ug/L			07/05/17 18:53	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/05/17 18:53	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/05/17 18:53	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/05/17 18:53	1
Chloroform	<0.37		2.0	0.37	ug/L			07/05/17 18:53	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/05/17 18:53	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/05/17 18:53	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/05/17 18:53	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/05/17 18:53	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/05/17 18:53	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/05/17 18:53	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/05/17 18:53	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/05/17 18:53	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/05/17 18:53	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 18:53	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/05/17 18:53	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/05/17 18:53	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 18:53	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/05/17 18:53	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/05/17 18:53	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 18:53	1

Client Sample ID: MW-111

Date Collected: 06/22/17 09:45
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.39		1.0	0.39	ug/L			07/05/17 18:53	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 18:53	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/05/17 18:53	1
Toluene	<0.15		0.50	0.15	ug/L			07/05/17 18:53	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/05/17 18:53	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/05/17 18:53	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/05/17 18:53	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/05/17 18:53	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/05/17 18:53	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/05/17 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*75 - 126*		*07/05/17 18:53*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*07/05/17 18:53*	*1*
Dibromofluoromethane	*104*		*75 - 120*		*07/05/17 18:53*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*07/05/17 18:53*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.23		1.5	0.23	ug/L		06/26/17 11:20	06/26/17 19:29	1
2-Methylnaphthalene	**0.13**	**J**	1.5	0.050	ug/L		06/26/17 11:20	06/26/17 19:29	1
Acenaphthene	<0.24		0.77	0.24	ug/L		06/26/17 11:20	06/26/17 19:29	1
Acenaphthylene	<0.20		0.77	0.20	ug/L		06/26/17 11:20	06/26/17 19:29	1
Anthracene	<0.26		0.77	0.26	ug/L		06/26/17 11:20	06/26/17 19:29	1
Benzo[a]anthracene	<0.043		0.15	0.043	ug/L		06/26/17 11:20	06/26/17 19:29	1
Benzo[a]pyrene	<0.076		0.15	0.076	ug/L		06/26/17 11:20	06/26/17 19:29	1
Benzo[b]fluoranthene	<0.062		0.15	0.062	ug/L		06/26/17 11:20	06/26/17 19:29	1
Benzo[g,h,i]perylene	<0.29		0.77	0.29	ug/L		06/26/17 11:20	06/26/17 19:29	1
Benzo[k]fluoranthene	<0.049		0.15	0.049	ug/L		06/26/17 11:20	06/26/17 19:29	1
Chrysene	<0.052		0.15	0.052	ug/L		06/26/17 11:20	06/26/17 19:29	1
Dibenz(a,h)anthracene	<0.039		0.23	0.039	ug/L		06/26/17 11:20	06/26/17 19:29	1
Fluoranthene	<0.35		0.77	0.35	ug/L		06/26/17 11:20	06/26/17 19:29	1
Fluorene	<0.19		0.77	0.19	ug/L		06/26/17 11:20	06/26/17 19:29	1
Indeno[1,2,3-cd]pyrene	<0.057		0.15	0.057	ug/L		06/26/17 11:20	06/26/17 19:29	1
Naphthalene	**0.24**	**J**	0.77	0.24	ug/L		06/26/17 11:20	06/26/17 19:29	1
Phenanthrene	<0.23		0.77	0.23	ug/L		06/26/17 11:20	06/26/17 19:29	1
Pyrene	<0.33		0.77	0.33	ug/L		06/26/17 11:20	06/26/17 19:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*58*		*34 - 110*	*06/26/17 11:20*	*06/26/17 19:29*	*1*
Nitrobenzene-d5 (Surr)	*71*		*36 - 120*	*06/26/17 11:20*	*06/26/17 19:29*	*1*
Terphenyl-d14 (Surr)	*105*		*40 - 145*	*06/26/17 11:20*	*06/26/17 19:29*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: MW-111 DUP

Date Collected: 06/22/17 09:50
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/05/17 19:21	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/05/17 19:21	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/05/17 19:21	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/05/17 19:21	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/05/17 19:21	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/05/17 19:21	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/05/17 19:21	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/05/17 19:21	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/05/17 19:21	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/05/17 19:21	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/05/17 19:21	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/05/17 19:21	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/05/17 19:21	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/05/17 19:21	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/05/17 19:21	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/05/17 19:21	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/05/17 19:21	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/05/17 19:21	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/05/17 19:21	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/05/17 19:21	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/05/17 19:21	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/05/17 19:21	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/05/17 19:21	1
Benzene	<0.15		0.50	0.15	ug/L			07/05/17 19:21	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/05/17 19:21	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/05/17 19:21	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/05/17 19:21	1
Bromoform	<0.48		1.0	0.48	ug/L			07/05/17 19:21	1
Bromomethane	<0.80		2.0	0.80	ug/L			07/05/17 19:21	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/05/17 19:21	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/05/17 19:21	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/05/17 19:21	1
Chloroform	<0.37		2.0	0.37	ug/L			07/05/17 19:21	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/05/17 19:21	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/05/17 19:21	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/05/17 19:21	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/05/17 19:21	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/05/17 19:21	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/05/17 19:21	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/05/17 19:21	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/05/17 19:21	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/05/17 19:21	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 19:21	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/05/17 19:21	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/05/17 19:21	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 19:21	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/05/17 19:21	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/05/17 19:21	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 19:21	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: MW-111 DUP

Date Collected: 06/22/17 09:50
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.39		1.0	0.39	ug/L			07/05/17 19:21	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 19:21	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/05/17 19:21	1
Toluene	<0.15		0.50	0.15	ug/L			07/05/17 19:21	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/05/17 19:21	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/05/17 19:21	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/05/17 19:21	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/05/17 19:21	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/05/17 19:21	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/05/17 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 126*		*07/05/17 19:21*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*07/05/17 19:21*	*1*
Dibromofluoromethane	*103*		*75 - 120*		*07/05/17 19:21*	*1*
Toluene-d8 (Surr)	*104*		*75 - 120*		*07/05/17 19:21*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.23		1.5	0.23	ug/L		06/26/17 11:20	06/26/17 19:56	1
2-Methylnaphthalene	**0.17**	**J**	1.5	0.050	ug/L		06/26/17 11:20	06/26/17 19:56	1
Acenaphthene	<0.24		0.77	0.24	ug/L		06/26/17 11:20	06/26/17 19:56	1
Acenaphthylene	<0.21		0.77	0.21	ug/L		06/26/17 11:20	06/26/17 19:56	1
Anthracene	<0.26		0.77	0.26	ug/L		06/26/17 11:20	06/26/17 19:56	1
Benzo[a]anthracene	<0.044		0.15	0.044	ug/L		06/26/17 11:20	06/26/17 19:56	1
Benzo[a]pyrene	<0.076		0.15	0.076	ug/L		06/26/17 11:20	06/26/17 19:56	1
Benzo[b]fluoranthene	<0.062		0.15	0.062	ug/L		06/26/17 11:20	06/26/17 19:56	1
Benzo[g,h,i]perylene	<0.29		0.77	0.29	ug/L		06/26/17 11:20	06/26/17 19:56	1
Benzo[k]fluoranthene	<0.049		0.15	0.049	ug/L		06/26/17 11:20	06/26/17 19:56	1
Chrysene	<0.052		0.15	0.052	ug/L		06/26/17 11:20	06/26/17 19:56	1
Dibenz(a,h)anthracene	<0.039		0.23	0.039	ug/L		06/26/17 11:20	06/26/17 19:56	1
Fluoranthene	<0.35		0.77	0.35	ug/L		06/26/17 11:20	06/26/17 19:56	1
Fluorene	<0.19		0.77	0.19	ug/L		06/26/17 11:20	06/26/17 19:56	1
Indeno[1,2,3-cd]pyrene	<0.057		0.15	0.057	ug/L		06/26/17 11:20	06/26/17 19:56	1
Naphthalene	**0.30**	**J**	0.77	0.24	ug/L		06/26/17 11:20	06/26/17 19:56	1
Phenanthrene	<0.23		0.77	0.23	ug/L		06/26/17 11:20	06/26/17 19:56	1
Pyrene	<0.33		0.77	0.33	ug/L		06/26/17 11:20	06/26/17 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*34 - 110*	*06/26/17 11:20*	*06/26/17 19:56*	*1*
Nitrobenzene-d5 (Surr)	*80*		*36 - 120*	*06/26/17 11:20*	*06/26/17 19:56*	*1*
Terphenyl-d14 (Surr)	*109*		*40 - 145*	*06/26/17 11:20*	*06/26/17 19:56*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: MW-108

Date Collected: 06/22/17 10:10
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-3

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/05/17 19:49	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/05/17 19:49	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/05/17 19:49	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/05/17 19:49	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/05/17 19:49	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/05/17 19:49	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/05/17 19:49	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/05/17 19:49	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/05/17 19:49	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/05/17 19:49	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/05/17 19:49	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/05/17 19:49	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/05/17 19:49	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/05/17 19:49	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/05/17 19:49	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/05/17 19:49	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/05/17 19:49	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/05/17 19:49	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/05/17 19:49	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/05/17 19:49	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/05/17 19:49	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/05/17 19:49	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/05/17 19:49	1
Benzene	<0.15		0.50	0.15	ug/L			07/05/17 19:49	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/05/17 19:49	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/05/17 19:49	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/05/17 19:49	1
Bromoform	<0.48		1.0	0.48	ug/L			07/05/17 19:49	1
Bromomethane	<0.80		2.0	0.80	ug/L			07/05/17 19:49	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/05/17 19:49	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/05/17 19:49	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/05/17 19:49	1
Chloroform	<0.37		2.0	0.37	ug/L			07/05/17 19:49	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/05/17 19:49	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/05/17 19:49	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/05/17 19:49	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/05/17 19:49	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/05/17 19:49	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/05/17 19:49	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/05/17 19:49	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/05/17 19:49	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/05/17 19:49	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 19:49	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/05/17 19:49	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/05/17 19:49	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 19:49	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/05/17 19:49	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/05/17 19:49	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 19:49	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: MW-108

Date Collected: 06/22/17 10:10
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-3

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.39		1.0	0.39	ug/L			07/05/17 19:49	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 19:49	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/05/17 19:49	1
Toluene	<0.15		0.50	0.15	ug/L			07/05/17 19:49	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/05/17 19:49	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/05/17 19:49	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/05/17 19:49	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/05/17 19:49	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/05/17 19:49	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/05/17 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*75 - 126*		*07/05/17 19:49*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*07/05/17 19:49*	*1*
Dibromofluoromethane	*102*		*75 - 120*		*07/05/17 19:49*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*07/05/17 19:49*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.24		1.6	0.24	ug/L		06/26/17 11:20	06/26/17 20:23	1
2-Methylnaphthalene	<0.052		1.6	0.052	ug/L		06/26/17 11:20	06/26/17 20:23	1
Acenaphthene	<0.24		0.79	0.24	ug/L		06/26/17 11:20	06/26/17 20:23	1
Acenaphthylene	<0.21		0.79	0.21	ug/L		06/26/17 11:20	06/26/17 20:23	1
Anthracene	<0.26		0.79	0.26	ug/L		06/26/17 11:20	06/26/17 20:23	1
Benzo[a]anthracene	<0.045		0.16	0.045	ug/L		06/26/17 11:20	06/26/17 20:23	1
Benzo[a]pyrene	<0.078		0.16	0.078	ug/L		06/26/17 11:20	06/26/17 20:23	1
Benzo[b]fluoranthene	<0.064		0.16	0.064	ug/L		06/26/17 11:20	06/26/17 20:23	1
Benzo[g,h,i]perylene	<0.30		0.79	0.30	ug/L		06/26/17 11:20	06/26/17 20:23	1
Benzo[k]fluoranthene	<0.051		0.16	0.051	ug/L		06/26/17 11:20	06/26/17 20:23	1
Chrysene	<0.054		0.16	0.054	ug/L		06/26/17 11:20	06/26/17 20:23	1
Dibenz(a,h)anthracene	<0.040		0.24	0.040	ug/L		06/26/17 11:20	06/26/17 20:23	1
Fluoranthene	<0.36		0.79	0.36	ug/L		06/26/17 11:20	06/26/17 20:23	1
Fluorene	<0.19		0.79	0.19	ug/L		06/26/17 11:20	06/26/17 20:23	1
Indeno[1,2,3-cd]pyrene	<0.059		0.16	0.059	ug/L		06/26/17 11:20	06/26/17 20:23	1
Naphthalene	<0.24		0.79	0.24	ug/L		06/26/17 11:20	06/26/17 20:23	1
Phenanthrene	<0.24		0.79	0.24	ug/L		06/26/17 11:20	06/26/17 20:23	1
Pyrene	<0.34		0.79	0.34	ug/L		06/26/17 11:20	06/26/17 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*66*		*34 - 110*	*06/26/17 11:20*	*06/26/17 20:23*	*1*
Nitrobenzene-d5 (Surr)	*88*		*36 - 120*	*06/26/17 11:20*	*06/26/17 20:23*	*1*
Terphenyl-d14 (Surr)	*108*		*40 - 145*	*06/26/17 11:20*	*06/26/17 20:23*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: MW-125

Date Collected: 06/22/17 10:45
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-4

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.6		10	4.6	ug/L			07/05/17 21:41	10
1,1,1-Trichloroethane	<3.8		10	3.8	ug/L			07/05/17 21:41	10
1,1,2,2-Tetrachloroethane	<4.0		10	4.0	ug/L			07/05/17 21:41	10
1,1,2-Trichloroethane	<3.5		10	3.5	ug/L			07/05/17 21:41	10
1,1-Dichloroethane	<4.1		10	4.1	ug/L			07/05/17 21:41	10
1,1-Dichloroethene	<3.9		10	3.9	ug/L			07/05/17 21:41	10
1,1-Dichloropropene	<3.0		10	3.0	ug/L			07/05/17 21:41	10
1,2,3-Trichlorobenzene	<4.6		10	4.6	ug/L			07/05/17 21:41	10
1,2,3-Trichloropropane	<4.1		10	4.1	ug/L			07/05/17 21:41	10
1,2,4-Trichlorobenzene	<3.4		10	3.4	ug/L			07/05/17 21:41	10
1,2,4-Trimethylbenzene	**140**		10	3.6	ug/L			07/05/17 21:41	10
1,2-Dibromo-3-Chloropropane	<20		50	20	ug/L			07/05/17 21:41	10
1,2-Dibromoethane	<3.9		10	3.9	ug/L			07/05/17 21:41	10
1,2-Dichlorobenzene	<3.3		10	3.3	ug/L			07/05/17 21:41	10
1,2-Dichloroethane	<3.9		10	3.9	ug/L			07/05/17 21:41	10
1,2-Dichloropropane	<4.3		10	4.3	ug/L			07/05/17 21:41	10
1,3,5-Trimethylbenzene	**83**		10	2.5	ug/L			07/05/17 21:41	10
1,3-Dichlorobenzene	<4.0		10	4.0	ug/L			07/05/17 21:41	10
1,3-Dichloropropane	<3.6		10	3.6	ug/L			07/05/17 21:41	10
1,4-Dichlorobenzene	<3.6		10	3.6	ug/L			07/05/17 21:41	10
2,2-Dichloropropane	<4.4		10	4.4	ug/L			07/05/17 21:41	10
2-Chlorotoluene	<3.1		10	3.1	ug/L			07/05/17 21:41	10
4-Chlorotoluene	<3.5		10	3.5	ug/L			07/05/17 21:41	10
Benzene	**400**		5.0	1.5	ug/L			07/05/17 21:41	10
Bromobenzene	<3.6		10	3.6	ug/L			07/05/17 21:41	10
Bromochloromethane	<4.3		10	4.3	ug/L			07/05/17 21:41	10
Bromodichloromethane	<3.7		10	3.7	ug/L			07/05/17 21:41	10
Bromoform	<4.8		10	4.8	ug/L			07/05/17 21:41	10
Bromomethane	<8.0		20	8.0	ug/L			07/05/17 21:41	10
Carbon tetrachloride	<3.8		10	3.8	ug/L			07/05/17 21:41	10
Chlorobenzene	<3.9		10	3.9	ug/L			07/05/17 21:41	10
Chloroethane	<5.1		10	5.1	ug/L			07/05/17 21:41	10
Chloroform	<3.7		20	3.7	ug/L			07/05/17 21:41	10
Chloromethane	<3.2		10	3.2	ug/L			07/05/17 21:41	10
cis-1,2-Dichloroethene	<4.1		10	4.1	ug/L			07/05/17 21:41	10
cis-1,3-Dichloropropene	<4.2		10	4.2	ug/L			07/05/17 21:41	10
Dibromochloromethane	<4.9		10	4.9	ug/L			07/05/17 21:41	10
Dibromomethane	<2.7		10	2.7	ug/L			07/05/17 21:41	10
Dichlorodifluoromethane	<6.7		20	6.7	ug/L			07/05/17 21:41	10
Ethylbenzene	**120**		5.0	1.8	ug/L			07/05/17 21:41	10
Hexachlorobutadiene	<4.5		10	4.5	ug/L			07/05/17 21:41	10
Isopropyl ether	<2.8		10	2.8	ug/L			07/05/17 21:41	10
Isopropylbenzene	<3.9		10	3.9	ug/L			07/05/17 21:41	10
Methyl tert-butyl ether	<3.9		10	3.9	ug/L			07/05/17 21:41	10
Methylene Chloride	<16		50	16	ug/L			07/05/17 21:41	10
n-Butylbenzene	<3.9		10	3.9	ug/L			07/05/17 21:41	10
N-Propylbenzene	<4.1		10	4.1	ug/L			07/05/17 21:41	10
p-Isopropyltoluene	<3.6		10	3.6	ug/L			07/05/17 21:41	10
sec-Butylbenzene	<4.0		10	4.0	ug/L			07/05/17 21:41	10

Client Sample ID: MW-125

Date Collected: 06/22/17 10:45
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-4

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<3.9		10	3.9	ug/L			07/05/17 21:41	10
tert-Butylbenzene	<4.0		10	4.0	ug/L			07/05/17 21:41	10
Tetrachloroethene	<3.7		10	3.7	ug/L			07/05/17 21:41	10
Toluene	**280**		5.0	1.5	ug/L			07/05/17 21:41	10
trans-1,2-Dichloroethene	<3.5		10	3.5	ug/L			07/05/17 21:41	10
trans-1,3-Dichloropropene	<3.6		10	3.6	ug/L			07/05/17 21:41	10
Trichloroethene	<1.6		5.0	1.6	ug/L			07/05/17 21:41	10
Trichlorofluoromethane	<4.3		10	4.3	ug/L			07/05/17 21:41	10
Vinyl chloride	<2.0		5.0	2.0	ug/L			07/05/17 21:41	10
Xylenes, Total	**670**		10	2.2	ug/L			07/05/17 21:41	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 126*		*07/05/17 21:41*	*10*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*		*07/05/17 21:41*	*10*
Dibromofluoromethane	*99*		*75 - 120*		*07/05/17 21:41*	*10*
Toluene-d8 (Surr)	*104*		*75 - 120*		*07/05/17 21:41*	*10*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 126*		*07/05/17 22:09*	*100*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*		*07/05/17 22:09*	*100*
Dibromofluoromethane	*100*		*75 - 120*		*07/05/17 22:09*	*100*
Toluene-d8 (Surr)	*102*		*75 - 120*		*07/05/17 22:09*	*100*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**290**		76	12	ug/L		06/26/17 11:20	06/27/17 01:22	50
2-Methylnaphthalene	**410**		76	2.5	ug/L		06/26/17 11:20	06/27/17 01:22	50
Acenaphthene	**210**		38	12	ug/L		06/26/17 11:20	06/27/17 01:22	50
Acenaphthylene	**66**		38	10	ug/L		06/26/17 11:20	06/27/17 01:22	50
Anthracene	**22**	**J**	38	13	ug/L		06/26/17 11:20	06/27/17 01:22	50
Benzo[a]anthracene	**10**		7.6	2.2	ug/L		06/26/17 11:20	06/27/17 01:22	50
Benzo[a]pyrene	**5.4**	**J**	7.6	3.8	ug/L		06/26/17 11:20	06/27/17 01:22	50
Benzo[b]fluoranthene	**6.6**	**J**	7.6	3.1	ug/L		06/26/17 11:20	06/27/17 01:22	50
Benzo[g,h,i]perylene	<14		38	14	ug/L		06/26/17 11:20	06/27/17 01:22	50
Benzo[k]fluoranthene	<2.4		7.6	2.4	ug/L		06/26/17 11:20	06/27/17 01:22	50
Chrysene	**7.9**		7.6	2.6	ug/L		06/26/17 11:20	06/27/17 01:22	50
Dibenz(a,h)anthracene	<1.9		11	1.9	ug/L		06/26/17 11:20	06/27/17 01:22	50
Fluoranthene	**35**	**J**	38	17	ug/L		06/26/17 11:20	06/27/17 01:22	50
Fluorene	**130**		38	9.3	ug/L		06/26/17 11:20	06/27/17 01:22	50
Indeno[1,2,3-cd]pyrene	<2.9		7.6	2.9	ug/L		06/26/17 11:20	06/27/17 01:22	50
Phenanthrene	**140**		38	12	ug/L		06/26/17 11:20	06/27/17 01:22	50
Pyrene	**30**	**J**	38	16	ug/L		06/26/17 11:20	06/27/17 01:22	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*0*	*D*	*34 - 110*	*06/26/17 11:20*	*06/27/17 01:22*	*50*
Nitrobenzene-d5 (Surr)	*0*	*D*	*36 - 120*	*06/26/17 11:20*	*06/27/17 01:22*	*50*
Terphenyl-d14 (Surr)	*0*	*D*	*40 - 145*	*06/26/17 11:20*	*06/27/17 01:22*	*50*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: MW-125

Date Collected: 06/22/17 10:45
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-4

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	3400		150	47	ug/L		06/26/17 11:20	06/27/17 18:31	200

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: P-103

Date Collected: 06/22/17 10:55
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-5

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/05/17 20:17	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/05/17 20:17	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/05/17 20:17	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/05/17 20:17	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/05/17 20:17	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/05/17 20:17	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/05/17 20:17	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/05/17 20:17	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/05/17 20:17	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/05/17 20:17	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/05/17 20:17	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/05/17 20:17	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/05/17 20:17	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/05/17 20:17	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/05/17 20:17	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/05/17 20:17	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/05/17 20:17	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/05/17 20:17	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/05/17 20:17	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/05/17 20:17	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/05/17 20:17	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/05/17 20:17	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/05/17 20:17	1
Benzene	<0.15		0.50	0.15	ug/L			07/05/17 20:17	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/05/17 20:17	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/05/17 20:17	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/05/17 20:17	1
Bromoform	<0.48		1.0	0.48	ug/L			07/05/17 20:17	1
Bromomethane	<0.80		2.0	0.80	ug/L			07/05/17 20:17	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/05/17 20:17	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/05/17 20:17	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/05/17 20:17	1
Chloroform	<0.37		2.0	0.37	ug/L			07/05/17 20:17	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/05/17 20:17	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/05/17 20:17	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/05/17 20:17	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/05/17 20:17	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/05/17 20:17	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/05/17 20:17	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/05/17 20:17	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/05/17 20:17	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/05/17 20:17	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 20:17	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/05/17 20:17	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/05/17 20:17	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 20:17	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/05/17 20:17	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/05/17 20:17	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 20:17	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: P-103

Date Collected: 06/22/17 10:55
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-5

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.39		1.0	0.39	ug/L			07/05/17 20:17	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 20:17	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/05/17 20:17	1
Toluene	<0.15		0.50	0.15	ug/L			07/05/17 20:17	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/05/17 20:17	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/05/17 20:17	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/05/17 20:17	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/05/17 20:17	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/05/17 20:17	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/05/17 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*75 - 126*		*07/05/17 20:17*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*07/05/17 20:17*	*1*
Dibromofluoromethane	*105*		*75 - 120*		*07/05/17 20:17*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*07/05/17 20:17*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.23		1.5	0.23	ug/L		06/26/17 11:20	06/26/17 20:50	1
2-Methylnaphthalene	<0.050		1.5	0.050	ug/L		06/26/17 11:20	06/26/17 20:50	1
Acenaphthene	<0.24		0.77	0.24	ug/L		06/26/17 11:20	06/26/17 20:50	1
Acenaphthylene	<0.21		0.77	0.21	ug/L		06/26/17 11:20	06/26/17 20:50	1
Anthracene	<0.26		0.77	0.26	ug/L		06/26/17 11:20	06/26/17 20:50	1
Benzo[a]anthracene	<0.043		0.15	0.043	ug/L		06/26/17 11:20	06/26/17 20:50	1
Benzo[a]pyrene	<0.076		0.15	0.076	ug/L		06/26/17 11:20	06/26/17 20:50	1
Benzo[b]fluoranthene	<0.062		0.15	0.062	ug/L		06/26/17 11:20	06/26/17 20:50	1
Benzo[g,h,i]perylene	<0.29		0.77	0.29	ug/L		06/26/17 11:20	06/26/17 20:50	1
Benzo[k]fluoranthene	<0.049		0.15	0.049	ug/L		06/26/17 11:20	06/26/17 20:50	1
Chrysene	<0.052		0.15	0.052	ug/L		06/26/17 11:20	06/26/17 20:50	1
Dibenz(a,h)anthracene	<0.039		0.23	0.039	ug/L		06/26/17 11:20	06/26/17 20:50	1
Fluoranthene	<0.35		0.77	0.35	ug/L		06/26/17 11:20	06/26/17 20:50	1
Fluorene	<0.19		0.77	0.19	ug/L		06/26/17 11:20	06/26/17 20:50	1
Indeno[1,2,3-cd]pyrene	<0.057		0.15	0.057	ug/L		06/26/17 11:20	06/26/17 20:50	1
Naphthalene	**0.25**	**J**	0.77	0.24	ug/L		06/26/17 11:20	06/26/17 20:50	1
Phenanthrene	<0.23		0.77	0.23	ug/L		06/26/17 11:20	06/26/17 20:50	1
Pyrene	<0.33		0.77	0.33	ug/L		06/26/17 11:20	06/26/17 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*34 - 110*	*06/26/17 11:20*	*06/26/17 20:50*	*1*
Nitrobenzene-d5 (Surr)	*82*		*36 - 120*	*06/26/17 11:20*	*06/26/17 20:50*	*1*
Terphenyl-d14 (Surr)	*100*		*40 - 145*	*06/26/17 11:20*	*06/26/17 20:50*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: MW-102

Date Collected: 06/22/17 11:00
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-6

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/05/17 20:45	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/05/17 20:45	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/05/17 20:45	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/05/17 20:45	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/05/17 20:45	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/05/17 20:45	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/05/17 20:45	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/05/17 20:45	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/05/17 20:45	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/05/17 20:45	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/05/17 20:45	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/05/17 20:45	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/05/17 20:45	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/05/17 20:45	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/05/17 20:45	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/05/17 20:45	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/05/17 20:45	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/05/17 20:45	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/05/17 20:45	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/05/17 20:45	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/05/17 20:45	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/05/17 20:45	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/05/17 20:45	1
Benzene	<0.15		0.50	0.15	ug/L			07/05/17 20:45	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/05/17 20:45	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/05/17 20:45	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/05/17 20:45	1
Bromoform	<0.48		1.0	0.48	ug/L			07/05/17 20:45	1
Bromomethane	<0.80		2.0	0.80	ug/L			07/05/17 20:45	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/05/17 20:45	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/05/17 20:45	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/05/17 20:45	1
Chloroform	<0.37		2.0	0.37	ug/L			07/05/17 20:45	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/05/17 20:45	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/05/17 20:45	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/05/17 20:45	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/05/17 20:45	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/05/17 20:45	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/05/17 20:45	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/05/17 20:45	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/05/17 20:45	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/05/17 20:45	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 20:45	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/05/17 20:45	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/05/17 20:45	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 20:45	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/05/17 20:45	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/05/17 20:45	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 20:45	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: MW-102

Date Collected: 06/22/17 11:00
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-6

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.39		1.0	0.39	ug/L			07/05/17 20:45	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 20:45	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/05/17 20:45	1
Toluene	<0.15		0.50	0.15	ug/L			07/05/17 20:45	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/05/17 20:45	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/05/17 20:45	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/05/17 20:45	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/05/17 20:45	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/05/17 20:45	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/05/17 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 126*		*07/05/17 20:45*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*07/05/17 20:45*	*1*
Dibromofluoromethane	*103*		*75 - 120*		*07/05/17 20:45*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*07/05/17 20:45*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.23		1.5	0.23	ug/L		06/26/17 11:20	07/07/17 15:45	1
2-Methylnaphthalene	**0.085**	**J**	1.5	0.050	ug/L		06/26/17 11:20	07/07/17 15:45	1
Acenaphthene	<0.24		0.77	0.24	ug/L		06/26/17 11:20	07/07/17 15:45	1
Acenaphthylene	<0.21		0.77	0.21	ug/L		06/26/17 11:20	07/07/17 15:45	1
Anthracene	<0.26		0.77	0.26	ug/L		06/26/17 11:20	07/07/17 15:45	1
Benzo[a]anthracene	**1.4**		0.15	0.043	ug/L		06/26/17 11:20	07/07/17 15:45	1
Benzo[a]pyrene	**1.8**		0.15	0.076	ug/L		06/26/17 11:20	07/07/17 15:45	1
Benzo[b]fluoranthene	**2.3**		0.15	0.062	ug/L		06/26/17 11:20	07/07/17 15:45	1
Benzo[g,h,i]perylene	**1.0**		0.77	0.29	ug/L		06/26/17 11:20	07/07/17 15:45	1
Benzo[k]fluoranthene	**0.69**		0.15	0.049	ug/L		06/26/17 11:20	07/07/17 15:45	1
Chrysene	**1.9**		0.15	0.052	ug/L		06/26/17 11:20	07/07/17 15:45	1
Dibenz(a,h)anthracene	**0.39**		0.23	0.039	ug/L		06/26/17 11:20	07/07/17 15:45	1
Fluoranthene	**1.8**		0.77	0.35	ug/L		06/26/17 11:20	07/07/17 15:45	1
Fluorene	<0.19		0.77	0.19	ug/L		06/26/17 11:20	07/07/17 15:45	1
Indeno[1,2,3-cd]pyrene	**1.1**		0.15	0.057	ug/L		06/26/17 11:20	07/07/17 15:45	1
Naphthalene	**0.50**	**J**	0.77	0.24	ug/L		06/26/17 11:20	07/07/17 15:45	1
Phenanthrene	**0.42**	**J**	0.77	0.23	ug/L		06/26/17 11:20	07/07/17 15:45	1
Pyrene	**1.7**		0.77	0.33	ug/L		06/26/17 11:20	07/07/17 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*34 - 110*	*06/26/17 11:20*	*07/07/17 15:45*	*1*
Nitrobenzene-d5 (Surr)	*90*		*36 - 120*	*06/26/17 11:20*	*07/07/17 15:45*	*1*
Terphenyl-d14 (Surr)	*114*		*40 - 145*	*06/26/17 11:20*	*07/07/17 15:45*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: MW-104

Date Collected: 06/22/17 11:25
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-7

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/05/17 21:13	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/05/17 21:13	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/05/17 21:13	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/05/17 21:13	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/05/17 21:13	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/05/17 21:13	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/05/17 21:13	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/05/17 21:13	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/05/17 21:13	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/05/17 21:13	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/05/17 21:13	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/05/17 21:13	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/05/17 21:13	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/05/17 21:13	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/05/17 21:13	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/05/17 21:13	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/05/17 21:13	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/05/17 21:13	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/05/17 21:13	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/05/17 21:13	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/05/17 21:13	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/05/17 21:13	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/05/17 21:13	1
Benzene	<0.15		0.50	0.15	ug/L			07/05/17 21:13	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/05/17 21:13	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/05/17 21:13	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/05/17 21:13	1
Bromoform	<0.48		1.0	0.48	ug/L			07/05/17 21:13	1
Bromomethane	<0.80		2.0	0.80	ug/L			07/05/17 21:13	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/05/17 21:13	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/05/17 21:13	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/05/17 21:13	1
Chloroform	<0.37		2.0	0.37	ug/L			07/05/17 21:13	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/05/17 21:13	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/05/17 21:13	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/05/17 21:13	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/05/17 21:13	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/05/17 21:13	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/05/17 21:13	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/05/17 21:13	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/05/17 21:13	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/05/17 21:13	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 21:13	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/05/17 21:13	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/05/17 21:13	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 21:13	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/05/17 21:13	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/05/17 21:13	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 21:13	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: MW-104

Date Collected: 06/22/17 11:25
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-7

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.39		1.0	0.39	ug/L			07/05/17 21:13	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 21:13	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/05/17 21:13	1
Toluene	<0.15		0.50	0.15	ug/L			07/05/17 21:13	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/05/17 21:13	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/05/17 21:13	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/05/17 21:13	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/05/17 21:13	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/05/17 21:13	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/05/17 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*75 - 126*		*07/05/17 21:13*	*1*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*		*07/05/17 21:13*	*1*
Dibromofluoromethane	*103*		*75 - 120*		*07/05/17 21:13*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*07/05/17 21:13*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.24		1.6	0.24	ug/L		06/26/17 11:20	06/26/17 21:44	1
2-Methylnaphthalene	**0.20**	**J**	1.6	0.051	ug/L		06/26/17 11:20	06/26/17 21:44	1
Acenaphthene	<0.24		0.78	0.24	ug/L		06/26/17 11:20	06/26/17 21:44	1
Acenaphthylene	<0.21		0.78	0.21	ug/L		06/26/17 11:20	06/26/17 21:44	1
Anthracene	<0.26		0.78	0.26	ug/L		06/26/17 11:20	06/26/17 21:44	1
Benzo[a]anthracene	<0.044		0.16	0.044	ug/L		06/26/17 11:20	06/26/17 21:44	1
Benzo[a]pyrene	<0.077		0.16	0.077	ug/L		06/26/17 11:20	06/26/17 21:44	1
Benzo[b]fluoranthene	**0.11**	**J**	0.16	0.063	ug/L		06/26/17 11:20	06/26/17 21:44	1
Benzo[g,h,i]perylene	<0.29		0.78	0.29	ug/L		06/26/17 11:20	06/26/17 21:44	1
Benzo[k]fluoranthene	<0.050		0.16	0.050	ug/L		06/26/17 11:20	06/26/17 21:44	1
Chrysene	<0.053		0.16	0.053	ug/L		06/26/17 11:20	06/26/17 21:44	1
Dibenz(a,h)anthracene	<0.040		0.23	0.040	ug/L		06/26/17 11:20	06/26/17 21:44	1
Fluoranthene	<0.35		0.78	0.35	ug/L		06/26/17 11:20	06/26/17 21:44	1
Fluorene	<0.19		0.78	0.19	ug/L		06/26/17 11:20	06/26/17 21:44	1
Indeno[1,2,3-cd]pyrene	<0.058		0.16	0.058	ug/L		06/26/17 11:20	06/26/17 21:44	1
Naphthalene	**1.3**		0.78	0.24	ug/L		06/26/17 11:20	06/26/17 21:44	1
Phenanthrene	<0.24		0.78	0.24	ug/L		06/26/17 11:20	06/26/17 21:44	1
Pyrene	<0.33		0.78	0.33	ug/L		06/26/17 11:20	06/26/17 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*63*		*34 - 110*	*06/26/17 11:20*	*06/26/17 21:44*	*1*
Nitrobenzene-d5 (Surr)	*85*		*36 - 120*	*06/26/17 11:20*	*06/26/17 21:44*	*1*
Terphenyl-d14 (Surr)	*105*		*40 - 145*	*06/26/17 11:20*	*06/26/17 21:44*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: P-110

Date Collected: 06/22/17 11:45
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-8

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/06/17 15:02	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/06/17 15:02	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/06/17 15:02	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/06/17 15:02	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/06/17 15:02	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/06/17 15:02	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/06/17 15:02	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/06/17 15:02	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/06/17 15:02	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/06/17 15:02	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/06/17 15:02	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/06/17 15:02	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/06/17 15:02	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/06/17 15:02	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/06/17 15:02	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/06/17 15:02	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/06/17 15:02	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/06/17 15:02	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/06/17 15:02	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/06/17 15:02	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/06/17 15:02	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/06/17 15:02	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/06/17 15:02	1
Benzene	<0.15		0.50	0.15	ug/L			07/06/17 15:02	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/06/17 15:02	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/06/17 15:02	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/06/17 15:02	1
Bromoform	<0.48		1.0	0.48	ug/L			07/06/17 15:02	1
Bromomethane	<0.80		2.0	0.80	ug/L			07/06/17 15:02	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/06/17 15:02	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/06/17 15:02	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/06/17 15:02	1
Chloroform	<0.37		2.0	0.37	ug/L			07/06/17 15:02	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/06/17 15:02	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/06/17 15:02	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/06/17 15:02	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/06/17 15:02	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/06/17 15:02	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/06/17 15:02	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/06/17 15:02	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/06/17 15:02	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/06/17 15:02	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/06/17 15:02	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/06/17 15:02	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/06/17 15:02	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/06/17 15:02	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/06/17 15:02	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/06/17 15:02	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/06/17 15:02	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: P-110

Date Collected: 06/22/17 11:45
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-8

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.39		1.0	0.39	ug/L			07/06/17 15:02	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/06/17 15:02	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/06/17 15:02	1
Toluene	<0.15		0.50	0.15	ug/L			07/06/17 15:02	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/06/17 15:02	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/06/17 15:02	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/06/17 15:02	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/06/17 15:02	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/06/17 15:02	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/06/17 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 126*		*07/06/17 15:02*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*		*07/06/17 15:02*	*1*
Dibromofluoromethane	*102*		*75 - 120*		*07/06/17 15:02*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*07/06/17 15:02*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.23		1.5	0.23	ug/L		06/26/17 11:20	06/26/17 22:11	1
2-Methylnaphthalene	**0.077**	**J**	1.5	0.049	ug/L		06/26/17 11:20	06/26/17 22:11	1
Acenaphthene	**0.24**	**J**	0.75	0.23	ug/L		06/26/17 11:20	06/26/17 22:11	1
Acenaphthylene	<0.20		0.75	0.20	ug/L		06/26/17 11:20	06/26/17 22:11	1
Anthracene	**0.27**	**J**	0.75	0.25	ug/L		06/26/17 11:20	06/26/17 22:11	1
Benzo[a]anthracene	**0.42**		0.15	0.043	ug/L		06/26/17 11:20	06/26/17 22:11	1
Benzo[a]pyrene	**0.43**		0.15	0.074	ug/L		06/26/17 11:20	06/26/17 22:11	1
Benzo[b]fluoranthene	**0.64**		0.15	0.061	ug/L		06/26/17 11:20	06/26/17 22:11	1
Benzo[g,h,i]perylene	**0.28**	**J**	0.75	0.28	ug/L		06/26/17 11:20	06/26/17 22:11	1
Benzo[k]fluoranthene	**0.19**		0.15	0.048	ug/L		06/26/17 11:20	06/26/17 22:11	1
Chrysene	**0.52**		0.15	0.051	ug/L		06/26/17 11:20	06/26/17 22:11	1
Dibenz(a,h)anthracene	<0.038		0.23	0.038	ug/L		06/26/17 11:20	06/26/17 22:11	1
Fluoranthene	**1.3**		0.75	0.34	ug/L		06/26/17 11:20	06/26/17 22:11	1
Fluorene	<0.18		0.75	0.18	ug/L		06/26/17 11:20	06/26/17 22:11	1
Indeno[1,2,3-cd]pyrene	**0.24**		0.15	0.056	ug/L		06/26/17 11:20	06/26/17 22:11	1
Naphthalene	**0.70**	**J**	0.75	0.23	ug/L		06/26/17 11:20	06/26/17 22:11	1
Phenanthrene	**0.70**	**J**	0.75	0.23	ug/L		06/26/17 11:20	06/26/17 22:11	1
Pyrene	**1.0**		0.75	0.32	ug/L		06/26/17 11:20	06/26/17 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*71*		*34 - 110*	*06/26/17 11:20*	*06/26/17 22:11*	*1*
Nitrobenzene-d5 (Surr)	*89*		*36 - 120*	*06/26/17 11:20*	*06/26/17 22:11*	*1*
Terphenyl-d14 (Surr)	*106*		*40 - 145*	*06/26/17 11:20*	*06/26/17 22:11*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: MW-117

Date Collected: 06/22/17 12:05
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-9

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		50	23	ug/L			07/06/17 16:32	50
1,1,1-Trichloroethane	<19		50	19	ug/L			07/06/17 16:32	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/L			07/06/17 16:32	50
1,1,2-Trichloroethane	<18		50	18	ug/L			07/06/17 16:32	50
1,1-Dichloroethane	<21		50	21	ug/L			07/06/17 16:32	50
1,1-Dichloroethene	<20		50	20	ug/L			07/06/17 16:32	50
1,1-Dichloropropene	<15		50	15	ug/L			07/06/17 16:32	50
1,2,3-Trichlorobenzene	<23		50	23	ug/L			07/06/17 16:32	50
1,2,3-Trichloropropane	<21		50	21	ug/L			07/06/17 16:32	50
1,2,4-Trichlorobenzene	<17		50	17	ug/L			07/06/17 16:32	50
1,2,4-Trimethylbenzene	**550**		50	18	ug/L			07/06/17 16:32	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/L			07/06/17 16:32	50
1,2-Dibromoethane	<19		50	19	ug/L			07/06/17 16:32	50
1,2-Dichlorobenzene	<17		50	17	ug/L			07/06/17 16:32	50
1,2-Dichloroethane	<20		50	20	ug/L			07/06/17 16:32	50
1,2-Dichloropropane	<21		50	21	ug/L			07/06/17 16:32	50
1,3,5-Trimethylbenzene	**240**		50	13	ug/L			07/06/17 16:32	50
1,3-Dichlorobenzene	<20		50	20	ug/L			07/06/17 16:32	50
1,3-Dichloropropane	<18		50	18	ug/L			07/06/17 16:32	50
1,4-Dichlorobenzene	<18		50	18	ug/L			07/06/17 16:32	50
2,2-Dichloropropane	<22		50	22	ug/L			07/06/17 16:32	50
2-Chlorotoluene	<16		50	16	ug/L			07/06/17 16:32	50
4-Chlorotoluene	<17		50	17	ug/L			07/06/17 16:32	50
Benzene	**4800**		25	7.3	ug/L			07/06/17 16:32	50
Bromobenzene	<18		50	18	ug/L			07/06/17 16:32	50
Bromochloromethane	<21		50	21	ug/L			07/06/17 16:32	50
Bromodichloromethane	<19		50	19	ug/L			07/06/17 16:32	50
Bromoform	<24		50	24	ug/L			07/06/17 16:32	50
Bromomethane	<40		100	40	ug/L			07/06/17 16:32	50
Carbon tetrachloride	<19		50	19	ug/L			07/06/17 16:32	50
Chlorobenzene	<19		50	19	ug/L			07/06/17 16:32	50
Chloroethane	<25		50	25	ug/L			07/06/17 16:32	50
Chloroform	<19		100	19	ug/L			07/06/17 16:32	50
Chloromethane	<16		50	16	ug/L			07/06/17 16:32	50
cis-1,2-Dichloroethene	<20		50	20	ug/L			07/06/17 16:32	50
cis-1,3-Dichloropropene	<21		50	21	ug/L			07/06/17 16:32	50
Dibromochloromethane	<24		50	24	ug/L			07/06/17 16:32	50
Dibromomethane	<14		50	14	ug/L			07/06/17 16:32	50
Dichlorodifluoromethane	<34		100	34	ug/L			07/06/17 16:32	50
Ethylbenzene	**460**		25	9.2	ug/L			07/06/17 16:32	50
Hexachlorobutadiene	<22		50	22	ug/L			07/06/17 16:32	50
Isopropyl ether	<14		50	14	ug/L			07/06/17 16:32	50
Isopropylbenzene	**28**	**J**	50	19	ug/L			07/06/17 16:32	50
Methyl tert-butyl ether	<20		50	20	ug/L			07/06/17 16:32	50
Methylene Chloride	<82		250	82	ug/L			07/06/17 16:32	50
n-Butylbenzene	<19		50	19	ug/L			07/06/17 16:32	50
N-Propylbenzene	<21		50	21	ug/L			07/06/17 16:32	50
p-Isopropyltoluene	<18		50	18	ug/L			07/06/17 16:32	50
sec-Butylbenzene	<20		50	20	ug/L			07/06/17 16:32	50

Client Sample ID: MW-117

Date Collected: 06/22/17 12:05
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-9

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	**140**		50	19	ug/L			07/06/17 16:32	50
tert-Butylbenzene	<20		50	20	ug/L			07/06/17 16:32	50
Tetrachloroethene	<19		50	19	ug/L			07/06/17 16:32	50
Toluene	**4400**		25	7.6	ug/L			07/06/17 16:32	50
trans-1,2-Dichloroethene	<17		50	17	ug/L			07/06/17 16:32	50
trans-1,3-Dichloropropene	<18		50	18	ug/L			07/06/17 16:32	50
Trichloroethene	<8.2		25	8.2	ug/L			07/06/17 16:32	50
Trichlorofluoromethane	<21		50	21	ug/L			07/06/17 16:32	50
Vinyl chloride	<10		25	10	ug/L			07/06/17 16:32	50
Xylenes, Total	**2900**		50	11	ug/L			07/06/17 16:32	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 126*		*07/06/17 16:32*	*50*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*07/06/17 16:32*	*50*
Dibromofluoromethane	*99*		*75 - 120*		*07/06/17 16:32*	*50*
Toluene-d8 (Surr)	*99*		*75 - 120*		*07/06/17 16:32*	*50*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*75 - 126*		*07/06/17 17:02*	*500*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*		*07/06/17 17:02*	*500*
Dibromofluoromethane	*104*		*75 - 120*		*07/06/17 17:02*	*500*
Toluene-d8 (Surr)	*99*		*75 - 120*		*07/06/17 17:02*	*500*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**1300**		770	120	ug/L		06/26/17 11:20	06/27/17 01:49	500
2-Methylnaphthalene	**2600**		770	25	ug/L		06/26/17 11:20	06/27/17 01:49	500
Acenaphthene	**480**		390	120	ug/L		06/26/17 11:20	06/27/17 01:49	500
Acenaphthylene	<100		390	100	ug/L		06/26/17 11:20	06/27/17 01:49	500
Anthracene	**150**	**J**	390	130	ug/L		06/26/17 11:20	06/27/17 01:49	500
Benzo[a]anthracene	<22		77	22	ug/L		06/26/17 11:20	06/27/17 01:49	500
Benzo[a]pyrene	<38		77	38	ug/L		06/26/17 11:20	06/27/17 01:49	500
Benzo[b]fluoranthene	<31		77	31	ug/L		06/26/17 11:20	06/27/17 01:49	500
Benzo[g,h,i]perylene	<150		390	150	ug/L		06/26/17 11:20	06/27/17 01:49	500
Benzo[k]fluoranthene	<25		77	25	ug/L		06/26/17 11:20	06/27/17 01:49	500
Chrysene	<26		77	26	ug/L		06/26/17 11:20	06/27/17 01:49	500
Dibenz(a,h)anthracene	<20		120	20	ug/L		06/26/17 11:20	06/27/17 01:49	500
Fluoranthene	**300**	**J**	390	180	ug/L		06/26/17 11:20	06/27/17 01:49	500
Fluorene	**360**	**J**	390	94	ug/L		06/26/17 11:20	06/27/17 01:49	500
Indeno[1,2,3-cd]pyrene	<29		77	29	ug/L		06/26/17 11:20	06/27/17 01:49	500
Naphthalene	**21000**		390	120	ug/L		06/26/17 11:20	06/27/17 01:49	500
Phenanthrene	**750**		390	120	ug/L		06/26/17 11:20	06/27/17 01:49	500
Pyrene	**270**	**J**	390	170	ug/L		06/26/17 11:20	06/27/17 01:49	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*0*	*D*	*34 - 110*	*06/26/17 11:20*	*06/27/17 01:49*	*500*
Nitrobenzene-d5 (Surr)	*0*	*D*	*36 - 120*	*06/26/17 11:20*	*06/27/17 01:49*	*500*
Terphenyl-d14 (Surr)	*0*	*D*	*40 - 145*	*06/26/17 11:20*	*06/27/17 01:49*	*500*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: P-120

Date Collected: 06/22/17 12:10
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-10

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/06/17 15:32	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/06/17 15:32	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/06/17 15:32	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/06/17 15:32	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/06/17 15:32	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/06/17 15:32	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/06/17 15:32	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/06/17 15:32	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/06/17 15:32	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/06/17 15:32	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/06/17 15:32	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/06/17 15:32	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/06/17 15:32	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/06/17 15:32	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/06/17 15:32	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/06/17 15:32	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/06/17 15:32	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/06/17 15:32	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/06/17 15:32	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/06/17 15:32	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/06/17 15:32	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/06/17 15:32	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/06/17 15:32	1
Benzene	<0.15		0.50	0.15	ug/L			07/06/17 15:32	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/06/17 15:32	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/06/17 15:32	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/06/17 15:32	1
Bromoform	<0.48		1.0	0.48	ug/L			07/06/17 15:32	1
Bromomethane	<0.80		2.0	0.80	ug/L			07/06/17 15:32	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/06/17 15:32	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/06/17 15:32	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/06/17 15:32	1
Chloroform	<0.37		2.0	0.37	ug/L			07/06/17 15:32	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/06/17 15:32	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/06/17 15:32	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/06/17 15:32	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/06/17 15:32	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/06/17 15:32	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/06/17 15:32	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/06/17 15:32	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/06/17 15:32	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/06/17 15:32	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/06/17 15:32	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/06/17 15:32	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/06/17 15:32	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/06/17 15:32	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/06/17 15:32	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/06/17 15:32	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/06/17 15:32	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: P-120

Date Collected: 06/22/17 12:10
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-10

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.39		1.0	0.39	ug/L			07/06/17 15:32	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/06/17 15:32	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/06/17 15:32	1
Toluene	<0.15		0.50	0.15	ug/L			07/06/17 15:32	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/06/17 15:32	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/06/17 15:32	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/06/17 15:32	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/06/17 15:32	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/06/17 15:32	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/06/17 15:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 126*		*07/06/17 15:32*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*		*07/06/17 15:32*	*1*
Dibromofluoromethane	*100*		*75 - 120*		*07/06/17 15:32*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*07/06/17 15:32*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.29**	**J**	1.5	0.23	ug/L		06/26/17 11:20	06/26/17 22:39	1
2-Methylnaphthalene	**0.61**	**J**	1.5	0.050	ug/L		06/26/17 11:20	06/26/17 22:39	1
Acenaphthene	<0.24		0.76	0.24	ug/L		06/26/17 11:20	06/26/17 22:39	1
Acenaphthylene	<0.20		0.76	0.20	ug/L		06/26/17 11:20	06/26/17 22:39	1
Anthracene	<0.25		0.76	0.25	ug/L		06/26/17 11:20	06/26/17 22:39	1
Benzo[a]anthracene	<0.043		0.15	0.043	ug/L		06/26/17 11:20	06/26/17 22:39	1
Benzo[a]pyrene	<0.075		0.15	0.075	ug/L		06/26/17 11:20	06/26/17 22:39	1
Benzo[b]fluoranthene	<0.061		0.15	0.061	ug/L		06/26/17 11:20	06/26/17 22:39	1
Benzo[g,h,i]perylene	<0.29		0.76	0.29	ug/L		06/26/17 11:20	06/26/17 22:39	1
Benzo[k]fluoranthene	<0.049		0.15	0.049	ug/L		06/26/17 11:20	06/26/17 22:39	1
Chrysene	<0.052		0.15	0.052	ug/L		06/26/17 11:20	06/26/17 22:39	1
Dibenz(a,h)anthracene	<0.039		0.23	0.039	ug/L		06/26/17 11:20	06/26/17 22:39	1
Fluoranthene	<0.35		0.76	0.35	ug/L		06/26/17 11:20	06/26/17 22:39	1
Fluorene	<0.19		0.76	0.19	ug/L		06/26/17 11:20	06/26/17 22:39	1
Indeno[1,2,3-cd]pyrene	<0.057		0.15	0.057	ug/L		06/26/17 11:20	06/26/17 22:39	1
Naphthalene	**5.5**		0.76	0.24	ug/L		06/26/17 11:20	06/26/17 22:39	1
Phenanthrene	<0.23		0.76	0.23	ug/L		06/26/17 11:20	06/26/17 22:39	1
Pyrene	<0.32		0.76	0.32	ug/L		06/26/17 11:20	06/26/17 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*34 - 110*	*06/26/17 11:20*	*06/26/17 22:39*	*1*
Nitrobenzene-d5 (Surr)	*83*		*36 - 120*	*06/26/17 11:20*	*06/26/17 22:39*	*1*
Terphenyl-d14 (Surr)	*99*		*40 - 145*	*06/26/17 11:20*	*06/26/17 22:39*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: MW-117 DUP

Date Collected: 06/22/17 12:15
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-11

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		50	23	ug/L			07/06/17 17:32	50
1,1,1-Trichloroethane	<19		50	19	ug/L			07/06/17 17:32	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/L			07/06/17 17:32	50
1,1,2-Trichloroethane	<18		50	18	ug/L			07/06/17 17:32	50
1,1-Dichloroethane	<21		50	21	ug/L			07/06/17 17:32	50
1,1-Dichloroethene	<20		50	20	ug/L			07/06/17 17:32	50
1,1-Dichloropropene	<15		50	15	ug/L			07/06/17 17:32	50
1,2,3-Trichlorobenzene	<23		50	23	ug/L			07/06/17 17:32	50
1,2,3-Trichloropropane	<21		50	21	ug/L			07/06/17 17:32	50
1,2,4-Trichlorobenzene	<17		50	17	ug/L			07/06/17 17:32	50
1,2,4-Trimethylbenzene	**550**		50	18	ug/L			07/06/17 17:32	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/L			07/06/17 17:32	50
1,2-Dibromoethane	<19		50	19	ug/L			07/06/17 17:32	50
1,2-Dichlorobenzene	<17		50	17	ug/L			07/06/17 17:32	50
1,2-Dichloroethane	<20		50	20	ug/L			07/06/17 17:32	50
1,2-Dichloropropane	<21		50	21	ug/L			07/06/17 17:32	50
1,3,5-Trimethylbenzene	**240**		50	13	ug/L			07/06/17 17:32	50
1,3-Dichlorobenzene	<20		50	20	ug/L			07/06/17 17:32	50
1,3-Dichloropropane	<18		50	18	ug/L			07/06/17 17:32	50
1,4-Dichlorobenzene	<18		50	18	ug/L			07/06/17 17:32	50
2,2-Dichloropropane	<22		50	22	ug/L			07/06/17 17:32	50
2-Chlorotoluene	<16		50	16	ug/L			07/06/17 17:32	50
4-Chlorotoluene	<17		50	17	ug/L			07/06/17 17:32	50
Benzene	**4800**		25	7.3	ug/L			07/06/17 17:32	50
Bromobenzene	<18		50	18	ug/L			07/06/17 17:32	50
Bromochloromethane	<21		50	21	ug/L			07/06/17 17:32	50
Bromodichloromethane	<19		50	19	ug/L			07/06/17 17:32	50
Bromoform	<24		50	24	ug/L			07/06/17 17:32	50
Bromomethane	<40		100	40	ug/L			07/06/17 17:32	50
Carbon tetrachloride	<19		50	19	ug/L			07/06/17 17:32	50
Chlorobenzene	<19		50	19	ug/L			07/06/17 17:32	50
Chloroethane	<25		50	25	ug/L			07/06/17 17:32	50
Chloroform	<19		100	19	ug/L			07/06/17 17:32	50
Chloromethane	<16		50	16	ug/L			07/06/17 17:32	50
cis-1,2-Dichloroethene	<20		50	20	ug/L			07/06/17 17:32	50
cis-1,3-Dichloropropene	<21		50	21	ug/L			07/06/17 17:32	50
Dibromochloromethane	<24		50	24	ug/L			07/06/17 17:32	50
Dibromomethane	<14		50	14	ug/L			07/06/17 17:32	50
Dichlorodifluoromethane	<34		100	34	ug/L			07/06/17 17:32	50
Ethylbenzene	**470**		25	9.2	ug/L			07/06/17 17:32	50
Hexachlorobutadiene	<22		50	22	ug/L			07/06/17 17:32	50
Isopropyl ether	<14		50	14	ug/L			07/06/17 17:32	50
Isopropylbenzene	**25**	**J**	50	19	ug/L			07/06/17 17:32	50
Methyl tert-butyl ether	<20		50	20	ug/L			07/06/17 17:32	50
Methylene Chloride	<82		250	82	ug/L			07/06/17 17:32	50
n-Butylbenzene	<19		50	19	ug/L			07/06/17 17:32	50
N-Propylbenzene	<21		50	21	ug/L			07/06/17 17:32	50
p-Isopropyltoluene	<18		50	18	ug/L			07/06/17 17:32	50
sec-Butylbenzene	<20		50	20	ug/L			07/06/17 17:32	50

Client Sample ID: MW-117 DUP

Date Collected: 06/22/17 12:15
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-11

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	**130**		50	19	ug/L			07/06/17 17:32	50
tert-Butylbenzene	<20		50	20	ug/L			07/06/17 17:32	50
Tetrachloroethene	<19		50	19	ug/L			07/06/17 17:32	50
Toluene	**4500**		25	7.6	ug/L			07/06/17 17:32	50
trans-1,2-Dichloroethene	<17		50	17	ug/L			07/06/17 17:32	50
trans-1,3-Dichloropropene	<18		50	18	ug/L			07/06/17 17:32	50
Trichloroethene	<8.2		25	8.2	ug/L			07/06/17 17:32	50
Trichlorofluoromethane	<21		50	21	ug/L			07/06/17 17:32	50
Vinyl chloride	<10		25	10	ug/L			07/06/17 17:32	50
Xylenes, Total	**2900**		50	11	ug/L			07/06/17 17:32	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 126*		*07/06/17 17:32*	*50*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*07/06/17 17:32*	*50*
Dibromofluoromethane	*96*		*75 - 120*		*07/06/17 17:32*	*50*
Toluene-d8 (Surr)	*102*		*75 - 120*		*07/06/17 17:32*	*50*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 126*		*07/06/17 18:02*	*500*
4-Bromofluorobenzene (Surr)	*101*		*72 - 124*		*07/06/17 18:02*	*500*
Dibromofluoromethane	*100*		*75 - 120*		*07/06/17 18:02*	*500*
Toluene-d8 (Surr)	*101*		*75 - 120*		*07/06/17 18:02*	*500*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**790**		770	120	ug/L		06/26/17 11:20	06/27/17 02:16	500
2-Methylnaphthalene	**1500**		770	25	ug/L		06/26/17 11:20	06/27/17 02:16	500
Acenaphthene	**250**	**J**	380	120	ug/L		06/26/17 11:20	06/27/17 02:16	500
Acenaphthylene	<100		380	100	ug/L		06/26/17 11:20	06/27/17 02:16	500
Anthracene	<130		380	130	ug/L		06/26/17 11:20	06/27/17 02:16	500
Benzo[a]anthracene	<22		77	22	ug/L		06/26/17 11:20	06/27/17 02:16	500
Benzo[a]pyrene	<38		77	38	ug/L		06/26/17 11:20	06/27/17 02:16	500
Benzo[b]fluoranthene	<31		77	31	ug/L		06/26/17 11:20	06/27/17 02:16	500
Benzo[g,h,i]perylene	<140		380	140	ug/L		06/26/17 11:20	06/27/17 02:16	500
Benzo[k]fluoranthene	<24		77	24	ug/L		06/26/17 11:20	06/27/17 02:16	500
Chrysene	<26		77	26	ug/L		06/26/17 11:20	06/27/17 02:16	500
Dibenz(a,h)anthracene	<19		110	19	ug/L		06/26/17 11:20	06/27/17 02:16	500
Fluoranthene	<170		380	170	ug/L		06/26/17 11:20	06/27/17 02:16	500
Fluorene	**130**	**J**	380	93	ug/L		06/26/17 11:20	06/27/17 02:16	500
Indeno[1,2,3-cd]pyrene	<29		77	29	ug/L		06/26/17 11:20	06/27/17 02:16	500
Naphthalene	**15000**		380	120	ug/L		06/26/17 11:20	06/27/17 02:16	500
Phenanthrene	**190**	**J**	380	120	ug/L		06/26/17 11:20	06/27/17 02:16	500
Pyrene	<160		380	160	ug/L		06/26/17 11:20	06/27/17 02:16	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*0*	*D*	*34 - 110*	*06/26/17 11:20*	*06/27/17 02:16*	*500*
Nitrobenzene-d5 (Surr)	*0*	*D*	*36 - 120*	*06/26/17 11:20*	*06/27/17 02:16*	*500*
Terphenyl-d14 (Surr)	*0*	*D*	*40 - 145*	*06/26/17 11:20*	*06/27/17 02:16*	*500*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: MW-1

Date Collected: 06/22/17 12:45
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-12

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/06/17 16:02	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/06/17 16:02	1
1,1,2,2-Tetrachloroethane	<0.40	F1	1.0	0.40	ug/L			07/06/17 16:02	1
1,1,2-Trichloroethane	<0.35	F1	1.0	0.35	ug/L			07/06/17 16:02	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/06/17 16:02	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/06/17 16:02	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/06/17 16:02	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/06/17 16:02	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/06/17 16:02	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/06/17 16:02	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/06/17 16:02	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/06/17 16:02	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/06/17 16:02	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/06/17 16:02	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/06/17 16:02	1
1,2-Dichloropropane	<0.43	F1	1.0	0.43	ug/L			07/06/17 16:02	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/06/17 16:02	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/06/17 16:02	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/06/17 16:02	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/06/17 16:02	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/06/17 16:02	1
2-Chlorotoluene	<0.31	F1	1.0	0.31	ug/L			07/06/17 16:02	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/06/17 16:02	1
Benzene	<0.15		0.50	0.15	ug/L			07/06/17 16:02	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/06/17 16:02	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/06/17 16:02	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/06/17 16:02	1
Bromoform	<0.48		1.0	0.48	ug/L			07/06/17 16:02	1
Bromomethane	<0.80	F1	2.0	0.80	ug/L			07/06/17 16:02	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/06/17 16:02	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/06/17 16:02	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/06/17 16:02	1
Chloroform	<0.37		2.0	0.37	ug/L			07/06/17 16:02	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/06/17 16:02	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/06/17 16:02	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/06/17 16:02	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/06/17 16:02	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/06/17 16:02	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/06/17 16:02	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/06/17 16:02	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/06/17 16:02	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/06/17 16:02	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/06/17 16:02	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/06/17 16:02	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/06/17 16:02	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/06/17 16:02	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/06/17 16:02	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/06/17 16:02	1
sec-Butylbenzene	<0.40	F1	1.0	0.40	ug/L			07/06/17 16:02	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: MW-1

Date Collected: 06/22/17 12:45
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-12

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.39		1.0	0.39	ug/L			07/06/17 16:02	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/06/17 16:02	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/06/17 16:02	1
Toluene	<0.15		0.50	0.15	ug/L			07/06/17 16:02	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/06/17 16:02	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/06/17 16:02	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/06/17 16:02	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/06/17 16:02	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/06/17 16:02	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/06/17 16:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 126*		*07/06/17 16:02*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 124*		*07/06/17 16:02*	*1*
Dibromofluoromethane	*103*		*75 - 120*		*07/06/17 16:02*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*07/06/17 16:02*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.23		1.5	0.23	ug/L		06/26/17 11:20	06/26/17 23:06	1
2-Methylnaphthalene	**0.24**	**J**	1.5	0.050	ug/L		06/26/17 11:20	06/26/17 23:06	1
Acenaphthene	<0.24		0.77	0.24	ug/L		06/26/17 11:20	06/26/17 23:06	1
Acenaphthylene	<0.21		0.77	0.21	ug/L		06/26/17 11:20	06/26/17 23:06	1
Anthracene	<0.26		0.77	0.26	ug/L		06/26/17 11:20	06/26/17 23:06	1
Benzo[a]anthracene	<0.044		0.15	0.044	ug/L		06/26/17 11:20	06/26/17 23:06	1
Benzo[a]pyrene	<0.076		0.15	0.076	ug/L		06/26/17 11:20	06/26/17 23:06	1
Benzo[b]fluoranthene	<0.062		0.15	0.062	ug/L		06/26/17 11:20	06/26/17 23:06	1
Benzo[g,h,i]perylene	<0.29		0.77	0.29	ug/L		06/26/17 11:20	06/26/17 23:06	1
Benzo[k]fluoranthene	<0.049		0.15	0.049	ug/L		06/26/17 11:20	06/26/17 23:06	1
Chrysene	<0.053		0.15	0.053	ug/L		06/26/17 11:20	06/26/17 23:06	1
Dibenz(a,h)anthracene	<0.039		0.23	0.039	ug/L		06/26/17 11:20	06/26/17 23:06	1
Fluoranthene	<0.35		0.77	0.35	ug/L		06/26/17 11:20	06/26/17 23:06	1
Fluorene	<0.19		0.77	0.19	ug/L		06/26/17 11:20	06/26/17 23:06	1
Indeno[1,2,3-cd]pyrene	<0.058		0.15	0.058	ug/L		06/26/17 11:20	06/26/17 23:06	1
Naphthalene	**1.8**		0.77	0.24	ug/L		06/26/17 11:20	06/26/17 23:06	1
Phenanthrene	<0.23		0.77	0.23	ug/L		06/26/17 11:20	06/26/17 23:06	1
Pyrene	<0.33		0.77	0.33	ug/L		06/26/17 11:20	06/26/17 23:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*34 - 110*	*06/26/17 11:20*	*06/26/17 23:06*	*1*
Nitrobenzene-d5 (Surr)	*80*		*36 - 120*	*06/26/17 11:20*	*06/26/17 23:06*	*1*
Terphenyl-d14 (Surr)	*110*		*40 - 145*	*06/26/17 11:20*	*06/26/17 23:06*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: TB-4

Date Collected: 06/22/17 00:00
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-13

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/05/17 14:42	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/05/17 14:42	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/05/17 14:42	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/05/17 14:42	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/05/17 14:42	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/05/17 14:42	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/05/17 14:42	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/05/17 14:42	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/05/17 14:42	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/05/17 14:42	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/05/17 14:42	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/05/17 14:42	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/05/17 14:42	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/05/17 14:42	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/05/17 14:42	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/05/17 14:42	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/05/17 14:42	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/05/17 14:42	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/05/17 14:42	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/05/17 14:42	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/05/17 14:42	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/05/17 14:42	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/05/17 14:42	1
Benzene	<0.15		0.50	0.15	ug/L			07/05/17 14:42	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/05/17 14:42	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/05/17 14:42	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/05/17 14:42	1
Bromoform	<0.48		1.0	0.48	ug/L			07/05/17 14:42	1
Bromomethane	<0.80		2.0	0.80	ug/L			07/05/17 14:42	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/05/17 14:42	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/05/17 14:42	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/05/17 14:42	1
Chloroform	<0.37		2.0	0.37	ug/L			07/05/17 14:42	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/05/17 14:42	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/05/17 14:42	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/05/17 14:42	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/05/17 14:42	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/05/17 14:42	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/05/17 14:42	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/05/17 14:42	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/05/17 14:42	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/05/17 14:42	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 14:42	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/05/17 14:42	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/05/17 14:42	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/05/17 14:42	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 14:42	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/05/17 14:42	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/05/17 14:42	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: TB-4

Date Collected: 06/22/17 00:00
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-13

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 14:42	1
Styrene	<0.39		1.0	0.39	ug/L			07/05/17 14:42	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 14:42	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/05/17 14:42	1
Toluene	<0.15		0.50	0.15	ug/L			07/05/17 14:42	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/05/17 14:42	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/05/17 14:42	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/05/17 14:42	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/05/17 14:42	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/05/17 14:42	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/05/17 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 126*		*07/05/17 14:42*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*		*07/05/17 14:42*	*1*
Dibromofluoromethane	*101*		*75 - 120*		*07/05/17 14:42*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*07/05/17 14:42*	*1*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

GC/MS VOA

Analysis Batch: 391860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-130068-1	MW-111	Total/NA	Water	8260B	
500-130068-2	MW-111 DUP	Total/NA	Water	8260B	
500-130068-3	MW-108	Total/NA	Water	8260B	
500-130068-4	MW-125	Total/NA	Water	8260B	
500-130068-4 - DL	MW-125	Total/NA	Water	8260B	
500-130068-5	P-103	Total/NA	Water	8260B	
500-130068-6	MW-102	Total/NA	Water	8260B	
500-130068-7	MW-104	Total/NA	Water	8260B	
500-130068-13	TB-4	Total/NA	Water	8260B	
MB 500-391860/6	Method Blank	Total/NA	Water	8260B	
LCS 500-391860/4	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 391981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-130068-8	P-110	Total/NA	Water	8260B	
500-130068-9	MW-117	Total/NA	Water	8260B	
500-130068-9 - DL	MW-117	Total/NA	Water	8260B	
500-130068-10	P-120	Total/NA	Water	8260B	
500-130068-11	MW-117 DUP	Total/NA	Water	8260B	
500-130068-11 - DL	MW-117 DUP	Total/NA	Water	8260B	
500-130068-12	MW-1	Total/NA	Water	8260B	
MB 500-391981/6	Method Blank	Total/NA	Water	8260B	
LCS 500-391981/4	Lab Control Sample	Total/NA	Water	8260B	
500-130068-12 MS	MW-1	Total/NA	Water	8260B	
500-130068-12 MSD	MW-1	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 390878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-130068-1	MW-111	Total/NA	Water	3510C	
500-130068-2	MW-111 DUP	Total/NA	Water	3510C	
500-130068-3	MW-108	Total/NA	Water	3510C	
500-130068-4	MW-125	Total/NA	Water	3510C	
500-130068-4 - DL	MW-125	Total/NA	Water	3510C	
500-130068-5	P-103	Total/NA	Water	3510C	
500-130068-6	MW-102	Total/NA	Water	3510C	
500-130068-7	MW-104	Total/NA	Water	3510C	
500-130068-8	P-110	Total/NA	Water	3510C	
500-130068-9	MW-117	Total/NA	Water	3510C	
500-130068-10	P-120	Total/NA	Water	3510C	
500-130068-11	MW-117 DUP	Total/NA	Water	3510C	
500-130068-12	MW-1	Total/NA	Water	3510C	
MB 500-390878/1-A	Method Blank	Total/NA	Water	3510C	
LCS 500-390878/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 500-390878/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 390917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-130068-1	MW-111	Total/NA	Water	8270D	390878

GC/MS Semi VOA (Continued)

Analysis Batch: 390917 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-130068-2	MW-111 DUP	Total/NA	Water	8270D	390878
500-130068-3	MW-108	Total/NA	Water	8270D	390878
500-130068-4	MW-125	Total/NA	Water	8270D	390878
500-130068-5	P-103	Total/NA	Water	8270D	390878
500-130068-7	MW-104	Total/NA	Water	8270D	390878
500-130068-8	P-110	Total/NA	Water	8270D	390878
500-130068-9	MW-117	Total/NA	Water	8270D	390878
500-130068-10	P-120	Total/NA	Water	8270D	390878
500-130068-11	MW-117 DUP	Total/NA	Water	8270D	390878
500-130068-12	MW-1	Total/NA	Water	8270D	390878
MB 500-390878/1-A	Method Blank	Total/NA	Water	8270D	390878
LCS 500-390878/2-A	Lab Control Sample	Total/NA	Water	8270D	390878
LCSD 500-390878/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	390878

Analysis Batch: 391012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-130068-4 - DL	MW-125	Total/NA	Water	8270D	390878

Analysis Batch: 392182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-130068-6	MW-102	Total/NA	Water	8270D	390878

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-130068-1	MW-111	113	99	104	102
500-130068-2	MW-111 DUP	110	98	103	104
500-130068-3	MW-108	114	98	102	102
500-130068-4	MW-125	106	96	99	104
500-130068-4 - DL	MW-125	109	100	100	102
500-130068-5	P-103	114	98	105	103
500-130068-6	MW-102	111	99	103	103
500-130068-7	MW-104	113	100	103	103
500-130068-8	P-110	109	105	102	103
500-130068-9	MW-117	105	99	99	99
500-130068-9 - DL	MW-117	115	103	104	99
500-130068-10	P-120	106	103	100	102
500-130068-11	MW-117 DUP	105	99	96	102
500-130068-11 - DL	MW-117 DUP	108	101	100	101
500-130068-12	MW-1	110	102	103	101
500-130068-12 MS	MW-1	101	102	95	105
500-130068-12 MSD	MW-1	103	103	95	104
500-130068-13	TB-4	105	95	101	101
LCS 500-391860/4	Lab Control Sample	101	100	96	105
LCS 500-391981/4	Lab Control Sample	103	101	94	104
MB 500-391860/6	Method Blank	105	99	100	103
MB 500-391981/6	Method Blank	108	102	101	101

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPH
Lab Sample ID	Client Sample ID	(34-110)	(36-120)	(40-145)
500-130068-1	MW-111	58	71	105
500-130068-2	MW-111 DUP	65	80	109
500-130068-3	MW-108	66	88	108
500-130068-4	MW-125	0 D	0 D	0 D
500-130068-4 - DL	MW-125	0 D	0 D	0 D
500-130068-5	P-103	65	82	100
500-130068-6	MW-102	72	90	114
500-130068-7	MW-104	63	85	105
500-130068-8	P-110	71	89	106
500-130068-9	MW-117	0 D	0 D	0 D
500-130068-10	P-120	70	83	99
500-130068-11	MW-117 DUP	0 D	0 D	0 D
500-130068-12	MW-1	62	80	110
LCS 500-390878/2-A	Lab Control Sample	65	83	106

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPH
Lab Sample ID	**Client Sample ID**	**(34-110)**	**(36-120)**	**(40-145)**
LCSD 500-390878/3-A	Lab Control Sample Dup	60	73	98
MB 500-390878/1-A	Method Blank	68	87	116

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-391860/6
Matrix: Water
Analysis Batch: 391860

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/05/17 13:47	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/05/17 13:47	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/05/17 13:47	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/05/17 13:47	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/05/17 13:47	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/05/17 13:47	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/05/17 13:47	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/05/17 13:47	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/05/17 13:47	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/05/17 13:47	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/05/17 13:47	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/05/17 13:47	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/05/17 13:47	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/05/17 13:47	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/05/17 13:47	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/05/17 13:47	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/05/17 13:47	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/05/17 13:47	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/05/17 13:47	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/05/17 13:47	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/05/17 13:47	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/05/17 13:47	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/05/17 13:47	1
Benzene	<0.15		0.50	0.15	ug/L			07/05/17 13:47	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/05/17 13:47	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/05/17 13:47	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/05/17 13:47	1
Bromoform	<0.48		1.0	0.48	ug/L			07/05/17 13:47	1
Bromomethane	<0.80		2.0	0.80	ug/L			07/05/17 13:47	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/05/17 13:47	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/05/17 13:47	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/05/17 13:47	1
Chloroform	<0.37		2.0	0.37	ug/L			07/05/17 13:47	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/05/17 13:47	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/05/17 13:47	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/05/17 13:47	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/05/17 13:47	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/05/17 13:47	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/05/17 13:47	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/05/17 13:47	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/05/17 13:47	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/05/17 13:47	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 13:47	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/05/17 13:47	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/05/17 13:47	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/05/17 13:47	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 13:47	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/05/17 13:47	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-391860/6
Matrix: Water
Analysis Batch: 391860

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/05/17 13:47	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 13:47	1
Styrene	<0.39		1.0	0.39	ug/L			07/05/17 13:47	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 13:47	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/05/17 13:47	1
Toluene	<0.15		0.50	0.15	ug/L			07/05/17 13:47	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/05/17 13:47	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/05/17 13:47	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/05/17 13:47	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/05/17 13:47	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/05/17 13:47	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/05/17 13:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 126*		*07/05/17 13:47*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*07/05/17 13:47*	*1*
Dibromofluoromethane	*100*		*75 - 120*		*07/05/17 13:47*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*07/05/17 13:47*	*1*

Lab Sample ID: LCS 500-391860/4
Matrix: Water
Analysis Batch: 391860

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	51.0		ug/L		102	70 - 125
1,1,1-Trichloroethane	50.0	46.6		ug/L		93	70 - 125
1,1,2,2-Tetrachloroethane	50.0	54.0		ug/L		108	67 - 127
1,1,2-Trichloroethane	50.0	55.9		ug/L		112	70 - 122
1,1-Dichloroethane	50.0	51.6		ug/L		103	70 - 125
1,1-Dichloroethene	50.0	50.4		ug/L		101	67 - 122
1,1-Dichloropropene	50.0	51.6		ug/L		103	70 - 121
1,2,3-Trichlorobenzene	50.0	46.0		ug/L		92	55 - 140
1,2,3-Trichloropropane	50.0	50.1		ug/L		100	50 - 133
1,2,4-Trichlorobenzene	50.0	45.5		ug/L		91	66 - 127
1,2,4-Trimethylbenzene	50.0	52.2		ug/L		104	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	48.5		ug/L		97	56 - 123
1,2-Dibromoethane	50.0	53.4		ug/L		107	70 - 125
1,2-Dichlorobenzene	50.0	49.3		ug/L		99	70 - 125
1,2-Dichloroethane	50.0	50.3		ug/L		101	68 - 127
1,2-Dichloropropane	50.0	54.7		ug/L		109	67 - 130
1,3,5-Trimethylbenzene	50.0	50.9		ug/L		102	70 - 123
1,3-Dichlorobenzene	50.0	49.8		ug/L		100	70 - 125
1,3-Dichloropropane	50.0	58.4		ug/L		117	62 - 136
1,4-Dichlorobenzene	50.0	49.1		ug/L		98	70 - 120
2,2-Dichloropropane	50.0	40.3		ug/L		81	58 - 129
2-Chlorotoluene	50.0	52.3		ug/L		105	70 - 125
4-Chlorotoluene	50.0	51.7		ug/L		103	68 - 124
Benzene	50.0	50.3		ug/L		101	70 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-391860/4
Matrix: Water
Analysis Batch: 391860

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	50.0	48.2		ug/L		96	70 - 122
Bromochloromethane	50.0	47.7		ug/L		95	65 - 122
Bromodichloromethane	50.0	47.5		ug/L		95	69 - 120
Bromoform	50.0	52.3		ug/L		105	56 - 132
Bromomethane	50.0	36.6		ug/L		73	40 - 130
Carbon tetrachloride	50.0	47.9		ug/L		96	65 - 122
Chlorobenzene	50.0	51.4		ug/L		103	70 - 120
Chloroethane	50.0	37.4		ug/L		75	45 - 127
Chloroform	50.0	48.4		ug/L		97	70 - 120
Chloromethane	50.0	35.2		ug/L		70	54 - 147
cis-1,2-Dichloroethene	50.0	50.3		ug/L		101	70 - 125
cis-1,3-Dichloropropene	50.0	54.3		ug/L		109	64 - 127
Dibromochloromethane	50.0	52.0		ug/L		104	68 - 125
Dibromomethane	50.0	50.8		ug/L		102	70 - 120
Dichlorodifluoromethane	50.0	40.9		ug/L		82	40 - 150
Ethylbenzene	50.0	49.8		ug/L		100	70 - 120
Hexachlorobutadiene	50.0	48.5		ug/L		97	51 - 150
Isopropylbenzene	50.0	50.2		ug/L		100	70 - 126
Methyl tert-butyl ether	50.0	43.4		ug/L		87	70 - 120
Methylene Chloride	50.0	45.5		ug/L		91	69 - 125
Naphthalene	50.0	44.8		ug/L		90	59 - 130
n-Butylbenzene	50.0	52.8		ug/L		106	68 - 125
N-Propylbenzene	50.0	52.6		ug/L		105	69 - 127
p-Isopropyltoluene	50.0	48.9		ug/L		98	70 - 125
sec-Butylbenzene	50.0	50.8		ug/L		102	70 - 123
Styrene	50.0	50.6		ug/L		101	70 - 120
tert-Butylbenzene	50.0	50.3		ug/L		101	70 - 121
Tetrachloroethene	50.0	49.4		ug/L		99	70 - 128
Toluene	50.0	52.6		ug/L		105	70 - 125
trans-1,2-Dichloroethene	50.0	50.8		ug/L		102	70 - 125
trans-1,3-Dichloropropene	50.0	53.8		ug/L		108	62 - 128
Trichloroethene	50.0	46.8		ug/L		94	70 - 125
Trichlorofluoromethane	50.0	48.0		ug/L		96	70 - 126
Vinyl chloride	50.0	51.1		ug/L		102	64 - 126
Xylenes, Total	100	102		ug/L		102	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*
Dibromofluoromethane	*96*		*75 - 120*
Toluene-d8 (Surr)	*105*		*75 - 120*

Lab Sample ID: MB 500-391981/6
Matrix: Water
Analysis Batch: 391981

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/06/17 09:19	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-391981/6
Matrix: Water
Analysis Batch: 391981

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/06/17 09:19	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/06/17 09:19	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/06/17 09:19	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/06/17 09:19	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/06/17 09:19	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/06/17 09:19	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/06/17 09:19	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/06/17 09:19	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/06/17 09:19	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/06/17 09:19	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/06/17 09:19	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/06/17 09:19	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/06/17 09:19	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/06/17 09:19	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/06/17 09:19	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/06/17 09:19	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/06/17 09:19	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/06/17 09:19	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/06/17 09:19	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/06/17 09:19	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/06/17 09:19	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/06/17 09:19	1
Benzene	<0.15		0.50	0.15	ug/L			07/06/17 09:19	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/06/17 09:19	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/06/17 09:19	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/06/17 09:19	1
Bromoform	<0.48		1.0	0.48	ug/L			07/06/17 09:19	1
Bromomethane	<0.80		2.0	0.80	ug/L			07/06/17 09:19	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/06/17 09:19	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/06/17 09:19	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/06/17 09:19	1
Chloroform	<0.37		2.0	0.37	ug/L			07/06/17 09:19	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/06/17 09:19	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/06/17 09:19	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/06/17 09:19	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/06/17 09:19	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/06/17 09:19	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/06/17 09:19	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/06/17 09:19	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/06/17 09:19	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/06/17 09:19	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/06/17 09:19	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/06/17 09:19	1
Methylene Chloride	17.8		5.0	1.6	ug/L			07/06/17 09:19	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/06/17 09:19	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/06/17 09:19	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/06/17 09:19	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/06/17 09:19	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-391981/6
Matrix: Water
Analysis Batch: 391981

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/06/17 09:19	1
Styrene	<0.39		1.0	0.39	ug/L			07/06/17 09:19	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/06/17 09:19	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/06/17 09:19	1
Toluene	<0.15		0.50	0.15	ug/L			07/06/17 09:19	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/06/17 09:19	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/06/17 09:19	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/06/17 09:19	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/06/17 09:19	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/06/17 09:19	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/06/17 09:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 126*		*07/06/17 09:19*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 124*		*07/06/17 09:19*	*1*
Dibromofluoromethane	*101*		*75 - 120*		*07/06/17 09:19*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*07/06/17 09:19*	*1*

Lab Sample ID: LCS 500-391981/4
Matrix: Water
Analysis Batch: 391981

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	46.3		ug/L		93	70 - 125
1,1,1-Trichloroethane	50.0	43.5		ug/L		87	70 - 125
1,1,2,2-Tetrachloroethane	50.0	53.8		ug/L		108	67 - 127
1,1,2-Trichloroethane	50.0	53.3		ug/L		107	70 - 122
1,1-Dichloroethane	50.0	47.9		ug/L		96	70 - 125
1,1-Dichloroethene	50.0	46.0		ug/L		92	67 - 122
1,1-Dichloropropene	50.0	47.8		ug/L		96	70 - 121
1,2,3-Trichlorobenzene	50.0	42.4		ug/L		85	55 - 140
1,2,3-Trichloropropane	50.0	52.0		ug/L		104	50 - 133
1,2,4-Trichlorobenzene	50.0	41.7		ug/L		83	66 - 127
1,2,4-Trimethylbenzene	50.0	47.6		ug/L		95	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	49.0		ug/L		98	56 - 123
1,2-Dibromoethane	50.0	50.8		ug/L		102	70 - 125
1,2-Dichlorobenzene	50.0	45.9		ug/L		92	70 - 125
1,2-Dichloroethane	50.0	48.2		ug/L		96	68 - 127
1,2-Dichloropropane	50.0	51.4		ug/L		103	67 - 130
1,3,5-Trimethylbenzene	50.0	46.9		ug/L		94	70 - 123
1,3-Dichlorobenzene	50.0	46.1		ug/L		92	70 - 125
1,3-Dichloropropane	50.0	57.4		ug/L		115	62 - 136
1,4-Dichlorobenzene	50.0	46.2		ug/L		92	70 - 120
2,2-Dichloropropane	50.0	37.8		ug/L		76	58 - 129
2-Chlorotoluene	50.0	49.0		ug/L		98	70 - 125
4-Chlorotoluene	50.0	48.8		ug/L		98	68 - 124
Benzene	50.0	45.4		ug/L		91	70 - 120
Bromobenzene	50.0	46.4		ug/L		93	70 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-391981/4
Matrix: Water
Analysis Batch: 391981

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromochloromethane	50.0	44.6		ug/L		89	65 - 122
Bromodichloromethane	50.0	45.1		ug/L		90	69 - 120
Bromoform	50.0	51.5		ug/L		103	56 - 132
Bromomethane	50.0	60.4		ug/L		121	40 - 130
Carbon tetrachloride	50.0	43.9		ug/L		88	65 - 122
Chlorobenzene	50.0	47.8		ug/L		96	70 - 120
Chloroethane	50.0	44.8		ug/L		90	45 - 127
Chloroform	50.0	44.8		ug/L		90	70 - 120
Chloromethane	50.0	36.3		ug/L		73	54 - 147
cis-1,2-Dichloroethene	50.0	45.0		ug/L		90	70 - 125
cis-1,3-Dichloropropene	50.0	49.5		ug/L		99	64 - 127
Dibromochloromethane	50.0	49.3		ug/L		99	68 - 125
Dibromomethane	50.0	49.1		ug/L		98	70 - 120
Dichlorodifluoromethane	50.0	39.3		ug/L		79	40 - 150
Ethylbenzene	50.0	45.5		ug/L		91	70 - 120
Hexachlorobutadiene	50.0	45.3		ug/L		91	51 - 150
Isopropylbenzene	50.0	47.2		ug/L		94	70 - 126
Methyl tert-butyl ether	50.0	39.4		ug/L		79	70 - 120
Methylene Chloride	50.0	44.9		ug/L		90	69 - 125
Naphthalene	50.0	41.0		ug/L		82	59 - 130
n-Butylbenzene	50.0	49.4		ug/L		99	68 - 125
N-Propylbenzene	50.0	50.1		ug/L		100	69 - 127
p-Isopropyltoluene	50.0	45.7		ug/L		91	70 - 125
sec-Butylbenzene	50.0	47.6		ug/L		95	70 - 123
Styrene	50.0	46.3		ug/L		93	70 - 120
tert-Butylbenzene	50.0	46.5		ug/L		93	70 - 121
Tetrachloroethene	50.0	46.7		ug/L		93	70 - 128
Toluene	50.0	48.4		ug/L		97	70 - 125
trans-1,2-Dichloroethene	50.0	45.1		ug/L		90	70 - 125
trans-1,3-Dichloropropene	50.0	51.1		ug/L		102	62 - 128
Trichloroethene	50.0	42.6		ug/L		85	70 - 125
Trichlorofluoromethane	50.0	44.4		ug/L		89	70 - 126
Vinyl chloride	50.0	50.3		ug/L		101	64 - 126
Xylenes, Total	100	93.6		ug/L		94	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*
4-Bromofluorobenzene (Surr)	*101*		*72 - 124*
Dibromofluoromethane	*94*		*75 - 120*
Toluene-d8 (Surr)	*104*		*75 - 120*

Lab Sample ID: 500-130068-12 MS
Matrix: Water
Analysis Batch: 391981

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<0.46		50.0	57.9		ug/L		116	70 - 125
1,1,1-Trichloroethane	<0.38		50.0	55.6		ug/L		111	70 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-130068-12 MS
Matrix: Water
Analysis Batch: 391981

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	<0.40	F1	50.0	65.4	F1	ug/L		131	67 - 127
1,1,2-Trichloroethane	<0.35	F1	50.0	64.4	F1	ug/L		129	70 - 122
1,1-Dichloroethane	<0.41		50.0	61.2		ug/L		122	70 - 125
1,1-Dichloroethene	<0.39		50.0	58.8		ug/L		118	67 - 122
1,1-Dichloropropene	<0.30		50.0	60.4		ug/L		121	70 - 121
1,2,3-Trichlorobenzene	<0.46		50.0	52.4		ug/L		105	55 - 140
1,2,3-Trichloropropane	<0.41		50.0	60.8		ug/L		122	50 - 133
1,2,4-Trichlorobenzene	<0.34		50.0	50.1		ug/L		100	66 - 127
1,2,4-Trimethylbenzene	<0.36		50.0	61.0		ug/L		122	70 - 123
1,2-Dibromo-3-Chloropropane	<2.0		50.0	58.4		ug/L		117	56 - 123
1,2-Dibromoethane	<0.39		50.0	60.7		ug/L		121	70 - 125
1,2-Dichlorobenzene	<0.33		50.0	57.9		ug/L		116	70 - 125
1,2-Dichloroethane	<0.39		50.0	59.3		ug/L		119	68 - 127
1,2-Dichloropropane	<0.43	F1	50.0	65.5	F1	ug/L		131	67 - 130
1,3,5-Trimethylbenzene	<0.25		50.0	60.5		ug/L		121	70 - 123
1,3-Dichlorobenzene	<0.40		50.0	57.5		ug/L		115	70 - 125
1,3-Dichloropropane	<0.36		50.0	68.1		ug/L		136	62 - 136
1,4-Dichlorobenzene	<0.36		50.0	57.4		ug/L		115	70 - 120
2,2-Dichloropropane	<0.44		50.0	46.7		ug/L		93	58 - 129
2-Chlorotoluene	<0.31	F1	50.0	62.8	F1	ug/L		126	70 - 125
4-Chlorotoluene	<0.35		50.0	61.9		ug/L		124	68 - 124
Benzene	<0.15		50.0	57.9		ug/L		116	70 - 120
Bromobenzene	<0.36		50.0	58.5		ug/L		117	70 - 122
Bromochloromethane	<0.43		50.0	56.0		ug/L		112	65 - 122
Bromodichloromethane	<0.37		50.0	56.9		ug/L		114	69 - 120
Bromoform	<0.48		50.0	60.7		ug/L		121	56 - 132
Bromomethane	<0.80	F1	50.0	67.6	F1	ug/L		135	40 - 130
Carbon tetrachloride	<0.38		50.0	55.8		ug/L		112	65 - 122
Chlorobenzene	<0.39		50.0	59.8		ug/L		120	70 - 120
Chloroethane	<0.51		50.0	53.9		ug/L		108	45 - 127
Chloroform	<0.37		50.0	57.0		ug/L		114	70 - 120
Chloromethane	<0.32		50.0	35.7		ug/L		71	54 - 147
cis-1,2-Dichloroethene	<0.41		50.0	58.0		ug/L		116	70 - 125
cis-1,3-Dichloropropene	<0.42		50.0	61.2		ug/L		122	64 - 127
Dibromochloromethane	<0.49		50.0	59.9		ug/L		120	68 - 125
Dibromomethane	<0.27		50.0	58.5		ug/L		117	70 - 120
Dichlorodifluoromethane	<0.67		50.0	57.1		ug/L		114	40 - 150
Ethylbenzene	<0.18		50.0	57.7		ug/L		115	70 - 120
Hexachlorobutadiene	<0.45		50.0	58.3		ug/L		117	51 - 150
Isopropylbenzene	<0.39		50.0	61.3		ug/L		123	70 - 126
Methyl tert-butyl ether	<0.39		50.0	49.9		ug/L		100	70 - 120
Methylene Chloride	<1.6		50.0	54.6		ug/L		109	69 - 125
Naphthalene	<0.34		50.0	54.1		ug/L		108	59 - 130
n-Butylbenzene	<0.39		50.0	62.5		ug/L		125	68 - 125
N-Propylbenzene	<0.41		50.0	63.7		ug/L		127	69 - 127
p-Isopropyltoluene	<0.36		50.0	59.7		ug/L		119	70 - 125
sec-Butylbenzene	<0.40	F1	50.0	61.9	F1	ug/L		124	70 - 123
Styrene	<0.39		50.0	57.9		ug/L		116	70 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-130068-12 MS
Matrix: Water
Analysis Batch: 391981

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
tert-Butylbenzene	<0.40		50.0	59.7		ug/L		119	70 - 121
Tetrachloroethene	<0.37		50.0	58.0		ug/L		116	70 - 128
Toluene	<0.15		50.0	61.2		ug/L		122	70 - 125
trans-1,2-Dichloroethene	<0.35		50.0	58.2		ug/L		116	70 - 125
trans-1,3-Dichloropropene	<0.36		50.0	61.1		ug/L		122	62 - 128
Trichloroethene	<0.16		50.0	54.0		ug/L		108	70 - 125
Trichlorofluoromethane	<0.43		50.0	58.5		ug/L		117	70 - 126
Vinyl chloride	<0.20		50.0	63.1		ug/L		126	64 - 126
Xylenes, Total	<0.22		100	117		ug/L		117	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*
4-Bromofluorobenzene (Surr)	*102*		*72 - 124*
Dibromofluoromethane	*95*		*75 - 120*
Toluene-d8 (Surr)	*105*		*75 - 120*

Lab Sample ID: 500-130068-12 MSD
Matrix: Water
Analysis Batch: 391981

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.46		50.0	53.5		ug/L		107	70 - 125	8	20
1,1,1-Trichloroethane	<0.38		50.0	50.3		ug/L		101	70 - 125	10	20
1,1,2,2-Tetrachloroethane	<0.40	F1	50.0	64.3	F1	ug/L		129	67 - 127	2	20
1,1,2-Trichloroethane	<0.35	F1	50.0	61.9	F1	ug/L		124	70 - 122	4	20
1,1-Dichloroethane	<0.41		50.0	56.2		ug/L		112	70 - 125	9	20
1,1-Dichloroethene	<0.39		50.0	53.1		ug/L		106	67 - 122	10	20
1,1-Dichloropropene	<0.30		50.0	54.3		ug/L		109	70 - 121	11	20
1,2,3-Trichlorobenzene	<0.46		50.0	50.3		ug/L		101	55 - 140	4	20
1,2,3-Trichloropropane	<0.41		50.0	61.3		ug/L		123	50 - 133	1	20
1,2,4-Trichlorobenzene	<0.34		50.0	47.0		ug/L		94	66 - 127	7	20
1,2,4-Trimethylbenzene	<0.36		50.0	56.8		ug/L		114	70 - 123	7	20
1,2-Dibromo-3-Chloropropane	<2.0		50.0	54.5		ug/L		109	56 - 123	7	20
1,2-Dibromoethane	<0.39		50.0	58.3		ug/L		117	70 - 125	4	20
1,2-Dichlorobenzene	<0.33		50.0	55.2		ug/L		110	70 - 125	5	20
1,2-Dichloroethane	<0.39		50.0	55.1		ug/L		110	68 - 127	7	20
1,2-Dichloropropane	<0.43	F1	50.0	60.3		ug/L		121	67 - 130	8	20
1,3,5-Trimethylbenzene	<0.25		50.0	56.1		ug/L		112	70 - 123	8	20
1,3-Dichlorobenzene	<0.40		50.0	53.7		ug/L		107	70 - 125	7	20
1,3-Dichloropropane	<0.36		50.0	66.2		ug/L		132	62 - 136	3	20
1,4-Dichlorobenzene	<0.36		50.0	54.1		ug/L		108	70 - 120	6	20
2,2-Dichloropropane	<0.44		50.0	43.1		ug/L		86	58 - 129	8	20
2-Chlorotoluene	<0.31	F1	50.0	58.4		ug/L		117	70 - 125	7	20
4-Chlorotoluene	<0.35		50.0	57.8		ug/L		116	68 - 124	7	20
Benzene	<0.15		50.0	53.2		ug/L		106	70 - 120	8	20
Bromobenzene	<0.36		50.0	55.5		ug/L		111	70 - 122	5	20
Bromochloromethane	<0.43		50.0	51.7		ug/L		103	65 - 122	8	20
Bromodichloromethane	<0.37		50.0	53.0		ug/L		106	69 - 120	7	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-130068-12 MSD
Matrix: Water
Analysis Batch: 391981

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromoform	<0.48		50.0	59.1		ug/L		118	56 - 132	3	20
Bromomethane	<0.80	F1	50.0	66.6	F1	ug/L		133	40 - 130	1	20
Carbon tetrachloride	<0.38		50.0	51.0		ug/L		102	65 - 122	9	20
Chlorobenzene	<0.39		50.0	55.7		ug/L		111	70 - 120	7	20
Chloroethane	<0.51		50.0	54.2		ug/L		108	45 - 127	1	20
Chloroform	<0.37		50.0	52.0		ug/L		104	70 - 120	9	20
Chloromethane	<0.32		50.0	42.9		ug/L		86	54 - 147	18	20
cis-1,2-Dichloroethene	<0.41		50.0	52.8		ug/L		106	70 - 125	9	20
cis-1,3-Dichloropropene	<0.42		50.0	57.0		ug/L		114	64 - 127	7	20
Dibromochloromethane	<0.49		50.0	57.6		ug/L		115	68 - 125	4	20
Dibromomethane	<0.27		50.0	57.2		ug/L		114	70 - 120	2	20
Dichlorodifluoromethane	<0.67		50.0	55.2		ug/L		110	40 - 150	3	20
Ethylbenzene	<0.18		50.0	52.4		ug/L		105	70 - 120	10	20
Hexachlorobutadiene	<0.45		50.0	54.4		ug/L		109	51 - 150	7	20
Isopropylbenzene	<0.39		50.0	57.3		ug/L		115	70 - 126	7	20
Methyl tert-butyl ether	<0.39		50.0	47.4		ug/L		95	70 - 120	5	20
Methylene Chloride	<1.6		50.0	50.4		ug/L		101	69 - 125	8	20
Naphthalene	<0.34		50.0	51.0		ug/L		102	59 - 130	6	20
n-Butylbenzene	<0.39		50.0	57.0		ug/L		114	68 - 125	9	20
N-Propylbenzene	<0.41		50.0	58.8		ug/L		118	69 - 127	8	20
p-Isopropyltoluene	<0.36		50.0	55.8		ug/L		112	70 - 125	7	20
sec-Butylbenzene	<0.40	F1	50.0	57.3		ug/L		115	70 - 123	8	20
Styrene	<0.39		50.0	53.9		ug/L		108	70 - 120	7	20
tert-Butylbenzene	<0.40		50.0	55.6		ug/L		111	70 - 121	7	20
Tetrachloroethene	<0.37		50.0	51.6		ug/L		103	70 - 128	12	20
Toluene	<0.15		50.0	55.5		ug/L		111	70 - 125	10	20
trans-1,2-Dichloroethene	<0.35		50.0	52.1		ug/L		104	70 - 125	11	20
trans-1,3-Dichloropropene	<0.36		50.0	58.5		ug/L		117	62 - 128	4	20
Trichloroethene	<0.16		50.0	49.2		ug/L		98	70 - 125	9	20
Trichlorofluoromethane	<0.43		50.0	57.1		ug/L		114	70 - 126	2	20
Vinyl chloride	<0.20		50.0	61.6		ug/L		123	64 - 126	2	20
Xylenes, Total	<0.22		100	108		ug/L		108	70 - 125	9	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*
Dibromofluoromethane	*95*		*75 - 120*
Toluene-d8 (Surr)	*104*		*75 - 120*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-390878/1-A
Matrix: Water
Analysis Batch: 390917

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 390878

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.24		1.6	0.24	ug/L		06/26/17 11:20	06/26/17 19:01	1
2-Methylnaphthalene	<0.052		1.6	0.052	ug/L		06/26/17 11:20	06/26/17 19:01	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-390878/1-A
Matrix: Water
Analysis Batch: 390917

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 390878

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.25		0.80	0.25	ug/L		06/26/17 11:20	06/26/17 19:01	1
Acenaphthylene	<0.21		0.80	0.21	ug/L		06/26/17 11:20	06/26/17 19:01	1
Anthracene	<0.27		0.80	0.27	ug/L		06/26/17 11:20	06/26/17 19:01	1
Benzo[a]anthracene	<0.045		0.16	0.045	ug/L		06/26/17 11:20	06/26/17 19:01	1
Benzo[a]pyrene	<0.079		0.16	0.079	ug/L		06/26/17 11:20	06/26/17 19:01	1
Benzo[b]fluoranthene	<0.065		0.16	0.065	ug/L		06/26/17 11:20	06/26/17 19:01	1
Benzo[g,h,i]perylene	<0.30		0.80	0.30	ug/L		06/26/17 11:20	06/26/17 19:01	1
Benzo[k]fluoranthene	<0.051		0.16	0.051	ug/L		06/26/17 11:20	06/26/17 19:01	1
Chrysene	<0.055		0.16	0.055	ug/L		06/26/17 11:20	06/26/17 19:01	1
Dibenz(a,h)anthracene	<0.041		0.24	0.041	ug/L		06/26/17 11:20	06/26/17 19:01	1
Fluoranthene	<0.36		0.80	0.36	ug/L		06/26/17 11:20	06/26/17 19:01	1
Fluorene	<0.20		0.80	0.20	ug/L		06/26/17 11:20	06/26/17 19:01	1
Indeno[1,2,3-cd]pyrene	<0.060		0.16	0.060	ug/L		06/26/17 11:20	06/26/17 19:01	1
Naphthalene	<0.25		0.80	0.25	ug/L		06/26/17 11:20	06/26/17 19:01	1
Phenanthrene	<0.24		0.80	0.24	ug/L		06/26/17 11:20	06/26/17 19:01	1
Pyrene	<0.34		0.80	0.34	ug/L		06/26/17 11:20	06/26/17 19:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*68*		*34 - 110*	*06/26/17 11:20*	*06/26/17 19:01*	*1*
Nitrobenzene-d5 (Surr)	*87*		*36 - 120*	*06/26/17 11:20*	*06/26/17 19:01*	*1*
Terphenyl-d14 (Surr)	*116*		*40 - 145*	*06/26/17 11:20*	*06/26/17 19:01*	*1*

Lab Sample ID: LCS 500-390878/2-A
Matrix: Water
Analysis Batch: 390917

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 390878

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1-Methylnaphthalene	32.0	20.1		ug/L		63	38 - 110
2-Methylnaphthalene	32.0	20.1		ug/L		63	34 - 110
Acenaphthene	32.0	24.4		ug/L		76	46 - 110
Acenaphthylene	32.0	25.3		ug/L		79	47 - 110
Anthracene	32.0	29.2		ug/L		91	67 - 110
Benzo[a]anthracene	32.0	31.3		ug/L		98	70 - 120
Benzo[a]pyrene	32.0	30.7		ug/L		96	70 - 120
Benzo[b]fluoranthene	32.0	29.7		ug/L		93	69 - 123
Benzo[g,h,i]perylene	32.0	30.5		ug/L		95	70 - 120
Benzo[k]fluoranthene	32.0	29.5		ug/L		92	70 - 120
Chrysene	32.0	32.4		ug/L		101	68 - 120
Dibenz(a,h)anthracene	32.0	31.0		ug/L		97	70 - 127
Fluoranthene	32.0	30.1		ug/L		94	68 - 120
Fluorene	32.0	27.3		ug/L		85	53 - 120
Indeno[1,2,3-cd]pyrene	32.0	31.2		ug/L		98	65 - 133
Naphthalene	32.0	20.4		ug/L		64	36 - 110
Phenanthrene	32.0	29.5		ug/L		92	65 - 120
Pyrene	32.0	34.3		ug/L		107	70 - 110

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-390878/2-A
Matrix: Water
Analysis Batch: 390917

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 390878

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*65*		*34 - 110*
Nitrobenzene-d5 (Surr)	*83*		*36 - 120*
Terphenyl-d14 (Surr)	*106*		*40 - 145*

Lab Sample ID: LCSD 500-390878/3-A
Matrix: Water
Analysis Batch: 390917

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 390878

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1-Methylnaphthalene			32.0	18.8		ug/L		59	38 - 110	7	20
2-Methylnaphthalene			32.0	18.9		ug/L		59	34 - 110	6	20
Acenaphthene			32.0	23.3		ug/L		73	46 - 110	5	20
Acenaphthylene			32.0	23.9		ug/L		75	47 - 110	6	20
Anthracene			32.0	28.9		ug/L		90	67 - 110	1	20
Benzo[a]anthracene			32.0	30.7		ug/L		96	70 - 120	2	20
Benzo[a]pyrene			32.0	29.9		ug/L		93	70 - 120	3	20
Benzo[b]fluoranthene			32.0	29.7		ug/L		93	69 - 123	0	20
Benzo[g,h,i]perylene			32.0	29.9		ug/L		93	70 - 120	2	20
Benzo[k]fluoranthene			32.0	28.6		ug/L		89	70 - 120	3	20
Chrysene			32.0	31.9		ug/L		100	68 - 120	2	20
Dibenz(a,h)anthracene			32.0	30.5		ug/L		95	70 - 127	2	20
Fluoranthene			32.0	29.7		ug/L		93	68 - 120	1	20
Fluorene			32.0	25.5		ug/L		80	53 - 120	7	20
Indeno[1,2,3-cd]pyrene			32.0	30.4		ug/L		95	65 - 133	3	20
Naphthalene			32.0	19.4		ug/L		61	36 - 110	5	20
Phenanthrene			32.0	28.4		ug/L		89	65 - 120	4	20
Pyrene			32.0	33.5		ug/L		105	70 - 110	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*60*		*34 - 110*
Nitrobenzene-d5 (Surr)	*73*		*36 - 120*
Terphenyl-d14 (Surr)	*98*		*40 - 145*

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: MW-111
Date Collected: 06/22/17 09:45
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	391860	07/05/17 18:53	PMF	TAL CHI
Total/NA	Prep	3510C			390878	06/26/17 11:20	LMC	TAL CHI
Total/NA	Analysis	8270D		1	390917	06/26/17 19:29	GES	TAL CHI

Client Sample ID: MW-111 DUP
Date Collected: 06/22/17 09:50
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	391860	07/05/17 19:21	PMF	TAL CHI
Total/NA	Prep	3510C			390878	06/26/17 11:20	LMC	TAL CHI
Total/NA	Analysis	8270D		1	390917	06/26/17 19:56	GES	TAL CHI

Client Sample ID: MW-108
Date Collected: 06/22/17 10:10
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	391860	07/05/17 19:49	PMF	TAL CHI
Total/NA	Prep	3510C			390878	06/26/17 11:20	LMC	TAL CHI
Total/NA	Analysis	8270D		1	390917	06/26/17 20:23	GES	TAL CHI

Client Sample ID: MW-125
Date Collected: 06/22/17 10:45
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	391860	07/05/17 21:41	PMF	TAL CHI
Total/NA	Analysis	8260B	DL	100	391860	07/05/17 22:09	PMF	TAL CHI
Total/NA	Prep	3510C			390878	06/26/17 11:20	LMC	TAL CHI
Total/NA	Analysis	8270D		50	390917	06/27/17 01:22	GES	TAL CHI
Total/NA	Prep	3510C	DL		390878	06/26/17 11:20	LMC	TAL CHI
Total/NA	Analysis	8270D	DL	200	391012	06/27/17 18:31	AJD	TAL CHI

Client Sample ID: P-103
Date Collected: 06/22/17 10:55
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	391860	07/05/17 20:17	PMF	TAL CHI
Total/NA	Prep	3510C			390878	06/26/17 11:20	LMC	TAL CHI
Total/NA	Analysis	8270D		1	390917	06/26/17 20:50	GES	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: MW-102
Date Collected: 06/22/17 11:00
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	391860	07/05/17 20:45	PMF	TAL CHI
Total/NA	Prep	3510C			390878	06/26/17 11:20	LMC	TAL CHI
Total/NA	Analysis	8270D		1	392182	07/07/17 15:45	AJD	TAL CHI

Client Sample ID: MW-104
Date Collected: 06/22/17 11:25
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	391860	07/05/17 21:13	PMF	TAL CHI
Total/NA	Prep	3510C			390878	06/26/17 11:20	LMC	TAL CHI
Total/NA	Analysis	8270D		1	390917	06/26/17 21:44	GES	TAL CHI

Client Sample ID: P-110
Date Collected: 06/22/17 11:45
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	391981	07/06/17 15:02	EMA	TAL CHI
Total/NA	Prep	3510C			390878	06/26/17 11:20	LMC	TAL CHI
Total/NA	Analysis	8270D		1	390917	06/26/17 22:11	GES	TAL CHI

Client Sample ID: MW-117
Date Collected: 06/22/17 12:05
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		50	391981	07/06/17 16:32	EMA	TAL CHI
Total/NA	Analysis	8260B	DL	500	391981	07/06/17 17:02	EMA	TAL CHI
Total/NA	Prep	3510C			390878	06/26/17 11:20	LMC	TAL CHI
Total/NA	Analysis	8270D		500	390917	06/27/17 01:49	GES	TAL CHI

Client Sample ID: P-120
Date Collected: 06/22/17 12:10
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130068-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	391981	07/06/17 15:32	EMA	TAL CHI
Total/NA	Prep	3510C			390878	06/26/17 11:20	LMC	TAL CHI
Total/NA	Analysis	8270D		1	390917	06/26/17 22:39	GES	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Client Sample ID: MW-117 DUP

Lab Sample ID: 500-130068-11
Date Collected: 06/22/17 12:15
Matrix: Water
Date Received: 06/23/17 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		50	391981	07/06/17 17:32	EMA	TAL CHI
Total/NA	Analysis	8260B	DL	500	391981	07/06/17 18:02	EMA	TAL CHI
Total/NA	Prep	3510C			390878	06/26/17 11:20	LMC	TAL CHI
Total/NA	Analysis	8270D		500	390917	06/27/17 02:16	GES	TAL CHI

Client Sample ID: MW-1

Lab Sample ID: 500-130068-12
Date Collected: 06/22/17 12:45
Matrix: Water
Date Received: 06/23/17 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	391981	07/06/17 16:02	EMA	TAL CHI
Total/NA	Prep	3510C			390878	06/26/17 11:20	LMC	TAL CHI
Total/NA	Analysis	8270D		1	390917	06/26/17 23:06	GES	TAL CHI

Client Sample ID: TB-4

Lab Sample ID: 500-130068-13
Date Collected: 06/22/17 00:00
Matrix: Water
Date Received: 06/23/17 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	391860	07/05/17 14:42	PMF	TAL CHI

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130068-1

Laboratory: TestAmerica Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Wisconsin	State Program	5	999580010	08-31-17 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

(optional)
Report To
Contact: Mike Noel
Company: TetraTech
Address: 175 N Corporate Dr
Address: #100 Brookfield WI 53045
Phone: 262 792 1282
Fax:
E-Mail: mike.noel@tetratech.com

(optional)
Bill To
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-130068
Chain of Custody Number:
Page 1 of 2
Temperature °C of Cooler: 4.0

Client: ~~Beazer~~ Tetratech
Client Project #: 117-2201372.01
Project Name: Beazer East
Project Location/State: WI
Lab Project #: 50007178
Sampler: Ashley Kowalewski
Lab PM: Sand Fredrick

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Lab ID	MS/MSD	Sample ID	Sampling Date (2017)	Sampling Time	# of Containers	Matrix	VOCs (HCl)	PAH-LVI (none)	Comments
1		MW-111	6-22	945	5	W	3	2	
2		MW-111 Dup		950	5		3	2	
3		MW-108		1010	5		3	2	
4		MW-~~B~~125		1045	5		3	2	
5		P-103		1055	5		3	2	
6		MW-102		1100	5		3	2	
7		MW-104		1125	5		3	2	
8		P-110		1145	5		3	2	
9		MW-117		1205	5		3	2	
10		~~MW~~ P-120		1210	5		3	2	

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days _____ Other
Requested Due Date _____

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Ashley Kowalewski	Tetratech	6/22/17	1500	[signature]	TA	06/23/17	1030

Lab Courier
Shipped ✓
Hand Delivered

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments:
500-130068 COC

TAL-4124-500 (1209)
7/7/2017

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

(optional)
Report To
Contact: Mike Noel
Company: Tetratech
Address: 175 N Corporate Dr #100
Address: Brookfield WI 53045
Phone: 262 792 1282
Fax:
E-Mail: mike.noel@tetratech.com

(optional)
Bill To
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-130088
Chain of Custody Number:
Page 2 of 2
Temperature °C of Cooler:

Client: TetraTech
Client Project #: 117-2201372.01
Project Name: Beaver East
Project Location/State: WI
Lab Project #: 50007178
Sampler: Ashley Kowalewski
Lab PM: Sandie Fredrick

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOC	PAH-LVI								Comments
11		MW-117DUP	6-22	1215	5	W	3	2								
12		MW-1		1245	5	W	3	2								
13		TB-4	—	—	1	W	1									

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days _____ Other
Requested Due Date _____

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Ashley Kowalewski	Tetratech	6/22/17	1500	[signature]	TA	06/23/17	1030
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier
Shipped
Hand Delivered

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments:

TAL-4124 (0809) 7/7/2017

ORIGIN ID:RRLA (262) 792-1282
ASHLEY KOWALEWSKI
TETRA TECH
175 N CORPORATE DRIVE
STE 100
BROOKFIELD, WI 53045
UNITED STATES US

SHIP DATE: 22JUN17
ACTWGT: 55.00 LB
CAD: 1104355/INET3850
DIMS: 26x14x14 IN

BILL SENDER

TO ATTN: SAMPLE RECEIVING
TEST AMERICA-CHICAGO
2417 BOND ST

UNIVERSITY PARK IL 60484
(708) 534-5200
REF: 117-4163011 02
INV:
PO:
DEPT

FedEx Express

J171117021401uv

546J1/A502/53C1

FRI - 23 JUN 10:30A
PRIORITY OVERNIGHT
DSR
60484
IL-US ORD

TRK# 0201 7794 7224 1914

79 JOTA

48gt.

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Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 500-130068-1

Login Number: 130068
List Number: 1
Creator: Kelsey, Shawn M

List Source: TestAmerica Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.0c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-130073-1
Client Project/Site: Beazer Oak Creek - 117-2201372.01

For:
Tetra Tech GEO
175 N Corporate Drive
Suite 100
Brookfield, Wisconsin 53045

Attn: Mr. Mike Noel

Authorized for release by:
7/7/2017 5:08:45 PM

Sandie Fredrick, Project Manager II
(920)261-1660
sandie.fredrick@testamericainc.com

LINKS

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Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 500-130073-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-130073-1

Comments
No additional comments.

Receipt
The samples were received on 6/23/2017 10:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.1º C.

GC/MS VOA
Method(s) 8260B: The laboratory control sample (LCS) for 391655 recovered outside control limits for the following analytes: Bromomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The laboratory control sample (LCS) for 391803 recovered outside control limits for the following analytes: Dichlorodifluoromethane and Trichlorofluoromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-123 (500-130073-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270D: The following sample was diluted due to the nature of the sample matrix: MW-123 (500-130073-2). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The following samples required a dilution due to the nature of the sample matrix: MW-123 (500-130073-2). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130073-1

Client Sample ID: MW-129 — Lab Sample ID: 500-130073-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.41	J	1.5	0.049	ug/L	1		8270D	Total/NA
Naphthalene	4.6		0.76	0.23	ug/L	1		8270D	Total/NA

Client Sample ID: MW-123 — Lab Sample ID: 500-130073-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	200		20	7.2	ug/L	20		8260B	Total/NA
1,3,5-Trimethylbenzene	110		20	5.1	ug/L	20		8260B	Total/NA
Benzene	350		10	2.9	ug/L	20		8260B	Total/NA
Ethylbenzene	120		10	3.7	ug/L	20		8260B	Total/NA
Isopropylbenzene	14	J	20	7.7	ug/L	20		8260B	Total/NA
Toluene	140		10	3.0	ug/L	20		8260B	Total/NA
Xylenes, Total	500		20	4.4	ug/L	20		8260B	Total/NA
1-Methylnaphthalene	360		15	2.3	ug/L	10		8270D	Total/NA
2-Methylnaphthalene	470		15	0.49	ug/L	10		8270D	Total/NA
Acenaphthene	240		7.5	2.3	ug/L	10		8270D	Total/NA
Acenaphthylene	18		7.5	2.0	ug/L	10		8270D	Total/NA
Anthracene	30		7.5	2.5	ug/L	10		8270D	Total/NA
Benzo[a]anthracene	19		1.5	0.42	ug/L	10		8270D	Total/NA
Benzo[a]pyrene	13		1.5	0.74	ug/L	10		8270D	Total/NA
Benzo[b]fluoranthene	15		1.5	0.60	ug/L	10		8270D	Total/NA
Benzo[k]fluoranthene	7.6		1.5	0.48	ug/L	10		8270D	Total/NA
Chrysene	16		1.5	0.51	ug/L	10		8270D	Total/NA
Fluoranthene	58		7.5	3.4	ug/L	10		8270D	Total/NA
Fluorene	140		7.5	1.8	ug/L	10		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	6.1		1.5	0.56	ug/L	10		8270D	Total/NA
Phenanthrene	190		7.5	2.3	ug/L	10		8270D	Total/NA
Pyrene	52		7.5	3.2	ug/L	10		8270D	Total/NA
Naphthalene - DL	5200		75	23	ug/L	100		8270D	Total/NA

Client Sample ID: P-121 — Lab Sample ID: 500-130073-3

No Detections.

Client Sample ID: P-113 — Lab Sample ID: 500-130073-4

No Detections.

Client Sample ID: MW-128 — Lab Sample ID: 500-130073-5

No Detections.

Client Sample ID: TB-3 — Lab Sample ID: 500-130073-6

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130073-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130073-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-130073-1	MW-129	Water	06/21/17 14:55	06/23/17 10:30
500-130073-2	MW-123	Water	06/21/17 15:10	06/23/17 10:30
500-130073-3	P-121	Water	06/21/17 15:30	06/23/17 10:30
500-130073-4	P-113	Water	06/21/17 16:15	06/23/17 10:30
500-130073-5	MW-128	Water	06/21/17 16:35	06/23/17 10:30
500-130073-6	TB-3	Water	06/21/17 00:00	06/23/17 10:30

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130073-1

Client Sample ID: MW-129

Date Collected: 06/21/17 14:55
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130073-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/05/17 09:39	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/05/17 09:39	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/05/17 09:39	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/05/17 09:39	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/05/17 09:39	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/05/17 09:39	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/05/17 09:39	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/05/17 09:39	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/05/17 09:39	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/05/17 09:39	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/05/17 09:39	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/05/17 09:39	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/05/17 09:39	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/05/17 09:39	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/05/17 09:39	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/05/17 09:39	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/05/17 09:39	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/05/17 09:39	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/05/17 09:39	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/05/17 09:39	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/05/17 09:39	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/05/17 09:39	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/05/17 09:39	1
Benzene	<0.15		0.50	0.15	ug/L			07/05/17 09:39	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/05/17 09:39	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/05/17 09:39	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/05/17 09:39	1
Bromoform	<0.48		1.0	0.48	ug/L			07/05/17 09:39	1
Bromomethane	<0.80		2.0	0.80	ug/L			07/05/17 09:39	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/05/17 09:39	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/05/17 09:39	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/05/17 09:39	1
Chloroform	<0.37		2.0	0.37	ug/L			07/05/17 09:39	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/05/17 09:39	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/05/17 09:39	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/05/17 09:39	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/05/17 09:39	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/05/17 09:39	1
Dichlorodifluoromethane	<0.67	*	2.0	0.67	ug/L			07/05/17 09:39	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/05/17 09:39	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/05/17 09:39	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/05/17 09:39	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 09:39	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/05/17 09:39	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/05/17 09:39	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 09:39	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/05/17 09:39	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/05/17 09:39	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 09:39	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130073-1

Client Sample ID: MW-129

Date Collected: 06/21/17 14:55
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130073-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.39		1.0	0.39	ug/L			07/05/17 09:39	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 09:39	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/05/17 09:39	1
Toluene	<0.15		0.50	0.15	ug/L			07/05/17 09:39	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/05/17 09:39	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/05/17 09:39	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/05/17 09:39	1
Trichlorofluoromethane	<0.43	*	1.0	0.43	ug/L			07/05/17 09:39	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/05/17 09:39	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/05/17 09:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*75 - 126*		*07/05/17 09:39*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*		*07/05/17 09:39*	*1*
Dibromofluoromethane	*87*		*75 - 120*		*07/05/17 09:39*	*1*
Toluene-d8 (Surr)	*104*		*75 - 120*		*07/05/17 09:39*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.23		1.5	0.23	ug/L		06/26/17 11:20	06/26/17 23:33	1
2-Methylnaphthalene	**0.41**	**J**	1.5	0.049	ug/L		06/26/17 11:20	06/26/17 23:33	1
Acenaphthene	<0.23		0.76	0.23	ug/L		06/26/17 11:20	06/26/17 23:33	1
Acenaphthylene	<0.20		0.76	0.20	ug/L		06/26/17 11:20	06/26/17 23:33	1
Anthracene	<0.25		0.76	0.25	ug/L		06/26/17 11:20	06/26/17 23:33	1
Benzo[a]anthracene	<0.043		0.15	0.043	ug/L		06/26/17 11:20	06/26/17 23:33	1
Benzo[a]pyrene	<0.075		0.15	0.075	ug/L		06/26/17 11:20	06/26/17 23:33	1
Benzo[b]fluoranthene	<0.061		0.15	0.061	ug/L		06/26/17 11:20	06/26/17 23:33	1
Benzo[g,h,i]perylene	<0.28		0.76	0.28	ug/L		06/26/17 11:20	06/26/17 23:33	1
Benzo[k]fluoranthene	<0.048		0.15	0.048	ug/L		06/26/17 11:20	06/26/17 23:33	1
Chrysene	<0.052		0.15	0.052	ug/L		06/26/17 11:20	06/26/17 23:33	1
Dibenz(a,h)anthracene	<0.038		0.23	0.038	ug/L		06/26/17 11:20	06/26/17 23:33	1
Fluoranthene	<0.34		0.76	0.34	ug/L		06/26/17 11:20	06/26/17 23:33	1
Fluorene	<0.18		0.76	0.18	ug/L		06/26/17 11:20	06/26/17 23:33	1
Indeno[1,2,3-cd]pyrene	<0.057		0.15	0.057	ug/L		06/26/17 11:20	06/26/17 23:33	1
Naphthalene	**4.6**		0.76	0.23	ug/L		06/26/17 11:20	06/26/17 23:33	1
Phenanthrene	<0.23		0.76	0.23	ug/L		06/26/17 11:20	06/26/17 23:33	1
Pyrene	<0.32		0.76	0.32	ug/L		06/26/17 11:20	06/26/17 23:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*34 - 110*	*06/26/17 11:20*	*06/26/17 23:33*	*1*
Nitrobenzene-d5 (Surr)	*83*		*36 - 120*	*06/26/17 11:20*	*06/26/17 23:33*	*1*
Terphenyl-d14 (Surr)	*111*		*40 - 145*	*06/26/17 11:20*	*06/26/17 23:33*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130073-1

Client Sample ID: MW-123

Date Collected: 06/21/17 15:10
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130073-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<9.2		20	9.2	ug/L			07/03/17 19:10	20
1,1,1-Trichloroethane	<7.6		20	7.6	ug/L			07/03/17 19:10	20
1,1,2,2-Tetrachloroethane	<8.0		20	8.0	ug/L			07/03/17 19:10	20
1,1,2-Trichloroethane	<7.0		20	7.0	ug/L			07/03/17 19:10	20
1,1-Dichloroethane	<8.2		20	8.2	ug/L			07/03/17 19:10	20
1,1-Dichloroethene	<7.8		20	7.8	ug/L			07/03/17 19:10	20
1,1-Dichloropropene	<5.9		20	5.9	ug/L			07/03/17 19:10	20
1,2,3-Trichlorobenzene	<9.2		20	9.2	ug/L			07/03/17 19:10	20
1,2,3-Trichloropropane	<8.3		20	8.3	ug/L			07/03/17 19:10	20
1,2,4-Trichlorobenzene	<6.8		20	6.8	ug/L			07/03/17 19:10	20
1,2,4-Trimethylbenzene	**200**		20	7.2	ug/L			07/03/17 19:10	20
1,2-Dibromo-3-Chloropropane	<40		100	40	ug/L			07/03/17 19:10	20
1,2-Dibromoethane	<7.7		20	7.7	ug/L			07/03/17 19:10	20
1,2-Dichlorobenzene	<6.7		20	6.7	ug/L			07/03/17 19:10	20
1,2-Dichloroethane	<7.8		20	7.8	ug/L			07/03/17 19:10	20
1,2-Dichloropropane	<8.6		20	8.6	ug/L			07/03/17 19:10	20
1,3,5-Trimethylbenzene	**110**		20	5.1	ug/L			07/03/17 19:10	20
1,3-Dichlorobenzene	<8.0		20	8.0	ug/L			07/03/17 19:10	20
1,3-Dichloropropane	<7.2		20	7.2	ug/L			07/03/17 19:10	20
1,4-Dichlorobenzene	<7.3		20	7.3	ug/L			07/03/17 19:10	20
2,2-Dichloropropane	<8.9		20	8.9	ug/L			07/03/17 19:10	20
2-Chlorotoluene	<6.3		20	6.3	ug/L			07/03/17 19:10	20
4-Chlorotoluene	<7.0		20	7.0	ug/L			07/03/17 19:10	20
Benzene	**350**		10	2.9	ug/L			07/03/17 19:10	20
Bromobenzene	<7.1		20	7.1	ug/L			07/03/17 19:10	20
Bromochloromethane	<8.6		20	8.6	ug/L			07/03/17 19:10	20
Bromodichloromethane	<7.4		20	7.4	ug/L			07/03/17 19:10	20
Bromoform	<9.7		20	9.7	ug/L			07/03/17 19:10	20
Bromomethane	<16	*	40	16	ug/L			07/03/17 19:10	20
Carbon tetrachloride	<7.7		20	7.7	ug/L			07/03/17 19:10	20
Chlorobenzene	<7.7		20	7.7	ug/L			07/03/17 19:10	20
Chloroethane	<10		20	10	ug/L			07/03/17 19:10	20
Chloroform	<7.4		40	7.4	ug/L			07/03/17 19:10	20
Chloromethane	<6.4		20	6.4	ug/L			07/03/17 19:10	20
cis-1,2-Dichloroethene	<8.2		20	8.2	ug/L			07/03/17 19:10	20
cis-1,3-Dichloropropene	<8.3		20	8.3	ug/L			07/03/17 19:10	20
Dibromochloromethane	<9.8		20	9.8	ug/L			07/03/17 19:10	20
Dibromomethane	<5.4		20	5.4	ug/L			07/03/17 19:10	20
Dichlorodifluoromethane	<13		40	13	ug/L			07/03/17 19:10	20
Ethylbenzene	**120**		10	3.7	ug/L			07/03/17 19:10	20
Hexachlorobutadiene	<8.9		20	8.9	ug/L			07/03/17 19:10	20
Isopropyl ether	<5.5		20	5.5	ug/L			07/03/17 19:10	20
Isopropylbenzene	**14**	**J**	20	7.7	ug/L			07/03/17 19:10	20
Methyl tert-butyl ether	<7.9		20	7.9	ug/L			07/03/17 19:10	20
Methylene Chloride	<33		100	33	ug/L			07/03/17 19:10	20
n-Butylbenzene	<7.8		20	7.8	ug/L			07/03/17 19:10	20
N-Propylbenzene	<8.3		20	8.3	ug/L			07/03/17 19:10	20
p-Isopropyltoluene	<7.2		20	7.2	ug/L			07/03/17 19:10	20
sec-Butylbenzene	<8.0		20	8.0	ug/L			07/03/17 19:10	20

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130073-1

Client Sample ID: MW-123

Date Collected: 06/21/17 15:10
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130073-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<7.7		20	7.7	ug/L			07/03/17 19:10	20
tert-Butylbenzene	<8.0		20	8.0	ug/L			07/03/17 19:10	20
Tetrachloroethene	<7.4		20	7.4	ug/L			07/03/17 19:10	20
Toluene	**140**		10	3.0	ug/L			07/03/17 19:10	20
trans-1,2-Dichloroethene	<7.0		20	7.0	ug/L			07/03/17 19:10	20
trans-1,3-Dichloropropene	<7.2		20	7.2	ug/L			07/03/17 19:10	20
Trichloroethene	<3.3		10	3.3	ug/L			07/03/17 19:10	20
Trichlorofluoromethane	<8.5		20	8.5	ug/L			07/03/17 19:10	20
Vinyl chloride	<4.1		10	4.1	ug/L			07/03/17 19:10	20
Xylenes, Total	**500**		20	4.4	ug/L			07/03/17 19:10	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*		*07/03/17 19:10*	*20*
4-Bromofluorobenzene (Surr)	*102*		*72 - 124*		*07/03/17 19:10*	*20*
Dibromofluoromethane	*98*		*75 - 120*		*07/03/17 19:10*	*20*
Toluene-d8 (Surr)	*94*		*75 - 120*		*07/03/17 19:10*	*20*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*75 - 126*		*07/05/17 11:25*	*200*
4-Bromofluorobenzene (Surr)	*97*		*72 - 124*		*07/05/17 11:25*	*200*
Dibromofluoromethane	*88*		*75 - 120*		*07/05/17 11:25*	*200*
Toluene-d8 (Surr)	*103*		*75 - 120*		*07/05/17 11:25*	*200*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**360**		15	2.3	ug/L		06/26/17 11:20	06/27/17 02:43	10
2-Methylnaphthalene	**470**		15	0.49	ug/L		06/26/17 11:20	06/27/17 02:43	10
Acenaphthene	**240**		7.5	2.3	ug/L		06/26/17 11:20	06/27/17 02:43	10
Acenaphthylene	**18**		7.5	2.0	ug/L		06/26/17 11:20	06/27/17 02:43	10
Anthracene	**30**		7.5	2.5	ug/L		06/26/17 11:20	06/27/17 02:43	10
Benzo[a]anthracene	**19**		1.5	0.42	ug/L		06/26/17 11:20	06/27/17 02:43	10
Benzo[a]pyrene	**13**		1.5	0.74	ug/L		06/26/17 11:20	06/27/17 02:43	10
Benzo[b]fluoranthene	**15**		1.5	0.60	ug/L		06/26/17 11:20	06/27/17 02:43	10
Benzo[g,h,i]perylene	<2.8		7.5	2.8	ug/L		06/26/17 11:20	06/27/17 02:43	10
Benzo[k]fluoranthene	**7.6**		1.5	0.48	ug/L		06/26/17 11:20	06/27/17 02:43	10
Chrysene	**16**		1.5	0.51	ug/L		06/26/17 11:20	06/27/17 02:43	10
Dibenz(a,h)anthracene	<0.38		2.2	0.38	ug/L		06/26/17 11:20	06/27/17 02:43	10
Fluoranthene	**58**		7.5	3.4	ug/L		06/26/17 11:20	06/27/17 02:43	10
Fluorene	**140**		7.5	1.8	ug/L		06/26/17 11:20	06/27/17 02:43	10
Indeno[1,2,3-cd]pyrene	**6.1**		1.5	0.56	ug/L		06/26/17 11:20	06/27/17 02:43	10
Phenanthrene	**190**		7.5	2.3	ug/L		06/26/17 11:20	06/27/17 02:43	10
Pyrene	**52**		7.5	3.2	ug/L		06/26/17 11:20	06/27/17 02:43	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*34 - 110*	*06/26/17 11:20*	*06/27/17 02:43*	*10*
Nitrobenzene-d5 (Surr)	*70*		*36 - 120*	*06/26/17 11:20*	*06/27/17 02:43*	*10*
Terphenyl-d14 (Surr)	*104*		*40 - 145*	*06/26/17 11:20*	*06/27/17 02:43*	*10*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130073-1

Client Sample ID: MW-123

Date Collected: 06/21/17 15:10
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130073-2

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	5200		75	23	ug/L		06/26/17 11:20	06/27/17 18:56	100

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130073-1

Client Sample ID: P-121

Date Collected: 06/21/17 15:30
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130073-3

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/05/17 10:05	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/05/17 10:05	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/05/17 10:05	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/05/17 10:05	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/05/17 10:05	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/05/17 10:05	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/05/17 10:05	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/05/17 10:05	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/05/17 10:05	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/05/17 10:05	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/05/17 10:05	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/05/17 10:05	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/05/17 10:05	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/05/17 10:05	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/05/17 10:05	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/05/17 10:05	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/05/17 10:05	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/05/17 10:05	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/05/17 10:05	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/05/17 10:05	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/05/17 10:05	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/05/17 10:05	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/05/17 10:05	1
Benzene	<0.15		0.50	0.15	ug/L			07/05/17 10:05	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/05/17 10:05	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/05/17 10:05	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/05/17 10:05	1
Bromoform	<0.48		1.0	0.48	ug/L			07/05/17 10:05	1
Bromomethane	<0.80		2.0	0.80	ug/L			07/05/17 10:05	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/05/17 10:05	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/05/17 10:05	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/05/17 10:05	1
Chloroform	<0.37		2.0	0.37	ug/L			07/05/17 10:05	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/05/17 10:05	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/05/17 10:05	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/05/17 10:05	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/05/17 10:05	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/05/17 10:05	1
Dichlorodifluoromethane	<0.67	*	2.0	0.67	ug/L			07/05/17 10:05	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/05/17 10:05	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/05/17 10:05	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/05/17 10:05	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 10:05	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/05/17 10:05	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/05/17 10:05	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 10:05	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/05/17 10:05	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/05/17 10:05	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 10:05	1

Client Sample ID: P-121

Date Collected: 06/21/17 15:30
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130073-3

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.39		1.0	0.39	ug/L			07/05/17 10:05	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 10:05	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/05/17 10:05	1
Toluene	<0.15		0.50	0.15	ug/L			07/05/17 10:05	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/05/17 10:05	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/05/17 10:05	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/05/17 10:05	1
Trichlorofluoromethane	<0.43	*	1.0	0.43	ug/L			07/05/17 10:05	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/05/17 10:05	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/05/17 10:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*75 - 126*		*07/05/17 10:05*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*		*07/05/17 10:05*	*1*
Dibromofluoromethane	*88*		*75 - 120*		*07/05/17 10:05*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*07/05/17 10:05*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.23		1.5	0.23	ug/L		06/26/17 11:20	06/27/17 00:00	1
2-Methylnaphthalene	<0.049		1.5	0.049	ug/L		06/26/17 11:20	06/27/17 00:00	1
Acenaphthene	<0.23		0.75	0.23	ug/L		06/26/17 11:20	06/27/17 00:00	1
Acenaphthylene	<0.20		0.75	0.20	ug/L		06/26/17 11:20	06/27/17 00:00	1
Anthracene	<0.25		0.75	0.25	ug/L		06/26/17 11:20	06/27/17 00:00	1
Benzo[a]anthracene	<0.043		0.15	0.043	ug/L		06/26/17 11:20	06/27/17 00:00	1
Benzo[a]pyrene	<0.074		0.15	0.074	ug/L		06/26/17 11:20	06/27/17 00:00	1
Benzo[b]fluoranthene	<0.061		0.15	0.061	ug/L		06/26/17 11:20	06/27/17 00:00	1
Benzo[g,h,i]perylene	<0.28		0.75	0.28	ug/L		06/26/17 11:20	06/27/17 00:00	1
Benzo[k]fluoranthene	<0.048		0.15	0.048	ug/L		06/26/17 11:20	06/27/17 00:00	1
Chrysene	<0.051		0.15	0.051	ug/L		06/26/17 11:20	06/27/17 00:00	1
Dibenz(a,h)anthracene	<0.038		0.23	0.038	ug/L		06/26/17 11:20	06/27/17 00:00	1
Fluoranthene	<0.34		0.75	0.34	ug/L		06/26/17 11:20	06/27/17 00:00	1
Fluorene	<0.18		0.75	0.18	ug/L		06/26/17 11:20	06/27/17 00:00	1
Indeno[1,2,3-cd]pyrene	<0.056		0.15	0.056	ug/L		06/26/17 11:20	06/27/17 00:00	1
Naphthalene	<0.23		0.75	0.23	ug/L		06/26/17 11:20	06/27/17 00:00	1
Phenanthrene	<0.23		0.75	0.23	ug/L		06/26/17 11:20	06/27/17 00:00	1
Pyrene	<0.32		0.75	0.32	ug/L		06/26/17 11:20	06/27/17 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*34 - 110*	*06/26/17 11:20*	*06/27/17 00:00*	*1*
Nitrobenzene-d5 (Surr)	*90*		*36 - 120*	*06/26/17 11:20*	*06/27/17 00:00*	*1*
Terphenyl-d14 (Surr)	*106*		*40 - 145*	*06/26/17 11:20*	*06/27/17 00:00*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130073-1

Client Sample ID: P-113

Date Collected: 06/21/17 16:15
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130073-4

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/05/17 10:32	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/05/17 10:32	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/05/17 10:32	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/05/17 10:32	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/05/17 10:32	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/05/17 10:32	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/05/17 10:32	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/05/17 10:32	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/05/17 10:32	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/05/17 10:32	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/05/17 10:32	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/05/17 10:32	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/05/17 10:32	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/05/17 10:32	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/05/17 10:32	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/05/17 10:32	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/05/17 10:32	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/05/17 10:32	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/05/17 10:32	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/05/17 10:32	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/05/17 10:32	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/05/17 10:32	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/05/17 10:32	1
Benzene	<0.15		0.50	0.15	ug/L			07/05/17 10:32	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/05/17 10:32	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/05/17 10:32	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/05/17 10:32	1
Bromoform	<0.48		1.0	0.48	ug/L			07/05/17 10:32	1
Bromomethane	<0.80		2.0	0.80	ug/L			07/05/17 10:32	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/05/17 10:32	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/05/17 10:32	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/05/17 10:32	1
Chloroform	<0.37		2.0	0.37	ug/L			07/05/17 10:32	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/05/17 10:32	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/05/17 10:32	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/05/17 10:32	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/05/17 10:32	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/05/17 10:32	1
Dichlorodifluoromethane	<0.67	*	2.0	0.67	ug/L			07/05/17 10:32	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/05/17 10:32	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/05/17 10:32	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/05/17 10:32	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 10:32	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/05/17 10:32	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/05/17 10:32	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 10:32	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/05/17 10:32	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/05/17 10:32	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 10:32	1

Client Sample ID: P-113

Lab Sample ID: 500-130073-4

Date Collected: 06/21/17 16:15

Matrix: Water

Date Received: 06/23/17 10:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.39		1.0	0.39	ug/L			07/05/17 10:32	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 10:32	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/05/17 10:32	1
Toluene	<0.15		0.50	0.15	ug/L			07/05/17 10:32	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/05/17 10:32	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/05/17 10:32	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/05/17 10:32	1
Trichlorofluoromethane	<0.43	*	1.0	0.43	ug/L			07/05/17 10:32	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/05/17 10:32	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/05/17 10:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*75 - 126*		*07/05/17 10:32*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*		*07/05/17 10:32*	*1*
Dibromofluoromethane	*90*		*75 - 120*		*07/05/17 10:32*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*07/05/17 10:32*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.22		1.5	0.22	ug/L		06/26/17 11:20	06/27/17 00:27	1
2-Methylnaphthalene	<0.048		1.5	0.048	ug/L		06/26/17 11:20	06/27/17 00:27	1
Acenaphthene	<0.23		0.74	0.23	ug/L		06/26/17 11:20	06/27/17 00:27	1
Acenaphthylene	<0.20		0.74	0.20	ug/L		06/26/17 11:20	06/27/17 00:27	1
Anthracene	<0.25		0.74	0.25	ug/L		06/26/17 11:20	06/27/17 00:27	1
Benzo[a]anthracene	<0.042		0.15	0.042	ug/L		06/26/17 11:20	06/27/17 00:27	1
Benzo[a]pyrene	<0.074		0.15	0.074	ug/L		06/26/17 11:20	06/27/17 00:27	1
Benzo[b]fluoranthene	<0.060		0.15	0.060	ug/L		06/26/17 11:20	06/27/17 00:27	1
Benzo[g,h,i]perylene	<0.28		0.74	0.28	ug/L		06/26/17 11:20	06/27/17 00:27	1
Benzo[k]fluoranthene	<0.048		0.15	0.048	ug/L		06/26/17 11:20	06/27/17 00:27	1
Chrysene	<0.051		0.15	0.051	ug/L		06/26/17 11:20	06/27/17 00:27	1
Dibenz(a,h)anthracene	<0.038		0.22	0.038	ug/L		06/26/17 11:20	06/27/17 00:27	1
Fluoranthene	<0.34		0.74	0.34	ug/L		06/26/17 11:20	06/27/17 00:27	1
Fluorene	<0.18		0.74	0.18	ug/L		06/26/17 11:20	06/27/17 00:27	1
Indeno[1,2,3-cd]pyrene	<0.056		0.15	0.056	ug/L		06/26/17 11:20	06/27/17 00:27	1
Naphthalene	<0.23		0.74	0.23	ug/L		06/26/17 11:20	06/27/17 00:27	1
Phenanthrene	<0.22		0.74	0.22	ug/L		06/26/17 11:20	06/27/17 00:27	1
Pyrene	<0.32		0.74	0.32	ug/L		06/26/17 11:20	06/27/17 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*34 - 110*	*06/26/17 11:20*	*06/27/17 00:27*	*1*
Nitrobenzene-d5 (Surr)	*80*		*36 - 120*	*06/26/17 11:20*	*06/27/17 00:27*	*1*
Terphenyl-d14 (Surr)	*106*		*40 - 145*	*06/26/17 11:20*	*06/27/17 00:27*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130073-1

Client Sample ID: MW-128

Date Collected: 06/21/17 16:35
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130073-5

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/05/17 10:58	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/05/17 10:58	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/05/17 10:58	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/05/17 10:58	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/05/17 10:58	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/05/17 10:58	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/05/17 10:58	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/05/17 10:58	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/05/17 10:58	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/05/17 10:58	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/05/17 10:58	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/05/17 10:58	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/05/17 10:58	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/05/17 10:58	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/05/17 10:58	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/05/17 10:58	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/05/17 10:58	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/05/17 10:58	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/05/17 10:58	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/05/17 10:58	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/05/17 10:58	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/05/17 10:58	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/05/17 10:58	1
Benzene	<0.15		0.50	0.15	ug/L			07/05/17 10:58	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/05/17 10:58	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/05/17 10:58	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/05/17 10:58	1
Bromoform	<0.48		1.0	0.48	ug/L			07/05/17 10:58	1
Bromomethane	<0.80		2.0	0.80	ug/L			07/05/17 10:58	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/05/17 10:58	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/05/17 10:58	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/05/17 10:58	1
Chloroform	<0.37		2.0	0.37	ug/L			07/05/17 10:58	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/05/17 10:58	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/05/17 10:58	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/05/17 10:58	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/05/17 10:58	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/05/17 10:58	1
Dichlorodifluoromethane	<0.67	*	2.0	0.67	ug/L			07/05/17 10:58	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/05/17 10:58	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/05/17 10:58	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/05/17 10:58	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 10:58	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/05/17 10:58	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/05/17 10:58	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 10:58	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/05/17 10:58	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/05/17 10:58	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 10:58	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130073-1

Client Sample ID: MW-128

Date Collected: 06/21/17 16:35
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130073-5

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.39		1.0	0.39	ug/L			07/05/17 10:58	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 10:58	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/05/17 10:58	1
Toluene	<0.15		0.50	0.15	ug/L			07/05/17 10:58	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/05/17 10:58	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/05/17 10:58	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/05/17 10:58	1
Trichlorofluoromethane	<0.43	*	1.0	0.43	ug/L			07/05/17 10:58	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/05/17 10:58	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/05/17 10:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*75 - 126*		*07/05/17 10:58*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 124*		*07/05/17 10:58*	*1*
Dibromofluoromethane	*88*		*75 - 120*		*07/05/17 10:58*	*1*
Toluene-d8 (Surr)	*104*		*75 - 120*		*07/05/17 10:58*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.23		1.5	0.23	ug/L		06/26/17 11:20	06/27/17 00:54	1
2-Methylnaphthalene	<0.050		1.5	0.050	ug/L		06/26/17 11:20	06/27/17 00:54	1
Acenaphthene	<0.24		0.77	0.24	ug/L		06/26/17 11:20	06/27/17 00:54	1
Acenaphthylene	<0.21		0.77	0.21	ug/L		06/26/17 11:20	06/27/17 00:54	1
Anthracene	<0.26		0.77	0.26	ug/L		06/26/17 11:20	06/27/17 00:54	1
Benzo[a]anthracene	<0.043		0.15	0.043	ug/L		06/26/17 11:20	06/27/17 00:54	1
Benzo[a]pyrene	<0.076		0.15	0.076	ug/L		06/26/17 11:20	06/27/17 00:54	1
Benzo[b]fluoranthene	<0.062		0.15	0.062	ug/L		06/26/17 11:20	06/27/17 00:54	1
Benzo[g,h,i]perylene	<0.29		0.77	0.29	ug/L		06/26/17 11:20	06/27/17 00:54	1
Benzo[k]fluoranthene	<0.049		0.15	0.049	ug/L		06/26/17 11:20	06/27/17 00:54	1
Chrysene	<0.052		0.15	0.052	ug/L		06/26/17 11:20	06/27/17 00:54	1
Dibenz(a,h)anthracene	<0.039		0.23	0.039	ug/L		06/26/17 11:20	06/27/17 00:54	1
Fluoranthene	<0.35		0.77	0.35	ug/L		06/26/17 11:20	06/27/17 00:54	1
Fluorene	<0.19		0.77	0.19	ug/L		06/26/17 11:20	06/27/17 00:54	1
Indeno[1,2,3-cd]pyrene	<0.057		0.15	0.057	ug/L		06/26/17 11:20	06/27/17 00:54	1
Naphthalene	<0.24		0.77	0.24	ug/L		06/26/17 11:20	06/27/17 00:54	1
Phenanthrene	<0.23		0.77	0.23	ug/L		06/26/17 11:20	06/27/17 00:54	1
Pyrene	<0.33		0.77	0.33	ug/L		06/26/17 11:20	06/27/17 00:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*34 - 110*	*06/26/17 11:20*	*06/27/17 00:54*	*1*
Nitrobenzene-d5 (Surr)	*76*		*36 - 120*	*06/26/17 11:20*	*06/27/17 00:54*	*1*
Terphenyl-d14 (Surr)	*111*		*40 - 145*	*06/26/17 11:20*	*06/27/17 00:54*	*1*

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130073-1

Client Sample ID: TB-3

Date Collected: 06/21/17 00:00
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130073-6

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/03/17 18:41	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/03/17 18:41	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/03/17 18:41	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/03/17 18:41	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/03/17 18:41	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/03/17 18:41	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/03/17 18:41	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/03/17 18:41	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/03/17 18:41	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/03/17 18:41	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/03/17 18:41	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/03/17 18:41	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/03/17 18:41	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/03/17 18:41	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/03/17 18:41	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/03/17 18:41	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/03/17 18:41	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/03/17 18:41	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/03/17 18:41	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/03/17 18:41	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/03/17 18:41	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/03/17 18:41	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/03/17 18:41	1
Benzene	<0.15		0.50	0.15	ug/L			07/03/17 18:41	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/03/17 18:41	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/03/17 18:41	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/03/17 18:41	1
Bromoform	<0.48		1.0	0.48	ug/L			07/03/17 18:41	1
Bromomethane	<0.80	*	2.0	0.80	ug/L			07/03/17 18:41	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/03/17 18:41	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/03/17 18:41	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/03/17 18:41	1
Chloroform	<0.37		2.0	0.37	ug/L			07/03/17 18:41	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/03/17 18:41	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/03/17 18:41	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/03/17 18:41	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/03/17 18:41	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/03/17 18:41	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/03/17 18:41	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/03/17 18:41	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/03/17 18:41	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/03/17 18:41	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/03/17 18:41	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/03/17 18:41	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/03/17 18:41	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/03/17 18:41	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/03/17 18:41	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/03/17 18:41	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/03/17 18:41	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130073-1

Client Sample ID: TB-3

Date Collected: 06/21/17 00:00
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130073-6

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/17 18:41	1
Styrene	<0.39		1.0	0.39	ug/L			07/03/17 18:41	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/17 18:41	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/03/17 18:41	1
Toluene	<0.15		0.50	0.15	ug/L			07/03/17 18:41	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/03/17 18:41	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/03/17 18:41	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/03/17 18:41	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/03/17 18:41	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/03/17 18:41	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/03/17 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*		*07/03/17 18:41*	*1*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*		*07/03/17 18:41*	*1*
Dibromofluoromethane	*97*		*75 - 120*		*07/03/17 18:41*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*07/03/17 18:41*	*1*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130073-1

GC/MS VOA

Analysis Batch: 391655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-130073-2	MW-123	Total/NA	Water	8260B	
500-130073-6	TB-3	Total/NA	Water	8260B	
MB 500-391655/28	Method Blank	Total/NA	Water	8260B	
LCS 500-391655/5	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 391803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-130073-1	MW-129	Total/NA	Water	8260B	
500-130073-2 - DL	MW-123	Total/NA	Water	8260B	
500-130073-3	P-121	Total/NA	Water	8260B	
500-130073-4	P-113	Total/NA	Water	8260B	
500-130073-5	MW-128	Total/NA	Water	8260B	
MB 500-391803/6	Method Blank	Total/NA	Water	8260B	
LCS 500-391803/4	Lab Control Sample	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 390878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-130073-1	MW-129	Total/NA	Water	3510C	
500-130073-2	MW-123	Total/NA	Water	3510C	
500-130073-2 - DL	MW-123	Total/NA	Water	3510C	
500-130073-3	P-121	Total/NA	Water	3510C	
500-130073-4	P-113	Total/NA	Water	3510C	
500-130073-5	MW-128	Total/NA	Water	3510C	
MB 500-390878/1-A	Method Blank	Total/NA	Water	3510C	
LCS 500-390878/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 500-390878/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 390917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-130073-1	MW-129	Total/NA	Water	8270D	390878
500-130073-2	MW-123	Total/NA	Water	8270D	390878
500-130073-3	P-121	Total/NA	Water	8270D	390878
500-130073-4	P-113	Total/NA	Water	8270D	390878
500-130073-5	MW-128	Total/NA	Water	8270D	390878
MB 500-390878/1-A	Method Blank	Total/NA	Water	8270D	390878
LCS 500-390878/2-A	Lab Control Sample	Total/NA	Water	8270D	390878
LCSD 500-390878/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	390878

Analysis Batch: 391012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-130073-2 - DL	MW-123	Total/NA	Water	8270D	390878

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130073-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-130073-1	MW-129	86	96	87	104
500-130073-2	MW-123	99	102	98	94
500-130073-2 - DL	MW-123	85	97	88	103
500-130073-3	P-121	85	96	88	103
500-130073-4	P-113	86	95	90	103
500-130073-5	MW-128	85	97	88	104
500-130073-6	TB-3	97	108	97	98
LCS 500-391655/5	Lab Control Sample	92	98	88	99
LCS 500-391803/4	Lab Control Sample	82	95	90	104
MB 500-391655/28	Method Blank	98	96	96	96
MB 500-391803/6	Method Blank	85	93	90	103

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPH
Lab Sample ID	Client Sample ID	(34-110)	(36-120)	(40-145)
500-130073-1	MW-129	67	83	111
500-130073-2	MW-123	69	70	104
500-130073-2 - DL	MW-123	0 D	0 D	0 D
500-130073-3	P-121	76	90	106
500-130073-4	P-113	69	80	106
500-130073-5	MW-128	62	76	111
LCS 500-390878/2-A	Lab Control Sample	65	83	106
LCSD 500-390878/3-A	Lab Control Sample Dup	60	73	98
MB 500-390878/1-A	Method Blank	68	87	116

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-391655/28
Matrix: Water
Analysis Batch: 391655

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/03/17 10:39	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/03/17 10:39	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/03/17 10:39	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/03/17 10:39	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/03/17 10:39	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/03/17 10:39	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/03/17 10:39	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/03/17 10:39	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/03/17 10:39	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/03/17 10:39	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/03/17 10:39	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/03/17 10:39	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/03/17 10:39	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/03/17 10:39	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/03/17 10:39	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/03/17 10:39	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/03/17 10:39	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/03/17 10:39	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/03/17 10:39	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/03/17 10:39	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/03/17 10:39	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/03/17 10:39	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/03/17 10:39	1
Benzene	<0.15		0.50	0.15	ug/L			07/03/17 10:39	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/03/17 10:39	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/03/17 10:39	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/03/17 10:39	1
Bromoform	<0.48		1.0	0.48	ug/L			07/03/17 10:39	1
Bromomethane	<0.80		2.0	0.80	ug/L			07/03/17 10:39	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/03/17 10:39	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/03/17 10:39	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/03/17 10:39	1
Chloroform	<0.37		2.0	0.37	ug/L			07/03/17 10:39	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/03/17 10:39	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/03/17 10:39	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/03/17 10:39	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/03/17 10:39	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/03/17 10:39	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/03/17 10:39	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/03/17 10:39	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/03/17 10:39	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/03/17 10:39	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/03/17 10:39	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/03/17 10:39	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/03/17 10:39	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/03/17 10:39	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/03/17 10:39	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/03/17 10:39	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-391655/28
Matrix: Water
Analysis Batch: 391655

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/03/17 10:39	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/17 10:39	1
Styrene	<0.39		1.0	0.39	ug/L			07/03/17 10:39	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/17 10:39	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/03/17 10:39	1
Toluene	<0.15		0.50	0.15	ug/L			07/03/17 10:39	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/03/17 10:39	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/03/17 10:39	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/03/17 10:39	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/03/17 10:39	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/03/17 10:39	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/03/17 10:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*07/03/17 10:39*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*		*07/03/17 10:39*	*1*
Dibromofluoromethane	*96*		*75 - 120*		*07/03/17 10:39*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*07/03/17 10:39*	*1*

Lab Sample ID: LCS 500-391655/5
Matrix: Water
Analysis Batch: 391655

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	49.2		ug/L		98	70 - 125
1,1,1-Trichloroethane	50.0	43.4		ug/L		87	70 - 125
1,1,2,2-Tetrachloroethane	50.0	58.5		ug/L		117	67 - 127
1,1,2-Trichloroethane	50.0	53.6		ug/L		107	70 - 122
1,1-Dichloroethane	50.0	49.2		ug/L		98	70 - 125
1,1-Dichloroethene	50.0	49.0		ug/L		98	67 - 122
1,1-Dichloropropene	50.0	48.5		ug/L		97	70 - 121
1,2,3-Trichlorobenzene	50.0	42.1		ug/L		84	55 - 140
1,2,3-Trichloropropane	50.0	52.1		ug/L		104	50 - 133
1,2,4-Trichlorobenzene	50.0	41.1		ug/L		82	66 - 127
1,2,4-Trimethylbenzene	50.0	51.5		ug/L		103	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	45.8		ug/L		92	56 - 123
1,2-Dibromoethane	50.0	53.6		ug/L		107	70 - 125
1,2-Dichlorobenzene	50.0	50.9		ug/L		102	70 - 125
1,2-Dichloroethane	50.0	45.0		ug/L		90	68 - 127
1,2-Dichloropropane	50.0	52.5		ug/L		105	67 - 130
1,3,5-Trimethylbenzene	50.0	51.4		ug/L		103	70 - 123
1,3-Dichlorobenzene	50.0	50.6		ug/L		101	70 - 125
1,3-Dichloropropane	50.0	56.5		ug/L		113	62 - 136
1,4-Dichlorobenzene	50.0	50.9		ug/L		102	70 - 120
2,2-Dichloropropane	50.0	37.7		ug/L		75	58 - 129
2-Chlorotoluene	50.0	52.2		ug/L		104	70 - 125
4-Chlorotoluene	50.0	51.6		ug/L		103	68 - 124
Benzene	50.0	48.0		ug/L		96	70 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-391655/5
Matrix: Water
Analysis Batch: 391655

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	50.0	51.1		ug/L		102	70 - 122
Bromochloromethane	50.0	47.4		ug/L		95	65 - 122
Bromodichloromethane	50.0	44.6		ug/L		89	69 - 120
Bromoform	50.0	55.6		ug/L		111	56 - 132
Bromomethane	50.0	85.3	*	ug/L		171	40 - 130
Carbon tetrachloride	50.0	43.0		ug/L		86	65 - 122
Chlorobenzene	50.0	49.4		ug/L		99	70 - 120
Chloroethane	50.0	57.7		ug/L		115	45 - 127
Chloroform	50.0	45.2		ug/L		90	70 - 120
Chloromethane	50.0	40.4		ug/L		81	54 - 147
cis-1,2-Dichloroethene	50.0	47.4		ug/L		95	70 - 125
cis-1,3-Dichloropropene	50.0	48.1		ug/L		96	64 - 127
Dibromochloromethane	50.0	49.5		ug/L		99	68 - 125
Dibromomethane	50.0	49.7		ug/L		99	70 - 120
Dichlorodifluoromethane	50.0	42.3		ug/L		85	40 - 150
Ethylbenzene	50.0	48.8		ug/L		98	70 - 120
Hexachlorobutadiene	50.0	48.1		ug/L		96	51 - 150
Isopropylbenzene	50.0	52.1		ug/L		104	70 - 126
Methyl tert-butyl ether	50.0	39.7		ug/L		79	70 - 120
Methylene Chloride	50.0	47.5		ug/L		95	69 - 125
Naphthalene	50.0	38.0		ug/L		76	59 - 130
n-Butylbenzene	50.0	50.9		ug/L		102	68 - 125
N-Propylbenzene	50.0	52.8		ug/L		106	69 - 127
p-Isopropyltoluene	50.0	49.5		ug/L		99	70 - 125
sec-Butylbenzene	50.0	52.5		ug/L		105	70 - 123
Styrene	50.0	50.3		ug/L		101	70 - 120
tert-Butylbenzene	50.0	50.2		ug/L		100	70 - 121
Tetrachloroethene	50.0	50.8		ug/L		102	70 - 128
Toluene	50.0	49.4		ug/L		99	70 - 125
trans-1,2-Dichloroethene	50.0	49.0		ug/L		98	70 - 125
trans-1,3-Dichloropropene	50.0	48.5		ug/L		97	62 - 128
Trichloroethene	50.0	46.6		ug/L		93	70 - 125
Trichlorofluoromethane	50.0	45.7		ug/L		91	70 - 126
Vinyl chloride	50.0	55.2		ug/L		110	64 - 126
Xylenes, Total	100	96.2		ug/L		96	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*
Dibromofluoromethane	*88*		*75 - 120*
Toluene-d8 (Surr)	*99*		*75 - 120*

Lab Sample ID: MB 500-391803/6
Matrix: Water
Analysis Batch: 391803

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/05/17 09:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-391803/6
Matrix: Water
Analysis Batch: 391803

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/05/17 09:12	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/05/17 09:12	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/05/17 09:12	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/05/17 09:12	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/05/17 09:12	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/05/17 09:12	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/05/17 09:12	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			07/05/17 09:12	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/05/17 09:12	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/05/17 09:12	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/05/17 09:12	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/05/17 09:12	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/05/17 09:12	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/05/17 09:12	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/05/17 09:12	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/05/17 09:12	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/05/17 09:12	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/05/17 09:12	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/05/17 09:12	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/05/17 09:12	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/05/17 09:12	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/05/17 09:12	1
Benzene	<0.15		0.50	0.15	ug/L			07/05/17 09:12	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/05/17 09:12	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/05/17 09:12	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/05/17 09:12	1
Bromoform	<0.48		1.0	0.48	ug/L			07/05/17 09:12	1
Bromomethane	<0.80		2.0	0.80	ug/L			07/05/17 09:12	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/05/17 09:12	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/05/17 09:12	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/05/17 09:12	1
Chloroform	<0.37		2.0	0.37	ug/L			07/05/17 09:12	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/05/17 09:12	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/05/17 09:12	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/05/17 09:12	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/05/17 09:12	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/05/17 09:12	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			07/05/17 09:12	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/05/17 09:12	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/05/17 09:12	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/05/17 09:12	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 09:12	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/05/17 09:12	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/05/17 09:12	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/05/17 09:12	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/05/17 09:12	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/05/17 09:12	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/05/17 09:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-391803/6
Matrix: Water
Analysis Batch: 391803

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 09:12	1
Styrene	<0.39		1.0	0.39	ug/L			07/05/17 09:12	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/05/17 09:12	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/05/17 09:12	1
Toluene	<0.15		0.50	0.15	ug/L			07/05/17 09:12	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/05/17 09:12	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/05/17 09:12	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/05/17 09:12	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/05/17 09:12	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			07/05/17 09:12	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/05/17 09:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*75 - 126*		*07/05/17 09:12*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 124*		*07/05/17 09:12*	*1*
Dibromofluoromethane	*90*		*75 - 120*		*07/05/17 09:12*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*07/05/17 09:12*	*1*

Lab Sample ID: LCS 500-391803/4
Matrix: Water
Analysis Batch: 391803

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	48.4		ug/L		97	70 - 125
1,1,1-Trichloroethane	50.0	49.7		ug/L		99	70 - 125
1,1,2,2-Tetrachloroethane	50.0	45.6		ug/L		91	67 - 127
1,1,2-Trichloroethane	50.0	44.9		ug/L		90	70 - 122
1,1-Dichloroethane	50.0	48.4		ug/L		97	70 - 125
1,1-Dichloroethene	50.0	53.4		ug/L		107	67 - 122
1,1-Dichloropropene	50.0	50.6		ug/L		101	70 - 121
1,2,3-Trichlorobenzene	50.0	40.3		ug/L		81	55 - 140
1,2,3-Trichloropropane	50.0	43.7		ug/L		87	50 - 133
1,2,4-Trichlorobenzene	50.0	45.3		ug/L		91	66 - 127
1,2,4-Trimethylbenzene	50.0	51.5		ug/L		103	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	39.4		ug/L		79	56 - 123
1,2-Dibromoethane	50.0	44.8		ug/L		90	70 - 125
1,2-Dichlorobenzene	50.0	49.5		ug/L		99	70 - 125
1,2-Dichloroethane	50.0	43.0		ug/L		86	68 - 127
1,2-Dichloropropane	50.0	48.5		ug/L		97	67 - 130
1,3,5-Trimethylbenzene	50.0	52.6		ug/L		105	70 - 123
1,3-Dichlorobenzene	50.0	51.5		ug/L		103	70 - 125
1,3-Dichloropropane	50.0	45.9		ug/L		92	62 - 136
1,4-Dichlorobenzene	50.0	50.3		ug/L		101	70 - 120
2,2-Dichloropropane	50.0	48.7		ug/L		97	58 - 129
2-Chlorotoluene	50.0	51.4		ug/L		103	70 - 125
4-Chlorotoluene	50.0	50.6		ug/L		101	68 - 124
Benzene	50.0	49.5		ug/L		99	70 - 120
Bromobenzene	50.0	49.0		ug/L		98	70 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-391803/4
Matrix: Water
Analysis Batch: 391803

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromochloromethane	50.0	46.4		ug/L		93	65 - 122
Bromodichloromethane	50.0	44.1		ug/L		88	69 - 120
Bromoform	50.0	43.7		ug/L		87	56 - 132
Bromomethane	50.0	56.0		ug/L		112	40 - 130
Carbon tetrachloride	50.0	47.3		ug/L		95	65 - 122
Chlorobenzene	50.0	50.5		ug/L		101	70 - 120
Chloroethane	50.0	54.9		ug/L		110	45 - 127
Chloroform	50.0	45.4		ug/L		91	70 - 120
Chloromethane	50.0	54.6		ug/L		109	54 - 147
cis-1,2-Dichloroethene	50.0	49.4		ug/L		99	70 - 125
cis-1,3-Dichloropropene	50.0	48.0		ug/L		96	64 - 127
Dibromochloromethane	50.0	45.4		ug/L		91	68 - 125
Dibromomethane	50.0	43.6		ug/L		87	70 - 120
Dichlorodifluoromethane	50.0	76.7	*	ug/L		153	40 - 150
Ethylbenzene	50.0	51.3		ug/L		103	70 - 120
Hexachlorobutadiene	50.0	53.6		ug/L		107	51 - 150
Isopropylbenzene	50.0	52.9		ug/L		106	70 - 126
Methyl tert-butyl ether	50.0	41.6		ug/L		83	70 - 120
Methylene Chloride	50.0	50.6		ug/L		101	69 - 125
Naphthalene	50.0	39.4		ug/L		79	59 - 130
n-Butylbenzene	50.0	53.8		ug/L		108	68 - 125
N-Propylbenzene	50.0	53.4		ug/L		107	69 - 127
p-Isopropyltoluene	50.0	53.9		ug/L		108	70 - 125
sec-Butylbenzene	50.0	53.6		ug/L		107	70 - 123
Styrene	50.0	47.3		ug/L		95	70 - 120
tert-Butylbenzene	50.0	52.8		ug/L		106	70 - 121
Tetrachloroethene	50.0	54.6		ug/L		109	70 - 128
Toluene	50.0	52.6		ug/L		105	70 - 125
trans-1,2-Dichloroethene	50.0	50.3		ug/L		101	70 - 125
trans-1,3-Dichloropropene	50.0	45.5		ug/L		91	62 - 128
Trichloroethene	50.0	48.1		ug/L		96	70 - 125
Trichlorofluoromethane	50.0	63.5	*	ug/L		127	70 - 126
Vinyl chloride	50.0	62.3		ug/L		125	64 - 126
Xylenes, Total	100	99.1		ug/L		99	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*82*		*75 - 126*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*
Dibromofluoromethane	*90*		*75 - 120*
Toluene-d8 (Surr)	*104*		*75 - 120*

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130073-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-390878/1-A
Matrix: Water
Analysis Batch: 390917

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 390878

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.24		1.6	0.24	ug/L		06/26/17 11:20	06/26/17 19:01	1
2-Methylnaphthalene	<0.052		1.6	0.052	ug/L		06/26/17 11:20	06/26/17 19:01	1
Acenaphthene	<0.25		0.80	0.25	ug/L		06/26/17 11:20	06/26/17 19:01	1
Acenaphthylene	<0.21		0.80	0.21	ug/L		06/26/17 11:20	06/26/17 19:01	1
Anthracene	<0.27		0.80	0.27	ug/L		06/26/17 11:20	06/26/17 19:01	1
Benzo[a]anthracene	<0.045		0.16	0.045	ug/L		06/26/17 11:20	06/26/17 19:01	1
Benzo[a]pyrene	<0.079		0.16	0.079	ug/L		06/26/17 11:20	06/26/17 19:01	1
Benzo[b]fluoranthene	<0.065		0.16	0.065	ug/L		06/26/17 11:20	06/26/17 19:01	1
Benzo[g,h,i]perylene	<0.30		0.80	0.30	ug/L		06/26/17 11:20	06/26/17 19:01	1
Benzo[k]fluoranthene	<0.051		0.16	0.051	ug/L		06/26/17 11:20	06/26/17 19:01	1
Chrysene	<0.055		0.16	0.055	ug/L		06/26/17 11:20	06/26/17 19:01	1
Dibenz(a,h)anthracene	<0.041		0.24	0.041	ug/L		06/26/17 11:20	06/26/17 19:01	1
Fluoranthene	<0.36		0.80	0.36	ug/L		06/26/17 11:20	06/26/17 19:01	1
Fluorene	<0.20		0.80	0.20	ug/L		06/26/17 11:20	06/26/17 19:01	1
Indeno[1,2,3-cd]pyrene	<0.060		0.16	0.060	ug/L		06/26/17 11:20	06/26/17 19:01	1
Naphthalene	<0.25		0.80	0.25	ug/L		06/26/17 11:20	06/26/17 19:01	1
Phenanthrene	<0.24		0.80	0.24	ug/L		06/26/17 11:20	06/26/17 19:01	1
Pyrene	<0.34		0.80	0.34	ug/L		06/26/17 11:20	06/26/17 19:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*68*		*34 - 110*	*06/26/17 11:20*	*06/26/17 19:01*	*1*
Nitrobenzene-d5 (Surr)	*87*		*36 - 120*	*06/26/17 11:20*	*06/26/17 19:01*	*1*
Terphenyl-d14 (Surr)	*116*		*40 - 145*	*06/26/17 11:20*	*06/26/17 19:01*	*1*

Lab Sample ID: LCS 500-390878/2-A
Matrix: Water
Analysis Batch: 390917

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 390878

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1-Methylnaphthalene	32.0	20.1		ug/L		63	38 - 110
2-Methylnaphthalene	32.0	20.1		ug/L		63	34 - 110
Acenaphthene	32.0	24.4		ug/L		76	46 - 110
Acenaphthylene	32.0	25.3		ug/L		79	47 - 110
Anthracene	32.0	29.2		ug/L		91	67 - 110
Benzo[a]anthracene	32.0	31.3		ug/L		98	70 - 120
Benzo[a]pyrene	32.0	30.7		ug/L		96	70 - 120
Benzo[b]fluoranthene	32.0	29.7		ug/L		93	69 - 123
Benzo[g,h,i]perylene	32.0	30.5		ug/L		95	70 - 120
Benzo[k]fluoranthene	32.0	29.5		ug/L		92	70 - 120
Chrysene	32.0	32.4		ug/L		101	68 - 120
Dibenz(a,h)anthracene	32.0	31.0		ug/L		97	70 - 127
Fluoranthene	32.0	30.1		ug/L		94	68 - 120
Fluorene	32.0	27.3		ug/L		85	53 - 120
Indeno[1,2,3-cd]pyrene	32.0	31.2		ug/L		98	65 - 133
Naphthalene	32.0	20.4		ug/L		64	36 - 110
Phenanthrene	32.0	29.5		ug/L		92	65 - 120
Pyrene	32.0	34.3		ug/L		107	70 - 110

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-390878/2-A
Matrix: Water
Analysis Batch: 390917

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 390878

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*65*		*34 - 110*
Nitrobenzene-d5 (Surr)	*83*		*36 - 120*
Terphenyl-d14 (Surr)	*106*		*40 - 145*

Lab Sample ID: LCSD 500-390878/3-A
Matrix: Water
Analysis Batch: 390917

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 390878

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1-Methylnaphthalene			32.0	18.8		ug/L		59	38 - 110	7	20
2-Methylnaphthalene			32.0	18.9		ug/L		59	34 - 110	6	20
Acenaphthene			32.0	23.3		ug/L		73	46 - 110	5	20
Acenaphthylene			32.0	23.9		ug/L		75	47 - 110	6	20
Anthracene			32.0	28.9		ug/L		90	67 - 110	1	20
Benzo[a]anthracene			32.0	30.7		ug/L		96	70 - 120	2	20
Benzo[a]pyrene			32.0	29.9		ug/L		93	70 - 120	3	20
Benzo[b]fluoranthene			32.0	29.7		ug/L		93	69 - 123	0	20
Benzo[g,h,i]perylene			32.0	29.9		ug/L		93	70 - 120	2	20
Benzo[k]fluoranthene			32.0	28.6		ug/L		89	70 - 120	3	20
Chrysene			32.0	31.9		ug/L		100	68 - 120	2	20
Dibenz(a,h)anthracene			32.0	30.5		ug/L		95	70 - 127	2	20
Fluoranthene			32.0	29.7		ug/L		93	68 - 120	1	20
Fluorene			32.0	25.5		ug/L		80	53 - 120	7	20
Indeno[1,2,3-cd]pyrene			32.0	30.4		ug/L		95	65 - 133	3	20
Naphthalene			32.0	19.4		ug/L		61	36 - 110	5	20
Phenanthrene			32.0	28.4		ug/L		89	65 - 120	4	20
Pyrene			32.0	33.5		ug/L		105	70 - 110	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*60*		*34 - 110*
Nitrobenzene-d5 (Surr)	*73*		*36 - 120*
Terphenyl-d14 (Surr)	*98*		*40 - 145*

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130073-1

Client Sample ID: MW-129 — Lab Sample ID: 500-130073-1

Date Collected: 06/21/17 14:55
Date Received: 06/23/17 10:30
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	391803	07/05/17 09:39	PMF	TAL CHI
Total/NA	Prep	3510C			390878	06/26/17 11:20	LMC	TAL CHI
Total/NA	Analysis	8270D		1	390917	06/26/17 23:33	GES	TAL CHI

Client Sample ID: MW-123 — Lab Sample ID: 500-130073-2

Date Collected: 06/21/17 15:10
Date Received: 06/23/17 10:30
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	200	391803	07/05/17 11:25	PMF	TAL CHI
Total/NA	Analysis	8260B		20	391655	07/03/17 19:10	PMF	TAL CHI
Total/NA	Prep	3510C			390878	06/26/17 11:20	LMC	TAL CHI
Total/NA	Analysis	8270D		10	390917	06/27/17 02:43	GES	TAL CHI
Total/NA	Prep	3510C	DL		390878	06/26/17 11:20	LMC	TAL CHI
Total/NA	Analysis	8270D	DL	100	391012	06/27/17 18:56	AJD	TAL CHI

Client Sample ID: P-121 — Lab Sample ID: 500-130073-3

Date Collected: 06/21/17 15:30
Date Received: 06/23/17 10:30
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	391803	07/05/17 10:05	PMF	TAL CHI
Total/NA	Prep	3510C			390878	06/26/17 11:20	LMC	TAL CHI
Total/NA	Analysis	8270D		1	390917	06/27/17 00:00	GES	TAL CHI

Client Sample ID: P-113 — Lab Sample ID: 500-130073-4

Date Collected: 06/21/17 16:15
Date Received: 06/23/17 10:30
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	391803	07/05/17 10:32	PMF	TAL CHI
Total/NA	Prep	3510C			390878	06/26/17 11:20	LMC	TAL CHI
Total/NA	Analysis	8270D		1	390917	06/27/17 00:27	GES	TAL CHI

Client Sample ID: MW-128 — Lab Sample ID: 500-130073-5

Date Collected: 06/21/17 16:35
Date Received: 06/23/17 10:30
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	391803	07/05/17 10:58	PMF	TAL CHI
Total/NA	Prep	3510C			390878	06/26/17 11:20	LMC	TAL CHI
Total/NA	Analysis	8270D		1	390917	06/27/17 00:54	GES	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130073-1

Client Sample ID: TB-3

Date Collected: 06/21/17 00:00
Date Received: 06/23/17 10:30

Lab Sample ID: 500-130073-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	391655	07/03/17 18:41	PMF	TAL CHI

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201372.01

TestAmerica Job ID: 500-130073-1

Laboratory: TestAmerica Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Wisconsin	State Program	5	999580010	08-31-17 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

2.5/2.5 (optional)

Report To
Contact: Mike Noel
Company: Tetra Tech
Address: 175 N. Corporate Dr #100
Address: Brookfield WI 53045
Phone: 262 792 1282
Fax:
E-Mail: mike.noel@tetratech.com

(optional)

Bill To
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-130073

Chain of Custody Number:

Page ____ of ____

Temperature °C of Cooler: 2.1

500-130073 COC

Client: TetraTech
Client Project #: 117-2201372.01
Project Name: Beazer East
Project Location/State: WI
Lab Project #: 50007178
Sampler: Ashley Kowalewski
Lab PM: Sandie Fredrick

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOCs (Preservative: HCl)	PAH-LVI (Preservative: none)							Comments
1		MW-129	6-20-17	1455	5	W	3	2							
2		MW-123		1510	5	W	3	2							
3		P-121		1530	5	W	3	2							
4		P-113		1615	4	W	2	2							
5		MW-128		1635	5	W	3	2							
6		TB-3	—	—	1	W	1								lab prepared

Parameter

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days _____ Other
Requested Due Date _____

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	JAC	6-22-17	1700	[signature]	TA	06/23/17	1030
[signature]							

Lab Courier ☐
Shipped ✓
Hand Delivered ☐

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments
* all samples were taken on the 21st *
↳ ignore 20th written on samples
& PAHs

Lab Comments:

TAL-4124-500 (1209) 7/7/2017

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 500-130073-1

Login Number: 130073
List Number: 1
Creator: Kelsey, Shawn M

List Source: TestAmerica Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.1c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	