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			02-41-553761
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

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

Tetra Tech Inc. (on behalf of Beazer East)

Sample Results (Results Attached)

Reason for Sampling: ○ Routine ◉ Other (define) Pre-Design Investigation on Depot Road

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
13555 Bishops Court, Suite 201	Brookfield	WI	53005

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)
Mulcahy	Connor	(414) 704-4348

Address	City	State	ZIP Code
1027 West St. Paul Ave	Milwaukee	WI	53233

Email

connor.mulcahy@wisconsin.gov

CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO FRE 408 AND WIS. STAT. § 904.08

TETRA TECH

November 21, 2023

Mr. Connor P. Mulcahy
Hydrogeologist – Southeast Region
Remediation and Redevelopment Program
Department of Natural Resources
1027 W. Saint Paul Avenue
Milwaukee, WI 53233

Subject: Data Submittal for Step-Out Depot Road Soil Sampling

Former Koppers Tar Plant and Wabash Alloys Site
9100 South 5th Avenue, Oak Creek, WI 53154
FID #: 241379050; BRRTS # 02-41-553761
Connell VPLE BRRTS #: 06-41-560068

City of Oak Creek Utility Corridor Lot 1
9170 South 5th Avenue, Oak Creek, WI 53154
FID #: 341074470; BRRTS #: 02-41-561425

Dear Mr. Mulcahy:

On behalf of Beazer East, Inc., and in accordance with NR 716.14(2), enclosed are the step-out soil sampling results from the Depot Road Investigation conducted at the Former Koppers Tar Plant and Wabash Alloys (Site). In accordance with the approved July 21, 2023 Remedial Action Plan (RAP), and correspondence sent October 10, 2023, soil samples were collected from 21 step-out locations (see Figure 1). Samples were submitted for laboratory analyses of volatile organic compounds (VOCs, by Method 8260D) and semi-volatile organic compounds (SVOCs, by Method 8270E). As discussed in Section 2.2.4 of the RAP, additional samples were collected in support of a fingerprint evaluation for comparison to Site impacts. Two samples of asphalt from Depot Road were also analyzed for SVOCs. The lab report is attached along with summary tables of VOC and SVOC results.

The results show that non-site related chlorinated VOCs (trichloroethene, chloroform, and methylene chloride) were detected, however, these were also detected in the laboratory blank and not detected in the initial samples, and are therefore suspected lab artifacts.

The SVOC results show that several PAH compounds exceeded the non-industrial direct contact RCL (RCL_{DC}) and/or the protection of groundwater RCL (RCL_{GWP}) at 10 of the 21 soil borings (DR-1/2A, DR-1A, DR-2/3A, DR-3/4A, DR-5A, DR-7/8A, DR-7A, DR-9/12A, DR-10A, and DR-13/14A). The exceedances occurred only in the shallow soil sample interval (0-4' bgs) except for at boring DR-1/2A

TETRA TECH
13555 Bishops Court, Suite 201, Brookfield, WI 53005
Tel 262.792.1282 www.tetratech.com

which occurred in the deep soil sample interval (4-8' bgs). The analytical results of asphalt samples from Depot Road show the same PAH compounds as those found in the soil and at concentrations exceeding the RCL_{DC} and/or RCL_{GWP}.

In accordance with the RAP, step out borings will be installed adjacent to borehole locations that had RCL exceedances (see Figure 1). Shallow soil samples (0-4' bgs) will be collected from all step-out locations and deep soil samples (4-8' bgs) will additionally be collected from only the DR-1/2A step-out locations.

Per the RAP, a Depot Road ROW Investigation Status Update Report will be submitted following completion of the delineation and fingerprint evaluation for comparison to Site impacts.

If you have any questions, please feel free to contact us.

Sincerely,

Tetra Tech, Inc.

Michael R. Noel, P.G.
Principal Hydrogeologist
(262) 853-4983
Mike.Noel@tetratech.com

Attachments

cc: Judy Fassbender, DNR – judy.fassbender@wisconsin.gov
Michele Norman, DNR – michele.norman@wisconsin.gov
Angela Carey, DNR – angela.carey@wisconsin.gov
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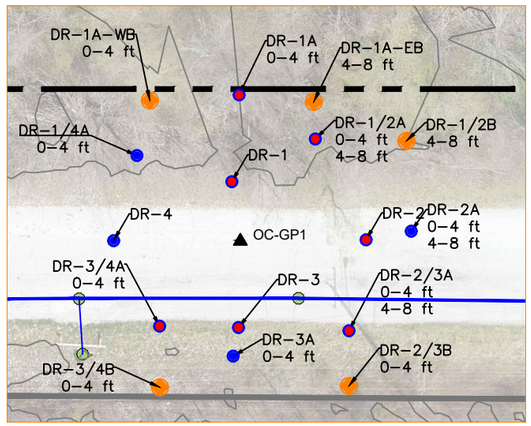
Larry Haskin, City of Oak Creek - lhaskin@haskinkarls.com
Art Harrington, Godfrey & Kahn/City of Oak Creek - ajharrin@gklaw.com
Scott Tarmann, Ramboll – starmann@ramboll.com

CONFIDENTIAL SETTLEMENT COMMUNICATION
SUBJECT TO FRE 408 AND WIS. STAT. § 904.08



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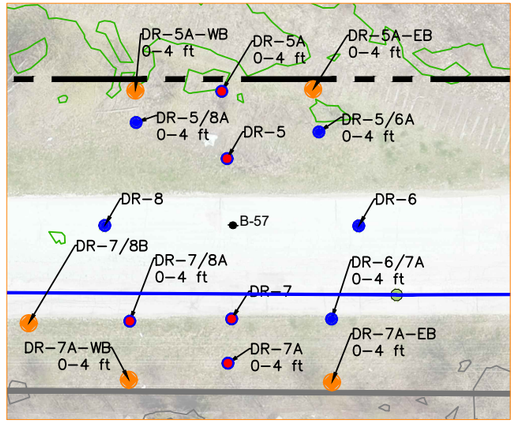
SCALE IN FEET



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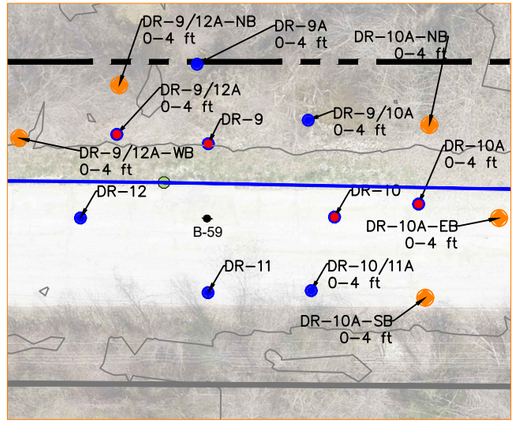

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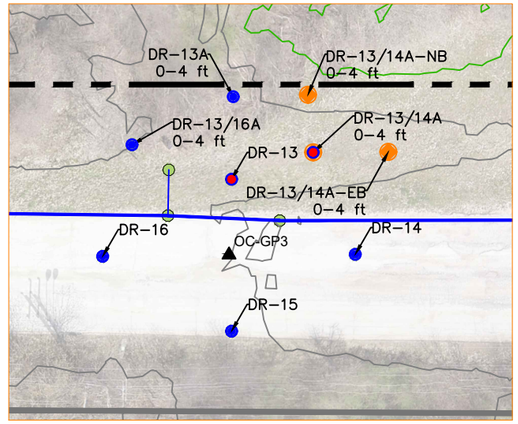

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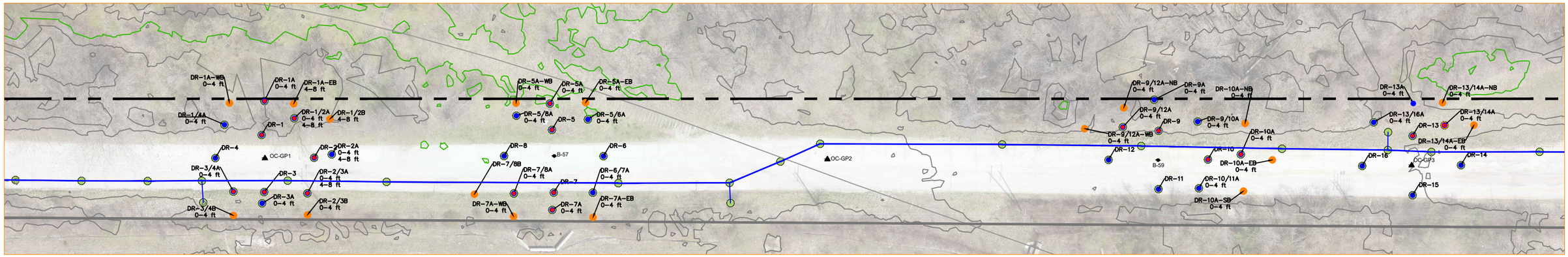

LEGEND

- PRIMARY SOIL BORING
- EXCEEDANCE OF CRITERIA
- PROPOSED STEPOUT SOIL BORING
- B-01 SOIL BORING
- OC-GP1 GEOPROBE (CITY OF OAK CREEK)
- DEPOT ROAD ROW
- DEPOT ROAD ROW

N

0 50 100

SCALE IN FEET

TITLE: FORMER KOPPERS TAR PLANT AND WABASH ALLOYS SITE
DEPOT ROAD INVESTIGATION
ADDITIONAL STEP OUT SOIL BORING LOCATIONS

LOCATION: OAK CREEK, WISCONSIN

TETRA TECH

CHECKED	MRN
DRAFTED	JRD
PROJECT	117-2201512
DATE	11/21/23

FIGURE: 1

	DC $_{N-I}$	**GWP**		DR-1/2A		DR-1/2A		DR-1/4A		DR-1A		DR-2/3A		DR-2/3A	
			Units	1.5-2.5'		5.5-6.5'		2-3'		2-3'		2-3'		5-6'	
1,1,1,2-Tetrachloroethane	*2,590*	**53**	ug/Kg	<37		<42		<39		<43		<39		<36	
1,1,1-Trichloroethane	*640,000*	**140**	ug/Kg	<30		<35		<32		<35		<32		<30	
1,1,2,2-Tetrachloroethane	*753*	**0.2**	ug/Kg	<32		<36		<34		<37		<34		<31	
1,1,2-Trichloroethane	*1,480*	**3.2**	ug/Kg	<28		<32		<30		<33		<30		<28	
1,1-Dichloroethane	*608*	**483**	ug/Kg	<33	*+	<38		<35		<38		<35	*+	<32	
1,1-Dichloroethene	*342,000*	**5**	ug/Kg	<31		<36		<33		<36		<33		<31	
1,1-Dichloropropene			ug/Kg	<24		<27		<25		<28		<25		<24	
1,2,3-Trichlorobenzene	*48,900*		ug/Kg	<36		<42		<39		<42		<39		<36	
1,2,3-Trichloropropane	*5*	**52**	ug/Kg	<33		<38		<35		<38		<35		<33	
1,2,4-Trichlorobenzene	*22,100*	**408**	ug/Kg	<27		<31		<29		<32		<29		<27	
1,2,4-Trimethylbenzene	*89,800*	**1,379**	ug/Kg	<28	*+	<33		<30		<33		32	J *+	<28	
1,2-Dibromo-3-Chloropropane	*8*	**0.2**	ug/Kg	<160	*+	<180		<170		<180		<170	*+	<160	
1,2-Dibromoethane (EDB)	*47*	**0.03**	ug/Kg	<31		<35		<33		<36		<33		<30	
1,2-Dichlorobenzene	*376,000*	**1,168**	ug/Kg	<27		<31		<28		<31		<28		<26	
1,2-Dichloroethane	*608*	**2.8**	ug/Kg	<31	*+	<36		<33		<36		<33	*+	<31	
1,2-Dichloropropane	*1,330*	**3.3**	ug/Kg	<34		<39		<36		<40		<36		<34	
1,3,5-Trimethylbenzene	*182,000*	**1,379**	ug/Kg	<30	*+	<35		<32		<35		<32	*+	<30	
1,3-Dichlorobenzene	*297,000*	**1,152**	ug/Kg	<32		<37		<34		<37		<34		<32	
1,3-Dichloropropane	*1,490,000*		ug/Kg	<29		<33		<31		<34		<31		<29	
1,4-Dichlorobenzene	*3,480*	**144**	ug/Kg	<29		<33		<31		<34		<31		<29	
2,2-Dichloropropane	*527,000*		ug/Kg	<35	*+	<41		<38		<41		<37	*+	<35	
2-Chlorotoluene	*907,000*		ug/Kg	<25	*+	<29		<27		<29		<26	*+	<25	
4-Chlorotoluene	*253,000*		ug/Kg	<28	*+	<32		<30		<32		<30	*+	<28	
Benzene	*1,490*	**5.1**	ug/Kg	<12		<13		<12		<14		<12		<12	
Bromobenzene	*354,000*		ug/Kg	<28	*+	<33		<30		<33		<30	*+	<28	
Bromochloromethane	*232,000*		ug/Kg	<34		<39		<36		<40		<36		<34	
Bromodichloromethane	*390*	**0.3**	ug/Kg	<30	*+	<34		<32		<34		<31	*+	<29	
Bromoform	*61,600*	**2.3**	ug/Kg	<38	*+	<44		<41		<45		<41	*+	<38	
Bromomethane	*10,300*	**5.1**	ug/Kg	<63	*+	<73		<68		<74		<67	*+	<63	
Carbon tetrachloride	*854*	**3.9**	ug/Kg	<31		<35		<33		<36		<32		<30	
Chlorobenzene	*392,000*		ug/Kg	<31		<35		<33		<36		<33		<30	
Chloroethane		**226**	ug/Kg	<40		<46		<43		<47		<43		<40	
Chloroform	*423*	**3.3**	ug/Kg	**57**	J B	**42**	J	**47**	J	**42**	J	**62**	J B	**35**	J
Chloromethane	*171,000*	**15.5**	ug/Kg	<25		<29		<27		<30		<27		<25	
cis-1,2-Dichloroethene	*156,000*	**41.2**	ug/Kg	<32		<37		<35		<38		<34		<32	
cis-1,3-Dichloropropene	*1,220,000*	**0.3**	ug/Kg	<33		<38		<35		<39		<35		<33	
Dibromochloromethane	*933*	**32**	ug/Kg	<39	*+	<45		<42		<45		<41	*+	<39	
Dibromomethane	*35,000*		ug/Kg	<21		<25		<23		<25		<23		<21	
Dichlorodifluoromethane	*135,000*	**3,082**	ug/Kg	<54		<62		<57		<62		<57		<53	
Ethylbenzene	*7,470*	**1,570**	ug/Kg	<15		<17		<16		<17		<15		<14	
Hexachlorobutadiene	*6,230*		ug/Kg	<35		<41		<38		<41		<38		<35	
Isopropyl ether			ug/Kg	<22		<25		<24		<26		<23		<22	
Isopropylbenzene			ug/Kg	<31	*+	<35		<33		<36		<32	*+	<30	
Methyl tert-butyl ether	*59,400*	**27**	ug/Kg	<31		<36		<34		<37		<33		<31	
Methylene Chloride	*60,700*	**2.6**	ug/Kg	<130		<150		<140		<150		160	J B	<130	
Naphthalene	*5,150*	**658.7**	ug/Kg	<27		37	J	<28		<31		140		<26	
n-Butylbenzene	*108,000*		ug/Kg	<31		<36		<33		<36		<33		<31	
N-Propylbenzene			ug/Kg	<33	*+	<38		<35		<38		<35	*+	<33	
p-Isopropyltoluene	*162,000*		ug/Kg	<29	*+	<33		<31		<34		<31	*+	<29	
sec-Butylbenzene	*145,000*		ug/Kg	<32	*+	<36		<34		<37		<34	*+	<31	
Styrene	*867,000*	**220**	ug/Kg	<31	*+	<35		<33		<36		<33	*+	<30	
tert-Butylbenzene	*183,000*		ug/Kg	<32	*+	<36		<34		<37		<34	*+	<31	
Tetrachloroethene	*30,700*	**4.5**	ug/Kg	<29		<34		<32		<34		<31		<29	
Toluene	*818,000*	**1,107**	ug/Kg	<12		79		<13		<14		29		<12	
trans-1,2-Dichloroethene	*211,000*	**58.8**	ug/Kg	<28		<32		<30		<32		<30		<28	
trans-1,3-Dichloropropene	*1,570,000*	**0.3**	ug/Kg	<29		<33		<31		<34		<31		<29	
Trichloroethene	*644*	**3.6**	ug/Kg	<13		**30**	J B	**22**	J B	**25**	J B	<14		**21**	J B
Trichlorofluoromethane	*1,120,000*		ug/Kg	<34		<39		<36		<40		<36		<34	
Vinyl chloride	*67*	**0.14**	ug/Kg	<21		<24		<22		<24		<22		<21	
Xylenes, Total	*258,000*	**3,940**	ug/Kg	<17		<20		<19		<20		73		<17	
Total VOCs			ug/Kg	57		188		69		67		496		56	

DC $_{N-I}$: Non-Industrial Direct Contact

GWP: Groundwater Pathway

*- LCS and/or LCSD is outside acceptance limits, low biased.

*+ LCS and/or LCSD is outside acceptance limits, high biased.

F1 MS and/or MSD recovery exceeds control limits.

J Result is less than the RL but greater than or equal to the MDL

B Compound was found in the blank and sample.

	DC_{N-I}	GWP		DR-2A		DR-2A		DR-3/4A		DR-3A		DR-5/6A		DR-5/8A	
			Units	1.2-2.2'		5-6'		2-3'		3-4'		1.5-2.5'		2.5-3.5'	
1,1,1,2-Tetrachloroethane	*2,590*	**53**	ug/Kg	<40		<32		<44		<37		<45		<37	
1,1,1-Trichloroethane	*640,000*	**140**	ug/Kg	<33		<26		<36		<30		<37		<31	
1,1,2,2-Tetrachloroethane	*753*	**0.2**	ug/Kg	<34		<27		<38		<32		<39		<32	
1,1,2-Trichloroethane	*1,480*	**3.2**	ug/Kg	<30		<24		<33		<28		<34		<28	
1,1-Dichloroethane	*608*	**483**	ug/Kg	<35	*+	<28		<39		<33		<40		<33	
1,1-Dichloroethene	*342,000*	**5**	ug/Kg	<33		<27		<37		<31		<38		<32	
1,1-Dichloropropene			ug/Kg	<25		<20		<28		<24		<29		<24	
1,2,3-Trichlorobenzene	*48,900*		ug/Kg	<39		<31		<43		<37		<45		<37	
1,2,3-Trichloropropane	*5*	**52**	ug/Kg	<35		<28		<39		<33		<41		<33	
1,2,4-Trichlorobenzene	*22,100*	**408**	ug/Kg	<29		<23		<32		<27		<34		<28	
1,2,4-Trimethylbenzene	*89,800*	**1,379**	ug/Kg	<31	*+	<25		<34		<29		<35		<29	
1,2-Dibromo-3-Chloropropane	*8*	**0.2**	ug/Kg	<170	*+	<140		<190		<160		<190		<160	
1,2-Dibromoethane (EDB)	*47*	**0.03**	ug/Kg	<33		<26		<36		<31		<38		<31	
1,2-Dichlorobenzene	*376,000*	**1,168**	ug/Kg	<29		<23		<32		<27		<33		<27	
1,2-Dichloroethane	*608*	**2.8**	ug/Kg	<34	*+	<27		<37		<31		<38		<32	
1,2-Dichloropropane	*1,330*	**3.3**	ug/Kg	<37		<29		<40		<34		<42		<35	
1,3,5-Trimethylbenzene	*182,000*	**1,379**	ug/Kg	<33	*+	<26		<36		<30		<37		<31	
1,3-Dichlorobenzene	*297,000*	**1,152**	ug/Kg	<34		<27		<38		<32		<39		<32	
1,3-Dichloropropane	*1,490,000*		ug/Kg	<31		<25		<34		<29		<35		<29	
1,4-Dichlorobenzene	*3,480*	**144**	ug/Kg	<31		<25		<34		<29		<36		<29	
2,2-Dichloropropane	*527,000*		ug/Kg	<38	*+	<30		<42		<36		<43		<36	
2-Chlorotoluene	*907,000*		ug/Kg	<27	*+	<22		<30		<25		<31		<25	
4-Chlorotoluene	*253,000*		ug/Kg	<30	*+	<24		<33		<28		<34		<28	
Benzene	*1,490*	**5.1**	ug/Kg	<12		<10		<14		<12		<14		<12	
Bromobenzene	*354,000*		ug/Kg	<30	*+	<24		<34		<29		<35		<29	
Bromochloromethane	*232,000*		ug/Kg	<37		<29		<40		<34		<42		<35	
Bromodichloromethane	*390*	**0.3**	ug/Kg	<32	*+	<25		<35		<30		<36		<30	
Bromoform	*61,600*	**2.3**	ug/Kg	<41	*+	<33		<46		<39		<47		<39	
Bromomethane	*10,300*	**5.1**	ug/Kg	<68	*+	<55	F1	<75		<64		<78		<64	
Carbon tetrachloride	*854*	**3.9**	ug/Kg	<33		<26		<36		<31		<38		<31	
Chlorobenzene	*392,000*		ug/Kg	<33		<26		<36		<31		<38		<31	
Chloroethane		**226**	ug/Kg	<43		<35		<48		<40		<49		<41	
Chloroform	*423*	**3.3**	ug/Kg	**61**	J B	<25		**47**	J	<30		<36		<30	
Chloromethane	*171,000*	**15.5**	ug/Kg	<27		<22		<30		<26		<31		<26	
cis-1,2-Dichloroethene	*156,000*	**41.2**	ug/Kg	<35		<28		<38		<33		<40		<33	
cis-1,3-Dichloropropene	*1,220,000*	**0.3**	ug/Kg	<36		<28		<39		<33		<41		<34	
Dibromochloromethane	*933*	**32**	ug/Kg	<42	*+	<33		<46		<39		<48		<39	
Dibromomethane	*35,000*		ug/Kg	<23		<18		<25		<22		<26		<22	
Dichlorodifluoromethane	*135,000*	**3,082**	ug/Kg	<58		<46		<64		<54		<66		<54	
Ethylbenzene	*7,470*	**1,570**	ug/Kg	<16		<13		<17		<15		<18		<15	
Hexachlorobutadiene	*6,230*		ug/Kg	<38		<31		<42		<36		<44		<36	
Isopropyl ether			ug/Kg	<24		<19		<26		<22		<27		<22	
Isopropylbenzene			ug/Kg	<33	*+	<26		<36		<31		<38		<31	
Methyl tert-butyl ether	*59,400*	**27**	ug/Kg	<34		<27		<37		<32		<39		<32	
Methylene Chloride	*60,700*	**2.6**	ug/Kg	150	J B	<110		<150		<130		<160		<130	
Naphthalene	*5,150*	**658.7**	ug/Kg	<29		<23		<32		<27		<33		<27	
n-Butylbenzene	*108,000*		ug/Kg	<33		<27		<37		<31		<38		<31	
N-Propylbenzene			ug/Kg	<35	*+	<28		<39		<33		<41		<33	
p-Isopropyltoluene	*162,000*		ug/Kg	<31	*+	<25		<34		<29		<35		<29	
sec-Butylbenzene	*145,000*		ug/Kg	<34	*+	<27		<38		<32		<39		<32	
Styrene	*867,000*	**220**	ug/Kg	<33	*+	<26		<36		<31		<38		<31	
tert-Butylbenzene	*183,000*		ug/Kg	<34	*+	<27		<38		<32		<39		<32	
Tetrachloroethene	*30,700*	**4.5**	ug/Kg	<32		<25		<35		<30		<36		<30	
Toluene	*818,000*	**1,107**	ug/Kg	<13		<10		<14		<12		<14		<12	
trans-1,2-Dichloroethene	*211,000*	**58.8**	ug/Kg	<30		<24		<33		<28		<34		<28	
trans-1,3-Dichloropropene	*1,570,000*	**0.3**	ug/Kg	<31		<25		<34		<29		<35		<29	
Trichloroethene	*644*	**3.6**	ug/Kg	<14		**24**	J B	**22**	J B	**17**	J B	<16		**14**	J B
Trichlorofluoromethane	*1,120,000*		ug/Kg	<37		<29		<40		<34		<42		<35	
Vinyl chloride	*67*	**0.14**	ug/Kg	<22		<18		<25		<21		<26		<21	
Xylenes, Total	*258,000*	**3,940**	ug/Kg	<19		<15		<21		<18		<22		<18	
Total VOCs			ug/Kg	211		24		69		17		0		14	

DC_{N-I} : Non-Industrial Direct Contact

GWP: Groundwater Pathway

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F1 MS and/or MSD recovery exceeds control limits.

J Result is less than the RL but greater than or equal to the MDL

B Compound was found in the blank and sample.

	DC $_{N-I}$	**GWP**		DR-5A		DR-6/7A		DR-7/8A		DR-7A		DR-9/10A		DR-9/12A	
			Units	0.5-1.5'		3-4'		2-3'		1-2'		3-4'		1.6-2.6'	
1,1,1,2-Tetrachloroethane	*2,590*	**53**	ug/Kg	<46		<33		<42		<43		<38		<49	
1,1,1-Trichloroethane	*640,000*	**140**	ug/Kg	<38		<27		<35		<35		<31		<40	
1,1,2,2-Tetrachloroethane	*753*	**0.2**	ug/Kg	<39		<28		<36		<37		<32		<42	
1,1,2-Trichloroethane	*1,480*	**3.2**	ug/Kg	<35		<25		<32		<33		<29		<37	
1,1-Dichloroethane	*608*	**483**	ug/Kg	<40		<29		<38		<38		<33	*+	<44	
1,1-Dichloroethene	*342,000*	**5**	ug/Kg	<38		<28		<36		<36		<32		<41	
1,1-Dichloropropene			ug/Kg	<29		<21		<27		<28		<24		<32	
1,2,3-Trichlorobenzene	*48,900*		ug/Kg	<45		<32		<42		<43		<37		<49	
1,2,3-Trichloropropane	*5*	**52**	ug/Kg	<41		<29		<38		<39		<34		<44	
1,2,4-Trichlorobenzene	*22,100*	**408**	ug/Kg	<34		<24		<31		<32		<28		<36	
1,2,4-Trimethylbenzene	*89,800*	**1,379**	ug/Kg	<35		<25		<33		<33		<29	*+	<38	
1,2-Dibromo-3-Chloropropane	*8*	**0.2**	ug/Kg	<200		<140		<180		<190		<160	*+	<210	
1,2-Dibromoethane (EDB)	*47*	**0.03**	ug/Kg	<38		<27		<35		<36		<31		<41	
1,2-Dichlorobenzene	*376,000*	**1,168**	ug/Kg	<33		<24		<31		<31		<27		<35	
1,2-Dichloroethane	*608*	**2.8**	ug/Kg	<39		<28		<36		<37		<32	*+	<42	
1,2-Dichloropropane	*1,330*	**3.3**	ug/Kg	<42		<30		<39		<40		<35		<45	
1,3,5-Trimethylbenzene	*182,000*	**1,379**	ug/Kg	<38		<27		<35		<35		<31	*+	<40	
1,3-Dichlorobenzene	*297,000*	**1,152**	ug/Kg	<39		<28		<37		<37		<33		<43	
1,3-Dichloropropane	*1,490,000*		ug/Kg	<36		<26		<33		<34		<29		<38	
1,4-Dichlorobenzene	*3,480*	**144**	ug/Kg	<36		<26		<33		<34		<30		<39	
2,2-Dichloropropane	*527,000*		ug/Kg	<44		<31		<41		<41		<36	*+	<47	
2-Chlorotoluene	*907,000*		ug/Kg	<31		<22		<29		<29		<26	*+	<33	
4-Chlorotoluene	*253,000*		ug/Kg	<35		<25		<32		<33		<29	*+	<37	
Benzene	*1,490*	**5.1**	ug/Kg	<14		<10		<13		<14		<12		<16	
Bromobenzene	*354,000*		ug/Kg	<35		<25		<33		<33		<29	*+	<38	
Bromochloromethane	*232,000*		ug/Kg	<42		<30		<39		<40		<35		<45	
Bromodichloromethane	*390*	**0.3**	ug/Kg	<37		<26		<34		<35		<30	*+	<40	
Bromoform	*61,600*	**2.3**	ug/Kg	<48		<34		<44		<45		<39	*+	<51	
Bromomethane	*10,300*	**5.1**	ug/Kg	<79		<56		<73		<74		<65	*+	<85	
Carbon tetrachloride	*854*	**3.9**	ug/Kg	<38		<27		<35		<36		<31		<41	
Chlorobenzene	*392,000*		ug/Kg	<38		<27		<35		<36		<31		<41	
Chloroethane		**226**	ug/Kg	<50		<36		<46		<47		<41		<54	
Chloroform	*423*	**3.3**	ug/Kg	<37		<26		<34		<35		**57**	J B	<39	
Chloromethane	*171,000*	**15.5**	ug/Kg	<32		<23		<29		<30		<26		<34	
cis-1,2-Dichloroethene	*156,000*	**41.2**	ug/Kg	<40		<29		<37		<38		<33		<43	
cis-1,3-Dichloropropene	*1,220,000*	**0.3**	ug/Kg	<41		<29		<38		<39		<34		<44	
Dibromochloromethane	*933*	**32**	ug/Kg	<48		<35		<45		<46		<40	*+	<52	
Dibromomethane	*35,000*		ug/Kg	<27		<19		<25		<25		<22		<29	
Dichlorodifluoromethane	*135,000*	**3,082**	ug/Kg	<67		<48		<62		<63		<55		<72	
Ethylbenzene	*7,470*	**1,570**	ug/Kg	<18		<13		<17		<17		<15		<19	
Hexachlorobutadiene	*6,230*		ug/Kg	<44		<32		<41		<42		<36		<47	
Isopropyl ether			ug/Kg	<27		<20		<25		<26		<22		<29	
Isopropylbenzene			ug/Kg	<38		<27		<35		<36		<31	*+	<41	
Methyl tert-butyl ether	*59,400*	**27**	ug/Kg	<39		<28		<36		<37		<32		<42	
Methylene Chloride	*60,700*	**2.6**	ug/Kg	<160		<120		<150		<150		**140**	J B	<170	
Naphthalene	*5,150*	**658.7**	ug/Kg	48	J	<24		<31		<31		41	J	42	J
n-Butylbenzene	*108,000*		ug/Kg	<38		<27		<35		<36		<32		<41	
N-Propylbenzene			ug/Kg	<41		<29		<38		<39		<34	*+	<44	
p-Isopropyltoluene	*162,000*		ug/Kg	<36		<26		<33		<34		<29	*+	<38	
sec-Butylbenzene	*145,000*		ug/Kg	<39		<28		<36		<37		<32	*+	<42	
Styrene	*867,000*	**220**	ug/Kg	<38		<27		<35		<36		<31	*+	<41	
tert-Butylbenzene	*183,000*		ug/Kg	<39		<28		<36		<37		<32	*+	<42	
Tetrachloroethene	*30,700*	**4.5**	ug/Kg	<37		<26		<34		<35		<30		<39	
Toluene	*818,000*	**1,107**	ug/Kg	24	J	<10		<13		<14		<12		<16	
trans-1,2-Dichloroethene	*211,000*	**58.8**	ug/Kg	<35		<25		<32		<33		<29		<37	
trans-1,3-Dichloropropene	*1,570,000*	**0.3**	ug/Kg	<36		<26		<33		<34		<29		<38	
Trichloroethene	*644*	**3.6**	ug/Kg	<16		**17**	J B	**16**	J B	<15		<13		<17	
Trichlorofluoromethane	*1,120,000*		ug/Kg	<42		<30		<39		<40		<35		<45	
Vinyl chloride	*67*	**0.14**	ug/Kg	<26		<19		<24		<24		<21		<28	
Xylenes, Total	*258,000*	**3,940**	ug/Kg	32	J	<16		<20		<21		<18		<23	
Total VOCs			ug/Kg	104		17		16		0		238		42	

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J Result is less than the RL but greater than or equal to the MDL

B Compound was found in the blank and sample.

	DC_{N-I}	GWP		DR-9A		DR-10/11A		DR-10A		DR-13/14A		DR-13/16A		DR-13A	
			Units	2-3'		2-3'		2-3'		1-2'		3-4'		1-2'	
1,1,1,2-Tetrachloroethane	*2,590*	**53**	ug/Kg	<38		<43		<29		<39		<36		<42	
1,1,1-Trichloroethane	*640,000*	**140**	ug/Kg	<31		<36		<24		<32		<30		<35	
1,1,2,2-Tetrachloroethane	*753*	**0.2**	ug/Kg	<33		<37		<25		<34		<31		<36	
1,1,2-Trichloroethane	*1,480*	**3.2**	ug/Kg	<29		<33		<22		<30		<27		<32	
1,1-Dichloroethane	*608*	**483**	ug/Kg	<34		<38		<26	*+	<35		<32		<38	
1,1-Dichloroethene	*342,000*	**5**	ug/Kg	<32		<36		<25		<33		<30		<36	
1,1-Dichloropropene			ug/Kg	<24		<28		<19		<25		<23		<27	
1,2,3-Trichlorobenzene	*48,900*		ug/Kg	<37		<43		<29		<39		<36		<42	
1,2,3-Trichloropropane	*5*	**52**	ug/Kg	<34		<39		<26		<35		<32		<38	
1,2,4-Trichlorobenzene	*22,100*	**408**	ug/Kg	<28		<32		<22		<29		<27		<31	
1,2,4-Trimethylbenzene	*89,800*	**1,379**	ug/Kg	<29		36	J	<23	*+	<30		<28		<33	
1,2-Dibromo-3-Chloropropane	*8*	**0.2**	ug/Kg	<160		<190		<130	*+	<170		<160		<180	
1,2-Dibromoethane (EDB)	*47*	**0.03**	ug/Kg	<32		<36		<24		<33		<30		<35	
1,2-Dichlorobenzene	*376,000*	**1,168**	ug/Kg	<27		<31		<21		<28		<26		<31	
1,2-Dichloroethane	*608*	**2.8**	ug/Kg	<32		<37		<25	*+	<33		<31		<36	
1,2-Dichloropropane	*1,330*	**3.3**	ug/Kg	<35		<40		<27		<36		<33		<39	
1,3,5-Trimethylbenzene	*182,000*	**1,379**	ug/Kg	<31		<36		<24	*+	<32		<30		<35	
1,3-Dichlorobenzene	*297,000*	**1,152**	ug/Kg	<33		<37		<25		<34		<31		<37	
1,3-Dichloropropane	*1,490,000*		ug/Kg	<30		<34		<23		<31		<28		<33	
1,4-Dichlorobenzene	*3,480*	**144**	ug/Kg	<30		<34		<23		<31		<28		<33	
2,2-Dichloropropane	*527,000*		ug/Kg	<36		<42		<28	*+	<38		<35		<41	
2-Chlorotoluene	*907,000*		ug/Kg	<26		<29		<20	*+	<27		<25		<29	
4-Chlorotoluene	*253,000*		ug/Kg	<29		<33		<22	*+	<30		<27		<32	
Benzene	*1,490*	**5.1**	ug/Kg	<12		<14		<9.3		<12		<11		<13	
Bromobenzene	*354,000*		ug/Kg	<29		<33		<23	*+	<30		<28		<33	
Bromochloromethane	*232,000*		ug/Kg	<35		<40		<27		<36		<33		<39	
Bromodichloromethane	*390*	**0.3**	ug/Kg	<30		<35		<24	*+	<31		<29		<34	
Bromoform	*61,600*	**2.3**	ug/Kg	<40		<45		<31	*+	<41		<38		<44	
Bromomethane	*10,300*	**5.1**	ug/Kg	<65		<74		<51	*+	<67		<62		<73	
Carbon tetrachloride	*854*	**3.9**	ug/Kg	<31		<36		<24		<32		<30		<35	
Chlorobenzene	*392,000*		ug/Kg	<32		<36		<24		<33		<30		<35	
Chloroethane		**226**	ug/Kg	<41		<47		<32		<43		<39		<46	
Chloroform	*423*	**3.3**	ug/Kg	<30		<35		**41**	J B	<31		<29		<34	
Chloromethane	*171,000*	**15.5**	ug/Kg	<26		<30		<20		<27		<25		<29	
cis-1,2-Dichloroethene	*156,000*	**41.2**	ug/Kg	<33		<38		<26		<34		<32		<37	
cis-1,3-Dichloropropene	*1,220,000*	**0.3**	ug/Kg	<34		<39		<26		<35		<32		<38	
Dibromochloromethane	*933*	**32**	ug/Kg	<40		<46		<31	*+	<41		<38		<45	
Dibromomethane	*35,000*		ug/Kg	<22		<25		<17		<23		<21		<25	
Dichlorodifluoromethane	*135,000*	**3,082**	ug/Kg	<55		<63		<43		<57		<53		<62	
Ethylbenzene	*7,470*	**1,570**	ug/Kg	<15		<17		<12		<15		<14		<17	
Hexachlorobutadiene	*6,230*		ug/Kg	<37		<42		<28		<38		<35		<41	
Isopropyl ether			ug/Kg	<23		<26		<18		<23		<22		<25	
Isopropylbenzene			ug/Kg	<31		<36		<24	*+	<32		<30		<35	
Methyl tert-butyl ether	*59,400*	**27**	ug/Kg	<32		<37		<25		<33		<31		<36	
Methylene Chloride	*60,700*	**2.6**	ug/Kg	<130		<150		110	J B	<140		<130		<150	
Naphthalene	*5,150*	**658.7**	ug/Kg	<27		31	J	25	J	<28		<26		<31	
n-Butylbenzene	*108,000*		ug/Kg	<32		<36		<25		<33		<30		<35	
N-Propylbenzene			ug/Kg	<34		<39		<26	*+	<35		<32		<38	
p-Isopropyltoluene	*162,000*		ug/Kg	<30		<34		<23	*+	<31		<28		<33	
sec-Butylbenzene	*145,000*		ug/Kg	<33		<37		<25	*+	<34		<31		<36	
Styrene	*867,000*	**220**	ug/Kg	<32		<36		<24	*+	<33		<30		<35	
tert-Butylbenzene	*183,000*		ug/Kg	<33		<37		<25	*+	<34		<31		<36	
Tetrachloroethene	*30,700*	**4.5**	ug/Kg	<30		<35		<23		<31		<29		<34	
Toluene	*818,000*	**1,107**	ug/Kg	<12		16	J	<9.3		<12		<11		<13	
trans-1,2-Dichloroethene	*211,000*	**58.8**	ug/Kg	<29		<33		<22		<30		<27		<32	
trans-1,3-Dichloropropene	*1,570,000*	**0.3**	ug/Kg	<30		<34		<23		<31		<28		<33	
Trichloroethene	*644*	**3.6**	ug/Kg	<13		<15		<10		**16**	J B	**14**	J B	<15	
Trichlorofluoromethane	*1,120,000*		ug/Kg	<35		<40		<27		<36		<33		<39	
Vinyl chloride	*67*	**0.14**	ug/Kg	<21		<25		<17		<22		<20		<24	
Xylenes, Total	*258,000*	**3,940**	ug/Kg	<18		56		<14		<19		<17		<20	
Total VOCs			ug/Kg	0		139		176		16		14		0	

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J Result is less than the RL but greater than or equal to the MDL

B Compound was found in the blank and sample.

	DC_{N-I}	GWP		DR-1/2A		DR-1/2A		DR-1/4A		DR-1A		DR-2/3A		DR-2/3A		DR-2A	
			Units	1.5-2.5'		5.5-6.5'		2-3'		2-3'		2-3'		5-6'		1.2-2.2'	
1,2,4-Trichlorobenzene	*24,000*	**408**	ug/Kg	<26		<28		<26		<28		<140		<28		<28	
1,2-Dichlorobenzene	*376,000*	**1,168**	ug/Kg	<15		<16		<15		<16		<79		<16		<16	
1,3-Dichlorobenzene	*297,000*	**1,152**	ug/Kg	<17		<18		<17		<18		<88		<18		<18	
1,4-Dichlorobenzene	*3,740*	**144**	ug/Kg	<17		<19		<17		<18		<92		<18		<19	
1-Methylnaphthalene	*17,600*		ug/Kg	<6.6		33	J	<6.6		7.7	J	190	J	<7.0		44	J
2,2'-oxybis[1-chloropropane]			ug/Kg	<26		<28		<26		<28		<140		<28		<28	
2,4,5-Trichlorophenol	*6,320,000*		ug/Kg	<14		<15		<14		<15		<73		<15		<15	
2,4,6-Trichlorophenol	*49,300*		ug/Kg	<13		<13		<13		<13		<66		<13		<13	
2,4-Dichlorophenol	*190,000*		ug/Kg	<13		<14		<13		<14		<69		<14		<14	
2,4-Dimethylphenol	*1,260,000*		ug/Kg	<82		<89		<83		<87		<440		<87		<88	
2,4-Dinitrophenol	*126,000*		ug/Kg	<210		<230		<210		<230		<1100		<230		<230	
2,4-Dinitrotoluene	*1,740*	**0.1**	ug/Kg	<21		<23		<21		<22		<110		<22		<22	
2,6-Dinitrotoluene	*363*	**0.1**	ug/Kg	<13		<13		<13		<13		<66		<13		<13	
2-Chloronaphthalene			ug/Kg	<14		<15		<14		<15		<73		<15		<15	
2-Chlorophenol	*391,000*		ug/Kg	<12		<13		<12		<13		<63		<13		<13	
2-Methylnaphthalene	*239,000*		ug/Kg	<7.4		36	J	<7.4		9.3	J	210	J	<7.8		46	J
2-Methylphenol			ug/Kg	<19		<21		<19		<21		<100		<21		<21	
2-Nitroaniline	*627,000*		ug/Kg	<20		<21		<20		<21		<100		<21		<21	
2-Nitrophenol			ug/Kg	<25		<27		<25		<26		<130		<26		<27	
3 & 4 Methylphenol			ug/Kg	<27		<29		<27		<29		<140		<28		<29	
3,3'-Dichlorobenzidine	*1,210*		ug/Kg	<30		<32		<30		<32		<160		<32		<32	
3-Nitroaniline			ug/Kg	<17		<18		<17		<18		<89		<18		<18	
4,6-Dinitro-2-methylphenol			ug/Kg	<210		<220		<210		<220		<1100		<220		<220	
4-Bromophenyl phenyl ether			ug/Kg	<25		<27		<25		<27		<130		<27		<27	
4-Chloro-3-methylphenol			ug/Kg	<14		<15		<14		<15		<76		<15		<15	
4-Chloroaniline			ug/Kg	<390		<420		<390		<410		<2000		<410		<410	
4-Chlorophenyl phenyl ether			ug/Kg	<48		<52		<48		<51		<260		<51		<51	
4-Nitroaniline	*27,100*		ug/Kg	<27		<29		<27		<29		<140		<29		<29	
4-Nitrophenol			ug/Kg	<140		<150		<140		<140		<720		<140		<150	
Acenaphthene	*3,590,000*		ug/Kg	<7.5		170		<7.5		30	J	500		<7.9		<8.0	
Acenaphthylene			ug/Kg	<6.2		34	J	<6.3		<6.6		230		<6.6		<6.6	
Anthracene	*17,900,000*	**196,700**	ug/Kg	<7.5		530		<7.5		57		1500		<8.0		14	J
Benzo[a]anthracene			ug/Kg	21	J	3500		44		890		11000		17	J	39	
Benzo[a]pyrene	*115*	**470**	ug/Kg	<35		***4400***		85		***1400***		***18000***		43		<38	
Benzo[b]fluoranthene	*1150*	**480**	ug/Kg	40		***5100***		96		***1600***		***20000***		47		48	
Benzo[g,h,i]perylene			ug/Kg	18	J	2600		63		940		11000		41		18	J
Benzo[k]fluoranthene	*11,500*		ug/Kg	<14		2300		25	J	610		8200		<15		<15	
Benzoic acid	*100,000,000*		ug/Kg	<220		<240		<230		<240		<1200		<240		<240	
Benzyl alcohol	*6,320,000*		ug/Kg	<89		<96		<90		<95		<470		<95		<95	
Bis(2-chloroethoxy)methane	*190,000*		ug/Kg	<14		<15		<14		<15		<73		<15		<15	
Bis(2-chloroethyl)ether	*286*		ug/Kg	<17		<18		<17		<18		<90		<18		<18	
Bis(2-ethylhexyl) phthalate	*38,800*	**2,880**	ug/Kg	<140		<160		<140		<150		<760		<150		<150	
Butyl benzyl phthalate	*286,000*		ug/Kg	<18		<20		<18		<19		<97		<19		<19	
Carbazole			ug/Kg	<14		260		<15		64	J	920	J	<15		<15	
Chrysene	*115,000*	**145**	ug/Kg	15	J	**4400**		52		**1200**		**15000**		<10		30	J
Dibenz(a,h)anthracene	*115*		ug/Kg	<37		*900*		<37		*290*		*3300*		<39		<39	
Dibenzofuran	*73,000*		ug/Kg	<13		48	J	<13		<14		200	J	<14		15	J
Diethyl phthalate	*50,600,000*		ug/Kg	<17		<18		<17		<18		<89		<18		<18	
Dimethyl phthalate			ug/Kg	<8.0		<8.6		<8.0		<8.5		<42		<8.5		<8.5	
Di-n-butyl phthalate			ug/Kg	<12		<13		<12		<12		<62		<12		<12	
Di-n-octyl phthalate			ug/Kg	<260		<280		<260		<270		<1400		<270		<270	
Fluoranthene	*2,390,000*	**88,770**	ug/Kg	20	J	6000		58		1200		23000		12	J	59	
Fluorene	*2,390,000*	**14,810**	ug/Kg	<11		140		<11		14	J	410		<12		<12	
Hexachlorobenzene	*252*	**25**	ug/Kg	<7.0		<7.6		<7.1		<7.5		<37		<7.5		<7.5	
Hexachlorobutadiene	*1,630*		ug/Kg	<21		<22		<21		<22		<110		<22		<22	
Hexachlorocyclopentadiene	*2,550*		ug/Kg	<390	*-	<420	*-	<390	*-	<410	*-	<2100	*-	<410	*-	<420	*-
Hexachloroethane	*2,520*		ug/Kg	<18		<20		<18		<20		<97		<19		<20	
Indeno[1,2,3-cd]pyrene	*1150*		ug/Kg	<36		*2900*		54		950		*13000*		<38		<38	
Isophorone	*571,000*		ug/Kg	<19		<20		<19		<20		<100		<20		<20	
Naphthalene	*5,520*	**659**	ug/Kg	<6.6		69		<6.7		23	J	280		<7.0		33	J
Nitrobenzene	*7,420*		ug/Kg	<12		<13		<12		<12		<62		<12		<12	
N-Nitrosodi-n-propylamine	*78*		ug/Kg	<7.2		<7.8		<7.3		<7.7		<38		<7.7		<7.7	
N-Nitrosodiphenylamine	*111,000*		ug/Kg	<22		<24		<22		<23		<120		<23		<23	
Pentachlorophenol	*1,020*	**20**	ug/Kg	<92		<99		<92		<98		<490		<97		<98	
Phenanthrene			ug/Kg	<8.0		2100		19	J	310		7300		<8.5		76	
Phenol	*19,000,000*	**2,287**	ug/Kg	<16		<17		<16		<17		<84		<17		<17	
Pyrene	*1,790,000*	**54,470**	ug/Kg	20	J	5300		58		1300		19000		12	J	53	
Pyridine	*78,200*		ug/Kg	<240		<260		<240		<260		<1300		<260		<260	
Total SVOCs			ug/Kg	134		40,820		554		10,895		153,240		172		475	

DC_{N-I}: *Non-Industrial Direct Contact*

GWP: Groundwater Pathway

*- LCS and/or LCSD is outside acceptance limits, low biased.

*+ LCS and/or LCSD is outside acceptance limits, high biased.

F1 MS and/or MSD recovery exceeds control limits.

J Result is less than the RL but greater than or equal to the

S1- Surrogate recovery exceeds control limits, low biased.

S1+ Surrogate recovery exceeds control limits, high biased.

	DC_{N-I}	GWP		DR-2A Asphalt		DR-2A		DR-3/4A		DR-3A		DR-5/6A		DR-5/8A		DR-5A	
			Units	1.2-2.2'		5-6'		2-3'		3-4'		1.5-2.5'		2.5-3.5'		0.5-1.5'	
1,2,4-Trichlorobenzene	*24,000*	**408**	ug/Kg	<110		<25		<29		<27		<27		<26		<28	
1,2-Dichlorobenzene	*376,000*	**1,168**	ug/Kg	<65		<14		<16		<15		<15		<15		<16	
1,3-Dichlorobenzene	*297,000*	**1,152**	ug/Kg	<73		<16		<18		<17		<17		<16		<18	
1,4-Dichlorobenzene	*3,740*	**144**	ug/Kg	<76		<17		<19		<18		<18		<17		<19	
1-Methylnaphthalene	*17,600*		ug/Kg	1400		<6.3		37	J	<6.8		<6.7		<6.5		57	J
2,2'-oxybis[1-chloropropane]			ug/Kg	<120		<25		<29		<27		<27		<26		<28	
2,4,5-Trichlorophenol	*6,320,000*		ug/Kg	<61		<13		<15		<14		<14		<14		<15	
2,4,6-Trichlorophenol	*49,300*		ug/Kg	<55		<12		<14		<13		<13		<12		<13	
2,4-Dichlorophenol	*190,000*		ug/Kg	<57		<13		<14		<13		<13		<13		<14	
2,4-Dimethylphenol	*1,260,000*		ug/Kg	<360		<79		<90		<85		<85		<81		<89	
2,4-Dinitrophenol	*126,000*		ug/Kg	<930		<210		<230		<220		<220		<210		<230	
2,4-Dinitrotoluene	*1,740*	**0.1**	ug/Kg	<92		<20		<23		<22		<22		<21		<23	
2,6-Dinitrotoluene	*363*	**0.1**	ug/Kg	<55		<12		<14		<13		<13		<12		<13	
2-Chloronaphthalene			ug/Kg	<60		<13		<15		<14		<14		<14		<15	
2-Chlorophenol	*391,000*		ug/Kg	<52		<11		<13		<12		<12		<12		<13	
2-Methylnaphthalene	*239,000*		ug/Kg	2700		<7.1		44	J	<7.6		<7.6		<7.3		69	J
2-Methylphenol			ug/Kg	<85		<19		<21		<20		<20		<19		<21	
2-Nitroaniline	*627,000*		ug/Kg	<86		<19		<21		<20		<20		<20		<21	
2-Nitrophenol			ug/Kg	<110		<24		<27		<26		<26		<25		<27	
3 & 4 Methylphenol			ug/Kg	<120		<26		<29		<28		<28		<27		<29	
3,3'-Dichlorobenzidine	*1,210*		ug/Kg	<130		<29		<33		<31		<31		<30		<32	
3-Nitroaniline			ug/Kg	<73		<16		<18		<17		<17		<17		<18	
4,6-Dinitro-2-methylphenol			ug/Kg	<910		<200		<230		<210		<210		<200		<220	
4-Bromophenyl phenyl ether			ug/Kg	<110		<24		<27		<26		<26		<25		<27	
4-Chloro-3-methylphenol			ug/Kg	<63		<14		<16		<15		<15		<14		<15	
4-Chloroaniline			ug/Kg	<1700		<370		<420		<400		<400		<380		<420	
4-Chlorophenyl phenyl ether			ug/Kg	<210		<46		<52		<50		<49		<48		<52	
4-Nitroaniline	*27,100*		ug/Kg	<120		<26		<30		<28		<28		<27		<29	
4-Nitrophenol			ug/Kg	<600		<130		<150		<140		<140		<130		<150	
Acenaphthene	*3,590,000*		ug/Kg	1700		<7.2		50		<7.7		<7.7		<7.4		61	
Acenaphthylene			ug/Kg	<27		<6.0		43		<6.5		<6.4		<6.2		6.8	J
Anthracene	*17,900,000*	**196,700**	ug/Kg	1900		11	J	110		<7.8		<7.7		<7.4		100	
Benzo[a]anthracene			ug/Kg	840		18	J	1900		19	J	26	J	12	J	2100	
Benzo[a]pyrene	*115*	**470**	ug/Kg	***520***		41		***2700***		47		62		37		***3100***	
Benzo[b]fluoranthene	*1150*	**480**	ug/Kg	**740**		43		***3400***		52		71		39		***3600***	
Benzo[g,h,i]perylene			ug/Kg	190		36		1900		42		53		35	J	2100	
Benzo[k]fluoranthene	*11,500*		ug/Kg	290		<13		1300		<14		16	J	<14		1500	
Benzoic acid	*100,000,000*		ug/Kg	<980		<220		<240		<230		<230		<220		<240	
Benzyl alcohol	*6,320,000*		ug/Kg	<390		<86		<97		<92		<92		<88		<96	
Bis(2-chloroethoxy)methane	*190,000*		ug/Kg	<60		<13		<15		<14		<14		<14		<15	
Bis(2-chloroethyl)ether	*286*		ug/Kg	<74		<16		<18		<18		<17		<17		<18	
Bis(2-ethylhexyl) phthalate	*38,800*	**2,880**	ug/Kg	<630		<140		<160		<150		<150		<140		<160	
Butyl benzyl phthalate	*286,000*		ug/Kg	<80		<18		<20		<19		<19		<18		<20	
Carbazole			ug/Kg	250	J	<14		120	J	<15		<15		<14		130	J
Chrysene	*115,000*	**145**	ug/Kg	**920**		11	J	**2600**		13	J	30	J	<9.6		**2700**	
Dibenz(a,h)anthracene	*115*		ug/Kg	<160		<35		*610*		<38		<38		<36		*690*	
Dibenzofuran	*73,000*		ug/Kg	2600		<13		26	J	<14		<13		<13		33	J
Diethyl phthalate	*50,600,000*		ug/Kg	<74		<16		<18		<17		<17		<17		<18	
Dimethyl phthalate			ug/Kg	<35		<7.7		<8.7		<8.3		<8.2		<7.9		<8.6	
Di-n-butyl phthalate			ug/Kg	<51		<11		<13		<12		<12		<12		<13	
Di-n-octyl phthalate			ug/Kg	<1100		<250		<280		<270		<260		<250		<280	
Fluoranthene	*2,390,000*	**88,770**	ug/Kg	3700		26	J	2800		15	J	34	J	<8.4		2600	
Fluorene	*2,390,000*	**14,810**	ug/Kg	1800		<10		29	J	<11		<11		<11		30	J
Hexachlorobenzene	*252*	**25**	ug/Kg	<31		<6.8		<7.7		<7.3		<7.2		<7.0		<7.6	
Hexachlorobutadiene	*1,630*		ug/Kg	<91		<20		<23		<21		<21		<20		<22	
Hexachlorocyclopentadiene	*2,550*		ug/Kg	<1700	*-	<380	- F	<420	*-	<400	*-	<400	*-	<390	*-	<420	*-
Hexachloroethane	*2,520*		ug/Kg	<80		<18	F1	<20		<19		<19		<18		<20	
Indeno[1,2,3-cd]pyrene	*1150*		ug/Kg	340		<35		*2000*		<37		44		<35		*2100*	
Isophorone	*571,000*		ug/Kg	<83		<18		<21		<20		<19		<19		<20	
Naphthalene	*5,520*	**659**	ug/Kg	***7000***		21	J	56		<6.9		7.1	J	<6.6		81	
Nitrobenzene	*7,420*		ug/Kg	<51		<11		<13		<12		<12		<12		<13	
N-Nitrosodi-n-propylamine	*78*		ug/Kg	<32		<7.0		<7.9		<7.5		<7.5		<7.2		<7.8	
N-Nitrosodiphenylamine	*111,000*		ug/Kg	<96		<21		<24		<23		<22		<22		<23	
Pentachlorophenol	*1,020*	**20**	ug/Kg	<400		<89		<100		<95		<94		<91		<99	
Phenanthrene			ug/Kg	8500		33	J	730		<8.3		17	J	<7.9		640	
Phenol	*19,000,000*	**2,287**	ug/Kg	<70		<15		<17		<17		<16		<16		<17	
Pyrene	*1,790,000*	**54,470**	ug/Kg	2300		20	J	2800		15	J	34	J	<9.9		2700	
Pyridine	*78,200*		ug/Kg	<1100		<230		<260		<250		<250		<240		<260	
Total SVOCs			ug/Kg	37,690		260		23,255		203		394.1		123		24,398	

DC_{N-I}: Non-Industrial Direct Contact

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F1 MS and/or MSD recovery exceeds control limits.

J Result is less than the RL but greater than or equal to the

S1- Surrogate recovery exceeds control limits, low biased.

S1+ Surrogate recovery exceeds control limits, high biased.

	DC_{N-I}	GWP		DR-6/7A		DR-7/8A		DR-7A		DR-9/10A		DR-9/12A		DR-9A		DR-10/11A	
			Units	3-4'		2-3'		1-2'		3-4'		1.6-2.6'		2-3'		2-3'	
1,2,4-Trichlorobenzene	*24,000*	**408**	ug/Kg	<28		<29		<29		<28		<29		<26		<27	
1,2-Dichlorobenzene	*376,000*	**1,168**	ug/Kg	<16		<16		<16		<16		<16		<15		<16	
1,3-Dichlorobenzene	*297,000*	**1,152**	ug/Kg	<17		<18		<18		<17		<18		<17		<17	
1,4-Dichlorobenzene	*3,740*	**144**	ug/Kg	<18		<19		<19		<18		<19		<17		<18	
1-Methylnaphthalene	*17,600*		ug/Kg	<6.9		20	J	<7.2		<6.9		65	J	<6.5		350	
2,2'-oxybis[1-chloropropane]			ug/Kg	<28		<29		<29		<28		<29		<26		<27	
2,4,5-Trichlorophenol	*6,320,000*		ug/Kg	<15		<15		<15		<15		<15		<14		<14	
2,4,6-Trichlorophenol	*49,300*		ug/Kg	<13		<14		<14		<13		<14		<12		<13	
2,4-Dichlorophenol	*190,000*		ug/Kg	<14		<14		<14		<14		<14		<13		<13	
2,4-Dimethylphenol	*1,260,000*		ug/Kg	<87		<91		<90		<86		<90		<82		<85	
2,4-Dinitrophenol	*126,000*		ug/Kg	<220		<230		<230		<220		<230		<210		<220	
2,4-Dinitrotoluene	*1,740*	**0.1**	ug/Kg	<22		<23		<23		<22		<23		<21		<22	
2,6-Dinitrotoluene	*363*	**0.1**	ug/Kg	<13		<14		<14		<13		<14		<12		<13	
2-Chloronaphthalene			ug/Kg	<14		<15		<15		<14		<15		<14		<14	
2-Chlorophenol	*391,000*		ug/Kg	<12		<13		<13		<12		<13		<12		<12	
2-Methylnaphthalene	*239,000*		ug/Kg	<7.8		24	J	<8.1		<7.7		76	J	<7.3		390	
2-Methylphenol			ug/Kg	<20		<21		<21		<20		<21		<19		<20	
2-Nitroaniline	*627,000*		ug/Kg	<21		<22		<22		<21		<22		<20		<20	
2-Nitrophenol			ug/Kg	<26		<27		<27		<26		<27		<25		<26	
3 & 4 Methylphenol			ug/Kg	<28		<30		<29		<28		<29		<27		<28	
3,3'-Dichlorobenzidine	*1,210*		ug/Kg	<32		<33		<33		<31		<33		<30		<31	
3-Nitroaniline			ug/Kg	<18		<18		<18		<18		<18		<17		<17	
4,6-Dinitro-2-methylphenol			ug/Kg	<220		<230		<230		<220		<230		<210		<210	
4-Bromophenyl phenyl ether			ug/Kg	<26		<28		<27		<26		<27		<25		<26	
4-Chloro-3-methylphenol			ug/Kg	<15		<16		<16		<15		<16		<14		<15	
4-Chloroaniline			ug/Kg	<410		<420		<420		<400		<420		<380		<400	
4-Chlorophenyl phenyl ether			ug/Kg	<51		<53		<53		<51		<53		<48		<50	
4-Nitroaniline	*27,100*		ug/Kg	<29		<30		<30		<28		<30		<27		<28	
4-Nitrophenol			ug/Kg	<140		<150		<150		<140		<150		<140		<140	
Acenaphthene	*3,590,000*		ug/Kg	<7.9		<8.2		14	J	<7.8		180		<7.4		25	J
Acenaphthylene			ug/Kg	<6.6		<6.9		<6.8		<6.5		12	J	<6.2		11	J
Anthracene	*17,900,000*	**196,700**	ug/Kg	<7.9		12	J	25	J	<7.9		350		<7.5		51	
Benzo[a]anthracene			ug/Kg	36	J	150		430		<8.2		5500		23	J	83	
Benzo[a]pyrene	*115*	**470**	ug/Kg	81		*220*		***640***		43		***8200***		*58*		91	
Benzo[b]fluoranthene	*1150*	**480**	ug/Kg	92		270		**740**		45		***9600***		61		110	
Benzo[g,h,i]perylene			ug/Kg	68		150		440		43		4800		50		71	
Benzo[k]fluoranthene	*11,500*		ug/Kg	24	J	97		320		<15		3800		<14		21	J
Benzoic acid	*100,000,000*		ug/Kg	<240		<250		<250		<240		<250		<220		<230	
Benzyl alcohol	*6,320,000*		ug/Kg	<94		<98		<97		<94		<97		<89		<93	
Bis(2-chloroethoxy)methane	*190,000*		ug/Kg	<14		<15		<15		<14		<15		<14		<14	
Bis(2-chloroethyl)ether	*286*		ug/Kg	<18		<19		<19		<18		<18		<17		<18	
Bis(2-ethylhexyl) phthalate	*38,800*	**2,880**	ug/Kg	<150		<160		<160		<150		<160		<140		<150	
Butyl benzyl phthalate	*286,000*		ug/Kg	<19		<20		<20		<19		<20		<18		<19	
Carbazole			ug/Kg	<15		<16		28	J	<15		390		<14		24	J
Chrysene	*115,000*	**145**	ug/Kg	44		**200**		**570**		23	J	**7000**		35	J	100	
Dibenz(a,h)anthracene	*115*		ug/Kg	<38		63		*150*		<38		*1700*		<36		40	
Dibenzofuran	*73,000*		ug/Kg	<14		<14		<14		<14		53	J	<13		120	J
Diethyl phthalate	*50,600,000*		ug/Kg	<18		<19		<18		<18		<18		<17		<17	
Dimethyl phthalate			ug/Kg	<8.4		<8.8		<8.7		<8.4		<8.7		<7.9		<8.3	
Di-n-butyl phthalate			ug/Kg	<12		<13		<13		<12		<13		<12		<12	
Di-n-octyl phthalate			ug/Kg	<270		<280		<280		<270		<280		<260		<270	
Fluoranthene	*2,390,000*	**88,770**	ug/Kg	40		210		590		9.2	J	7100		23	J	190	
Fluorene	*2,390,000*	**14,810**	ug/Kg	<11		<12		<12		<11		88		<11		37	J
Hexachlorobenzene	*252*	**25**	ug/Kg	<7.4		<7.7		<7.7		<7.4		<7.7		<7.0		<7.3	
Hexachlorobutadiene	*1,630*		ug/Kg	<22		<23		<23		<22		<23		<21		<21	
Hexachlorocyclopentadiene	*2,550*		ug/Kg	<410	*-	<430	*-	<430	*-	<410	*-	<430	*-	<390	*-	<400	*-
Hexachloroethane	*2,520*		ug/Kg	<19		<20		<20		<19		<20		<18		<19	
Indeno[1,2,3-cd]pyrene	*1150*		ug/Kg	56		150		450		<38		*5400*		<36		55	
Isophorone	*571,000*		ug/Kg	<20		<21		<21		<20		<21		<19		<20	
Naphthalene	*5,520*	**659**	ug/Kg	<7.0		17	J	11	J	<7.0		130		<6.6		230	
Nitrobenzene	*7,420*		ug/Kg	<12		<13		<13		<12		<13		<12		<12	
N-Nitrosodi-n-propylamine	*78*		ug/Kg	<7.6		<8.0		<7.9		<7.6		<7.9		<7.2		<7.5	
N-Nitrosodiphenylamine	*111,000*		ug/Kg	<23		<24		<24		<23		<24		<22		<23	
Pentachlorophenol	*1,020*	**20**	ug/Kg	<97		<100		<100		<96		<100		<91		<95	
Phenanthrene			ug/Kg	11	J	86		150		<8.4		1900		<7.9		390	
Phenol	*19,000,000*	**2,287**	ug/Kg	<17		<18		<17		<17		<17		<16		<17	
Pyrene	*1,790,000*	**54,470**	ug/Kg	43		200		600		21	J	7000		30	J	190	
Pyridine	*78,200*		ug/Kg	<250		<270		<260		<250		<260		<240		<250	
Total SVOCs			ug/Kg	495		1,869		5,158		184.2		63,344		280		2,579	

DC_{N-I}: Non-Industrial Direct Contact

GWP: Groundwater Pathway

*- LCS and/or LCSD is outside acceptance limits, low biased.

*+ LCS and/or LCSD is outside acceptance limits, high biased.

F1 MS and/or MSD recovery exceeds control limits.

J Result is less than the RL but greater than or equal to the

S1- Surrogate recovery exceeds control limits, low biased.

S1+ Surrogate recovery exceeds control limits, high biased.

	DC_{N-I}	GWP		DR-10A		DR-10A Asphalt		DR-13/14A		DR-13/16A		DR-13A	
			Units	2-3'		2-3'		1-2'		3-4'		1-2'	
1,2,4-Trichlorobenzene	*24,000*	**408**	ug/Kg	<25		<110		<27		<27		<27	
1,2-Dichlorobenzene	*376,000*	**1,168**	ug/Kg	<14		<64		<15		<15		<15	
1,3-Dichlorobenzene	*297,000*	**1,152**	ug/Kg	<16		<71		<17		<17		<17	
1,4-Dichlorobenzene	*3,740*	**144**	ug/Kg	<16		<74		<18		<18		<18	
1-Methylnaphthalene	*17,600*		ug/Kg	14	J	75	J	<6.7		<6.7		<6.7	
2,2'-oxybis[1-chloropropane]			ug/Kg	<25		<110		<27		<27		<27	
2,4,5-Trichlorophenol	*6,320,000*		ug/Kg	<13		<59		<14		<14		<14	
2,4,6-Trichlorophenol	*49,300*		ug/Kg	<12		<54		<13		<13		<13	
2,4-Dichlorophenol	*190,000*		ug/Kg	<12		<56		<13		<13		<13	
2,4-Dimethylphenol	*1,260,000*		ug/Kg	<77		<350		<84		<84		<84	
2,4-Dinitrophenol	*126,000*		ug/Kg	<200		<910		<220		<220		<220	
2,4-Dinitrotoluene	*1,740*	**0.1**	ug/Kg	<20		<90		<21		<21		<21	
2,6-Dinitrotoluene	*363*	**0.1**	ug/Kg	<12		<54		<13		<13		<13	
2-Chloronaphthalene			ug/Kg	<13		<59		<14		<14		<14	
2-Chlorophenol	*391,000*		ug/Kg	<11		<51		<12		<12		<12	
2-Methylnaphthalene	*239,000*		ug/Kg	13	J	89	J	<7.5		<7.5		<7.5	
2-Methylphenol			ug/Kg	<18		<83		<20		<20		<20	
2-Nitroaniline	*627,000*		ug/Kg	<19		<84		<20		<20		<20	
2-Nitrophenol			ug/Kg	<23		<110		<25		<25		<25	
3 & 4 Methylphenol			ug/Kg	<25		<120		<27		<27		<27	
3,3'-Dichlorobenzidine	*1,210*		ug/Kg	<28		<130		<31		<31		<30	
3-Nitroaniline			ug/Kg	<16		<72		<17		<17		<17	
4,6-Dinitro-2-methylphenol			ug/Kg	<190		<890		<210		<210		<210	
4-Bromophenyl phenyl ether			ug/Kg	<24		<110		<26		<26		<26	
4-Chloro-3-methylphenol			ug/Kg	<13		<61		<15		<15		<15	
4-Chloroaniline			ug/Kg	<360		<1700		<390		<390		<390	
4-Chlorophenyl phenyl ether			ug/Kg	<45		<210		<49		<49		<49	
4-Nitroaniline	*27,100*		ug/Kg	<25		<120		<28		<28		<28	
4-Nitrophenol			ug/Kg	<130		<580		<140		<140		<140	
Acenaphthene	*3,590,000*		ug/Kg	250		49	J	<7.6		<7.6		<7.6	
Acenaphthylene			ug/Kg	24	J	28	J	<6.3		<6.3		<6.3	
Anthracene	*17,900,000*	**196,700**	ug/Kg	2000		140	J	<7.6		<7.6		<7.6	
Benzo[a]anthracene			ug/Kg	4700		950		130		17	J	24	J
Benzo[a]pyrene	*115*	**470**	ug/Kg	***5000***		***1200***		*200*		44		58	
Benzo[b]fluoranthene	*1150*	**480**	ug/Kg	***5200***		***1800***		220		48		63	
Benzo[g,h,i]perylene			ug/Kg	2600		680		150		41		47	
Benzo[k]fluoranthene	*11,500*		ug/Kg	1900		530		91		<14		<14	
Benzoic acid	*100,000,000*		ug/Kg	<210		<960		<230		<230		<230	
Benzyl alcohol	*6,320,000*		ug/Kg	<84		<380		<91		<91		<91	
Bis(2-chloroethoxy)methane	*190,000*		ug/Kg	<13		<59		<14		<14		<14	
Bis(2-chloroethyl)ether	*286*		ug/Kg	<16		<73		<17		<17		<17	
Bis(2-ethylhexyl) phthalate	*38,800*	**2,880**	ug/Kg	<140		<620		<150		<150		<150	
Butyl benzyl phthalate	*286,000*		ug/Kg	<17		<78		<19		<19		<19	
Carbazole			ug/Kg	270		<62		<15		<15		<15	
Chrysene	*115,000*	**145**	ug/Kg	**4500**		**1200**		**170**		12	J	24	J
Dibenz(a,h)anthracene	*115*		ug/Kg	*780*		*300*		44		<37		<37	
Dibenzofuran	*73,000*		ug/Kg	110	J	<56		<13		<13		<13	
Diethyl phthalate	*50,600,000*		ug/Kg	<16		<72		<17		<17		<17	
Dimethyl phthalate			ug/Kg	<7.5		<34		<8.1		<8.1		<8.1	
Di-n-butyl phthalate			ug/Kg	<11		<50		<12		<12		<12	
Di-n-octyl phthalate			ug/Kg	<240		<1100		<260		<260		<260	
Fluoranthene	*2,390,000*	**88,770**	ug/Kg	9900		2000		140		11	J	21	J
Fluorene	*2,390,000*	**14,810**	ug/Kg	380		<47		<11		<11		<11	
Hexachlorobenzene	*252*	**25**	ug/Kg	<6.6		<30		<7.2		<7.2		<7.2	
Hexachlorobutadiene	*1,630*		ug/Kg	<19		<89		<21		<21		<21	
Hexachlorocyclopentadiene	*2,550*		ug/Kg	<370	*-	<1700	*-	<400	*-	<400	*-	<400	*-
Hexachloroethane	*2,520*		ug/Kg	<17		<79		<19		<19		<19	
Indeno[1,2,3-cd]pyrene	*1150*		ug/Kg	*3200*		1000		130		<36		36	J
Isophorone	*571,000*		ug/Kg	<18		<81		<19		<19		<19	
Naphthalene	*5,520*	**659**	ug/Kg	15	J	<28		<6.8		<6.8		<6.7	
Nitrobenzene	*7,420*		ug/Kg	<11		<50		<12		<12		<12	
N-Nitrosodi-n-propylamine	*78*		ug/Kg	<6.8		<31		<7.4		<7.4		<7.4	
N-Nitrosodiphenylamine	*111,000*		ug/Kg	<20		<93		<22		<22		<22	
Pentachlorophenol	*1,020*	**20**	ug/Kg	<86		<390		<94		<93		<93	
Phenanthrene			ug/Kg	4700		570		34	J	<8.1		<8.1	
Phenol	*19,000,000*	**2,287**	ug/Kg	<15		<68		<16		<16		<16	
Pyrene	*1,790,000*	**54,470**	ug/Kg	8800		1700		150		12	J	21	J
Pyridine	*78,200*		ug/Kg	<230		<1000		<250		<250		<250	
Total SVOCs			ug/Kg	54,356		12,311		1,459		185		294	

DC_{N-I}: Non-Industrial Direct Contact

GWP: Groundwater Pathway

*- LCS and/or LCSD is outside acceptance limits, low biased.

*+ LCS and/or LCSD is outside acceptance limits, high biased.

F1 MS and/or MSD recovery exceeds control limits.

J Result is less than the RL but greater than or equal to the

S1- Surrogate recovery exceeds control limits, low biased.

S1+ Surrogate recovery exceeds control limits, high biased.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Mark Manthey
Tetra Tech GEO
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Brookfield, Wisconsin 53005

Generated 11/16/2023 5:23:10 PM

JOB DESCRIPTION

Beazer Oak Creek - Depot Rd

JOB NUMBER

500-242450-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Compliance Statement

The LOD and LOQ reported are adjusted by the dilution factor when a dilution factor greater than 1 is needed. Additionally, where results are indicated as being reported on a dry weight basis, the LOD and LOQ are adjusted for moisture content as well.

Definitions of Limits
- LOD = Limit of Detection = MDL as defined by 40 CFR part 136 Appendix B
- LOQ = Limit of Quantitation = 3.33 x LOD as defined by Wisconsin
- RL = Report Limit = a concentration supported by a standard in the calibration curves

Authorization

Generated
11/16/2023 5:23:10 PM

Authorized for release by
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Table of Contents

Job ID: 500-242450-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative
500-242450-1

Receipt
The samples were received on 11/11/2023 9:40 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.8º C and 1.5º C.

Receipt Exceptions
The following samples were submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): DR-2A-5-6 (500-242450-1), DR-2/3A-5-6 (500-242450-2), DR-1/2A-5.5-6.5 (500-242450-3), DR-1A-2-3 (500-242450-4), DR-1/4A-2-3 (500-242450-5), DR-3/4A-2-3 (500-242450-6), DR-5A-0.5-1.5 (500-242450-7), DR-5/6A-1.5-2.5 (500-242450-8), DR-6/7A-3-4 (500-242450-9), DR-3A-3-4 (500-242450-10), DR-5/8A-2.5-3.5 (500-242450-11), DR-7A-1-2 (500-242450-12), DR-7/8A-2-3 (500-242450-13), DR-9/12A-1.6-2.6 (500-242450-14), DR-13/14A-1-2 (500-242450-15), DR-10/11A-2-3 (500-242450-16), DR-13/16A-3-4 (500-242450-17), DR-13A-1-2 (500-242450-18), DR-9A-2-3 (500-242450-19), DR-9/10A-3-4 (500-242450-20), DR-10A-2-3 (500-242450-21), FP-4-7.4-8.4 (500-242450-22), FP-5-5-6 (500-242450-23), FP-3-7.5-8.5 (500-242450-24), FP-6-7.5-8.5 (500-242450-25), FP-8-7-8 (500-242450-26), FP-7-7.5-8.5 (500-242450-27), DR-2A-1.2-2.2 (500-242450-28), DR-2/3A-2-3 (500-242450-29), DR-1/2A-1.5-2.5 (500-242450-30), DR-10A 2-3 ASPHALT (500-242450-31) and DR-2A 1.2-2.2 ASPHALT (500-242450-32)
Samples 28,29,30 recieved, not listed on any COC. Data from jars/vials, transcribed by JAJ onto a blank COC. samples logged for similar tests as others, based on jars/vials provided. PLease amend as needed. JAJ

GC/MS VOA
Method 5035: sample vial has < 8 grams of soil in 10 ml of methanol.

DR-1/2A-5.5-6.5 (500-242450-3), DR-1A-2-3 (500-242450-4), DR-1/4A-2-3 (500-242450-5), DR-3/4A-2-3 (500-242450-6), DR-5A-0.5-1.5 (500-242450-7), DR-5/6A-1.5-2.5 (500-242450-8), DR-5/8A-2.5-3.5 (500-242450-11), DR-7A-1-2 (500-242450-12), DR-9/12A-1.6-2.6 (500-242450-14), DR-13/14A-1-2 (500-242450-15), DR-10/11A-2-3 (500-242450-16), DR-13A-1-2 (500-242450-18), DR-9A-2-3 (500-242450-19) and DR-2A-1.2-2.2 (500-242450-28)

Method 8260D: Methylene chloride was detected in the following items: DR-9/10A-3-4 (500-242450-20), DR-10A-2-3 (500-242450-21), DR-2A-1.2-2.2 (500-242450-28) and DR-2/3A-2-3 (500-242450-29). Methylene chloride is a known lab contaminant; therefore all low level detects for this compound could be suspected as lab contamination.

Method 8260D: The laboratory control sample (LCS) for 741763 recovered outside control limits for many analytes. This is a prepped 5035 LCS. All daily instrument LCSs were acceptable, and the data have been reported.DR-9/10A-3-4 (500-242450-20), DR-10A-2-3 (500-242450-21), DR-2A-1.2-2.2 (500-242450-28), DR-2/3A-2-3 (500-242450-29) and DR-1/2A-1.5-2.5 (500-242450-30)

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 500-741762 and analytical batch 500-742005 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8260D: The method blank for analytical batch 500-742005 contained Trichloroethene above the method detection limit (MDL). Associated samples were not re-analyzed because the method blank results were less than the reporting limit (RL).

Method 8260D: The laboratory control sample (LCS) for preparation batch 500-741763, 500-741763, 500-741763, 500-741763 and 500-741763 and analytical batch 500-742225 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 8260D: The method blank for analytical batch 500-742225 contained Chloroform above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.(MB 500-742225/6)

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

GC/MS Semi VOA
Method 8270E: Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside

Job ID: 500-242450-1 (Continued)

Laboratory: Eurofins Chicago (Continued)

acceptance limits. The laboratory's SOP allows for 3 analytes to recover outside criteria for this method when utilizing this list of analytes. The LCS associated with preparation batch 500-742116 and analytical batch 500-742252 had 1 analytes outside control limits: Hexachlorocyclopentadiene. These results have been reported and qualified.

Method 8270E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 500-742116 and analytical batch 500-742252 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8270E: The following samples contained one base surrogate outside acceptance limits: DR-9/12A-1.6-2.6 (500-242450-14). The laboratory's SOP allows one acid and one base surrogate to be outside acceptance limits; therefore, re-extraction was not performed. These results have been reported and qualified.

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-742242 was outside the method criteria for the following analyte(s): Benzo[a]pyrene, Benzo[g,h,i]perylene and Indeno[1,2,3-cd]pyrene. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The following samples were diluted due to the nature of the sample matrix: DR-2/3A-2-3 (500-242450-29), DR-10A 2-3 ASPHALT (500-242450-31) and DR-2A 1.2-2.2 ASPHALT (500-242450-32). Elevated reporting limits (RLs) are provided.

Method 8270E: Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 3 analytes to recover outside criteria for this method when utilizing this list of analytes. The LCS associated with preparation batch 500-742280 and analytical batch 500-742488 had 1 analyte outside control limits: Hexachlorocyclopentadiene. 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.

General Chemistry
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 - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-2A-5-6 — Lab Sample ID: 500-242450-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	24	J B	34	11	ug/Kg	50	☼	8260D	Total/NA
Anthracene	11	J	35	7.2	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	18	J	35	7.5	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	41		35	34	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	43		35	34	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	36		35	7.7	ug/Kg	1	☼	8270E	Total/NA
Chrysene	11	J	35	9.4	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	26	J	35	8.2	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	21	J	35	6.4	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	33	J	35	7.7	ug/Kg	1	☼	8270E	Total/NA
Pyrene	20	J	35	9.7	ug/Kg	1	☼	8270E	Total/NA

Client Sample ID: DR-2/3A-5-6 — Lab Sample ID: 500-242450-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	35	J	160	29	ug/Kg	50	☼	8260D	Total/NA
Trichloroethene	21	J B	39	13	ug/Kg	50	☼	8260D	Total/NA
Benzo[a]anthracene	17	J	39	8.3	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	43		39	38	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	47		39	37	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	41		39	8.4	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	12	J	39	9.0	ug/Kg	1	☼	8270E	Total/NA
Pyrene	12	J	39	11	ug/Kg	1	☼	8270E	Total/NA

Client Sample ID: DR-1/2A-5.5-6.5 — Lab Sample ID: 500-242450-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	42	J	180	34	ug/Kg	50	☼	8260D	Total/NA
Naphthalene	37	J	92	31	ug/Kg	50	☼	8260D	Total/NA
Toluene	79		23	13	ug/Kg	50	☼	8260D	Total/NA
Trichloroethene	30	J B	46	15	ug/Kg	50	☼	8260D	Total/NA
Acenaphthene	170		39	8.1	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	34	J	39	6.7	ug/Kg	1	☼	8270E	Total/NA
Anthracene	530		39	8.1	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	3500		39	8.4	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	4400		39	38	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	5100		39	38	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	2600		39	8.6	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	2300		39	15	ug/Kg	1	☼	8270E	Total/NA
Carbazole	260		200	16	ug/Kg	1	☼	8270E	Total/NA
Chrysene	4400		39	10	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	900		39	39	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	48	J	200	14	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	6000		39	9.2	ug/Kg	1	☼	8270E	Total/NA
Fluorene	140		39	12	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	2900		39	39	ug/Kg	1	☼	8270E	Total/NA
1-Methylnaphthalene	33	J	80	7.1	ug/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	36	J	80	8.0	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	69		39	7.2	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	2100		39	8.6	ug/Kg	1	☼	8270E	Total/NA
Pyrene	5300		39	11	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-1A-2-3 — Lab Sample ID: 500-242450-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	42	J	190	34	ug/Kg	50	☼	8260D	Total/NA
Trichloroethene	25	J B	46	15	ug/Kg	50	☼	8260D	Total/NA
Acenaphthene	30	J	39	7.9	ug/Kg	1	☼	8270E	Total/NA
Anthracene	57		39	8.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	890		39	8.3	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	1400		39	38	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1600		39	37	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	940		39	8.5	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	610		39	15	ug/Kg	1	☼	8270E	Total/NA
Carbazole	64	J	200	15	ug/Kg	1	☼	8270E	Total/NA
Chrysene	1200		39	10	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	290		39	39	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1200		39	9.1	ug/Kg	1	☼	8270E	Total/NA
Fluorene	14	J	39	12	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	950		39	38	ug/Kg	1	☼	8270E	Total/NA
1-Methylnaphthalene	7.7	J	79	7.0	ug/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	9.3	J	79	7.8	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	23	J	39	7.1	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	310		39	8.5	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1300		39	11	ug/Kg	1	☼	8270E	Total/NA

Client Sample ID: DR-1/4A-2-3 — Lab Sample ID: 500-242450-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	47	J	170	32	ug/Kg	50	☼	8260D	Total/NA
Trichloroethene	22	J B	43	14	ug/Kg	50	☼	8260D	Total/NA
Benzo[a]anthracene	44		37	7.8	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	85		37	36	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	96		37	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	63		37	8.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	25	J	37	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	52		37	9.7	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	58		37	8.6	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	54		37	36	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	19	J	37	8.0	ug/Kg	1	☼	8270E	Total/NA
Pyrene	58		37	10	ug/Kg	1	☼	8270E	Total/NA

Client Sample ID: DR-3/4A-2-3 — Lab Sample ID: 500-242450-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	47	J	190	35	ug/Kg	50	☼	8260D	Total/NA
Trichloroethene	22	J B	47	15	ug/Kg	50	☼	8260D	Total/NA
Acenaphthene	50		40	8.1	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	43		40	6.8	ug/Kg	1	☼	8270E	Total/NA
Anthracene	110		40	8.2	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	1900		40	8.5	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	2700		40	39	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	3400		40	38	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	1900		40	8.7	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	1300		40	15	ug/Kg	1	☼	8270E	Total/NA
Carbazole	120	J	200	16	ug/Kg	1	☼	8270E	Total/NA
Chrysene	2600		40	11	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DR-3/4A-2-3 (Continued) — Lab Sample ID: 500-242450-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dibenz(a,h)anthracene	610		40	40	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	26	J	200	14	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	2800		40	9.3	ug/Kg	1	☼	8270E	Total/NA
Fluorene	29	J	40	12	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	2000		40	39	ug/Kg	1	☼	8270E	Total/NA
1-Methylnaphthalene	37	J	81	7.2	ug/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	44	J	81	8.0	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	56		40	7.2	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	730		40	8.7	ug/Kg	1	☼	8270E	Total/NA
Pyrene	2800		40	11	ug/Kg	1	☼	8270E	Total/NA

Client Sample ID: DR-5A-0.5-1.5 — Lab Sample ID: 500-242450-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	48	J	99	33	ug/Kg	50	☼	8260D	Total/NA
Toluene	24	J	25	15	ug/Kg	50	☼	8260D	Total/NA
Xylenes, Total	32	J	49	22	ug/Kg	50	☼	8260D	Total/NA
Acenaphthene	61		39	8.1	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	6.8	J	39	6.7	ug/Kg	1	☼	8270E	Total/NA
Anthracene	100		39	8.1	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	2100		39	8.4	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	3100		39	38	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	3600		39	38	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	2100		39	8.6	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	1500		39	15	ug/Kg	1	☼	8270E	Total/NA
Carbazole	130	J	200	16	ug/Kg	1	☼	8270E	Total/NA
Chrysene	2700		39	10	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	690		39	39	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	33	J	200	14	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	2600		39	9.2	ug/Kg	1	☼	8270E	Total/NA
Fluorene	30	J	39	12	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	2100		39	39	ug/Kg	1	☼	8270E	Total/NA
1-Methylnaphthalene	57	J	80	7.1	ug/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	69	J	80	7.9	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	81		39	7.2	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	640		39	8.6	ug/Kg	1	☼	8270E	Total/NA
Pyrene	2700		39	11	ug/Kg	1	☼	8270E	Total/NA

Client Sample ID: DR-5/6A-1.5-2.5 — Lab Sample ID: 500-242450-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	26	J	38	8.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	62		38	36	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	71		38	36	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	53		38	8.2	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	16	J	38	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	30	J	38	10	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	34	J	38	8.8	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	44		38	37	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	7.1	J	38	6.8	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	17	J	38	8.2	ug/Kg	1	☼	8270E	Total/NA
Pyrene	34	J	38	10	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-6/7A-3-4 — Lab Sample ID: 500-242450-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	17	J B	35	12	ug/Kg	50	☼	8260D	Total/NA
Benzo[a]anthracene	36	J	38	8.2	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	81		38	37	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	92		38	37	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	68		38	8.4	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	24	J	38	15	ug/Kg	1	☼	8270E	Total/NA
Chrysene	44		38	10	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	40		38	9.0	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	56		38	38	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	11	J	38	8.4	ug/Kg	1	☼	8270E	Total/NA
Pyrene	43		38	11	ug/Kg	1	☼	8270E	Total/NA

Client Sample ID: DR-3A-3-4 — Lab Sample ID: 500-242450-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	17	J B	40	13	ug/Kg	50	☼	8260D	Total/NA
Benzo[a]anthracene	19	J	38	8.1	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	47		38	37	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	52		38	36	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	42		38	8.3	ug/Kg	1	☼	8270E	Total/NA
Chrysene	13	J	38	10	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	15	J	38	8.8	ug/Kg	1	☼	8270E	Total/NA
Pyrene	15	J	38	10	ug/Kg	1	☼	8270E	Total/NA

Client Sample ID: DR-5/8A-2.5-3.5 — Lab Sample ID: 500-242450-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	14	J B	40	13	ug/Kg	50	☼	8260D	Total/NA
Benzo[a]anthracene	12	J	36	7.7	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	37		36	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	39		36	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	35	J	36	7.9	ug/Kg	1	☼	8270E	Total/NA

Client Sample ID: DR-7A-1-2 — Lab Sample ID: 500-242450-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	14	J	40	8.2	ug/Kg	1	☼	8270E	Total/NA
Anthracene	25	J	40	8.2	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	430		40	8.5	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	640		40	39	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	740		40	38	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	440		40	8.7	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	320		40	15	ug/Kg	1	☼	8270E	Total/NA
Carbazole	28	J	200	16	ug/Kg	1	☼	8270E	Total/NA
Chrysene	570		40	11	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	150		40	40	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	590		40	9.3	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	450		40	39	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	11	J	40	7.3	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	150		40	8.7	ug/Kg	1	☼	8270E	Total/NA
Pyrene	600		40	11	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-7/8A-2-3 — Lab Sample ID: 500-242450-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	16	J B	46	15	ug/Kg	50	☼	8260D	Total/NA
Anthracene	12	J	40	8.3	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	150		40	8.6	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	220		40	39	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	270		40	38	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	150		40	8.8	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	97		40	15	ug/Kg	1	☼	8270E	Total/NA
Chrysene	200		40	11	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	63		40	40	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	210		40	9.4	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	150		40	39	ug/Kg	1	☼	8270E	Total/NA
1-Methylnaphthalene	20	J	82	7.2	ug/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	24	J	82	8.1	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	17	J	40	7.3	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	86		40	8.8	ug/Kg	1	☼	8270E	Total/NA
Pyrene	200		40	11	ug/Kg	1	☼	8270E	Total/NA

Client Sample ID: DR-9/12A-1.6-2.6 — Lab Sample ID: 500-242450-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	42	J	110	35	ug/Kg	50	☼	8260D	Total/NA
Acenaphthene	180		40	8.2	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	12	J	40	6.8	ug/Kg	1	☼	8270E	Total/NA
Anthracene	350		40	8.2	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	5500		40	8.5	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	8200		40	39	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	9600		40	38	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	4800		40	8.7	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	3800		40	15	ug/Kg	1	☼	8270E	Total/NA
Carbazole	390		200	16	ug/Kg	1	☼	8270E	Total/NA
Chrysene	7000		40	11	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	1700		40	40	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	53	J	200	14	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	7100		40	9.3	ug/Kg	1	☼	8270E	Total/NA
Fluorene	88		40	12	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	5400		40	39	ug/Kg	1	☼	8270E	Total/NA
1-Methylnaphthalene	65	J	81	7.2	ug/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	76	J	81	8.1	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	130		40	7.3	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	1900		40	8.7	ug/Kg	1	☼	8270E	Total/NA
Pyrene	7000		40	11	ug/Kg	1	☼	8270E	Total/NA

Client Sample ID: DR-13/14A-1-2 — Lab Sample ID: 500-242450-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	16	J B	42	14	ug/Kg	50	☼	8260D	Total/NA
Benzo[a]anthracene	130		37	7.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	200		37	36	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	220		37	36	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	150		37	8.1	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	91		37	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	170		37	9.9	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Client Sample ID: DR-13/14A-1-2 (Continued) — Lab Sample ID: 500-242450-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dibenz(a,h)anthracene	44		37	37	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	140		37	8.7	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	130		37	36	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	34	J	37	8.1	ug/Kg	1	☼	8270E	Total/NA
Pyrene	150		37	10	ug/Kg	1	☼	8270E	Total/NA

Client Sample ID: DR-10/11A-2-3 — Lab Sample ID: 500-242450-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	31	J	94	31	ug/Kg	50	☼	8260D	Total/NA
Toluene	16	J	23	14	ug/Kg	50	☼	8260D	Total/NA
1,2,4-Trimethylbenzene	36	J	94	33	ug/Kg	50	☼	8260D	Total/NA
Xylenes, Total	56		47	21	ug/Kg	50	☼	8260D	Total/NA
Acenaphthene	25	J	38	7.8	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	11	J	38	6.5	ug/Kg	1	☼	8270E	Total/NA
Anthracene	51		38	7.8	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	83		38	8.1	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	91		38	37	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	110		38	36	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	71		38	8.3	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	21	J	38	14	ug/Kg	1	☼	8270E	Total/NA
Carbazole	24	J	190	15	ug/Kg	1	☼	8270E	Total/NA
Chrysene	100		38	10	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	40		38	38	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	120	J	190	14	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	190		38	8.9	ug/Kg	1	☼	8270E	Total/NA
Fluorene	37	J	38	11	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	55		38	37	ug/Kg	1	☼	8270E	Total/NA
1-Methylnaphthalene	350		77	6.8	ug/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	390		77	7.7	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	230		38	6.9	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	390		38	8.3	ug/Kg	1	☼	8270E	Total/NA
Pyrene	190		38	10	ug/Kg	1	☼	8270E	Total/NA

Client Sample ID: DR-13/16A-3-4 — Lab Sample ID: 500-242450-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	14	J B	39	13	ug/Kg	50	☼	8260D	Total/NA
Benzo[a]anthracene	17	J	37	7.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	44		37	36	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	48		37	36	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	41		37	8.1	ug/Kg	1	☼	8270E	Total/NA
Chrysene	12	J	37	9.9	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	11	J	37	8.7	ug/Kg	1	☼	8270E	Total/NA
Pyrene	12	J	37	10	ug/Kg	1	☼	8270E	Total/NA

Client Sample ID: DR-13A-1-2 — Lab Sample ID: 500-242450-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	24	J	37	7.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	58		37	36	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	63		37	36	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DR-13A-1-2 (Continued) — Lab Sample ID: 500-242450-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	47		37	8.1	ug/Kg	1	☼	8270E	Total/NA
Chrysene	24	J	37	9.8	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	21	J	37	8.7	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	36	J	37	36	ug/Kg	1	☼	8270E	Total/NA
Pyrene	21	J	37	10	ug/Kg	1	☼	8270E	Total/NA

Client Sample ID: DR-9A-2-3 — Lab Sample ID: 500-242450-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	23	J	36	7.8	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	58		36	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	61		36	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	50		36	7.9	ug/Kg	1	☼	8270E	Total/NA
Chrysene	35	J	36	9.6	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	23	J	36	8.5	ug/Kg	1	☼	8270E	Total/NA
Pyrene	30	J	36	10	ug/Kg	1	☼	8270E	Total/NA

Client Sample ID: DR-9/10A-3-4 — Lab Sample ID: 500-242450-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	57	J B	160	30	ug/Kg	50	☼	8260D	Total/NA
Methylene Chloride	140	J B	410	130	ug/Kg	50	☼	8260D	Total/NA
Naphthalene	41	J	81	27	ug/Kg	50	☼	8260D	Total/NA
Benzo[a]pyrene	43		38	37	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	45		38	37	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	43		38	8.3	ug/Kg	1	☼	8270E	Total/NA
Chrysene	23	J	38	10	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	9.2	J	38	9.0	ug/Kg	1	☼	8270E	Total/NA
Pyrene	21	J	38	11	ug/Kg	1	☼	8270E	Total/NA

Client Sample ID: DR-10A-2-3 — Lab Sample ID: 500-242450-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	41	J B	130	23	ug/Kg	50	☼	8260D	Total/NA
Methylene Chloride	110	J B	320	100	ug/Kg	50	☼	8260D	Total/NA
Naphthalene	25	J	63	21	ug/Kg	50	☼	8260D	Total/NA
Acenaphthene	250		34	7.0	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	24	J	34	5.9	ug/Kg	1	☼	8270E	Total/NA
Anthracene	2000		34	7.1	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	4700		34	7.3	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	5000		34	33	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	5200		34	33	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	2600		34	7.5	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	1900		34	13	ug/Kg	1	☼	8270E	Total/NA
Carbazole	270		170	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	4500		34	9.1	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	780		34	34	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	110	J	170	12	ug/Kg	1	☼	8270E	Total/NA
Fluorene	380		34	10	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	3200		34	34	ug/Kg	1	☼	8270E	Total/NA
1-Methylnaphthalene	14	J	70	6.2	ug/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	13	J	70	6.9	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DR-10A-2-3 (Continued) — Lab Sample ID: 500-242450-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	15	J	34	6.2	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	4700		34	7.5	ug/Kg	1	☼	8270E	Total/NA
Pyrene	8800		34	9.4	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene - DL	9900		340	80	ug/Kg	10	☼	8270E	Total/NA

Client Sample ID: DR-2A-1.2-2.2 — Lab Sample ID: 500-242450-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	61	J B	170	32	ug/Kg	50	☼	8260D	Total/NA
Methylene Chloride	150	J B	430	140	ug/Kg	50	☼	8260D	Total/NA
Anthracene	14	J	39	8.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	39		39	8.3	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	48		39	37	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	18	J	39	8.5	ug/Kg	1	☼	8270E	Total/NA
Chrysene	30	J	39	10	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	15	J	200	14	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	59		39	9.1	ug/Kg	1	☼	8270E	Total/NA
1-Methylnaphthalene	44	J	79	7.0	ug/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	46	J	79	7.9	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	33	J	39	7.1	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	76		39	8.5	ug/Kg	1	☼	8270E	Total/NA
Pyrene	53		39	11	ug/Kg	1	☼	8270E	Total/NA

Client Sample ID: DR-2/3A-2-3 — Lab Sample ID: 500-242450-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	62	J B	170	31	ug/Kg	50	☼	8260D	Total/NA
Methylene Chloride	160	J B	420	140	ug/Kg	50	☼	8260D	Total/NA
Naphthalene	140		84	28	ug/Kg	50	☼	8260D	Total/NA
Toluene	29		21	12	ug/Kg	50	☼	8260D	Total/NA
1,2,4-Trimethylbenzene	32	J *+	84	30	ug/Kg	50	☼	8260D	Total/NA
Xylenes, Total	73		42	19	ug/Kg	50	☼	8260D	Total/NA
Acenaphthene	500		190	40	ug/Kg	5	☼	8270E	Total/NA
Acenaphthylene	230		190	33	ug/Kg	5	☼	8270E	Total/NA
Anthracene	1500		190	40	ug/Kg	5	☼	8270E	Total/NA
Benzo[a]anthracene	11000		190	41	ug/Kg	5	☼	8270E	Total/NA
Benzo[a]pyrene	18000		190	190	ug/Kg	5	☼	8270E	Total/NA
Benzo[b]fluoranthene	20000		190	190	ug/Kg	5	☼	8270E	Total/NA
Benzo[g,h,i]perylene	11000		190	42	ug/Kg	5	☼	8270E	Total/NA
Benzo[k]fluoranthene	8200		190	74	ug/Kg	5	☼	8270E	Total/NA
Carbazole	920	J	980	77	ug/Kg	5	☼	8270E	Total/NA
Chrysene	15000		190	51	ug/Kg	5	☼	8270E	Total/NA
Dibenz(a,h)anthracene	3300		190	190	ug/Kg	5	☼	8270E	Total/NA
Dibenzofuran	200	J	980	69	ug/Kg	5	☼	8270E	Total/NA
Fluoranthene	23000		190	45	ug/Kg	5	☼	8270E	Total/NA
Fluorene	410		190	58	ug/Kg	5	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	13000		190	190	ug/Kg	5	☼	8270E	Total/NA
1-Methylnaphthalene	190	J	390	35	ug/Kg	5	☼	8270E	Total/NA
2-Methylnaphthalene	210	J	390	39	ug/Kg	5	☼	8270E	Total/NA
Naphthalene	280		190	35	ug/Kg	5	☼	8270E	Total/NA
Phenanthrene	7300		190	42	ug/Kg	5	☼	8270E	Total/NA
Pyrene	19000		190	53	ug/Kg	5	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DR-1/2A-1.5-2.5 — Lab Sample ID: 500-242450-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	57	J B	160	29	ug/Kg	50	☼	8260D	Total/NA
Benzo[a]anthracene	21	J	37	7.8	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	40		37	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	18	J	37	8.0	ug/Kg	1	☼	8270E	Total/NA
Chrysene	15	J	37	9.7	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	20	J	37	8.5	ug/Kg	1	☼	8270E	Total/NA
Pyrene	20	J	37	10	ug/Kg	1	☼	8270E	Total/NA

Client Sample ID: DR-10A 2-3 ASPHALT — Lab Sample ID: 500-242450-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	49	J	160	32	ug/Kg	5	☼	8270E	Total/NA
Acenaphthylene	28	J	160	27	ug/Kg	5	☼	8270E	Total/NA
Anthracene	140	J	160	32	ug/Kg	5	☼	8270E	Total/NA
Benzo[a]anthracene	950		160	33	ug/Kg	5	☼	8270E	Total/NA
Benzo[a]pyrene	1200		160	150	ug/Kg	5	☼	8270E	Total/NA
Benzo[b]fluoranthene	1800		160	150	ug/Kg	5	☼	8270E	Total/NA
Benzo[g,h,i]perylene	680		160	34	ug/Kg	5	☼	8270E	Total/NA
Benzo[k]fluoranthene	530		160	60	ug/Kg	5	☼	8270E	Total/NA
Chrysene	1200		160	42	ug/Kg	5	☼	8270E	Total/NA
Dibenz(a,h)anthracene	300		160	160	ug/Kg	5	☼	8270E	Total/NA
Fluoranthene	2000		160	37	ug/Kg	5	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1000		160	150	ug/Kg	5	☼	8270E	Total/NA
1-Methylnaphthalene	75	J	320	28	ug/Kg	5	☼	8270E	Total/NA
2-Methylnaphthalene	89	J	320	32	ug/Kg	5	☼	8270E	Total/NA
Phenanthrene	570		160	34	ug/Kg	5	☼	8270E	Total/NA
Pyrene	1700		160	43	ug/Kg	5	☼	8270E	Total/NA

Client Sample ID: DR-2A 1.2-2.2 ASPHALT — Lab Sample ID: 500-242450-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	1700		160	33	ug/Kg	5	☼	8270E	Total/NA
Anthracene	1900		160	33	ug/Kg	5	☼	8270E	Total/NA
Benzo[a]anthracene	840		160	34	ug/Kg	5	☼	8270E	Total/NA
Benzo[a]pyrene	520		160	160	ug/Kg	5	☼	8270E	Total/NA
Benzo[b]fluoranthene	740		160	150	ug/Kg	5	☼	8270E	Total/NA
Benzo[g,h,i]perylene	190		160	35	ug/Kg	5	☼	8270E	Total/NA
Benzo[k]fluoranthene	290		160	61	ug/Kg	5	☼	8270E	Total/NA
Carbazole	250	J	810	64	ug/Kg	5	☼	8270E	Total/NA
Chrysene	920		160	42	ug/Kg	5	☼	8270E	Total/NA
Dibenzofuran	2600		810	57	ug/Kg	5	☼	8270E	Total/NA
Fluoranthene	3700		160	37	ug/Kg	5	☼	8270E	Total/NA
Fluorene	1800		160	48	ug/Kg	5	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	340		160	160	ug/Kg	5	☼	8270E	Total/NA
1-Methylnaphthalene	1400		320	29	ug/Kg	5	☼	8270E	Total/NA
2-Methylnaphthalene	2700		320	32	ug/Kg	5	☼	8270E	Total/NA
Naphthalene	7000		160	29	ug/Kg	5	☼	8270E	Total/NA
Phenanthrene	8500		160	35	ug/Kg	5	☼	8270E	Total/NA
Pyrene	2300		160	44	ug/Kg	5	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CHI
Moisture	Percent Moisture	EPA	EET CHI
3546	Microwave Extraction	SW846	EET CHI
5035	Closed System Purge and Trap	SW846	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

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

Sample Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-242450-1	DR-2A-5-6	Solid	11/09/23 10:35	11/11/23 09:40
500-242450-2	DR-2/3A-5-6	Solid	11/09/23 11:05	11/11/23 09:40
500-242450-3	DR-1/2A-5.5-6.5	Solid	11/09/23 11:40	11/11/23 09:40
500-242450-4	DR-1A-2-3	Solid	11/09/23 12:00	11/11/23 09:40
500-242450-5	DR-1/4A-2-3	Solid	11/09/23 12:20	11/11/23 09:40
500-242450-6	DR-3/4A-2-3	Solid	11/09/23 13:30	11/11/23 09:40
500-242450-7	DR-5A-0.5-1.5	Solid	11/09/23 14:10	11/11/23 09:40
500-242450-8	DR-5/6A-1.5-2.5	Solid	11/09/23 14:25	11/11/23 09:40
500-242450-9	DR-6/7A-3-4	Solid	11/09/23 14:35	11/11/23 09:40
500-242450-10	DR-3A-3-4	Solid	11/09/23 13:45	11/11/23 09:40
500-242450-11	DR-5/8A-2.5-3.5	Solid	11/09/23 13:55	11/11/23 09:40
500-242450-12	DR-7A-1-2	Solid	11/09/23 15:05	11/11/23 09:40
500-242450-13	DR-7/8A-2-3	Solid	11/09/23 15:15	11/11/23 09:40
500-242450-14	DR-9/12A-1.6-2.6	Solid	11/09/23 15:30	11/11/23 09:40
500-242450-15	DR-13/14A-1-2	Solid	11/10/23 09:30	11/11/23 09:40
500-242450-16	DR-10/11A-2-3	Solid	11/10/23 08:55	11/11/23 09:40
500-242450-17	DR-13/16A-3-4	Solid	11/10/23 09:10	11/11/23 09:40
500-242450-18	DR-13A-1-2	Solid	11/10/23 09:15	11/11/23 09:40
500-242450-19	DR-9A-2-3	Solid	11/10/23 08:15	11/11/23 09:40
500-242450-20	DR-9/10A-3-4	Solid	11/10/23 08:25	11/11/23 09:40
500-242450-21	DR-10A-2-3	Solid	11/10/23 08:40	11/11/23 09:40
500-242450-28	DR-2A-1.2-2.2	Solid	11/09/23 10:15	11/11/23 09:40
500-242450-29	DR-2/3A-2-3	Solid	11/09/23 10:50	11/11/23 09:40
500-242450-30	DR-1/2A-1.5-2.5	Solid	11/09/23 11:20	11/11/23 09:40
500-242450-31	DR-10A 2-3 ASPHALT	Solid	11/10/23 08:40	11/11/23 09:40
500-242450-32	DR-2A 1.2-2.2 ASPHALT	Solid	11/09/23 10:15	11/11/23 09:40

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-2A-5-6
Date Collected: 11/09/23 10:35
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-1
Matrix: Solid
Percent Solids: 88.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<10		17	10	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Bromobenzene	<24		68	24	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Bromochloromethane	<29		68	29	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Bromodichloromethane	<25		68	25	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Bromoform	<33		68	33	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Bromomethane	<55	F1	210	55	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Carbon tetrachloride	<26		68	26	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Chlorobenzene	<26		68	26	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Chloroethane	<35		340	35	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Chloroform	<25		140	25	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Chloromethane	<22		340	22	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
2-Chlorotoluene	<22		68	22	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
4-Chlorotoluene	<24		68	24	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
cis-1,2-Dichloroethene	<28		68	28	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
cis-1,3-Dichloropropene	<28		68	28	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Dibromochloromethane	<33		68	33	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
1,2-Dibromo-3-Chloropropane	<140		340	140	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Dibromomethane	<18		68	18	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
1,2-Dichlorobenzene	<23		68	23	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
1,3-Dichlorobenzene	<27		68	27	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
1,4-Dichlorobenzene	<25		68	25	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Dichlorodifluoromethane	<46		210	46	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
1,1-Dichloroethane	<28		68	28	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
1,2-Dichloroethane	<27		68	27	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
1,1-Dichloroethene	<27		68	27	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
1,2-Dichloropropane	<29		68	29	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
1,3-Dichloropropane	<25		68	25	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
2,2-Dichloropropane	<30		340	30	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
1,1-Dichloropropene	<20		68	20	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Ethylbenzene	<13		17	13	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
1,2-Dibromoethane (EDB)	<26		68	26	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Hexachlorobutadiene	<31		68	31	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Isopropylbenzene	<26		68	26	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Isopropyl ether	<19		68	19	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Methylene Chloride	<110		340	110	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Methyl tert-butyl ether	<27		68	27	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Naphthalene	<23		68	23	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
n-Butylbenzene	<27		68	27	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
N-Propylbenzene	<28		68	28	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
p-Isopropyltoluene	<25		68	25	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
sec-Butylbenzene	<27		68	27	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Styrene	<26		68	26	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
tert-Butylbenzene	<27		68	27	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
1,1,1,2-Tetrachloroethane	<32		68	32	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
1,1,2,2-Tetrachloroethane	<27		68	27	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Tetrachloroethene	<25		68	25	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Toluene	<10		17	10	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
trans-1,2-Dichloroethene	<24		68	24	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
trans-1,3-Dichloropropene	<25		68	25	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50

Client Sample ID: DR-2A-5-6

Date Collected: 11/09/23 10:35
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-1

Matrix: Solid
Percent Solids: 88.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<31		68	31	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
1,2,4-Trichlorobenzene	<23		68	23	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
1,1,1-Trichloroethane	<26		68	26	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
1,1,2-Trichloroethane	<24		68	24	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Trichloroethene	**24**	**J B**	34	11	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Trichlorofluoromethane	<29		68	29	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
1,2,3-Trichloropropane	<28		140	28	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
1,2,4-Trimethylbenzene	<25		68	25	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
1,3,5-Trimethylbenzene	<26		68	26	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Vinyl chloride	<18		68	18	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50
Xylenes, Total	<15		34	15	ug/Kg	☼	11/09/23 10:35	11/14/23 11:23	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*	*11/09/23 10:35*	*11/14/23 11:23*	*50*
Dibromofluoromethane	*102*		*75 - 120*	*11/09/23 10:35*	*11/14/23 11:23*	*50*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*	*11/09/23 10:35*	*11/14/23 11:23*	*50*
Toluene-d8 (Surr)	*93*		*75 - 120*	*11/09/23 10:35*	*11/14/23 11:23*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.2		35	7.2	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Acenaphthylene	<6.0		35	6.0	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Anthracene	**11**	**J**	35	7.2	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Benzo[a]anthracene	**18**	**J**	35	7.5	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Benzo[a]pyrene	**41**		35	34	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Benzo[b]fluoranthene	**43**		35	34	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Benzo[g,h,i]perylene	**36**		35	7.7	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Benzoic acid	<220		1800	220	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Benzo[k]fluoranthene	<13		35	13	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Benzyl alcohol	<86		720	86	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Bis(2-chloroethoxy)methane	<13		180	13	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Bis(2-chloroethyl)ether	<16		180	16	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Bis(2-ethylhexyl) phthalate	<140		180	140	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
4-Bromophenyl phenyl ether	<24		180	24	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Butyl benzyl phthalate	<18		180	18	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Carbazole	<14		180	14	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
4-Chloroaniline	<370		720	370	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
4-Chloro-3-methylphenol	<14		350	14	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
2-Chloronaphthalene	<13		180	13	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
2-Chlorophenol	<11		180	11	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
4-Chlorophenyl phenyl ether	<46		180	46	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Chrysene	**11**	**J**	35	9.4	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Dibenz(a,h)anthracene	<35		35	35	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Dibenzofuran	<13		180	13	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
1,2-Dichlorobenzene	<14		180	14	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
1,3-Dichlorobenzene	<16		180	16	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
1,4-Dichlorobenzene	<17		180	17	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
3,3'-Dichlorobenzidine	<29		180	29	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
2,4-Dichlorophenol	<13		350	13	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Diethyl phthalate	<16		180	16	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1

Client Sample ID: DR-2A-5-6

Date Collected: 11/09/23 10:35
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-1

Matrix: Solid
Percent Solids: 88.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<79		350	79	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Dimethyl phthalate	<7.7		180	7.7	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Di-n-butyl phthalate	<11		180	11	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
4,6-Dinitro-2-methylphenol	<200		720	200	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
2,4-Dinitrophenol	<210		720	210	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
2,4-Dinitrotoluene	<20		180	20	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
2,6-Dinitrotoluene	<12		180	12	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Di-n-octyl phthalate	<250		350	250	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Fluoranthene	**26**	**J**	35	8.2	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Fluorene	<10		35	10	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Hexachlorobenzene	<6.8		72	6.8	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Hexachlorobutadiene	<20		180	20	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Hexachlorocyclopentadiene	<380	*- F1	720	380	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Hexachloroethane	<18	F1	180	18	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Indeno[1,2,3-cd]pyrene	<35		35	35	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Isophorone	<18		180	18	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
1-Methylnaphthalene	<6.3		72	6.3	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
2-Methylnaphthalene	<7.1		72	7.1	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
2-Methylphenol	<19		180	19	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
3 & 4 Methylphenol	<26		180	26	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Naphthalene	**21**	**J**	35	6.4	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
2-Nitroaniline	<19		180	19	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
3-Nitroaniline	<16		350	16	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
4-Nitroaniline	<26		350	26	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Nitrobenzene	<11		35	11	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
2-Nitrophenol	<24		350	24	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
4-Nitrophenol	<130		720	130	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
N-Nitrosodi-n-propylamine	<7.0		72	7.0	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
N-Nitrosodiphenylamine	<21		180	21	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
2,2'-oxybis[1-chloropropane]	<25		180	25	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Pentachlorophenol	<89		720	89	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Phenanthrene	**33**	**J**	35	7.7	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Phenol	<15		180	15	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Pyrene	**20**	**J**	35	9.7	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
Pyridine	<230		720	230	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
1,2,4-Trichlorobenzene	<25		180	25	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
2,4,5-Trichlorophenol	<13		350	13	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1
2,4,6-Trichlorophenol	<12		350	12	ug/Kg	☼	11/14/23 11:30	11/15/23 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*43 - 145*	*11/14/23 11:30*	*11/15/23 19:37*	*1*
2-Fluorophenol (Surr)	*87*		*31 - 166*	*11/14/23 11:30*	*11/15/23 19:37*	*1*
Nitrobenzene-d5 (Surr)	*82*		*37 - 147*	*11/14/23 11:30*	*11/15/23 19:37*	*1*
Phenol-d5 (Surr)	*83*		*30 - 153*	*11/14/23 11:30*	*11/15/23 19:37*	*1*
Terphenyl-d14 (Surr)	*98*		*42 - 157*	*11/14/23 11:30*	*11/15/23 19:37*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*31 - 143*	*11/14/23 11:30*	*11/15/23 19:37*	*1*

Client Sample ID: DR-2/3A-5-6

Date Collected: 11/09/23 11:05
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-2

Matrix: Solid
Percent Solids: 83.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<12		20	12	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Bromobenzene	<28		79	28	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Bromochloromethane	<34		79	34	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Bromodichloromethane	<29		79	29	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Bromoform	<38		79	38	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Bromomethane	<63		240	63	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Carbon tetrachloride	<30		79	30	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Chlorobenzene	<30		79	30	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Chloroethane	<40		390	40	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Chloroform	**35**	**J**	160	29	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Chloromethane	<25		390	25	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
2-Chlorotoluene	<25		79	25	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
4-Chlorotoluene	<28		79	28	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
cis-1,2-Dichloroethene	<32		79	32	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
cis-1,3-Dichloropropene	<33		79	33	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Dibromochloromethane	<39		79	39	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
1,2-Dibromo-3-Chloropropane	<160		390	160	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Dibromomethane	<21		79	21	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
1,2-Dichlorobenzene	<26		79	26	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
1,3-Dichlorobenzene	<32		79	32	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
1,4-Dichlorobenzene	<29		79	29	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Dichlorodifluoromethane	<53		240	53	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
1,1-Dichloroethane	<32		79	32	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
1,2-Dichloroethane	<31		79	31	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
1,1-Dichloroethene	<31		79	31	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
1,2-Dichloropropane	<34		79	34	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
1,3-Dichloropropane	<29		79	29	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
2,2-Dichloropropane	<35		390	35	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
1,1-Dichloropropene	<24		79	24	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Ethylbenzene	<14		20	14	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
1,2-Dibromoethane (EDB)	<30		79	30	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Hexachlorobutadiene	<35		79	35	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Isopropylbenzene	<30		79	30	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Isopropyl ether	<22		79	22	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Methylene Chloride	<130		390	130	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Methyl tert-butyl ether	<31		79	31	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Naphthalene	<26		79	26	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
n-Butylbenzene	<31		79	31	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
N-Propylbenzene	<33		79	33	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
p-Isopropyltoluene	<29		79	29	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
sec-Butylbenzene	<31		79	31	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Styrene	<30		79	30	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
tert-Butylbenzene	<31		79	31	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
1,1,1,2-Tetrachloroethane	<36		79	36	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
1,1,2,2-Tetrachloroethane	<31		79	31	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Tetrachloroethene	<29		79	29	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Toluene	<12		20	12	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
trans-1,2-Dichloroethene	<28		79	28	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
trans-1,3-Dichloropropene	<29		79	29	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-2/3A-5-6

Date Collected: 11/09/23 11:05
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-2

Matrix: Solid
Percent Solids: 83.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<36		79	36	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
1,2,4-Trichlorobenzene	<27		79	27	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
1,1,1-Trichloroethane	<30		79	30	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
1,1,2-Trichloroethane	<28		79	28	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Trichloroethene	**21**	**J B**	39	13	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Trichlorofluoromethane	<34		79	34	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
1,2,3-Trichloropropane	<33		160	33	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
1,2,4-Trimethylbenzene	<28		79	28	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
1,3,5-Trimethylbenzene	<30		79	30	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Vinyl chloride	<21		79	21	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50
Xylenes, Total	<17		39	17	ug/Kg	☼	11/09/23 11:05	11/14/23 11:47	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*	*11/09/23 11:05*	*11/14/23 11:47*	*50*
Dibromofluoromethane	*101*		*75 - 120*	*11/09/23 11:05*	*11/14/23 11:47*	*50*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*	*11/09/23 11:05*	*11/14/23 11:47*	*50*
Toluene-d8 (Surr)	*94*		*75 - 120*	*11/09/23 11:05*	*11/14/23 11:47*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.9		39	7.9	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Acenaphthylene	<6.6		39	6.6	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Anthracene	<8.0		39	8.0	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Benzo[a]anthracene	**17**	**J**	39	8.3	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Benzo[a]pyrene	**43**		39	38	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Benzo[b]fluoranthene	**47**		39	37	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Benzo[g,h,i]perylene	**41**		39	8.4	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Benzoic acid	<240		2000	240	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Benzo[k]fluoranthene	<15		39	15	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Benzyl alcohol	<95		790	95	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Bis(2-chloroethoxy)methane	<15		200	15	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Bis(2-chloroethyl)ether	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Bis(2-ethylhexyl) phthalate	<150		200	150	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
4-Bromophenyl phenyl ether	<27		200	27	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Butyl benzyl phthalate	<19		200	19	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Carbazole	<15		200	15	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
4-Chloroaniline	<410		790	410	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
4-Chloro-3-methylphenol	<15		390	15	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
2-Chloronaphthalene	<15		200	15	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
2-Chlorophenol	<13		200	13	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
4-Chlorophenyl phenyl ether	<51		200	51	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Chrysene	<10		39	10	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Dibenz(a,h)anthracene	<39		39	39	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Dibenzofuran	<14		200	14	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
1,2-Dichlorobenzene	<16		200	16	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
1,3-Dichlorobenzene	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
1,4-Dichlorobenzene	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
3,3'-Dichlorobenzidine	<32		200	32	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
2,4-Dichlorophenol	<14		390	14	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Diethyl phthalate	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1

Client Sample ID: DR-2/3A-5-6
Date Collected: 11/09/23 11:05
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-2
Matrix: Solid
Percent Solids: 83.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<87		390	87	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Dimethyl phthalate	<8.5		200	8.5	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Di-n-butyl phthalate	<12		200	12	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
4,6-Dinitro-2-methylphenol	<220		790	220	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
2,4-Dinitrophenol	<230		790	230	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
2,4-Dinitrotoluene	<22		200	22	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
2,6-Dinitrotoluene	<13		200	13	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Di-n-octyl phthalate	<270		390	270	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Fluoranthene	**12**	**J**	39	9.0	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Fluorene	<12		39	12	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Hexachlorobenzene	<7.5		79	7.5	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Hexachlorobutadiene	<22		200	22	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Hexachlorocyclopentadiene	<410	*-	790	410	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Hexachloroethane	<19		200	19	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Indeno[1,2,3-cd]pyrene	<38		39	38	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Isophorone	<20		200	20	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
1-Methylnaphthalene	<7.0		79	7.0	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
2-Methylnaphthalene	<7.8		79	7.8	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
2-Methylphenol	<21		200	21	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
3 & 4 Methylphenol	<28		200	28	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Naphthalene	<7.0		39	7.0	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
2-Nitroaniline	<21		200	21	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
3-Nitroaniline	<18		390	18	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
4-Nitroaniline	<29		390	29	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Nitrobenzene	<12		39	12	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
2-Nitrophenol	<26		390	26	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
4-Nitrophenol	<140		790	140	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
N-Nitrosodi-n-propylamine	<7.7		79	7.7	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
N-Nitrosodiphenylamine	<23		200	23	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
2,2'-oxybis[1-chloropropane]	<28		200	28	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Pentachlorophenol	<97		790	97	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Phenanthrene	<8.5		39	8.5	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Phenol	<17		200	17	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Pyrene	**12**	**J**	39	11	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
Pyridine	<260		790	260	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
1,2,4-Trichlorobenzene	<28		200	28	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
2,4,5-Trichlorophenol	<15		390	15	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1
2,4,6-Trichlorophenol	<13		390	13	ug/Kg	☼	11/14/23 11:30	11/15/23 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*82*		*43 - 145*	*11/14/23 11:30*	*11/15/23 12:21*	*1*
2-Fluorophenol (Surr)	*83*		*31 - 166*	*11/14/23 11:30*	*11/15/23 12:21*	*1*
Nitrobenzene-d5 (Surr)	*78*		*37 - 147*	*11/14/23 11:30*	*11/15/23 12:21*	*1*
Phenol-d5 (Surr)	*79*		*30 - 153*	*11/14/23 11:30*	*11/15/23 12:21*	*1*
Terphenyl-d14 (Surr)	*97*		*42 - 157*	*11/14/23 11:30*	*11/15/23 12:21*	*1*
2,4,6-Tribromophenol (Surr)	*76*		*31 - 143*	*11/14/23 11:30*	*11/15/23 12:21*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-1/2A-5.5-6.5
Date Collected: 11/09/23 11:40
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-3
Matrix: Solid
Percent Solids: 80.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<13		23	13	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Bromobenzene	<33		92	33	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Bromochloromethane	<39		92	39	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Bromodichloromethane	<34		92	34	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Bromoform	<44		92	44	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Bromomethane	<73		270	73	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Carbon tetrachloride	<35		92	35	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Chlorobenzene	<35		92	35	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Chloroethane	<46		460	46	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Chloroform	**42**	**J**	180	34	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Chloromethane	<29		460	29	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
2-Chlorotoluene	<29		92	29	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
4-Chlorotoluene	<32		92	32	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
cis-1,2-Dichloroethene	<37		92	37	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
cis-1,3-Dichloropropene	<38		92	38	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Dibromochloromethane	<45		92	45	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
1,2-Dibromo-3-Chloropropane	<180		460	180	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Dibromomethane	<25		92	25	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
1,2-Dichlorobenzene	<31		92	31	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
1,3-Dichlorobenzene	<37		92	37	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
1,4-Dichlorobenzene	<33		92	33	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Dichlorodifluoromethane	<62		270	62	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
1,1-Dichloroethane	<38		92	38	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
1,2-Dichloroethane	<36		92	36	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
1,1-Dichloroethene	<36		92	36	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
1,2-Dichloropropane	<39		92	39	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
1,3-Dichloropropane	<33		92	33	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
2,2-Dichloropropane	<41		460	41	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
1,1-Dichloropropene	<27		92	27	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Ethylbenzene	<17		23	17	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
1,2-Dibromoethane (EDB)	<35		92	35	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Hexachlorobutadiene	<41		92	41	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Isopropylbenzene	<35		92	35	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Isopropyl ether	<25		92	25	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Methylene Chloride	<150		460	150	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Methyl tert-butyl ether	<36		92	36	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Naphthalene	**37**	**J**	92	31	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
n-Butylbenzene	<36		92	36	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
N-Propylbenzene	<38		92	38	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
p-Isopropyltoluene	<33		92	33	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
sec-Butylbenzene	<36		92	36	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Styrene	<35		92	35	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
tert-Butylbenzene	<36		92	36	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
1,1,1,2-Tetrachloroethane	<42		92	42	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
1,1,2,2-Tetrachloroethane	<36		92	36	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Tetrachloroethene	<34		92	34	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Toluene	**79**		23	13	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
trans-1,2-Dichloroethene	<32		92	32	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
trans-1,3-Dichloropropene	<33		92	33	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50

Client Sample ID: DR-1/2A-5.5-6.5
Date Collected: 11/09/23 11:40
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-3
Matrix: Solid
Percent Solids: 80.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<42		92	42	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
1,2,4-Trichlorobenzene	<31		92	31	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
1,1,1-Trichloroethane	<35		92	35	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
1,1,2-Trichloroethane	<32		92	32	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Trichloroethene	**30**	**J B**	46	15	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Trichlorofluoromethane	<39		92	39	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
1,2,3-Trichloropropane	<38		180	38	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
1,2,4-Trimethylbenzene	<33		92	33	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
1,3,5-Trimethylbenzene	<35		92	35	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Vinyl chloride	<24		92	24	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50
Xylenes, Total	<20		46	20	ug/Kg	☼	11/09/23 11:40	11/14/23 12:12	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*	*11/09/23 11:40*	*11/14/23 12:12*	*50*
Dibromofluoromethane	*103*		*75 - 120*	*11/09/23 11:40*	*11/14/23 12:12*	*50*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 126*	*11/09/23 11:40*	*11/14/23 12:12*	*50*
Toluene-d8 (Surr)	*92*		*75 - 120*	*11/09/23 11:40*	*11/14/23 12:12*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**170**		39	8.1	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Acenaphthylene	**34**	**J**	39	6.7	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Anthracene	**530**		39	8.1	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Benzo[a]anthracene	**3500**		39	8.4	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Benzo[a]pyrene	**4400**		39	38	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Benzo[b]fluoranthene	**5100**		39	38	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Benzo[g,h,i]perylene	**2600**		39	8.6	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Benzoic acid	<240		2000	240	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Benzo[k]fluoranthene	**2300**		39	15	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Benzyl alcohol	<96		800	96	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Bis(2-chloroethoxy)methane	<15		200	15	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Bis(2-chloroethyl)ether	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Bis(2-ethylhexyl) phthalate	<160		200	160	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
4-Bromophenyl phenyl ether	<27		200	27	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Butyl benzyl phthalate	<20		200	20	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Carbazole	**260**		200	16	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
4-Chloroaniline	<420		800	420	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
4-Chloro-3-methylphenol	<15		390	15	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
2-Chloronaphthalene	<15		200	15	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
2-Chlorophenol	<13		200	13	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
4-Chlorophenyl phenyl ether	<52		200	52	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Chrysene	**4400**		39	10	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Dibenz(a,h)anthracene	**900**		39	39	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Dibenzofuran	**48**	**J**	200	14	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
1,2-Dichlorobenzene	<16		200	16	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
1,3-Dichlorobenzene	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
1,4-Dichlorobenzene	<19		200	19	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
3,3'-Dichlorobenzidine	<32		200	32	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
2,4-Dichlorophenol	<14		390	14	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Diethyl phthalate	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1

Client Sample ID: DR-1/2A-5.5-6.5
Date Collected: 11/09/23 11:40
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-3
Matrix: Solid
Percent Solids: 80.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<89		390	89	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Dimethyl phthalate	<8.6		200	8.6	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Di-n-butyl phthalate	<13		200	13	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
4,6-Dinitro-2-methylphenol	<220		800	220	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
2,4-Dinitrophenol	<230		800	230	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
2,4-Dinitrotoluene	<23		200	23	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
2,6-Dinitrotoluene	<13		200	13	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Di-n-octyl phthalate	<280		390	280	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Fluoranthene	**6000**		39	9.2	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Fluorene	**140**		39	12	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Hexachlorobenzene	<7.6		80	7.6	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Hexachlorobutadiene	<22		200	22	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Hexachlorocyclopentadiene	<420	*-	800	420	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Hexachloroethane	<20		200	20	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Indeno[1,2,3-cd]pyrene	**2900**		39	39	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Isophorone	<20		200	20	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
1-Methylnaphthalene	**33**	**J**	80	7.1	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
2-Methylnaphthalene	**36**	**J**	80	8.0	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
2-Methylphenol	<21		200	21	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
3 & 4 Methylphenol	<29		200	29	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Naphthalene	**69**		39	7.2	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
2-Nitroaniline	<21		200	21	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
3-Nitroaniline	<18		390	18	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
4-Nitroaniline	<29		390	29	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Nitrobenzene	<13		39	13	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
2-Nitrophenol	<27		390	27	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
4-Nitrophenol	<150		800	150	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
N-Nitrosodi-n-propylamine	<7.8		80	7.8	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
N-Nitrosodiphenylamine	<24		200	24	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
2,2'-oxybis[1-chloropropane]	<28		200	28	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Pentachlorophenol	<99		800	99	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Phenanthrene	**2100**		39	8.6	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Phenol	<17		200	17	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Pyrene	**5300**		39	11	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
Pyridine	<260		800	260	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
1,2,4-Trichlorobenzene	<28		200	28	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
2,4,5-Trichlorophenol	<15		390	15	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1
2,4,6-Trichlorophenol	<13		390	13	ug/Kg	☼	11/14/23 11:30	11/15/23 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*82*		*43 - 145*	*11/14/23 11:30*	*11/15/23 18:49*	*1*
2-Fluorophenol (Surr)	*81*		*31 - 166*	*11/14/23 11:30*	*11/15/23 18:49*	*1*
Nitrobenzene-d5 (Surr)	*76*		*37 - 147*	*11/14/23 11:30*	*11/15/23 18:49*	*1*
Phenol-d5 (Surr)	*81*		*30 - 153*	*11/14/23 11:30*	*11/15/23 18:49*	*1*
Terphenyl-d14 (Surr)	*94*		*42 - 157*	*11/14/23 11:30*	*11/15/23 18:49*	*1*
2,4,6-Tribromophenol (Surr)	*79*		*31 - 143*	*11/14/23 11:30*	*11/15/23 18:49*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-1A-2-3
Date Collected: 11/09/23 12:00
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-4
Matrix: Solid
Percent Solids: 82.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<14		23	14	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Bromobenzene	<33		93	33	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Bromochloromethane	<40		93	40	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Bromodichloromethane	<34		93	34	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Bromoform	<45		93	45	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Bromomethane	<74		280	74	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Carbon tetrachloride	<36		93	36	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Chlorobenzene	<36		93	36	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Chloroethane	<47		460	47	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Chloroform	**42**	**J**	190	34	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Chloromethane	<30		460	30	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
2-Chlorotoluene	<29		93	29	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
4-Chlorotoluene	<32		93	32	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
cis-1,2-Dichloroethene	<38		93	38	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
cis-1,3-Dichloropropene	<39		93	39	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Dibromochloromethane	<45		93	45	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
1,2-Dibromo-3-Chloropropane	<180		460	180	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Dibromomethane	<25		93	25	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
1,2-Dichlorobenzene	<31		93	31	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
1,3-Dichlorobenzene	<37		93	37	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
1,4-Dichlorobenzene	<34		93	34	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Dichlorodifluoromethane	<62		280	62	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
1,1-Dichloroethane	<38		93	38	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
1,2-Dichloroethane	<36		93	36	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
1,1-Dichloroethene	<36		93	36	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
1,2-Dichloropropane	<40		93	40	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
1,3-Dichloropropane	<34		93	34	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
2,2-Dichloropropane	<41		460	41	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
1,1-Dichloropropene	<28		93	28	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Ethylbenzene	<17		23	17	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
1,2-Dibromoethane (EDB)	<36		93	36	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Hexachlorobutadiene	<41		93	41	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Isopropylbenzene	<36		93	36	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Isopropyl ether	<26		93	26	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Methylene Chloride	<150		460	150	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Methyl tert-butyl ether	<37		93	37	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Naphthalene	<31		93	31	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
n-Butylbenzene	<36		93	36	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
N-Propylbenzene	<38		93	38	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
p-Isopropyltoluene	<34		93	34	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
sec-Butylbenzene	<37		93	37	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Styrene	<36		93	36	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
tert-Butylbenzene	<37		93	37	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
1,1,1,2-Tetrachloroethane	<43		93	43	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
1,1,2,2-Tetrachloroethane	<37		93	37	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Tetrachloroethene	<34		93	34	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Toluene	<14		23	14	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
trans-1,2-Dichloroethene	<32		93	32	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
trans-1,3-Dichloropropene	<34		93	34	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50

Client Sample ID: DR-1A-2-3

Date Collected: 11/09/23 12:00
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-4

Matrix: Solid
Percent Solids: 82.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<42		93	42	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
1,2,4-Trichlorobenzene	<32		93	32	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
1,1,1-Trichloroethane	<35		93	35	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
1,1,2-Trichloroethane	<33		93	33	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Trichloroethene	**25**	**J B**	46	15	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Trichlorofluoromethane	<40		93	40	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
1,2,3-Trichloropropane	<38		190	38	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
1,2,4-Trimethylbenzene	<33		93	33	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
1,3,5-Trimethylbenzene	<35		93	35	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Vinyl chloride	<24		93	24	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50
Xylenes, Total	<20		46	20	ug/Kg	☼	11/09/23 12:00	11/14/23 12:36	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*	*11/09/23 12:00*	*11/14/23 12:36*	*50*
Dibromofluoromethane	*103*		*75 - 120*	*11/09/23 12:00*	*11/14/23 12:36*	*50*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*	*11/09/23 12:00*	*11/14/23 12:36*	*50*
Toluene-d8 (Surr)	*93*		*75 - 120*	*11/09/23 12:00*	*11/14/23 12:36*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**30**	**J**	39	7.9	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Acenaphthylene	<6.6		39	6.6	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Anthracene	**57**		39	8.0	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Benzo[a]anthracene	**890**		39	8.3	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Benzo[a]pyrene	**1400**		39	38	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Benzo[b]fluoranthene	**1600**		39	37	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Benzo[g,h,i]perylene	**940**		39	8.5	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Benzoic acid	<240		2000	240	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Benzo[k]fluoranthene	**610**		39	15	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Benzyl alcohol	<95		790	95	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Bis(2-chloroethoxy)methane	<15		200	15	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Bis(2-chloroethyl)ether	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Bis(2-ethylhexyl) phthalate	<150		200	150	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
4-Bromophenyl phenyl ether	<27		200	27	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Butyl benzyl phthalate	<19		200	19	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Carbazole	**64**	**J**	200	15	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
4-Chloroaniline	<410		790	410	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
4-Chloro-3-methylphenol	<15		390	15	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
2-Chloronaphthalene	<15		200	15	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
2-Chlorophenol	<13		200	13	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
4-Chlorophenyl phenyl ether	<51		200	51	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Chrysene	**1200**		39	10	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Dibenz(a,h)anthracene	**290**		39	39	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Dibenzofuran	<14		200	14	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
1,2-Dichlorobenzene	<16		200	16	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
1,3-Dichlorobenzene	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
1,4-Dichlorobenzene	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
3,3'-Dichlorobenzidine	<32		200	32	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
2,4-Dichlorophenol	<14		390	14	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Diethyl phthalate	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1

Client Sample ID: DR-1A-2-3
Date Collected: 11/09/23 12:00
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-4
Matrix: Solid
Percent Solids: 82.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<87		390	87	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Dimethyl phthalate	<8.5		200	8.5	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Di-n-butyl phthalate	<12		200	12	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
4,6-Dinitro-2-methylphenol	<220		790	220	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
2,4-Dinitrophenol	<230		790	230	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
2,4-Dinitrotoluene	<22		200	22	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
2,6-Dinitrotoluene	<13		200	13	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Di-n-octyl phthalate	<270		390	270	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Fluoranthene	**1200**		39	9.1	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Fluorene	**14**	**J**	39	12	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Hexachlorobenzene	<7.5		79	7.5	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Hexachlorobutadiene	<22		200	22	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Hexachlorocyclopentadiene	<410	*-	790	410	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Hexachloroethane	<20		200	20	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Indeno[1,2,3-cd]pyrene	**950**		39	38	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Isophorone	<20		200	20	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
1-Methylnaphthalene	**7.7**	**J**	79	7.0	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
2-Methylnaphthalene	**9.3**	**J**	79	7.8	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
2-Methylphenol	<21		200	21	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
3 & 4 Methylphenol	<29		200	29	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Naphthalene	**23**	**J**	39	7.1	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
2-Nitroaniline	<21		200	21	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
3-Nitroaniline	<18		390	18	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
4-Nitroaniline	<29		390	29	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Nitrobenzene	<12		39	12	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
2-Nitrophenol	<26		390	26	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
4-Nitrophenol	<140		790	140	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
N-Nitrosodi-n-propylamine	<7.7		79	7.7	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
N-Nitrosodiphenylamine	<23		200	23	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
2,2'-oxybis[1-chloropropane]	<28		200	28	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Pentachlorophenol	<98		790	98	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Phenanthrene	**310**		39	8.5	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Phenol	<17		200	17	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Pyrene	**1300**		39	11	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
Pyridine	<260		790	260	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
1,2,4-Trichlorobenzene	<28		200	28	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
2,4,5-Trichlorophenol	<15		390	15	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1
2,4,6-Trichlorophenol	<13		390	13	ug/Kg	☼	11/14/23 11:30	11/15/23 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*82*		*43 - 145*	*11/14/23 11:30*	*11/15/23 17:12*	*1*
2-Fluorophenol (Surr)	*77*		*31 - 166*	*11/14/23 11:30*	*11/15/23 17:12*	*1*
Nitrobenzene-d5 (Surr)	*77*		*37 - 147*	*11/14/23 11:30*	*11/15/23 17:12*	*1*
Phenol-d5 (Surr)	*78*		*30 - 153*	*11/14/23 11:30*	*11/15/23 17:12*	*1*
Terphenyl-d14 (Surr)	*91*		*42 - 157*	*11/14/23 11:30*	*11/15/23 17:12*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*31 - 143*	*11/14/23 11:30*	*11/15/23 17:12*	*1*

Client Sample ID: DR-1/4A-2-3
Date Collected: 11/09/23 12:20
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-5
Matrix: Solid
Percent Solids: 86.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<12		21	12	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Bromobenzene	<30		85	30	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Bromochloromethane	<36		85	36	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Bromodichloromethane	<32		85	32	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Bromoform	<41		85	41	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Bromomethane	<68		260	68	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Carbon tetrachloride	<33		85	33	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Chlorobenzene	<33		85	33	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Chloroethane	<43		430	43	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Chloroform	**47**	**J**	170	32	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Chloromethane	<27		430	27	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
2-Chlorotoluene	<27		85	27	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
4-Chlorotoluene	<30		85	30	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
cis-1,2-Dichloroethene	<35		85	35	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
cis-1,3-Dichloropropene	<35		85	35	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Dibromochloromethane	<42		85	42	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
1,2-Dibromo-3-Chloropropane	<170		430	170	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Dibromomethane	<23		85	23	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
1,2-Dichlorobenzene	<28		85	28	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
1,3-Dichlorobenzene	<34		85	34	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
1,4-Dichlorobenzene	<31		85	31	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Dichlorodifluoromethane	<57		260	57	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
1,1-Dichloroethane	<35		85	35	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
1,2-Dichloroethane	<33		85	33	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
1,1-Dichloroethene	<33		85	33	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
1,2-Dichloropropane	<36		85	36	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
1,3-Dichloropropane	<31		85	31	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
2,2-Dichloropropane	<38		430	38	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
1,1-Dichloropropene	<25		85	25	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Ethylbenzene	<16		21	16	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
1,2-Dibromoethane (EDB)	<33		85	33	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Hexachlorobutadiene	<38		85	38	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Isopropylbenzene	<33		85	33	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Isopropyl ether	<24		85	24	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Methylene Chloride	<140		430	140	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Methyl tert-butyl ether	<34		85	34	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Naphthalene	<28		85	28	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
n-Butylbenzene	<33		85	33	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
N-Propylbenzene	<35		85	35	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
p-Isopropyltoluene	<31		85	31	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
sec-Butylbenzene	<34		85	34	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Styrene	<33		85	33	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
tert-Butylbenzene	<34		85	34	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
1,1,1,2-Tetrachloroethane	<39		85	39	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
1,1,2,2-Tetrachloroethane	<34		85	34	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Tetrachloroethene	<32		85	32	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Toluene	<13		21	13	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
trans-1,2-Dichloroethene	<30		85	30	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
trans-1,3-Dichloropropene	<31		85	31	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50

Client Sample ID: DR-1/4A-2-3

Date Collected: 11/09/23 12:20
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-5

Matrix: Solid
Percent Solids: 86.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<39		85	39	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
1,2,4-Trichlorobenzene	<29		85	29	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
1,1,1-Trichloroethane	<32		85	32	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
1,1,2-Trichloroethane	<30		85	30	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Trichloroethene	**22**	**J B**	43	14	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Trichlorofluoromethane	<36		85	36	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
1,2,3-Trichloropropane	<35		170	35	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
1,2,4-Trimethylbenzene	<30		85	30	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
1,3,5-Trimethylbenzene	<32		85	32	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Vinyl chloride	<22		85	22	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50
Xylenes, Total	<19		43	19	ug/Kg	☼	11/09/23 12:20	11/14/23 13:00	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*	*11/09/23 12:20*	*11/14/23 13:00*	*50*
Dibromofluoromethane	*103*		*75 - 120*	*11/09/23 12:20*	*11/14/23 13:00*	*50*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 126*	*11/09/23 12:20*	*11/14/23 13:00*	*50*
Toluene-d8 (Surr)	*93*		*75 - 120*	*11/09/23 12:20*	*11/14/23 13:00*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.5		37	7.5	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Acenaphthylene	<6.3		37	6.3	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Anthracene	<7.5		37	7.5	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Benzo[a]anthracene	**44**		37	7.8	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Benzo[a]pyrene	**85**		37	36	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Benzo[b]fluoranthene	**96**		37	35	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Benzo[g,h,i]perylene	**63**		37	8.0	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Benzoic acid	<230		1900	230	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Benzo[k]fluoranthene	**25**	**J**	37	14	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Benzyl alcohol	<90		740	90	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Bis(2-chloroethoxy)methane	<14		190	14	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Bis(2-chloroethyl)ether	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Bis(2-ethylhexyl) phthalate	<140		190	140	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
4-Bromophenyl phenyl ether	<25		190	25	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Butyl benzyl phthalate	<18		190	18	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Carbazole	<15		190	15	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
4-Chloroaniline	<390		740	390	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
4-Chloro-3-methylphenol	<14		370	14	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
2-Chloronaphthalene	<14		190	14	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
2-Chlorophenol	<12		190	12	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
4-Chlorophenyl phenyl ether	<48		190	48	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Chrysene	**52**		37	9.7	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Dibenz(a,h)anthracene	<37		37	37	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Dibenzofuran	<13		190	13	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
1,2-Dichlorobenzene	<15		190	15	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
1,3-Dichlorobenzene	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
1,4-Dichlorobenzene	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
3,3'-Dichlorobenzidine	<30		190	30	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
2,4-Dichlorophenol	<13		370	13	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Diethyl phthalate	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1

Client Sample ID: DR-1/4A-2-3
Date Collected: 11/09/23 12:20
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-5
Matrix: Solid
Percent Solids: 86.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<83		370	83	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Dimethyl phthalate	<8.0		190	8.0	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Di-n-butyl phthalate	<12		190	12	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
4,6-Dinitro-2-methylphenol	<210		740	210	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
2,4-Dinitrophenol	<210		740	210	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
2,4-Dinitrotoluene	<21		190	21	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
2,6-Dinitrotoluene	<13		190	13	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Di-n-octyl phthalate	<260		370	260	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Fluoranthene	**58**		37	8.6	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Fluorene	<11		37	11	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Hexachlorobenzene	<7.1		74	7.1	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Hexachlorobutadiene	<21		190	21	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Hexachlorocyclopentadiene	<390	*-	740	390	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Hexachloroethane	<18		190	18	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Indeno[1,2,3-cd]pyrene	**54**		37	36	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Isophorone	<19		190	19	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
1-Methylnaphthalene	<6.6		74	6.6	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
2-Methylnaphthalene	<7.4		74	7.4	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
2-Methylphenol	<19		190	19	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
3 & 4 Methylphenol	<27		190	27	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Naphthalene	<6.7		37	6.7	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
2-Nitroaniline	<20		190	20	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
3-Nitroaniline	<17		370	17	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
4-Nitroaniline	<27		370	27	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Nitrobenzene	<12		37	12	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
2-Nitrophenol	<25		370	25	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
4-Nitrophenol	<140		740	140	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
N-Nitrosodi-n-propylamine	<7.3		74	7.3	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
N-Nitrosodiphenylamine	<22		190	22	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
2,2'-oxybis[1-chloropropane]	<26		190	26	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Pentachlorophenol	<92		740	92	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Phenanthrene	**19**	**J**	37	8.0	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Phenol	<16		190	16	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Pyrene	**58**		37	10	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
Pyridine	<240		740	240	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
1,2,4-Trichlorobenzene	<26		190	26	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
2,4,5-Trichlorophenol	<14		370	14	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1
2,4,6-Trichlorophenol	<13		370	13	ug/Kg	☼	11/14/23 11:30	11/15/23 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*78*		*43 - 145*	*11/14/23 11:30*	*11/15/23 12:45*	*1*
2-Fluorophenol (Surr)	*77*		*31 - 166*	*11/14/23 11:30*	*11/15/23 12:45*	*1*
Nitrobenzene-d5 (Surr)	*74*		*37 - 147*	*11/14/23 11:30*	*11/15/23 12:45*	*1*
Phenol-d5 (Surr)	*74*		*30 - 153*	*11/14/23 11:30*	*11/15/23 12:45*	*1*
Terphenyl-d14 (Surr)	*90*		*42 - 157*	*11/14/23 11:30*	*11/15/23 12:45*	*1*
2,4,6-Tribromophenol (Surr)	*67*		*31 - 143*	*11/14/23 11:30*	*11/15/23 12:45*	*1*

Client Sample ID: DR-3/4A-2-3
Date Collected: 11/09/23 13:30
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-6
Matrix: Solid
Percent Solids: 79.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<14		24	14	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Bromobenzene	<34		94	34	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Bromochloromethane	<40		94	40	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Bromodichloromethane	<35		94	35	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Bromoform	<46		94	46	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Bromomethane	<75		280	75	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Carbon tetrachloride	<36		94	36	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Chlorobenzene	<36		94	36	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Chloroethane	<48		470	48	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Chloroform	**47**	**J**	190	35	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Chloromethane	<30		470	30	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
2-Chlorotoluene	<30		94	30	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
4-Chlorotoluene	<33		94	33	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
cis-1,2-Dichloroethene	<38		94	38	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
cis-1,3-Dichloropropene	<39		94	39	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Dibromochloromethane	<46		94	46	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
1,2-Dibromo-3-Chloropropane	<190		470	190	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Dibromomethane	<25		94	25	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
1,2-Dichlorobenzene	<32		94	32	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
1,3-Dichlorobenzene	<38		94	38	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
1,4-Dichlorobenzene	<34		94	34	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Dichlorodifluoromethane	<64		280	64	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
1,1-Dichloroethane	<39		94	39	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
1,2-Dichloroethane	<37		94	37	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
1,1-Dichloroethene	<37		94	37	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
1,2-Dichloropropane	<40		94	40	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
1,3-Dichloropropane	<34		94	34	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
2,2-Dichloropropane	<42		470	42	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
1,1-Dichloropropene	<28		94	28	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Ethylbenzene	<17		24	17	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
1,2-Dibromoethane (EDB)	<36		94	36	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Hexachlorobutadiene	<42		94	42	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Isopropylbenzene	<36		94	36	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Isopropyl ether	<26		94	26	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Methylene Chloride	<150		470	150	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Methyl tert-butyl ether	<37		94	37	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Naphthalene	<32		94	32	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
n-Butylbenzene	<37		94	37	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
N-Propylbenzene	<39		94	39	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
p-Isopropyltoluene	<34		94	34	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
sec-Butylbenzene	<38		94	38	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Styrene	<36		94	36	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
tert-Butylbenzene	<38		94	38	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
1,1,1,2-Tetrachloroethane	<44		94	44	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
1,1,2,2-Tetrachloroethane	<38		94	38	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Tetrachloroethene	<35		94	35	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Toluene	<14		24	14	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
trans-1,2-Dichloroethene	<33		94	33	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
trans-1,3-Dichloropropene	<34		94	34	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50

Client Sample ID: DR-3/4A-2-3

Date Collected: 11/09/23 13:30
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-6

Matrix: Solid
Percent Solids: 79.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<43		94	43	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
1,2,4-Trichlorobenzene	<32		94	32	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
1,1,1-Trichloroethane	<36		94	36	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
1,1,2-Trichloroethane	<33		94	33	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Trichloroethene	**22**	**J B**	47	15	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Trichlorofluoromethane	<40		94	40	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
1,2,3-Trichloropropane	<39		190	39	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
1,2,4-Trimethylbenzene	<34		94	34	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
1,3,5-Trimethylbenzene	<36		94	36	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Vinyl chloride	<25		94	25	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50
Xylenes, Total	<21		47	21	ug/Kg	☼	11/09/23 13:30	11/14/23 13:24	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*	*11/09/23 13:30*	*11/14/23 13:24*	*50*
Dibromofluoromethane	*104*		*75 - 120*	*11/09/23 13:30*	*11/14/23 13:24*	*50*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 126*	*11/09/23 13:30*	*11/14/23 13:24*	*50*
Toluene-d8 (Surr)	*93*		*75 - 120*	*11/09/23 13:30*	*11/14/23 13:24*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**50**		40	8.1	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Acenaphthylene	**43**		40	6.8	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Anthracene	**110**		40	8.2	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Benzo[a]anthracene	**1900**		40	8.5	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Benzo[a]pyrene	**2700**		40	39	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Benzo[b]fluoranthene	**3400**		40	38	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Benzo[g,h,i]perylene	**1900**		40	8.7	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Benzoic acid	<240		2000	240	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Benzo[k]fluoranthene	**1300**		40	15	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Benzyl alcohol	<97		810	97	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Bis(2-chloroethoxy)methane	<15		200	15	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Bis(2-chloroethyl)ether	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Bis(2-ethylhexyl) phthalate	<160		200	160	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
4-Bromophenyl phenyl ether	<27		200	27	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Butyl benzyl phthalate	<20		200	20	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Carbazole	**120**	**J**	200	16	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
4-Chloroaniline	<420		810	420	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
4-Chloro-3-methylphenol	<16		400	16	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
2-Chloronaphthalene	<15		200	15	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
2-Chlorophenol	<13		200	13	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
4-Chlorophenyl phenyl ether	<52		200	52	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Chrysene	**2600**		40	11	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Dibenz(a,h)anthracene	**610**		40	40	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Dibenzofuran	**26**	**J**	200	14	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
1,2-Dichlorobenzene	<16		200	16	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
1,3-Dichlorobenzene	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
1,4-Dichlorobenzene	<19		200	19	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
3,3'-Dichlorobenzidine	<33		200	33	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
2,4-Dichlorophenol	<14		400	14	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Diethyl phthalate	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1

Client Sample ID: DR-3/4A-2-3
Date Collected: 11/09/23 13:30
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-6
Matrix: Solid
Percent Solids: 79.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<90		400	90	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Dimethyl phthalate	<8.7		200	8.7	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Di-n-butyl phthalate	<13		200	13	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
4,6-Dinitro-2-methylphenol	<230		810	230	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
2,4-Dinitrophenol	<230		810	230	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
2,4-Dinitrotoluene	<23		200	23	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
2,6-Dinitrotoluene	<14		200	14	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Di-n-octyl phthalate	<280		400	280	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Fluoranthene	**2800**		40	9.3	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Fluorene	**29**	**J**	40	12	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Hexachlorobenzene	<7.7		81	7.7	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Hexachlorobutadiene	<23		200	23	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Hexachlorocyclopentadiene	<420	*-	810	420	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Hexachloroethane	<20		200	20	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Indeno[1,2,3-cd]pyrene	**2000**		40	39	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Isophorone	<21		200	21	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
1-Methylnaphthalene	**37**	**J**	81	7.2	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
2-Methylnaphthalene	**44**	**J**	81	8.0	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
2-Methylphenol	<21		200	21	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
3 & 4 Methylphenol	<29		200	29	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Naphthalene	**56**		40	7.2	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
2-Nitroaniline	<21		200	21	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
3-Nitroaniline	<18		400	18	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
4-Nitroaniline	<30		400	30	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Nitrobenzene	<13		40	13	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
2-Nitrophenol	<27		400	27	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
4-Nitrophenol	<150		810	150	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
N-Nitrosodi-n-propylamine	<7.9		81	7.9	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
N-Nitrosodiphenylamine	<24		200	24	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
2,2'-oxybis[1-chloropropane]	<29		200	29	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Pentachlorophenol	<100		810	100	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Phenanthrene	**730**		40	8.7	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Phenol	<17		200	17	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Pyrene	**2800**		40	11	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
Pyridine	<260		810	260	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
1,2,4-Trichlorobenzene	<29		200	29	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
2,4,5-Trichlorophenol	<15		400	15	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1
2,4,6-Trichlorophenol	<14		400	14	ug/Kg	☼	11/14/23 11:30	11/15/23 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*43 - 145*	*11/14/23 11:30*	*11/15/23 17:36*	*1*
2-Fluorophenol (Surr)	*67*		*31 - 166*	*11/14/23 11:30*	*11/15/23 17:36*	*1*
Nitrobenzene-d5 (Surr)	*79*		*37 - 147*	*11/14/23 11:30*	*11/15/23 17:36*	*1*
Phenol-d5 (Surr)	*74*		*30 - 153*	*11/14/23 11:30*	*11/15/23 17:36*	*1*
Terphenyl-d14 (Surr)	*95*		*42 - 157*	*11/14/23 11:30*	*11/15/23 17:36*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*31 - 143*	*11/14/23 11:30*	*11/15/23 17:36*	*1*

Client Sample ID: DR-5A-0.5-1.5
Date Collected: 11/09/23 14:10
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-7
Matrix: Solid
Percent Solids: 81.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<14		25	14	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Bromobenzene	<35		99	35	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Bromochloromethane	<42		99	42	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Bromodichloromethane	<37		99	37	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Bromoform	<48		99	48	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Bromomethane	<79		300	79	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Carbon tetrachloride	<38		99	38	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Chlorobenzene	<38		99	38	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Chloroethane	<50		490	50	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Chloroform	<37		200	37	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Chloromethane	<32		490	32	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
2-Chlorotoluene	<31		99	31	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
4-Chlorotoluene	<35		99	35	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
cis-1,2-Dichloroethene	<40		99	40	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
cis-1,3-Dichloropropene	<41		99	41	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Dibromochloromethane	<48		99	48	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
1,2-Dibromo-3-Chloropropane	<200		490	200	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Dibromomethane	<27		99	27	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
1,2-Dichlorobenzene	<33		99	33	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
1,3-Dichlorobenzene	<39		99	39	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
1,4-Dichlorobenzene	<36		99	36	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Dichlorodifluoromethane	<67		300	67	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
1,1-Dichloroethane	<40		99	40	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
1,2-Dichloroethane	<39		99	39	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
1,1-Dichloroethene	<38		99	38	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
1,2-Dichloropropane	<42		99	42	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
1,3-Dichloropropane	<36		99	36	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
2,2-Dichloropropane	<44		490	44	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
1,1-Dichloropropene	<29		99	29	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Ethylbenzene	<18		25	18	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
1,2-Dibromoethane (EDB)	<38		99	38	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Hexachlorobutadiene	<44		99	44	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Isopropylbenzene	<38		99	38	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Isopropyl ether	<27		99	27	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Methylene Chloride	<160		490	160	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Methyl tert-butyl ether	<39		99	39	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Naphthalene	**48**	**J**	99	33	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
n-Butylbenzene	<38		99	38	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
N-Propylbenzene	<41		99	41	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
p-Isopropyltoluene	<36		99	36	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
sec-Butylbenzene	<39		99	39	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Styrene	<38		99	38	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
tert-Butylbenzene	<39		99	39	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
1,1,1,2-Tetrachloroethane	<46		99	46	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
1,1,2,2-Tetrachloroethane	<39		99	39	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Tetrachloroethene	<37		99	37	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Toluene	**24**	**J**	25	15	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
trans-1,2-Dichloroethene	<35		99	35	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
trans-1,3-Dichloropropene	<36		99	36	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50

Client Sample ID: DR-5A-0.5-1.5
Date Collected: 11/09/23 14:10
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-7
Matrix: Solid
Percent Solids: 81.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<45		99	45	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
1,2,4-Trichlorobenzene	<34		99	34	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
1,1,1-Trichloroethane	<38		99	38	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
1,1,2-Trichloroethane	<35		99	35	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Trichloroethene	<16		49	16	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Trichlorofluoromethane	<42		99	42	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
1,2,3-Trichloropropane	<41		200	41	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
1,2,4-Trimethylbenzene	<35		99	35	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
1,3,5-Trimethylbenzene	<38		99	38	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Vinyl chloride	<26		99	26	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50
Xylenes, Total	**32**	**J**	49	22	ug/Kg	☼	11/09/23 14:10	11/14/23 13:49	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*	*11/09/23 14:10*	*11/14/23 13:49*	*50*
Dibromofluoromethane	*103*		*75 - 120*	*11/09/23 14:10*	*11/14/23 13:49*	*50*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 126*	*11/09/23 14:10*	*11/14/23 13:49*	*50*
Toluene-d8 (Surr)	*92*		*75 - 120*	*11/09/23 14:10*	*11/14/23 13:49*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**61**		39	8.1	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Acenaphthylene	**6.8**	**J**	39	6.7	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Anthracene	**100**		39	8.1	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Benzo[a]anthracene	**2100**		39	8.4	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Benzo[a]pyrene	**3100**		39	38	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Benzo[b]fluoranthene	**3600**		39	38	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Benzo[g,h,i]perylene	**2100**		39	8.6	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Benzoic acid	<240		2000	240	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Benzo[k]fluoranthene	**1500**		39	15	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Benzyl alcohol	<96		800	96	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Bis(2-chloroethoxy)methane	<15		200	15	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Bis(2-chloroethyl)ether	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Bis(2-ethylhexyl) phthalate	<160		200	160	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
4-Bromophenyl phenyl ether	<27		200	27	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Butyl benzyl phthalate	<20		200	20	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Carbazole	**130**	**J**	200	16	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
4-Chloroaniline	<420		800	420	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
4-Chloro-3-methylphenol	<15		390	15	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
2-Chloronaphthalene	<15		200	15	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
2-Chlorophenol	<13		200	13	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
4-Chlorophenyl phenyl ether	<52		200	52	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Chrysene	**2700**		39	10	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Dibenz(a,h)anthracene	**690**		39	39	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Dibenzofuran	**33**	**J**	200	14	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
1,2-Dichlorobenzene	<16		200	16	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
1,3-Dichlorobenzene	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
1,4-Dichlorobenzene	<19		200	19	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
3,3'-Dichlorobenzidine	<32		200	32	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
2,4-Dichlorophenol	<14		390	14	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Diethyl phthalate	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1

Client Sample ID: DR-5A-0.5-1.5
Date Collected: 11/09/23 14:10
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-7
Matrix: Solid
Percent Solids: 81.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<89		390	89	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Dimethyl phthalate	<8.6		200	8.6	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Di-n-butyl phthalate	<13		200	13	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
4,6-Dinitro-2-methylphenol	<220		800	220	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
2,4-Dinitrophenol	<230		800	230	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
2,4-Dinitrotoluene	<23		200	23	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
2,6-Dinitrotoluene	<13		200	13	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Di-n-octyl phthalate	<280		390	280	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Fluoranthene	**2600**		39	9.2	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Fluorene	**30**	**J**	39	12	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Hexachlorobenzene	<7.6		80	7.6	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Hexachlorobutadiene	<22		200	22	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Hexachlorocyclopentadiene	<420	*-	800	420	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Hexachloroethane	<20		200	20	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Indeno[1,2,3-cd]pyrene	**2100**		39	39	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Isophorone	<20		200	20	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
1-Methylnaphthalene	**57**	**J**	80	7.1	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
2-Methylnaphthalene	**69**	**J**	80	7.9	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
2-Methylphenol	<21		200	21	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
3 & 4 Methylphenol	<29		200	29	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Naphthalene	**81**		39	7.2	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
2-Nitroaniline	<21		200	21	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
3-Nitroaniline	<18		390	18	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
4-Nitroaniline	<29		390	29	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Nitrobenzene	<13		39	13	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
2-Nitrophenol	<27		390	27	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
4-Nitrophenol	<150		800	150	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
N-Nitrosodi-n-propylamine	<7.8		80	7.8	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
N-Nitrosodiphenylamine	<23		200	23	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
2,2'-oxybis[1-chloropropane]	<28		200	28	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Pentachlorophenol	<99		800	99	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Phenanthrene	**640**		39	8.6	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Phenol	<17		200	17	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Pyrene	**2700**		39	11	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
Pyridine	<260		800	260	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
1,2,4-Trichlorobenzene	<28		200	28	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
2,4,5-Trichlorophenol	<15		390	15	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1
2,4,6-Trichlorophenol	<13		390	13	ug/Kg	☼	11/14/23 11:30	11/15/23 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*83*		*43 - 145*	*11/14/23 11:30*	*11/15/23 18:00*	*1*
2-Fluorophenol (Surr)	*76*		*31 - 166*	*11/14/23 11:30*	*11/15/23 18:00*	*1*
Nitrobenzene-d5 (Surr)	*76*		*37 - 147*	*11/14/23 11:30*	*11/15/23 18:00*	*1*
Phenol-d5 (Surr)	*78*		*30 - 153*	*11/14/23 11:30*	*11/15/23 18:00*	*1*
Terphenyl-d14 (Surr)	*91*		*42 - 157*	*11/14/23 11:30*	*11/15/23 18:00*	*1*
2,4,6-Tribromophenol (Surr)	*73*		*31 - 143*	*11/14/23 11:30*	*11/15/23 18:00*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-5/6A-1.5-2.5
Date Collected: 11/09/23 14:25
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-8
Matrix: Solid
Percent Solids: 85.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<14		24	14	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Bromobenzene	<35		98	35	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Bromochloromethane	<42		98	42	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Bromodichloromethane	<36		98	36	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Bromoform	<47		98	47	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Bromomethane	<78		290	78	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Carbon tetrachloride	<38		98	38	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Chlorobenzene	<38		98	38	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Chloroethane	<49		490	49	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Chloroform	<36		200	36	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Chloromethane	<31		490	31	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
2-Chlorotoluene	<31		98	31	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
4-Chlorotoluene	<34		98	34	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
cis-1,2-Dichloroethene	<40		98	40	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
cis-1,3-Dichloropropene	<41		98	41	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Dibromochloromethane	<48		98	48	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
1,2-Dibromo-3-Chloropropane	<190		490	190	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Dibromomethane	<26		98	26	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
1,2-Dichlorobenzene	<33		98	33	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
1,3-Dichlorobenzene	<39		98	39	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
1,4-Dichlorobenzene	<36		98	36	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Dichlorodifluoromethane	<66		290	66	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
1,1-Dichloroethane	<40		98	40	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
1,2-Dichloroethane	<38		98	38	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
1,1-Dichloroethene	<38		98	38	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
1,2-Dichloropropane	<42		98	42	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
1,3-Dichloropropane	<35		98	35	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
2,2-Dichloropropane	<43		490	43	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
1,1-Dichloropropene	<29		98	29	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Ethylbenzene	<18		24	18	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
1,2-Dibromoethane (EDB)	<38		98	38	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Hexachlorobutadiene	<44		98	44	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Isopropylbenzene	<38		98	38	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Isopropyl ether	<27		98	27	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Methylene Chloride	<160		490	160	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Methyl tert-butyl ether	<39		98	39	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Naphthalene	<33		98	33	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
n-Butylbenzene	<38		98	38	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
N-Propylbenzene	<41		98	41	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
p-Isopropyltoluene	<35		98	35	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
sec-Butylbenzene	<39		98	39	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Styrene	<38		98	38	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
tert-Butylbenzene	<39		98	39	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
1,1,1,2-Tetrachloroethane	<45		98	45	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
1,1,2,2-Tetrachloroethane	<39		98	39	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Tetrachloroethene	<36		98	36	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Toluene	<14		24	14	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
trans-1,2-Dichloroethene	<34		98	34	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
trans-1,3-Dichloropropene	<35		98	35	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50

Client Sample ID: DR-5/6A-1.5-2.5
Date Collected: 11/09/23 14:25
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-8
Matrix: Solid
Percent Solids: 85.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<45		98	45	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
1,2,4-Trichlorobenzene	<34		98	34	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
1,1,1-Trichloroethane	<37		98	37	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
1,1,2-Trichloroethane	<34		98	34	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Trichloroethene	<16		49	16	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Trichlorofluoromethane	<42		98	42	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
1,2,3-Trichloropropane	<41		200	41	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
1,2,4-Trimethylbenzene	<35		98	35	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
1,3,5-Trimethylbenzene	<37		98	37	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Vinyl chloride	<26		98	26	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50
Xylenes, Total	<22		49	22	ug/Kg	☼	11/09/23 14:25	11/14/23 14:13	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*	*11/09/23 14:25*	*11/14/23 14:13*	*50*
Dibromofluoromethane	*103*		*75 - 120*	*11/09/23 14:25*	*11/14/23 14:13*	*50*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*	*11/09/23 14:25*	*11/14/23 14:13*	*50*
Toluene-d8 (Surr)	*92*		*75 - 120*	*11/09/23 14:25*	*11/14/23 14:13*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.7		38	7.7	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Acenaphthylene	<6.4		38	6.4	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Anthracene	<7.7		38	7.7	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Benzo[a]anthracene	**26**	**J**	38	8.0	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Benzo[a]pyrene	**62**		38	36	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Benzo[b]fluoranthene	**71**		38	36	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Benzo[g,h,i]perylene	**53**		38	8.2	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Benzoic acid	<230		1900	230	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Benzo[k]fluoranthene	**16**	**J**	38	14	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Benzyl alcohol	<92		760	92	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Bis(2-chloroethoxy)methane	<14		190	14	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Bis(2-chloroethyl)ether	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Bis(2-ethylhexyl) phthalate	<150		190	150	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
4-Bromophenyl phenyl ether	<26		190	26	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Butyl benzyl phthalate	<19		190	19	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Carbazole	<15		190	15	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
4-Chloroaniline	<400		760	400	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
4-Chloro-3-methylphenol	<15		380	15	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
2-Chloronaphthalene	<14		190	14	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
2-Chlorophenol	<12		190	12	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
4-Chlorophenyl phenyl ether	<49		190	49	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Chrysene	**30**	**J**	38	10	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Dibenz(a,h)anthracene	<38		38	38	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Dibenzofuran	<13		190	13	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
1,2-Dichlorobenzene	<15		190	15	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
1,3-Dichlorobenzene	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
1,4-Dichlorobenzene	<18		190	18	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
3,3'-Dichlorobenzidine	<31		190	31	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
2,4-Dichlorophenol	<13		380	13	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Diethyl phthalate	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1

Client Sample ID: DR-5/6A-1.5-2.5
Date Collected: 11/09/23 14:25
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-8
Matrix: Solid
Percent Solids: 85.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<85		380	85	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Dimethyl phthalate	<8.2		190	8.2	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Di-n-butyl phthalate	<12		190	12	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
4,6-Dinitro-2-methylphenol	<210		760	210	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
2,4-Dinitrophenol	<220		760	220	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
2,4-Dinitrotoluene	<22		190	22	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
2,6-Dinitrotoluene	<13		190	13	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Di-n-octyl phthalate	<260		380	260	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Fluoranthene	**34**	**J**	38	8.8	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Fluorene	<11		38	11	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Hexachlorobenzene	<7.2		76	7.2	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Hexachlorobutadiene	<21		190	21	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Hexachlorocyclopentadiene	<400	*-	760	400	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Hexachloroethane	<19		190	19	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Indeno[1,2,3-cd]pyrene	**44**		38	37	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Isophorone	<19		190	19	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
1-Methylnaphthalene	<6.7		76	6.7	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
2-Methylnaphthalene	<7.6		76	7.6	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
2-Methylphenol	<20		190	20	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
3 & 4 Methylphenol	<28		190	28	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Naphthalene	**7.1**	**J**	38	6.8	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
2-Nitroaniline	<20		190	20	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
3-Nitroaniline	<17		380	17	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
4-Nitroaniline	<28		380	28	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Nitrobenzene	<12		38	12	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
2-Nitrophenol	<26		380	26	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
4-Nitrophenol	<140		760	140	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
N-Nitrosodi-n-propylamine	<7.5		76	7.5	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
N-Nitrosodiphenylamine	<22		190	22	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
2,2'-oxybis[1-chloropropane]	<27		190	27	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Pentachlorophenol	<94		760	94	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Phenanthrene	**17**	**J**	38	8.2	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Phenol	<16		190	16	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Pyrene	**34**	**J**	38	10	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
Pyridine	<250		760	250	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
1,2,4-Trichlorobenzene	<27		190	27	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
2,4,5-Trichlorophenol	<14		380	14	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1
2,4,6-Trichlorophenol	<13		380	13	ug/Kg	☼	11/14/23 11:30	11/15/23 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*43 - 145*	*11/14/23 11:30*	*11/15/23 14:46*	*1*
2-Fluorophenol (Surr)	*76*		*31 - 166*	*11/14/23 11:30*	*11/15/23 14:46*	*1*
Nitrobenzene-d5 (Surr)	*74*		*37 - 147*	*11/14/23 11:30*	*11/15/23 14:46*	*1*
Phenol-d5 (Surr)	*73*		*30 - 153*	*11/14/23 11:30*	*11/15/23 14:46*	*1*
Terphenyl-d14 (Surr)	*85*		*42 - 157*	*11/14/23 11:30*	*11/15/23 14:46*	*1*
2,4,6-Tribromophenol (Surr)	*65*		*31 - 143*	*11/14/23 11:30*	*11/15/23 14:46*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-6/7A-3-4
Date Collected: 11/09/23 14:35
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-9
Matrix: Solid
Percent Solids: 82.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<10		18	10	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Bromobenzene	<25		71	25	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Bromochloromethane	<30		71	30	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Bromodichloromethane	<26		71	26	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Bromoform	<34		71	34	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Bromomethane	<56		210	56	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Carbon tetrachloride	<27		71	27	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Chlorobenzene	<27		71	27	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Chloroethane	<36		350	36	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Chloroform	<26		140	26	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Chloromethane	<23		350	23	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
2-Chlorotoluene	<22		71	22	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
4-Chlorotoluene	<25		71	25	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
cis-1,2-Dichloroethene	<29		71	29	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
cis-1,3-Dichloropropene	<29		71	29	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Dibromochloromethane	<35		71	35	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
1,2-Dibromo-3-Chloropropane	<140		350	140	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Dibromomethane	<19		71	19	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
1,2-Dichlorobenzene	<24		71	24	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
1,3-Dichlorobenzene	<28		71	28	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
1,4-Dichlorobenzene	<26		71	26	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Dichlorodifluoromethane	<48		210	48	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
1,1-Dichloroethane	<29		71	29	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
1,2-Dichloroethane	<28		71	28	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
1,1-Dichloroethene	<28		71	28	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
1,2-Dichloropropane	<30		71	30	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
1,3-Dichloropropane	<26		71	26	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
2,2-Dichloropropane	<31		350	31	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
1,1-Dichloropropene	<21		71	21	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Ethylbenzene	<13		18	13	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
1,2-Dibromoethane (EDB)	<27		71	27	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Hexachlorobutadiene	<32		71	32	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Isopropylbenzene	<27		71	27	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Isopropyl ether	<20		71	20	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Methylene Chloride	<120		350	120	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Methyl tert-butyl ether	<28		71	28	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Naphthalene	<24		71	24	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
n-Butylbenzene	<27		71	27	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
N-Propylbenzene	<29		71	29	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
p-Isopropyltoluene	<26		71	26	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
sec-Butylbenzene	<28		71	28	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Styrene	<27		71	27	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
tert-Butylbenzene	<28		71	28	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
1,1,1,2-Tetrachloroethane	<33		71	33	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
1,1,2,2-Tetrachloroethane	<28		71	28	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Tetrachloroethene	<26		71	26	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Toluene	<10		18	10	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
trans-1,2-Dichloroethene	<25		71	25	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
trans-1,3-Dichloropropene	<26		71	26	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50

Client Sample ID: DR-6/7A-3-4

Date Collected: 11/09/23 14:35
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-9

Matrix: Solid
Percent Solids: 82.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<32		71	32	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
1,2,4-Trichlorobenzene	<24		71	24	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
1,1,1-Trichloroethane	<27		71	27	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
1,1,2-Trichloroethane	<25		71	25	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Trichloroethene	**17**	**J B**	35	12	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Trichlorofluoromethane	<30		71	30	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
1,2,3-Trichloropropane	<29		140	29	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
1,2,4-Trimethylbenzene	<25		71	25	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
1,3,5-Trimethylbenzene	<27		71	27	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Vinyl chloride	<19		71	19	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50
Xylenes, Total	<16		35	16	ug/Kg	☼	11/09/23 14:35	11/14/23 14:37	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*	*11/09/23 14:35*	*11/14/23 14:37*	*50*
Dibromofluoromethane	*105*		*75 - 120*	*11/09/23 14:35*	*11/14/23 14:37*	*50*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 126*	*11/09/23 14:35*	*11/14/23 14:37*	*50*
Toluene-d8 (Surr)	*92*		*75 - 120*	*11/09/23 14:35*	*11/14/23 14:37*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.9		38	7.9	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Acenaphthylene	<6.6		38	6.6	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Anthracene	<7.9		38	7.9	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Benzo[a]anthracene	**36**	**J**	38	8.2	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Benzo[a]pyrene	**81**		38	37	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Benzo[b]fluoranthene	**92**		38	37	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Benzo[g,h,i]perylene	**68**		38	8.4	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Benzoic acid	<240		1900	240	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Benzo[k]fluoranthene	**24**	**J**	38	15	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Benzyl alcohol	<94		780	94	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Bis(2-chloroethoxy)methane	<14		190	14	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Bis(2-chloroethyl)ether	<18		190	18	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Bis(2-ethylhexyl) phthalate	<150		190	150	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
4-Bromophenyl phenyl ether	<26		190	26	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Butyl benzyl phthalate	<19		190	19	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Carbazole	<15		190	15	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
4-Chloroaniline	<410		780	410	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
4-Chloro-3-methylphenol	<15		380	15	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
2-Chloronaphthalene	<14		190	14	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
2-Chlorophenol	<12		190	12	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
4-Chlorophenyl phenyl ether	<51		190	51	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Chrysene	**44**		38	10	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Dibenz(a,h)anthracene	<38		38	38	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Dibenzofuran	<14		190	14	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
1,2-Dichlorobenzene	<16		190	16	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
1,3-Dichlorobenzene	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
1,4-Dichlorobenzene	<18		190	18	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
3,3'-Dichlorobenzidine	<32		190	32	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
2,4-Dichlorophenol	<14		380	14	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Diethyl phthalate	<18		190	18	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1

Client Sample ID: DR-6/7A-3-4
Date Collected: 11/09/23 14:35
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-9
Matrix: Solid
Percent Solids: 82.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<87		380	87	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Dimethyl phthalate	<8.4		190	8.4	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Di-n-butyl phthalate	<12		190	12	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
4,6-Dinitro-2-methylphenol	<220		780	220	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
2,4-Dinitrophenol	<220		780	220	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
2,4-Dinitrotoluene	<22		190	22	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
2,6-Dinitrotoluene	<13		190	13	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Di-n-octyl phthalate	<270		380	270	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Fluoranthene	**40**		38	9.0	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Fluorene	<11		38	11	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Hexachlorobenzene	<7.4		78	7.4	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Hexachlorobutadiene	<22		190	22	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Hexachlorocyclopentadiene	<410	*-	780	410	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Hexachloroethane	<19		190	19	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Indeno[1,2,3-cd]pyrene	**56**		38	38	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Isophorone	<20		190	20	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
1-Methylnaphthalene	<6.9		78	6.9	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
2-Methylnaphthalene	<7.8		78	7.8	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
2-Methylphenol	<20		190	20	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
3 & 4 Methylphenol	<28		190	28	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Naphthalene	<7.0		38	7.0	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
2-Nitroaniline	<21		190	21	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
3-Nitroaniline	<18		380	18	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
4-Nitroaniline	<29		380	29	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Nitrobenzene	<12		38	12	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
2-Nitrophenol	<26		380	26	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
4-Nitrophenol	<140		780	140	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
N-Nitrosodi-n-propylamine	<7.6		78	7.6	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
N-Nitrosodiphenylamine	<23		190	23	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
2,2'-oxybis[1-chloropropane]	<28		190	28	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Pentachlorophenol	<97		780	97	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Phenanthrene	**11**	**J**	38	8.4	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Phenol	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Pyrene	**43**		38	11	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
Pyridine	<250		780	250	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
1,2,4-Trichlorobenzene	<28		190	28	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
2,4,5-Trichlorophenol	<15		380	15	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1
2,4,6-Trichlorophenol	<13		380	13	ug/Kg	☼	11/14/23 11:30	11/15/23 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*80*		*43 - 145*	*11/14/23 11:30*	*11/15/23 13:09*	*1*
2-Fluorophenol (Surr)	*73*		*31 - 166*	*11/14/23 11:30*	*11/15/23 13:09*	*1*
Nitrobenzene-d5 (Surr)	*75*		*37 - 147*	*11/14/23 11:30*	*11/15/23 13:09*	*1*
Phenol-d5 (Surr)	*74*		*30 - 153*	*11/14/23 11:30*	*11/15/23 13:09*	*1*
Terphenyl-d14 (Surr)	*100*		*42 - 157*	*11/14/23 11:30*	*11/15/23 13:09*	*1*
2,4,6-Tribromophenol (Surr)	*71*		*31 - 143*	*11/14/23 11:30*	*11/15/23 13:09*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-3A-3-4
Date Collected: 11/09/23 13:45
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-10
Matrix: Solid
Percent Solids: 83.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<12		20	12	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Bromobenzene	<29		80	29	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Bromochloromethane	<34		80	34	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Bromodichloromethane	<30		80	30	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Bromoform	<39		80	39	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Bromomethane	<64		240	64	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Carbon tetrachloride	<31		80	31	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Chlorobenzene	<31		80	31	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Chloroethane	<40		400	40	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Chloroform	<30		160	30	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Chloromethane	<26		400	26	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
2-Chlorotoluene	<25		80	25	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
4-Chlorotoluene	<28		80	28	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
cis-1,2-Dichloroethene	<33		80	33	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
cis-1,3-Dichloropropene	<33		80	33	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Dibromochloromethane	<39		80	39	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
1,2-Dibromo-3-Chloropropane	<160		400	160	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Dibromomethane	<22		80	22	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
1,2-Dichlorobenzene	<27		80	27	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
1,3-Dichlorobenzene	<32		80	32	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
1,4-Dichlorobenzene	<29		80	29	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Dichlorodifluoromethane	<54		240	54	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
1,1-Dichloroethane	<33		80	33	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
1,2-Dichloroethane	<31		80	31	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
1,1-Dichloroethene	<31		80	31	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
1,2-Dichloropropane	<34		80	34	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
1,3-Dichloropropane	<29		80	29	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
2,2-Dichloropropane	<36		400	36	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
1,1-Dichloropropene	<24		80	24	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Ethylbenzene	<15		20	15	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
1,2-Dibromoethane (EDB)	<31		80	31	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Hexachlorobutadiene	<36		80	36	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Isopropylbenzene	<31		80	31	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Isopropyl ether	<22		80	22	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Methylene Chloride	<130		400	130	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Methyl tert-butyl ether	<32		80	32	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Naphthalene	<27		80	27	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
n-Butylbenzene	<31		80	31	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
N-Propylbenzene	<33		80	33	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
p-Isopropyltoluene	<29		80	29	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
sec-Butylbenzene	<32		80	32	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Styrene	<31		80	31	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
tert-Butylbenzene	<32		80	32	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
1,1,1,2-Tetrachloroethane	<37		80	37	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
1,1,2,2-Tetrachloroethane	<32		80	32	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Tetrachloroethene	<30		80	30	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Toluene	<12		20	12	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
trans-1,2-Dichloroethene	<28		80	28	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
trans-1,3-Dichloropropene	<29		80	29	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50

Client Sample ID: DR-3A-3-4

Date Collected: 11/09/23 13:45
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-10

Matrix: Solid
Percent Solids: 83.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<37		80	37	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
1,2,4-Trichlorobenzene	<27		80	27	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
1,1,1-Trichloroethane	<30		80	30	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
1,1,2-Trichloroethane	<28		80	28	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Trichloroethene	**17**	**J B**	40	13	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Trichlorofluoromethane	<34		80	34	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
1,2,3-Trichloropropane	<33		160	33	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
1,2,4-Trimethylbenzene	<29		80	29	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
1,3,5-Trimethylbenzene	<30		80	30	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Vinyl chloride	<21		80	21	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50
Xylenes, Total	<18		40	18	ug/Kg	☼	11/09/23 13:45	11/14/23 15:01	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*72 - 124*	*11/09/23 13:45*	*11/14/23 15:01*	*50*
Dibromofluoromethane	*103*		*75 - 120*	*11/09/23 13:45*	*11/14/23 15:01*	*50*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 126*	*11/09/23 13:45*	*11/14/23 15:01*	*50*
Toluene-d8 (Surr)	*91*		*75 - 120*	*11/09/23 13:45*	*11/14/23 15:01*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.7		38	7.7	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Acenaphthylene	<6.5		38	6.5	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Anthracene	<7.8		38	7.8	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Benzo[a]anthracene	**19**	**J**	38	8.1	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Benzo[a]pyrene	**47**		38	37	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Benzo[b]fluoranthene	**52**		38	36	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Benzo[g,h,i]perylene	**42**		38	8.3	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Benzoic acid	<230		1900	230	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Benzo[k]fluoranthene	<14		38	14	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Benzyl alcohol	<92		770	92	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Bis(2-chloroethoxy)methane	<14		190	14	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Bis(2-chloroethyl)ether	<18		190	18	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Bis(2-ethylhexyl) phthalate	<150		190	150	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
4-Bromophenyl phenyl ether	<26		190	26	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Butyl benzyl phthalate	<19		190	19	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Carbazole	<15		190	15	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
4-Chloroaniline	<400		770	400	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
4-Chloro-3-methylphenol	<15		380	15	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
2-Chloronaphthalene	<14		190	14	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
2-Chlorophenol	<12		190	12	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
4-Chlorophenyl phenyl ether	<50		190	50	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Chrysene	**13**	**J**	38	10	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Dibenz(a,h)anthracene	<38		38	38	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Dibenzofuran	<14		190	14	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
1,2-Dichlorobenzene	<15		190	15	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
1,3-Dichlorobenzene	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
1,4-Dichlorobenzene	<18		190	18	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
3,3'-Dichlorobenzidine	<31		190	31	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
2,4-Dichlorophenol	<13		380	13	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Diethyl phthalate	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1

Client Sample ID: DR-3A-3-4

Date Collected: 11/09/23 13:45
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-10

Matrix: Solid
Percent Solids: 83.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<85		380	85	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Dimethyl phthalate	<8.3		190	8.3	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Di-n-butyl phthalate	<12		190	12	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
4,6-Dinitro-2-methylphenol	<210		770	210	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
2,4-Dinitrophenol	<220		770	220	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
2,4-Dinitrotoluene	<22		190	22	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
2,6-Dinitrotoluene	<13		190	13	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Di-n-octyl phthalate	<270		380	270	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Fluoranthene	**15**	**J**	38	8.8	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Fluorene	<11		38	11	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Hexachlorobenzene	<7.3		77	7.3	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Hexachlorobutadiene	<21		190	21	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Hexachlorocyclopentadiene	<400	*-	770	400	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Hexachloroethane	<19		190	19	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Indeno[1,2,3-cd]pyrene	<37		38	37	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Isophorone	<20		190	20	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
1-Methylnaphthalene	<6.8		77	6.8	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
2-Methylnaphthalene	<7.6		77	7.6	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
2-Methylphenol	<20		190	20	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
3 & 4 Methylphenol	<28		190	28	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Naphthalene	<6.9		38	6.9	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
2-Nitroaniline	<20		190	20	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
3-Nitroaniline	<17		380	17	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
4-Nitroaniline	<28		380	28	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Nitrobenzene	<12		38	12	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
2-Nitrophenol	<26		380	26	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
4-Nitrophenol	<140		770	140	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
N-Nitrosodi-n-propylamine	<7.5		77	7.5	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
N-Nitrosodiphenylamine	<23		190	23	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
2,2'-oxybis[1-chloropropane]	<27		190	27	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Pentachlorophenol	<95		770	95	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Phenanthrene	<8.3		38	8.3	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Phenol	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Pyrene	**15**	**J**	38	10	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
Pyridine	<250		770	250	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
1,2,4-Trichlorobenzene	<27		190	27	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
2,4,5-Trichlorophenol	<14		380	14	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1
2,4,6-Trichlorophenol	<13		380	13	ug/Kg	☼	11/14/23 11:30	11/15/23 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*82*		*43 - 145*	*11/14/23 11:30*	*11/15/23 14:22*	*1*
2-Fluorophenol (Surr)	*80*		*31 - 166*	*11/14/23 11:30*	*11/15/23 14:22*	*1*
Nitrobenzene-d5 (Surr)	*76*		*37 - 147*	*11/14/23 11:30*	*11/15/23 14:22*	*1*
Phenol-d5 (Surr)	*78*		*30 - 153*	*11/14/23 11:30*	*11/15/23 14:22*	*1*
Terphenyl-d14 (Surr)	*95*		*42 - 157*	*11/14/23 11:30*	*11/15/23 14:22*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*31 - 143*	*11/14/23 11:30*	*11/15/23 14:22*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-5/8A-2.5-3.5
Date Collected: 11/09/23 13:55
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-11
Matrix: Solid
Percent Solids: 88.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<12		20	12	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Bromobenzene	<29		81	29	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Bromochloromethane	<35		81	35	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Bromodichloromethane	<30		81	30	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Bromoform	<39		81	39	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Bromomethane	<64		240	64	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Carbon tetrachloride	<31		81	31	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Chlorobenzene	<31		81	31	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Chloroethane	<41		400	41	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Chloroform	<30		160	30	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Chloromethane	<26		400	26	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
2-Chlorotoluene	<25		81	25	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
4-Chlorotoluene	<28		81	28	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
cis-1,2-Dichloroethene	<33		81	33	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
cis-1,3-Dichloropropene	<34		81	34	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Dibromochloromethane	<39		81	39	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
1,2-Dibromo-3-Chloropropane	<160		400	160	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Dibromomethane	<22		81	22	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
1,2-Dichlorobenzene	<27		81	27	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
1,3-Dichlorobenzene	<32		81	32	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
1,4-Dichlorobenzene	<29		81	29	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Dichlorodifluoromethane	<54		240	54	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
1,1-Dichloroethane	<33		81	33	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
1,2-Dichloroethane	<32		81	32	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
1,1-Dichloroethene	<32		81	32	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
1,2-Dichloropropane	<35		81	35	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
1,3-Dichloropropane	<29		81	29	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
2,2-Dichloropropane	<36		400	36	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
1,1-Dichloropropene	<24		81	24	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Ethylbenzene	<15		20	15	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
1,2-Dibromoethane (EDB)	<31		81	31	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Hexachlorobutadiene	<36		81	36	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Isopropylbenzene	<31		81	31	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Isopropyl ether	<22		81	22	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Methylene Chloride	<130		400	130	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Methyl tert-butyl ether	<32		81	32	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Naphthalene	<27		81	27	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
n-Butylbenzene	<31		81	31	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
N-Propylbenzene	<33		81	33	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
p-Isopropyltoluene	<29		81	29	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
sec-Butylbenzene	<32		81	32	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Styrene	<31		81	31	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
tert-Butylbenzene	<32		81	32	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
1,1,1,2-Tetrachloroethane	<37		81	37	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
1,1,2,2-Tetrachloroethane	<32		81	32	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Tetrachloroethene	<30		81	30	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Toluene	<12		20	12	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
trans-1,2-Dichloroethene	<28		81	28	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
trans-1,3-Dichloropropene	<29		81	29	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50

Client Sample ID: DR-5/8A-2.5-3.5
Date Collected: 11/09/23 13:55
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-11
Matrix: Solid
Percent Solids: 88.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<37		81	37	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
1,2,4-Trichlorobenzene	<28		81	28	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
1,1,1-Trichloroethane	<31		81	31	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
1,1,2-Trichloroethane	<28		81	28	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Trichloroethene	**14**	**J B**	40	13	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Trichlorofluoromethane	<35		81	35	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
1,2,3-Trichloropropane	<33		160	33	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
1,2,4-Trimethylbenzene	<29		81	29	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
1,3,5-Trimethylbenzene	<31		81	31	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Vinyl chloride	<21		81	21	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50
Xylenes, Total	<18		40	18	ug/Kg	☼	11/09/23 13:55	11/14/23 15:25	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*	*11/09/23 13:55*	*11/14/23 15:25*	*50*
Dibromofluoromethane	*103*		*75 - 120*	*11/09/23 13:55*	*11/14/23 15:25*	*50*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 126*	*11/09/23 13:55*	*11/14/23 15:25*	*50*
Toluene-d8 (Surr)	*91*		*75 - 120*	*11/09/23 13:55*	*11/14/23 15:25*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.4		36	7.4	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Acenaphthylene	<6.2		36	6.2	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Anthracene	<7.4		36	7.4	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Benzo[a]anthracene	**12**	**J**	36	7.7	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Benzo[a]pyrene	**37**		36	35	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Benzo[b]fluoranthene	**39**		36	35	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Benzo[g,h,i]perylene	**35**	**J**	36	7.9	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Benzoic acid	<220		1800	220	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Benzo[k]fluoranthene	<14		36	14	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Benzyl alcohol	<88		730	88	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Bis(2-chloroethoxy)methane	<14		180	14	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Bis(2-chloroethyl)ether	<17		180	17	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Bis(2-ethylhexyl) phthalate	<140		180	140	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
4-Bromophenyl phenyl ether	<25		180	25	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Butyl benzyl phthalate	<18		180	18	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Carbazole	<14		180	14	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
4-Chloroaniline	<380		730	380	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
4-Chloro-3-methylphenol	<14		360	14	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
2-Chloronaphthalene	<14		180	14	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
2-Chlorophenol	<12		180	12	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
4-Chlorophenyl phenyl ether	<48		180	48	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Chrysene	<9.6		36	9.6	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Dibenz(a,h)anthracene	<36		36	36	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Dibenzofuran	<13		180	13	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
1,2-Dichlorobenzene	<15		180	15	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
1,3-Dichlorobenzene	<16		180	16	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
1,4-Dichlorobenzene	<17		180	17	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
3,3'-Dichlorobenzidine	<30		180	30	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
2,4-Dichlorophenol	<13		360	13	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Diethyl phthalate	<17		180	17	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1

Client Sample ID: DR-5/8A-2.5-3.5
Date Collected: 11/09/23 13:55
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-11
Matrix: Solid
Percent Solids: 88.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<81		360	81	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Dimethyl phthalate	<7.9		180	7.9	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Di-n-butyl phthalate	<12		180	12	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
4,6-Dinitro-2-methylphenol	<200		730	200	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
2,4-Dinitrophenol	<210		730	210	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
2,4-Dinitrotoluene	<21		180	21	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
2,6-Dinitrotoluene	<12		180	12	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Di-n-octyl phthalate	<250		360	250	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Fluoranthene	<8.4		36	8.4	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Fluorene	<11		36	11	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Hexachlorobenzene	<7.0		73	7.0	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Hexachlorobutadiene	<20		180	20	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Hexachlorocyclopentadiene	<390	*-	730	390	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Hexachloroethane	<18		180	18	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Indeno[1,2,3-cd]pyrene	<35		36	35	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Isophorone	<19		180	19	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
1-Methylnaphthalene	<6.5		73	6.5	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
2-Methylnaphthalene	<7.3		73	7.3	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
2-Methylphenol	<19		180	19	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
3 & 4 Methylphenol	<27		180	27	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Naphthalene	<6.6		36	6.6	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
2-Nitroaniline	<20		180	20	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
3-Nitroaniline	<17		360	17	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
4-Nitroaniline	<27		360	27	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Nitrobenzene	<12		36	12	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
2-Nitrophenol	<25		360	25	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
4-Nitrophenol	<130		730	130	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
N-Nitrosodi-n-propylamine	<7.2		73	7.2	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
N-Nitrosodiphenylamine	<22		180	22	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
2,2'-oxybis[1-chloropropane]	<26		180	26	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Pentachlorophenol	<91		730	91	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Phenanthrene	<7.9		36	7.9	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Phenol	<16		180	16	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Pyrene	<9.9		36	9.9	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
Pyridine	<240		730	240	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
1,2,4-Trichlorobenzene	<26		180	26	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
2,4,5-Trichlorophenol	<14		360	14	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1
2,4,6-Trichlorophenol	<12		360	12	ug/Kg	☼	11/14/23 11:30	11/15/23 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*77*		*43 - 145*	*11/14/23 11:30*	*11/15/23 11:57*	*1*
2-Fluorophenol (Surr)	*77*		*31 - 166*	*11/14/23 11:30*	*11/15/23 11:57*	*1*
Nitrobenzene-d5 (Surr)	*73*		*37 - 147*	*11/14/23 11:30*	*11/15/23 11:57*	*1*
Phenol-d5 (Surr)	*75*		*30 - 153*	*11/14/23 11:30*	*11/15/23 11:57*	*1*
Terphenyl-d14 (Surr)	*97*		*42 - 157*	*11/14/23 11:30*	*11/15/23 11:57*	*1*
2,4,6-Tribromophenol (Surr)	*70*		*31 - 143*	*11/14/23 11:30*	*11/15/23 11:57*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-7A-1-2
Date Collected: 11/09/23 15:05
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-12
Matrix: Solid
Percent Solids: 79.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<14		23	14	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Bromobenzene	<33		93	33	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Bromochloromethane	<40		93	40	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Bromodichloromethane	<35		93	35	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Bromoform	<45		93	45	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Bromomethane	<74		280	74	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Carbon tetrachloride	<36		93	36	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Chlorobenzene	<36		93	36	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Chloroethane	<47		470	47	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Chloroform	<35		190	35	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Chloromethane	<30		470	30	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
2-Chlorotoluene	<29		93	29	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
4-Chlorotoluene	<33		93	33	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
cis-1,2-Dichloroethene	<38		93	38	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
cis-1,3-Dichloropropene	<39		93	39	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Dibromochloromethane	<46		93	46	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
1,2-Dibromo-3-Chloropropane	<190		470	190	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Dibromomethane	<25		93	25	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
1,2-Dichlorobenzene	<31		93	31	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
1,3-Dichlorobenzene	<37		93	37	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
1,4-Dichlorobenzene	<34		93	34	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Dichlorodifluoromethane	<63		280	63	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
1,1-Dichloroethane	<38		93	38	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
1,2-Dichloroethane	<37		93	37	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
1,1-Dichloroethene	<36		93	36	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
1,2-Dichloropropane	<40		93	40	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
1,3-Dichloropropane	<34		93	34	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
2,2-Dichloropropane	<41		470	41	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
1,1-Dichloropropene	<28		93	28	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Ethylbenzene	<17		23	17	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
1,2-Dibromoethane (EDB)	<36		93	36	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Hexachlorobutadiene	<42		93	42	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Isopropylbenzene	<36		93	36	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Isopropyl ether	<26		93	26	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Methylene Chloride	<150		470	150	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Methyl tert-butyl ether	<37		93	37	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Naphthalene	<31		93	31	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
n-Butylbenzene	<36		93	36	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
N-Propylbenzene	<39		93	39	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
p-Isopropyltoluene	<34		93	34	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
sec-Butylbenzene	<37		93	37	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Styrene	<36		93	36	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
tert-Butylbenzene	<37		93	37	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
1,1,1,2-Tetrachloroethane	<43		93	43	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
1,1,2,2-Tetrachloroethane	<37		93	37	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Tetrachloroethene	<35		93	35	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Toluene	<14		23	14	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
trans-1,2-Dichloroethene	<33		93	33	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
trans-1,3-Dichloropropene	<34		93	34	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-7A-1-2
Date Collected: 11/09/23 15:05
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-12
Matrix: Solid
Percent Solids: 79.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<43		93	43	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
1,2,4-Trichlorobenzene	<32		93	32	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
1,1,1-Trichloroethane	<35		93	35	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
1,1,2-Trichloroethane	<33		93	33	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Trichloroethene	<15		47	15	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Trichlorofluoromethane	<40		93	40	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
1,2,3-Trichloropropane	<39		190	39	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
1,2,4-Trimethylbenzene	<33		93	33	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
1,3,5-Trimethylbenzene	<35		93	35	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Vinyl chloride	<24		93	24	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50
Xylenes, Total	<21		47	21	ug/Kg	☼	11/09/23 15:05	11/14/23 15:49	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*	*11/09/23 15:05*	*11/14/23 15:49*	*50*
Dibromofluoromethane	*102*		*75 - 120*	*11/09/23 15:05*	*11/14/23 15:49*	*50*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 126*	*11/09/23 15:05*	*11/14/23 15:49*	*50*
Toluene-d8 (Surr)	*92*		*75 - 120*	*11/09/23 15:05*	*11/14/23 15:49*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**14**	**J**	40	8.2	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Acenaphthylene	<6.8		40	6.8	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Anthracene	**25**	**J**	40	8.2	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Benzo[a]anthracene	**430**		40	8.5	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Benzo[a]pyrene	**640**		40	39	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Benzo[b]fluoranthene	**740**		40	38	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Benzo[g,h,i]perylene	**440**		40	8.7	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Benzoic acid	<250		2000	250	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Benzo[k]fluoranthene	**320**		40	15	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Benzyl alcohol	<97		810	97	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Bis(2-chloroethoxy)methane	<15		200	15	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Bis(2-chloroethyl)ether	<19		200	19	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Bis(2-ethylhexyl) phthalate	<160		200	160	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
4-Bromophenyl phenyl ether	<27		200	27	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Butyl benzyl phthalate	<20		200	20	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Carbazole	**28**	**J**	200	16	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
4-Chloroaniline	<420		810	420	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
4-Chloro-3-methylphenol	<16		400	16	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
2-Chloronaphthalene	<15		200	15	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
2-Chlorophenol	<13		200	13	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
4-Chlorophenyl phenyl ether	<53		200	53	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Chrysene	**570**		40	11	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Dibenz(a,h)anthracene	**150**		40	40	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Dibenzofuran	<14		200	14	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
1,2-Dichlorobenzene	<16		200	16	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
1,3-Dichlorobenzene	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
1,4-Dichlorobenzene	<19		200	19	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
3,3'-Dichlorobenzidine	<33		200	33	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
2,4-Dichlorophenol	<14		400	14	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Diethyl phthalate	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1

Client Sample ID: DR-7A-1-2
Date Collected: 11/09/23 15:05
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-12
Matrix: Solid
Percent Solids: 79.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<90		400	90	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Dimethyl phthalate	<8.7		200	8.7	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Di-n-butyl phthalate	<13		200	13	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
4,6-Dinitro-2-methylphenol	<230		810	230	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
2,4-Dinitrophenol	<230		810	230	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
2,4-Dinitrotoluene	<23		200	23	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
2,6-Dinitrotoluene	<14		200	14	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Di-n-octyl phthalate	<280		400	280	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Fluoranthene	**590**		40	9.3	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Fluorene	<12		40	12	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Hexachlorobenzene	<7.7		81	7.7	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Hexachlorobutadiene	<23		200	23	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Hexachlorocyclopentadiene	<430	*-	810	430	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Hexachloroethane	<20		200	20	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Indeno[1,2,3-cd]pyrene	**450**		40	39	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Isophorone	<21		200	21	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
1-Methylnaphthalene	<7.2		81	7.2	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
2-Methylnaphthalene	<8.1		81	8.1	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
2-Methylphenol	<21		200	21	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
3 & 4 Methylphenol	<29		200	29	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Naphthalene	**11**	**J**	40	7.3	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
2-Nitroaniline	<22		200	22	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
3-Nitroaniline	<18		400	18	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
4-Nitroaniline	<30		400	30	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Nitrobenzene	<13		40	13	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
2-Nitrophenol	<27		400	27	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
4-Nitrophenol	<150		810	150	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
N-Nitrosodi-n-propylamine	<7.9		81	7.9	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
N-Nitrosodiphenylamine	<24		200	24	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
2,2'-oxybis[1-chloropropane]	<29		200	29	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Pentachlorophenol	<100		810	100	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Phenanthrene	**150**		40	8.7	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Phenol	<17		200	17	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Pyrene	**600**		40	11	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
Pyridine	<260		810	260	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
1,2,4-Trichlorobenzene	<29		200	29	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
2,4,5-Trichlorophenol	<15		400	15	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1
2,4,6-Trichlorophenol	<14		400	14	ug/Kg	☼	11/14/23 11:30	11/15/23 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*43 - 145*	*11/14/23 11:30*	*11/15/23 16:47*	*1*
2-Fluorophenol (Surr)	*75*		*31 - 166*	*11/14/23 11:30*	*11/15/23 16:47*	*1*
Nitrobenzene-d5 (Surr)	*82*		*37 - 147*	*11/14/23 11:30*	*11/15/23 16:47*	*1*
Phenol-d5 (Surr)	*78*		*30 - 153*	*11/14/23 11:30*	*11/15/23 16:47*	*1*
Terphenyl-d14 (Surr)	*94*		*42 - 157*	*11/14/23 11:30*	*11/15/23 16:47*	*1*
2,4,6-Tribromophenol (Surr)	*69*		*31 - 143*	*11/14/23 11:30*	*11/15/23 16:47*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-7/8A-2-3
Date Collected: 11/09/23 15:15
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-13
Matrix: Solid
Percent Solids: 79.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<13		23	13	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Bromobenzene	<33		91	33	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Bromochloromethane	<39		91	39	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Bromodichloromethane	<34		91	34	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Bromoform	<44		91	44	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Bromomethane	<73		270	73	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Carbon tetrachloride	<35		91	35	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Chlorobenzene	<35		91	35	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Chloroethane	<46		460	46	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Chloroform	<34		180	34	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Chloromethane	<29		460	29	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
2-Chlorotoluene	<29		91	29	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
4-Chlorotoluene	<32		91	32	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
cis-1,2-Dichloroethene	<37		91	37	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
cis-1,3-Dichloropropene	<38		91	38	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Dibromochloromethane	<45		91	45	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
1,2-Dibromo-3-Chloropropane	<180		460	180	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Dibromomethane	<25		91	25	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
1,2-Dichlorobenzene	<31		91	31	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
1,3-Dichlorobenzene	<37		91	37	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
1,4-Dichlorobenzene	<33		91	33	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Dichlorodifluoromethane	<62		270	62	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
1,1-Dichloroethane	<38		91	38	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
1,2-Dichloroethane	<36		91	36	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
1,1-Dichloroethene	<36		91	36	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
1,2-Dichloropropane	<39		91	39	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
1,3-Dichloropropane	<33		91	33	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
2,2-Dichloropropane	<41		460	41	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
1,1-Dichloropropene	<27		91	27	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Ethylbenzene	<17		23	17	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
1,2-Dibromoethane (EDB)	<35		91	35	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Hexachlorobutadiene	<41		91	41	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Isopropylbenzene	<35		91	35	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Isopropyl ether	<25		91	25	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Methylene Chloride	<150		460	150	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Methyl tert-butyl ether	<36		91	36	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Naphthalene	<31		91	31	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
n-Butylbenzene	<35		91	35	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
N-Propylbenzene	<38		91	38	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
p-Isopropyltoluene	<33		91	33	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
sec-Butylbenzene	<36		91	36	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Styrene	<35		91	35	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
tert-Butylbenzene	<36		91	36	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
1,1,1,2-Tetrachloroethane	<42		91	42	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
1,1,2,2-Tetrachloroethane	<36		91	36	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Tetrachloroethene	<34		91	34	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Toluene	<13		23	13	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
trans-1,2-Dichloroethene	<32		91	32	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
trans-1,3-Dichloropropene	<33		91	33	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50

Client Sample ID: DR-7/8A-2-3
Date Collected: 11/09/23 15:15
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-13
Matrix: Solid
Percent Solids: 79.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<42		91	42	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
1,2,4-Trichlorobenzene	<31		91	31	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
1,1,1-Trichloroethane	<35		91	35	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
1,1,2-Trichloroethane	<32		91	32	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Trichloroethene	**16**	**J B**	46	15	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Trichlorofluoromethane	<39		91	39	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
1,2,3-Trichloropropane	<38		180	38	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
1,2,4-Trimethylbenzene	<33		91	33	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
1,3,5-Trimethylbenzene	<35		91	35	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Vinyl chloride	<24		91	24	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50
Xylenes, Total	<20		46	20	ug/Kg	☼	11/09/23 15:15	11/14/23 16:13	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*	*11/09/23 15:15*	*11/14/23 16:13*	*50*
Dibromofluoromethane	*103*		*75 - 120*	*11/09/23 15:15*	*11/14/23 16:13*	*50*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 126*	*11/09/23 15:15*	*11/14/23 16:13*	*50*
Toluene-d8 (Surr)	*93*		*75 - 120*	*11/09/23 15:15*	*11/14/23 16:13*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<8.2		40	8.2	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Acenaphthylene	<6.9		40	6.9	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Anthracene	**12**	**J**	40	8.3	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Benzo[a]anthracene	**150**		40	8.6	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Benzo[a]pyrene	**220**		40	39	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Benzo[b]fluoranthene	**270**		40	38	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Benzo[g,h,i]perylene	**150**		40	8.8	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Benzoic acid	<250		2000	250	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Benzo[k]fluoranthene	**97**		40	15	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Benzyl alcohol	<98		820	98	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Bis(2-chloroethoxy)methane	<15		200	15	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Bis(2-chloroethyl)ether	<19		200	19	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Bis(2-ethylhexyl) phthalate	<160		200	160	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
4-Bromophenyl phenyl ether	<28		200	28	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Butyl benzyl phthalate	<20		200	20	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Carbazole	<16		200	16	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
4-Chloroaniline	<420		820	420	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
4-Chloro-3-methylphenol	<16		400	16	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
2-Chloronaphthalene	<15		200	15	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
2-Chlorophenol	<13		200	13	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
4-Chlorophenyl phenyl ether	<53		200	53	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Chrysene	**200**		40	11	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Dibenz(a,h)anthracene	**63**		40	40	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Dibenzofuran	<14		200	14	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
1,2-Dichlorobenzene	<16		200	16	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
1,3-Dichlorobenzene	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
1,4-Dichlorobenzene	<19		200	19	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
3,3'-Dichlorobenzidine	<33		200	33	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
2,4-Dichlorophenol	<14		400	14	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Diethyl phthalate	<19		200	19	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1

Client Sample ID: DR-7/8A-2-3
Date Collected: 11/09/23 15:15
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-13
Matrix: Solid
Percent Solids: 79.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<91		400	91	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Dimethyl phthalate	<8.8		200	8.8	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Di-n-butyl phthalate	<13		200	13	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
4,6-Dinitro-2-methylphenol	<230		820	230	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
2,4-Dinitrophenol	<230		820	230	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
2,4-Dinitrotoluene	<23		200	23	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
2,6-Dinitrotoluene	<14		200	14	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Di-n-octyl phthalate	<280		400	280	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Fluoranthene	**210**		40	9.4	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Fluorene	<12		40	12	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Hexachlorobenzene	<7.7		82	7.7	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Hexachlorobutadiene	<23		200	23	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Hexachlorocyclopentadiene	<430	*-	820	430	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Hexachloroethane	<20		200	20	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Indeno[1,2,3-cd]pyrene	**150**		40	39	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Isophorone	<21		200	21	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
1-Methylnaphthalene	**20**	**J**	82	7.2	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
2-Methylnaphthalene	**24**	**J**	82	8.1	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
2-Methylphenol	<21		200	21	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
3 & 4 Methylphenol	<30		200	30	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Naphthalene	**17**	**J**	40	7.3	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
2-Nitroaniline	<22		200	22	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
3-Nitroaniline	<18		400	18	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
4-Nitroaniline	<30		400	30	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Nitrobenzene	<13		40	13	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
2-Nitrophenol	<27		400	27	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
4-Nitrophenol	<150		820	150	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
N-Nitrosodi-n-propylamine	<8.0		82	8.0	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
N-Nitrosodiphenylamine	<24		200	24	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
2,2'-oxybis[1-chloropropane]	<29		200	29	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Pentachlorophenol	<100		820	100	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Phenanthrene	**86**		40	8.8	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Phenol	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Pyrene	**200**		40	11	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
Pyridine	<270		820	270	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
1,2,4-Trichlorobenzene	<29		200	29	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
2,4,5-Trichlorophenol	<15		400	15	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1
2,4,6-Trichlorophenol	<14		400	14	ug/Kg	☼	11/14/23 11:30	11/15/23 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*83*		*43 - 145*	*11/14/23 11:30*	*11/15/23 15:59*	*1*
2-Fluorophenol (Surr)	*83*		*31 - 166*	*11/14/23 11:30*	*11/15/23 15:59*	*1*
Nitrobenzene-d5 (Surr)	*80*		*37 - 147*	*11/14/23 11:30*	*11/15/23 15:59*	*1*
Phenol-d5 (Surr)	*80*		*30 - 153*	*11/14/23 11:30*	*11/15/23 15:59*	*1*
Terphenyl-d14 (Surr)	*97*		*42 - 157*	*11/14/23 11:30*	*11/15/23 15:59*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*31 - 143*	*11/14/23 11:30*	*11/15/23 15:59*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-9/12A-1.6-2.6
Date Collected: 11/09/23 15:30
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-14
Matrix: Solid
Percent Solids: 78.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<16		27	16	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Bromobenzene	<38		110	38	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Bromochloromethane	<45		110	45	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Bromodichloromethane	<40		110	40	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Bromoform	<51		110	51	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Bromomethane	<85		320	85	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Carbon tetrachloride	<41		110	41	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Chlorobenzene	<41		110	41	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Chloroethane	<54		530	54	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Chloroform	<39		210	39	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Chloromethane	<34		530	34	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
2-Chlorotoluene	<33		110	33	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
4-Chlorotoluene	<37		110	37	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
cis-1,2-Dichloroethene	<43		110	43	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
cis-1,3-Dichloropropene	<44		110	44	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Dibromochloromethane	<52		110	52	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
1,2-Dibromo-3-Chloropropane	<210		530	210	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Dibromomethane	<29		110	29	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
1,2-Dichlorobenzene	<35		110	35	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
1,3-Dichlorobenzene	<43		110	43	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
1,4-Dichlorobenzene	<39		110	39	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Dichlorodifluoromethane	<72		320	72	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
1,1-Dichloroethane	<44		110	44	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
1,2-Dichloroethane	<42		110	42	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
1,1-Dichloroethene	<41		110	41	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
1,2-Dichloropropane	<45		110	45	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
1,3-Dichloropropane	<38		110	38	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
2,2-Dichloropropane	<47		530	47	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
1,1-Dichloropropene	<32		110	32	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Ethylbenzene	<19		27	19	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
1,2-Dibromoethane (EDB)	<41		110	41	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Hexachlorobutadiene	<47		110	47	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Isopropylbenzene	<41		110	41	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Isopropyl ether	<29		110	29	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Methylene Chloride	<170		530	170	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Methyl tert-butyl ether	<42		110	42	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Naphthalene	**42**	**J**	110	35	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
n-Butylbenzene	<41		110	41	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
N-Propylbenzene	<44		110	44	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
p-Isopropyltoluene	<38		110	38	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
sec-Butylbenzene	<42		110	42	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Styrene	<41		110	41	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
tert-Butylbenzene	<42		110	42	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
1,1,1,2-Tetrachloroethane	<49		110	49	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
1,1,2,2-Tetrachloroethane	<42		110	42	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Tetrachloroethene	<39		110	39	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Toluene	<16		27	16	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
trans-1,2-Dichloroethene	<37		110	37	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
trans-1,3-Dichloropropene	<38		110	38	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50

Client Sample ID: DR-9/12A-1.6-2.6
Date Collected: 11/09/23 15:30
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-14
Matrix: Solid
Percent Solids: 78.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<49		110	49	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
1,2,4-Trichlorobenzene	<36		110	36	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
1,1,1-Trichloroethane	<40		110	40	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
1,1,2-Trichloroethane	<37		110	37	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Trichloroethene	<17		53	17	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Trichlorofluoromethane	<45		110	45	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
1,2,3-Trichloropropane	<44		210	44	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
1,2,4-Trimethylbenzene	<38		110	38	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
1,3,5-Trimethylbenzene	<40		110	40	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Vinyl chloride	<28		110	28	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50
Xylenes, Total	<23		53	23	ug/Kg	☼	11/09/23 15:30	11/14/23 16:37	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*	*11/09/23 15:30*	*11/14/23 16:37*	*50*
Dibromofluoromethane	*105*		*75 - 120*	*11/09/23 15:30*	*11/14/23 16:37*	*50*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 126*	*11/09/23 15:30*	*11/14/23 16:37*	*50*
Toluene-d8 (Surr)	*91*		*75 - 120*	*11/09/23 15:30*	*11/14/23 16:37*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**180**		40	8.2	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Acenaphthylene	**12**	**J**	40	6.8	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Anthracene	**350**		40	8.2	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Benzo[a]anthracene	**5500**		40	8.5	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Benzo[a]pyrene	**8200**		40	39	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Benzo[b]fluoranthene	**9600**		40	38	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Benzo[g,h,i]perylene	**4800**		40	8.7	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Benzoic acid	<250		2000	250	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Benzo[k]fluoranthene	**3800**		40	15	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Benzyl alcohol	<97		810	97	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Bis(2-chloroethoxy)methane	<15		200	15	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Bis(2-chloroethyl)ether	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Bis(2-ethylhexyl) phthalate	<160		200	160	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
4-Bromophenyl phenyl ether	<27		200	27	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Butyl benzyl phthalate	<20		200	20	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Carbazole	**390**		200	16	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
4-Chloroaniline	<420		810	420	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
4-Chloro-3-methylphenol	<16		400	16	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
2-Chloronaphthalene	<15		200	15	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
2-Chlorophenol	<13		200	13	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
4-Chlorophenyl phenyl ether	<53		200	53	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Chrysene	**7000**		40	11	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Dibenz(a,h)anthracene	**1700**		40	40	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Dibenzofuran	**53**	**J**	200	14	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
1,2-Dichlorobenzene	<16		200	16	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
1,3-Dichlorobenzene	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
1,4-Dichlorobenzene	<19		200	19	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
3,3'-Dichlorobenzidine	<33		200	33	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
2,4-Dichlorophenol	<14		400	14	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Diethyl phthalate	<18		200	18	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1

Client Sample ID: DR-9/12A-1.6-2.6

Date Collected: 11/09/23 15:30
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-14

Matrix: Solid
Percent Solids: 78.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<90		400	90	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Dimethyl phthalate	<8.7		200	8.7	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Di-n-butyl phthalate	<13		200	13	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
4,6-Dinitro-2-methylphenol	<230		810	230	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
2,4-Dinitrophenol	<230		810	230	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
2,4-Dinitrotoluene	<23		200	23	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
2,6-Dinitrotoluene	<14		200	14	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Di-n-octyl phthalate	<280		400	280	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Fluoranthene	**7100**		40	9.3	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Fluorene	**88**		40	12	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Hexachlorobenzene	<7.7		81	7.7	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Hexachlorobutadiene	<23		200	23	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Hexachlorocyclopentadiene	<430	*-	810	430	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Hexachloroethane	<20		200	20	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Indeno[1,2,3-cd]pyrene	**5400**		40	39	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Isophorone	<21		200	21	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
1-Methylnaphthalene	**65**	**J**	81	7.2	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
2-Methylnaphthalene	**76**	**J**	81	8.1	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
2-Methylphenol	<21		200	21	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
3 & 4 Methylphenol	<29		200	29	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Naphthalene	**130**		40	7.3	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
2-Nitroaniline	<22		200	22	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
3-Nitroaniline	<18		400	18	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
4-Nitroaniline	<30		400	30	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Nitrobenzene	<13		40	13	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
2-Nitrophenol	<27		400	27	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
4-Nitrophenol	<150		810	150	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
N-Nitrosodi-n-propylamine	<7.9		81	7.9	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
N-Nitrosodiphenylamine	<24		200	24	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
2,2'-oxybis[1-chloropropane]	<29		200	29	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Pentachlorophenol	<100		810	100	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Phenanthrene	**1900**		40	8.7	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Phenol	<17		200	17	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Pyrene	**7000**		40	11	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
Pyridine	<260		810	260	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
1,2,4-Trichlorobenzene	<29		200	29	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
2,4,5-Trichlorophenol	<15		400	15	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1
2,4,6-Trichlorophenol	<14		400	14	ug/Kg	☼	11/14/23 11:30	11/15/23 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*40*	*S1-*	*43 - 145*	*11/14/23 11:30*	*11/15/23 19:13*	*1*
2-Fluorophenol (Surr)	*36*		*31 - 166*	*11/14/23 11:30*	*11/15/23 19:13*	*1*
Nitrobenzene-d5 (Surr)	*37*		*37 - 147*	*11/14/23 11:30*	*11/15/23 19:13*	*1*
Phenol-d5 (Surr)	*37*		*30 - 153*	*11/14/23 11:30*	*11/15/23 19:13*	*1*
Terphenyl-d14 (Surr)	*44*		*42 - 157*	*11/14/23 11:30*	*11/15/23 19:13*	*1*
2,4,6-Tribromophenol (Surr)	*31*		*31 - 143*	*11/14/23 11:30*	*11/15/23 19:13*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-13/14A-1-2
Date Collected: 11/10/23 09:30
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-15
Matrix: Solid
Percent Solids: 83.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<12		21	12	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Bromobenzene	<30		85	30	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Bromochloromethane	<36		85	36	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Bromodichloromethane	<31		85	31	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Bromoform	<41		85	41	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Bromomethane	<67		250	67	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Carbon tetrachloride	<32		85	32	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Chlorobenzene	<33		85	33	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Chloroethane	<43		420	43	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Chloroform	<31		170	31	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Chloromethane	<27		420	27	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
2-Chlorotoluene	<27		85	27	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
4-Chlorotoluene	<30		85	30	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
cis-1,2-Dichloroethene	<34		85	34	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
cis-1,3-Dichloropropene	<35		85	35	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Dibromochloromethane	<41		85	41	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
1,2-Dibromo-3-Chloropropane	<170		420	170	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Dibromomethane	<23		85	23	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
1,2-Dichlorobenzene	<28		85	28	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
1,3-Dichlorobenzene	<34		85	34	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
1,4-Dichlorobenzene	<31		85	31	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Dichlorodifluoromethane	<57		250	57	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
1,1-Dichloroethane	<35		85	35	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
1,2-Dichloroethane	<33		85	33	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
1,1-Dichloroethene	<33		85	33	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
1,2-Dichloropropane	<36		85	36	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
1,3-Dichloropropane	<31		85	31	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
2,2-Dichloropropane	<38		420	38	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
1,1-Dichloropropene	<25		85	25	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Ethylbenzene	<15		21	15	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
1,2-Dibromoethane (EDB)	<33		85	33	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Hexachlorobutadiene	<38		85	38	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Isopropylbenzene	<32		85	32	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Isopropyl ether	<23		85	23	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Methylene Chloride	<140		420	140	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Methyl tert-butyl ether	<33		85	33	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Naphthalene	<28		85	28	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
n-Butylbenzene	<33		85	33	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
N-Propylbenzene	<35		85	35	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
p-Isopropyltoluene	<31		85	31	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
sec-Butylbenzene	<34		85	34	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Styrene	<33		85	33	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
tert-Butylbenzene	<34		85	34	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
1,1,1,2-Tetrachloroethane	<39		85	39	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
1,1,2,2-Tetrachloroethane	<34		85	34	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Tetrachloroethene	<31		85	31	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Toluene	<12		21	12	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
trans-1,2-Dichloroethene	<30		85	30	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
trans-1,3-Dichloropropene	<31		85	31	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50

Client Sample ID: DR-13/14A-1-2

Date Collected: 11/10/23 09:30
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-15

Matrix: Solid
Percent Solids: 83.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<39		85	39	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
1,2,4-Trichlorobenzene	<29		85	29	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
1,1,1-Trichloroethane	<32		85	32	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
1,1,2-Trichloroethane	<30		85	30	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Trichloroethene	**16**	**J B**	42	14	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Trichlorofluoromethane	<36		85	36	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
1,2,3-Trichloropropane	<35		170	35	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
1,2,4-Trimethylbenzene	<30		85	30	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
1,3,5-Trimethylbenzene	<32		85	32	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Vinyl chloride	<22		85	22	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50
Xylenes, Total	<19		42	19	ug/Kg	☼	11/10/23 09:30	11/14/23 17:02	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*	*11/10/23 09:30*	*11/14/23 17:02*	*50*
Dibromofluoromethane	*104*		*75 - 120*	*11/10/23 09:30*	*11/14/23 17:02*	*50*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 126*	*11/10/23 09:30*	*11/14/23 17:02*	*50*
Toluene-d8 (Surr)	*92*		*75 - 120*	*11/10/23 09:30*	*11/14/23 17:02*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.6		37	7.6	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Acenaphthylene	<6.3		37	6.3	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Anthracene	<7.6		37	7.6	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Benzo[a]anthracene	**130**		37	7.9	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Benzo[a]pyrene	**200**		37	36	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Benzo[b]fluoranthene	**220**		37	36	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Benzo[g,h,i]perylene	**150**		37	8.1	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Benzoic acid	<230		1900	230	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Benzo[k]fluoranthene	**91**		37	14	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Benzyl alcohol	<91		760	91	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Bis(2-chloroethoxy)methane	<14		190	14	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Bis(2-chloroethyl)ether	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Bis(2-ethylhexyl) phthalate	<150		190	150	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
4-Bromophenyl phenyl ether	<26		190	26	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Butyl benzyl phthalate	<19		190	19	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Carbazole	<15		190	15	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
4-Chloroaniline	<390		760	390	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
4-Chloro-3-methylphenol	<15		370	15	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
2-Chloronaphthalene	<14		190	14	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
2-Chlorophenol	<12		190	12	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
4-Chlorophenyl phenyl ether	<49		190	49	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Chrysene	**170**		37	9.9	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Dibenz(a,h)anthracene	**44**		37	37	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Dibenzofuran	<13		190	13	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
1,2-Dichlorobenzene	<15		190	15	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
1,3-Dichlorobenzene	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
1,4-Dichlorobenzene	<18		190	18	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
3,3'-Dichlorobenzidine	<31		190	31	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
2,4-Dichlorophenol	<13		370	13	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Diethyl phthalate	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-13/14A-1-2
Date Collected: 11/10/23 09:30
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-15
Matrix: Solid
Percent Solids: 83.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<84		370	84	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Dimethyl phthalate	<8.1		190	8.1	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Di-n-butyl phthalate	<12		190	12	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
4,6-Dinitro-2-methylphenol	<210		760	210	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
2,4-Dinitrophenol	<220		760	220	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
2,4-Dinitrotoluene	<21		190	21	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
2,6-Dinitrotoluene	<13		190	13	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Di-n-octyl phthalate	<260		370	260	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Fluoranthene	**140**		37	8.7	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Fluorene	<11		37	11	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Hexachlorobenzene	<7.2		76	7.2	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Hexachlorobutadiene	<21		190	21	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Hexachlorocyclopentadiene	<400	*-	760	400	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Hexachloroethane	<19		190	19	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Indeno[1,2,3-cd]pyrene	**130**		37	36	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Isophorone	<19		190	19	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
1-Methylnaphthalene	<6.7		76	6.7	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
2-Methylnaphthalene	<7.5		76	7.5	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
2-Methylphenol	<20		190	20	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
3 & 4 Methylphenol	<27		190	27	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Naphthalene	<6.8		37	6.8	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
2-Nitroaniline	<20		190	20	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
3-Nitroaniline	<17		370	17	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
4-Nitroaniline	<28		370	28	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Nitrobenzene	<12		37	12	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
2-Nitrophenol	<25		370	25	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
4-Nitrophenol	<140		760	140	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
N-Nitrosodi-n-propylamine	<7.4		76	7.4	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
N-Nitrosodiphenylamine	<22		190	22	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
2,2'-oxybis[1-chloropropane]	<27		190	27	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Pentachlorophenol	<94		760	94	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Phenanthrene	**34**	**J**	37	8.1	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Phenol	<16		190	16	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Pyrene	**150**		37	10	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
Pyridine	<250		760	250	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
1,2,4-Trichlorobenzene	<27		190	27	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
2,4,5-Trichlorophenol	<14		370	14	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1
2,4,6-Trichlorophenol	<13		370	13	ug/Kg	☼	11/14/23 11:30	11/15/23 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*82*		*43 - 145*	*11/14/23 11:30*	*11/15/23 13:33*	*1*
2-Fluorophenol (Surr)	*82*		*31 - 166*	*11/14/23 11:30*	*11/15/23 13:33*	*1*
Nitrobenzene-d5 (Surr)	*77*		*37 - 147*	*11/14/23 11:30*	*11/15/23 13:33*	*1*
Phenol-d5 (Surr)	*79*		*30 - 153*	*11/14/23 11:30*	*11/15/23 13:33*	*1*
Terphenyl-d14 (Surr)	*93*		*42 - 157*	*11/14/23 11:30*	*11/15/23 13:33*	*1*
2,4,6-Tribromophenol (Surr)	*74*		*31 - 143*	*11/14/23 11:30*	*11/15/23 13:33*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-10/11A-2-3
Date Collected: 11/10/23 08:55
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-16
Matrix: Solid
Percent Solids: 82.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<14		23	14	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Bromobenzene	<33		94	33	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Bromochloromethane	<40		94	40	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Bromodichloromethane	<35		94	35	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Bromoform	<45		94	45	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Bromomethane	<74		280	74	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Carbon tetrachloride	<36		94	36	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Chlorobenzene	<36		94	36	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Chloroethane	<47		470	47	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Chloroform	<35		190	35	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Chloromethane	<30		470	30	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
2-Chlorotoluene	<29		94	29	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
4-Chlorotoluene	<33		94	33	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
cis-1,2-Dichloroethene	<38		94	38	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
cis-1,3-Dichloropropene	<39		94	39	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Dibromochloromethane	<46		94	46	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
1,2-Dibromo-3-Chloropropane	<190		470	190	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Dibromomethane	<25		94	25	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
1,2-Dichlorobenzene	<31		94	31	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
1,3-Dichlorobenzene	<37		94	37	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
1,4-Dichlorobenzene	<34		94	34	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Dichlorodifluoromethane	<63		280	63	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
1,1-Dichloroethane	<38		94	38	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
1,2-Dichloroethane	<37		94	37	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
1,1-Dichloroethene	<36		94	36	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
1,2-Dichloropropane	<40		94	40	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
1,3-Dichloropropane	<34		94	34	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
2,2-Dichloropropane	<42		470	42	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
1,1-Dichloropropene	<28		94	28	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Ethylbenzene	<17		23	17	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
1,2-Dibromoethane (EDB)	<36		94	36	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Hexachlorobutadiene	<42		94	42	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Isopropylbenzene	<36		94	36	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Isopropyl ether	<26		94	26	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Methylene Chloride	<150		470	150	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Methyl tert-butyl ether	<37		94	37	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Naphthalene	**31**	**J**	94	31	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
n-Butylbenzene	<36		94	36	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
N-Propylbenzene	<39		94	39	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
p-Isopropyltoluene	<34		94	34	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
sec-Butylbenzene	<37		94	37	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Styrene	<36		94	36	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
tert-Butylbenzene	<37		94	37	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
1,1,1,2-Tetrachloroethane	<43		94	43	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
1,1,2,2-Tetrachloroethane	<37		94	37	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Tetrachloroethene	<35		94	35	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Toluene	**16**	**J**	23	14	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
trans-1,2-Dichloroethene	<33		94	33	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
trans-1,3-Dichloropropene	<34		94	34	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50

Client Sample ID: DR-10/11A-2-3

Date Collected: 11/10/23 08:55
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-16

Matrix: Solid
Percent Solids: 82.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<43		94	43	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
1,2,4-Trichlorobenzene	<32		94	32	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
1,1,1-Trichloroethane	<36		94	36	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
1,1,2-Trichloroethane	<33		94	33	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Trichloroethene	<15		47	15	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Trichlorofluoromethane	<40		94	40	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
1,2,3-Trichloropropane	<39		190	39	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
1,2,4-Trimethylbenzene	**36**	**J**	94	33	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
1,3,5-Trimethylbenzene	<36		94	36	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Vinyl chloride	<25		94	25	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50
Xylenes, Total	**56**		47	21	ug/Kg	☼	11/10/23 08:55	11/14/23 17:26	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*	*11/10/23 08:55*	*11/14/23 17:26*	*50*
Dibromofluoromethane	*104*		*75 - 120*	*11/10/23 08:55*	*11/14/23 17:26*	*50*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 126*	*11/10/23 08:55*	*11/14/23 17:26*	*50*
Toluene-d8 (Surr)	*93*		*75 - 120*	*11/10/23 08:55*	*11/14/23 17:26*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**25**	**J**	38	7.8	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Acenaphthylene	**11**	**J**	38	6.5	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Anthracene	**51**		38	7.8	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Benzo[a]anthracene	**83**		38	8.1	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Benzo[a]pyrene	**91**		38	37	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Benzo[b]fluoranthene	**110**		38	36	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Benzo[g,h,i]perylene	**71**		38	8.3	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Benzoic acid	<230		1900	230	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Benzo[k]fluoranthene	**21**	**J**	38	14	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Benzyl alcohol	<93		770	93	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Bis(2-chloroethoxy)methane	<14		190	14	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Bis(2-chloroethyl)ether	<18		190	18	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Bis(2-ethylhexyl) phthalate	<150		190	150	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
4-Bromophenyl phenyl ether	<26		190	26	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Butyl benzyl phthalate	<19		190	19	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Carbazole	**24**	**J**	190	15	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
4-Chloroaniline	<400		770	400	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
4-Chloro-3-methylphenol	<15		380	15	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
2-Chloronaphthalene	<14		190	14	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
2-Chlorophenol	<12		190	12	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
4-Chlorophenyl phenyl ether	<50		190	50	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Chrysene	**100**		38	10	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Dibenz(a,h)anthracene	**40**		38	38	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Dibenzofuran	**120**	**J**	190	14	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
1,2-Dichlorobenzene	<16		190	16	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
1,3-Dichlorobenzene	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
1,4-Dichlorobenzene	<18		190	18	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
3,3'-Dichlorobenzidine	<31		190	31	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
2,4-Dichlorophenol	<13		380	13	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Diethyl phthalate	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-10/11A-2-3
Date Collected: 11/10/23 08:55
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-16
Matrix: Solid
Percent Solids: 82.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<85		380	85	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Dimethyl phthalate	<8.3		190	8.3	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Di-n-butyl phthalate	<12		190	12	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
4,6-Dinitro-2-methylphenol	<210		770	210	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
2,4-Dinitrophenol	<220		770	220	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
2,4-Dinitrotoluene	<22		190	22	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
2,6-Dinitrotoluene	<13		190	13	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Di-n-octyl phthalate	<270		380	270	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Fluoranthene	**190**		38	8.9	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Fluorene	**37**	**J**	38	11	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Hexachlorobenzene	<7.3		77	7.3	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Hexachlorobutadiene	<21		190	21	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Hexachlorocyclopentadiene	<400	*-	770	400	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Hexachloroethane	<19		190	19	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Indeno[1,2,3-cd]pyrene	**55**		38	37	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Isophorone	<20		190	20	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
1-Methylnaphthalene	**350**		77	6.8	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
2-Methylnaphthalene	**390**		77	7.7	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
2-Methylphenol	<20		190	20	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
3 & 4 Methylphenol	<28		190	28	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Naphthalene	**230**		38	6.9	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
2-Nitroaniline	<20		190	20	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
3-Nitroaniline	<17		380	17	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
4-Nitroaniline	<28		380	28	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Nitrobenzene	<12		38	12	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
2-Nitrophenol	<26		380	26	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
4-Nitrophenol	<140		770	140	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
N-Nitrosodi-n-propylamine	<7.5		77	7.5	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
N-Nitrosodiphenylamine	<23		190	23	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
2,2'-oxybis[1-chloropropane]	<27		190	27	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Pentachlorophenol	<95		770	95	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Phenanthrene	**390**		38	8.3	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Phenol	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Pyrene	**190**		38	10	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
Pyridine	<250		770	250	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
1,2,4-Trichlorobenzene	<27		190	27	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
2,4,5-Trichlorophenol	<14		380	14	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1
2,4,6-Trichlorophenol	<13		380	13	ug/Kg	☼	11/14/23 11:30	11/15/23 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*43 - 145*	*11/14/23 11:30*	*11/15/23 18:24*	*1*
2-Fluorophenol (Surr)	*81*		*31 - 166*	*11/14/23 11:30*	*11/15/23 18:24*	*1*
Nitrobenzene-d5 (Surr)	*66*		*37 - 147*	*11/14/23 11:30*	*11/15/23 18:24*	*1*
Phenol-d5 (Surr)	*78*		*30 - 153*	*11/14/23 11:30*	*11/15/23 18:24*	*1*
Terphenyl-d14 (Surr)	*85*		*42 - 157*	*11/14/23 11:30*	*11/15/23 18:24*	*1*
2,4,6-Tribromophenol (Surr)	*75*		*31 - 143*	*11/14/23 11:30*	*11/15/23 18:24*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-13/16A-3-4
Date Collected: 11/10/23 09:10
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-17
Matrix: Solid
Percent Solids: 85.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		20	11	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Bromobenzene	<28		78	28	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Bromochloromethane	<33		78	33	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Bromodichloromethane	<29		78	29	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Bromoform	<38		78	38	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Bromomethane	<62		230	62	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Carbon tetrachloride	<30		78	30	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Chlorobenzene	<30		78	30	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Chloroethane	<39		390	39	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Chloroform	<29		160	29	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Chloromethane	<25		390	25	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
2-Chlorotoluene	<25		78	25	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
4-Chlorotoluene	<27		78	27	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
cis-1,2-Dichloroethene	<32		78	32	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
cis-1,3-Dichloropropene	<32		78	32	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Dibromochloromethane	<38		78	38	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
1,2-Dibromo-3-Chloropropane	<160		390	160	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Dibromomethane	<21		78	21	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
1,2-Dichlorobenzene	<26		78	26	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
1,3-Dichlorobenzene	<31		78	31	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
1,4-Dichlorobenzene	<28		78	28	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Dichlorodifluoromethane	<53		230	53	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
1,1-Dichloroethane	<32		78	32	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
1,2-Dichloroethane	<31		78	31	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
1,1-Dichloroethene	<30		78	30	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
1,2-Dichloropropane	<33		78	33	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
1,3-Dichloropropane	<28		78	28	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
2,2-Dichloropropane	<35		390	35	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
1,1-Dichloropropene	<23		78	23	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Ethylbenzene	<14		20	14	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
1,2-Dibromoethane (EDB)	<30		78	30	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Hexachlorobutadiene	<35		78	35	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Isopropylbenzene	<30		78	30	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Isopropyl ether	<22		78	22	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Methylene Chloride	<130		390	130	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Methyl tert-butyl ether	<31		78	31	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Naphthalene	<26		78	26	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
n-Butylbenzene	<30		78	30	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
N-Propylbenzene	<32		78	32	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
p-Isopropyltoluene	<28		78	28	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
sec-Butylbenzene	<31		78	31	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Styrene	<30		78	30	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
tert-Butylbenzene	<31		78	31	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
1,1,1,2-Tetrachloroethane	<36		78	36	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
1,1,2,2-Tetrachloroethane	<31		78	31	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Tetrachloroethene	<29		78	29	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Toluene	<11		20	11	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
trans-1,2-Dichloroethene	<27		78	27	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
trans-1,3-Dichloropropene	<28		78	28	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50

Client Sample ID: DR-13/16A-3-4

Date Collected: 11/10/23 09:10
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-17

Matrix: Solid
Percent Solids: 85.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<36		78	36	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
1,2,4-Trichlorobenzene	<27		78	27	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
1,1,1-Trichloroethane	<30		78	30	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
1,1,2-Trichloroethane	<27		78	27	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Trichloroethene	**14**	**J B**	39	13	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Trichlorofluoromethane	<33		78	33	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
1,2,3-Trichloropropane	<32		160	32	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
1,2,4-Trimethylbenzene	<28		78	28	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
1,3,5-Trimethylbenzene	<30		78	30	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Vinyl chloride	<20		78	20	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50
Xylenes, Total	<17		39	17	ug/Kg	☼	11/10/23 09:10	11/14/23 17:50	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*	*11/10/23 09:10*	*11/14/23 17:50*	*50*
Dibromofluoromethane	*104*		*75 - 120*	*11/10/23 09:10*	*11/14/23 17:50*	*50*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 126*	*11/10/23 09:10*	*11/14/23 17:50*	*50*
Toluene-d8 (Surr)	*92*		*75 - 120*	*11/10/23 09:10*	*11/14/23 17:50*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.6		37	7.6	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Acenaphthylene	<6.3		37	6.3	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Anthracene	<7.6		37	7.6	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Benzo[a]anthracene	**17**	**J**	37	7.9	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Benzo[a]pyrene	**44**		37	36	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Benzo[b]fluoranthene	**48**		37	36	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Benzo[g,h,i]perylene	**41**		37	8.1	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Benzoic acid	<230		1900	230	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Benzo[k]fluoranthene	<14		37	14	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Benzyl alcohol	<91		750	91	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Bis(2-chloroethoxy)methane	<14		190	14	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Bis(2-chloroethyl)ether	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Bis(2-ethylhexyl) phthalate	<150		190	150	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
4-Bromophenyl phenyl ether	<26		190	26	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Butyl benzyl phthalate	<19		190	19	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Carbazole	<15		190	15	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
4-Chloroaniline	<390		750	390	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
4-Chloro-3-methylphenol	<15		370	15	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
2-Chloronaphthalene	<14		190	14	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
2-Chlorophenol	<12		190	12	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
4-Chlorophenyl phenyl ether	<49		190	49	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Chrysene	**12**	**J**	37	9.9	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Dibenz(a,h)anthracene	<37		37	37	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Dibenzofuran	<13		190	13	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
1,2-Dichlorobenzene	<15		190	15	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
1,3-Dichlorobenzene	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
1,4-Dichlorobenzene	<18		190	18	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
3,3'-Dichlorobenzidine	<31		190	31	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
2,4-Dichlorophenol	<13		370	13	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Diethyl phthalate	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1

Client Sample ID: DR-13/16A-3-4

Date Collected: 11/10/23 09:10
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-17

Matrix: Solid
Percent Solids: 85.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<84		370	84	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Dimethyl phthalate	<8.1		190	8.1	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Di-n-butyl phthalate	<12		190	12	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
4,6-Dinitro-2-methylphenol	<210		750	210	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
2,4-Dinitrophenol	<220		750	220	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
2,4-Dinitrotoluene	<21		190	21	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
2,6-Dinitrotoluene	<13		190	13	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Di-n-octyl phthalate	<260		370	260	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Fluoranthene	**11**	**J**	37	8.7	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Fluorene	<11		37	11	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Hexachlorobenzene	<7.2		75	7.2	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Hexachlorobutadiene	<21		190	21	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Hexachlorocyclopentadiene	<400	*-	750	400	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Hexachloroethane	<19		190	19	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Indeno[1,2,3-cd]pyrene	<36		37	36	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Isophorone	<19		190	19	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
1-Methylnaphthalene	<6.7		75	6.7	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
2-Methylnaphthalene	<7.5		75	7.5	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
2-Methylphenol	<20		190	20	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
3 & 4 Methylphenol	<27		190	27	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Naphthalene	<6.8		37	6.8	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
2-Nitroaniline	<20		190	20	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
3-Nitroaniline	<17		370	17	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
4-Nitroaniline	<28		370	28	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Nitrobenzene	<12		37	12	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
2-Nitrophenol	<25		370	25	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
4-Nitrophenol	<140		750	140	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
N-Nitrosodi-n-propylamine	<7.4		75	7.4	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
N-Nitrosodiphenylamine	<22		190	22	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
2,2'-oxybis[1-chloropropane]	<27		190	27	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Pentachlorophenol	<93		750	93	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Phenanthrene	<8.1		37	8.1	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Phenol	<16		190	16	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Pyrene	**12**	**J**	37	10	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
Pyridine	<250		750	250	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
1,2,4-Trichlorobenzene	<27		190	27	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
2,4,5-Trichlorophenol	<14		370	14	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1
2,4,6-Trichlorophenol	<13		370	13	ug/Kg	☼	11/14/23 11:30	11/15/23 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*76*		*43 - 145*	*11/14/23 11:30*	*11/15/23 13:58*	*1*
2-Fluorophenol (Surr)	*79*		*31 - 166*	*11/14/23 11:30*	*11/15/23 13:58*	*1*
Nitrobenzene-d5 (Surr)	*72*		*37 - 147*	*11/14/23 11:30*	*11/15/23 13:58*	*1*
Phenol-d5 (Surr)	*74*		*30 - 153*	*11/14/23 11:30*	*11/15/23 13:58*	*1*
Terphenyl-d14 (Surr)	*88*		*42 - 157*	*11/14/23 11:30*	*11/15/23 13:58*	*1*
2,4,6-Tribromophenol (Surr)	*69*		*31 - 143*	*11/14/23 11:30*	*11/15/23 13:58*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-13A-1-2
Date Collected: 11/10/23 09:15
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-18
Matrix: Solid
Percent Solids: 83.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<13		23	13	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Bromobenzene	<33		91	33	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Bromochloromethane	<39		91	39	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Bromodichloromethane	<34		91	34	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Bromoform	<44		91	44	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Bromomethane	<73		270	73	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Carbon tetrachloride	<35		91	35	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Chlorobenzene	<35		91	35	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Chloroethane	<46		460	46	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Chloroform	<34		180	34	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Chloromethane	<29		460	29	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
2-Chlorotoluene	<29		91	29	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
4-Chlorotoluene	<32		91	32	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
cis-1,2-Dichloroethene	<37		91	37	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
cis-1,3-Dichloropropene	<38		91	38	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Dibromochloromethane	<45		91	45	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
1,2-Dibromo-3-Chloropropane	<180		460	180	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Dibromomethane	<25		91	25	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
1,2-Dichlorobenzene	<31		91	31	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
1,3-Dichlorobenzene	<37		91	37	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
1,4-Dichlorobenzene	<33		91	33	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Dichlorodifluoromethane	<62		270	62	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
1,1-Dichloroethane	<38		91	38	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
1,2-Dichloroethane	<36		91	36	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
1,1-Dichloroethene	<36		91	36	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
1,2-Dichloropropane	<39		91	39	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
1,3-Dichloropropane	<33		91	33	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
2,2-Dichloropropane	<41		460	41	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
1,1-Dichloropropene	<27		91	27	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Ethylbenzene	<17		23	17	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
1,2-Dibromoethane (EDB)	<35		91	35	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Hexachlorobutadiene	<41		91	41	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Isopropylbenzene	<35		91	35	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Isopropyl ether	<25		91	25	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Methylene Chloride	<150		460	150	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Methyl tert-butyl ether	<36		91	36	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Naphthalene	<31		91	31	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
n-Butylbenzene	<35		91	35	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
N-Propylbenzene	<38		91	38	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
p-Isopropyltoluene	<33		91	33	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
sec-Butylbenzene	<36		91	36	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Styrene	<35		91	35	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
tert-Butylbenzene	<36		91	36	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
1,1,1,2-Tetrachloroethane	<42		91	42	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
1,1,2,2-Tetrachloroethane	<36		91	36	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Tetrachloroethene	<34		91	34	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Toluene	<13		23	13	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
trans-1,2-Dichloroethene	<32		91	32	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
trans-1,3-Dichloropropene	<33		91	33	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50

Client Sample ID: DR-13A-1-2
Date Collected: 11/10/23 09:15
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-18
Matrix: Solid
Percent Solids: 83.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<42		91	42	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
1,2,4-Trichlorobenzene	<31		91	31	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
1,1,1-Trichloroethane	<35		91	35	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
1,1,2-Trichloroethane	<32		91	32	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Trichloroethene	<15		46	15	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Trichlorofluoromethane	<39		91	39	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
1,2,3-Trichloropropane	<38		180	38	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
1,2,4-Trimethylbenzene	<33		91	33	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
1,3,5-Trimethylbenzene	<35		91	35	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Vinyl chloride	<24		91	24	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50
Xylenes, Total	<20		46	20	ug/Kg	☼	11/10/23 09:15	11/14/23 18:14	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*	*11/10/23 09:15*	*11/14/23 18:14*	*50*
Dibromofluoromethane	*103*		*75 - 120*	*11/10/23 09:15*	*11/14/23 18:14*	*50*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 126*	*11/10/23 09:15*	*11/14/23 18:14*	*50*
Toluene-d8 (Surr)	*92*		*75 - 120*	*11/10/23 09:15*	*11/14/23 18:14*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.6		37	7.6	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Acenaphthylene	<6.3		37	6.3	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Anthracene	<7.6		37	7.6	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Benzo[a]anthracene	**24**	**J**	37	7.9	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Benzo[a]pyrene	**58**		37	36	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Benzo[b]fluoranthene	**63**		37	36	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Benzo[g,h,i]perylene	**47**		37	8.1	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Benzoic acid	<230		1900	230	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Benzo[k]fluoranthene	<14		37	14	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Benzyl alcohol	<91		750	91	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Bis(2-chloroethoxy)methane	<14		190	14	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Bis(2-chloroethyl)ether	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Bis(2-ethylhexyl) phthalate	<150		190	150	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
4-Bromophenyl phenyl ether	<26		190	26	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Butyl benzyl phthalate	<19		190	19	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Carbazole	<15		190	15	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
4-Chloroaniline	<390		750	390	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
4-Chloro-3-methylphenol	<15		370	15	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
2-Chloronaphthalene	<14		190	14	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
2-Chlorophenol	<12		190	12	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
4-Chlorophenyl phenyl ether	<49		190	49	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Chrysene	**24**	**J**	37	9.8	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Dibenz(a,h)anthracene	<37		37	37	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Dibenzofuran	<13		190	13	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
1,2-Dichlorobenzene	<15		190	15	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
1,3-Dichlorobenzene	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
1,4-Dichlorobenzene	<18		190	18	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
3,3'-Dichlorobenzidine	<30		190	30	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
2,4-Dichlorophenol	<13		370	13	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Diethyl phthalate	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1

Client Sample ID: DR-13A-1-2

Date Collected: 11/10/23 09:15
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-18

Matrix: Solid
Percent Solids: 83.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<84		370	84	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Dimethyl phthalate	<8.1		190	8.1	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Di-n-butyl phthalate	<12		190	12	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
4,6-Dinitro-2-methylphenol	<210		750	210	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
2,4-Dinitrophenol	<220		750	220	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
2,4-Dinitrotoluene	<21		190	21	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
2,6-Dinitrotoluene	<13		190	13	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Di-n-octyl phthalate	<260		370	260	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Fluoranthene	**21**	**J**	37	8.7	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Fluorene	<11		37	11	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Hexachlorobenzene	<7.2		75	7.2	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Hexachlorobutadiene	<21		190	21	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Hexachlorocyclopentadiene	<400	*-	750	400	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Hexachloroethane	<19		190	19	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Indeno[1,2,3-cd]pyrene	**36**	**J**	37	36	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Isophorone	<19		190	19	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
1-Methylnaphthalene	<6.7		75	6.7	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
2-Methylnaphthalene	<7.5		75	7.5	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
2-Methylphenol	<20		190	20	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
3 & 4 Methylphenol	<27		190	27	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Naphthalene	<6.7		37	6.7	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
2-Nitroaniline	<20		190	20	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
3-Nitroaniline	<17		370	17	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
4-Nitroaniline	<28		370	28	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Nitrobenzene	<12		37	12	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
2-Nitrophenol	<25		370	25	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
4-Nitrophenol	<140		750	140	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
N-Nitrosodi-n-propylamine	<7.4		75	7.4	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
N-Nitrosodiphenylamine	<22		190	22	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
2,2'-oxybis[1-chloropropane]	<27		190	27	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Pentachlorophenol	<93		750	93	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Phenanthrene	<8.1		37	8.1	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Phenol	<16		190	16	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Pyrene	**21**	**J**	37	10	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
Pyridine	<250		750	250	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
1,2,4-Trichlorobenzene	<27		190	27	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
2,4,5-Trichlorophenol	<14		370	14	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1
2,4,6-Trichlorophenol	<13		370	13	ug/Kg	☼	11/14/23 11:30	11/15/23 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*78*		*43 - 145*	*11/14/23 11:30*	*11/15/23 15:10*	*1*
2-Fluorophenol (Surr)	*80*		*31 - 166*	*11/14/23 11:30*	*11/15/23 15:10*	*1*
Nitrobenzene-d5 (Surr)	*73*		*37 - 147*	*11/14/23 11:30*	*11/15/23 15:10*	*1*
Phenol-d5 (Surr)	*75*		*30 - 153*	*11/14/23 11:30*	*11/15/23 15:10*	*1*
Terphenyl-d14 (Surr)	*87*		*42 - 157*	*11/14/23 11:30*	*11/15/23 15:10*	*1*
2,4,6-Tribromophenol (Surr)	*67*		*31 - 143*	*11/14/23 11:30*	*11/15/23 15:10*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-9A-2-3
Date Collected: 11/10/23 08:15
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-19
Matrix: Solid
Percent Solids: 85.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<12		20	12	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Bromobenzene	<29		82	29	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Bromochloromethane	<35		82	35	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Bromodichloromethane	<30		82	30	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Bromoform	<40		82	40	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Bromomethane	<65		250	65	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Carbon tetrachloride	<31		82	31	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Chlorobenzene	<32		82	32	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Chloroethane	<41		410	41	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Chloroform	<30		160	30	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Chloromethane	<26		410	26	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
2-Chlorotoluene	<26		82	26	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
4-Chlorotoluene	<29		82	29	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
cis-1,2-Dichloroethene	<33		82	33	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
cis-1,3-Dichloropropene	<34		82	34	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Dibromochloromethane	<40		82	40	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
1,2-Dibromo-3-Chloropropane	<160		410	160	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Dibromomethane	<22		82	22	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
1,2-Dichlorobenzene	<27		82	27	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
1,3-Dichlorobenzene	<33		82	33	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
1,4-Dichlorobenzene	<30		82	30	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Dichlorodifluoromethane	<55		250	55	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
1,1-Dichloroethane	<34		82	34	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
1,2-Dichloroethane	<32		82	32	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
1,1-Dichloroethene	<32		82	32	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
1,2-Dichloropropane	<35		82	35	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
1,3-Dichloropropane	<30		82	30	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
2,2-Dichloropropane	<36		410	36	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
1,1-Dichloropropene	<24		82	24	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Ethylbenzene	<15		20	15	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
1,2-Dibromoethane (EDB)	<32		82	32	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Hexachlorobutadiene	<37		82	37	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Isopropylbenzene	<31		82	31	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Isopropyl ether	<23		82	23	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Methylene Chloride	<130		410	130	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Methyl tert-butyl ether	<32		82	32	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Naphthalene	<27		82	27	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
n-Butylbenzene	<32		82	32	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
N-Propylbenzene	<34		82	34	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
p-Isopropyltoluene	<30		82	30	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
sec-Butylbenzene	<33		82	33	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Styrene	<32		82	32	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
tert-Butylbenzene	<33		82	33	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
1,1,1,2-Tetrachloroethane	<38		82	38	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
1,1,2,2-Tetrachloroethane	<33		82	33	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Tetrachloroethene	<30		82	30	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Toluene	<12		20	12	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
trans-1,2-Dichloroethene	<29		82	29	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
trans-1,3-Dichloropropene	<30		82	30	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-9A-2-3
Date Collected: 11/10/23 08:15
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-19
Matrix: Solid
Percent Solids: 85.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<37		82	37	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
1,2,4-Trichlorobenzene	<28		82	28	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
1,1,1-Trichloroethane	<31		82	31	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
1,1,2-Trichloroethane	<29		82	29	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Trichloroethene	<13		41	13	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Trichlorofluoromethane	<35		82	35	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
1,2,3-Trichloropropane	<34		160	34	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
1,2,4-Trimethylbenzene	<29		82	29	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
1,3,5-Trimethylbenzene	<31		82	31	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Vinyl chloride	<21		82	21	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50
Xylenes, Total	<18		41	18	ug/Kg	☼	11/10/23 08:15	11/14/23 18:38	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*	*11/10/23 08:15*	*11/14/23 18:38*	*50*
Dibromofluoromethane	*102*		*75 - 120*	*11/10/23 08:15*	*11/14/23 18:38*	*50*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 126*	*11/10/23 08:15*	*11/14/23 18:38*	*50*
Toluene-d8 (Surr)	*93*		*75 - 120*	*11/10/23 08:15*	*11/14/23 18:38*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.4		36	7.4	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Acenaphthylene	<6.2		36	6.2	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Anthracene	<7.5		36	7.5	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Benzo[a]anthracene	**23**	**J**	36	7.8	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Benzo[a]pyrene	**58**		36	35	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Benzo[b]fluoranthene	**61**		36	35	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Benzo[g,h,i]perylene	**50**		36	7.9	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Benzoic acid	<220		1800	220	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Benzo[k]fluoranthene	<14		36	14	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Benzyl alcohol	<89		740	89	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Bis(2-chloroethoxy)methane	<14		180	14	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Bis(2-chloroethyl)ether	<17		180	17	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Bis(2-ethylhexyl) phthalate	<140		180	140	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
4-Bromophenyl phenyl ether	<25		180	25	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Butyl benzyl phthalate	<18		180	18	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Carbazole	<14		180	14	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
4-Chloroaniline	<380		740	380	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
4-Chloro-3-methylphenol	<14		360	14	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
2-Chloronaphthalene	<14		180	14	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
2-Chlorophenol	<12		180	12	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
4-Chlorophenyl phenyl ether	<48		180	48	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Chrysene	**35**	**J**	36	9.6	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Dibenz(a,h)anthracene	<36		36	36	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Dibenzofuran	<13		180	13	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
1,2-Dichlorobenzene	<15		180	15	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
1,3-Dichlorobenzene	<17		180	17	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
1,4-Dichlorobenzene	<17		180	17	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
3,3'-Dichlorobenzidine	<30		180	30	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
2,4-Dichlorophenol	<13		360	13	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Diethyl phthalate	<17		180	17	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1

Client Sample ID: DR-9A-2-3

Date Collected: 11/10/23 08:15
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-19

Matrix: Solid
Percent Solids: 85.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<82		360	82	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Dimethyl phthalate	<7.9		180	7.9	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Di-n-butyl phthalate	<12		180	12	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
4,6-Dinitro-2-methylphenol	<210		740	210	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
2,4-Dinitrophenol	<210		740	210	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
2,4-Dinitrotoluene	<21		180	21	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
2,6-Dinitrotoluene	<12		180	12	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Di-n-octyl phthalate	<260		360	260	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Fluoranthene	**23**	**J**	36	8.5	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Fluorene	<11		36	11	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Hexachlorobenzene	<7.0		74	7.0	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Hexachlorobutadiene	<21		180	21	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Hexachlorocyclopentadiene	<390	*-	740	390	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Hexachloroethane	<18		180	18	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Indeno[1,2,3-cd]pyrene	<36		36	36	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Isophorone	<19		180	19	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
1-Methylnaphthalene	<6.5		74	6.5	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
2-Methylnaphthalene	<7.3		74	7.3	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
2-Methylphenol	<19		180	19	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
3 & 4 Methylphenol	<27		180	27	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Naphthalene	<6.6		36	6.6	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
2-Nitroaniline	<20		180	20	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
3-Nitroaniline	<17		360	17	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
4-Nitroaniline	<27		360	27	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Nitrobenzene	<12		36	12	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
2-Nitrophenol	<25		360	25	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
4-Nitrophenol	<140		740	140	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
N-Nitrosodi-n-propylamine	<7.2		74	7.2	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
N-Nitrosodiphenylamine	<22		180	22	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
2,2'-oxybis[1-chloropropane]	<26		180	26	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Pentachlorophenol	<91		740	91	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Phenanthrene	<7.9		36	7.9	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Phenol	<16		180	16	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Pyrene	**30**	**J**	36	10	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
Pyridine	<240		740	240	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
1,2,4-Trichlorobenzene	<26		180	26	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
2,4,5-Trichlorophenol	<14		360	14	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1
2,4,6-Trichlorophenol	<12		360	12	ug/Kg	☼	11/14/23 11:30	11/15/23 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*43 - 145*	*11/14/23 11:30*	*11/15/23 15:35*	*1*
2-Fluorophenol (Surr)	*78*		*31 - 166*	*11/14/23 11:30*	*11/15/23 15:35*	*1*
Nitrobenzene-d5 (Surr)	*74*		*37 - 147*	*11/14/23 11:30*	*11/15/23 15:35*	*1*
Phenol-d5 (Surr)	*75*		*30 - 153*	*11/14/23 11:30*	*11/15/23 15:35*	*1*
Terphenyl-d14 (Surr)	*94*		*42 - 157*	*11/14/23 11:30*	*11/15/23 15:35*	*1*
2,4,6-Tribromophenol (Surr)	*74*		*31 - 143*	*11/14/23 11:30*	*11/15/23 15:35*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-9/10A-3-4
Date Collected: 11/10/23 08:25
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-20
Matrix: Solid
Percent Solids: 83.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<12		20	12	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Bromobenzene	<29	*+	81	29	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Bromochloromethane	<35		81	35	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Bromodichloromethane	<30	*+	81	30	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Bromoform	<39	*+	81	39	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Bromomethane	<65	*+	240	65	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Carbon tetrachloride	<31		81	31	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Chlorobenzene	<31		81	31	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Chloroethane	<41		410	41	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Chloroform	**57**	**J B**	160	30	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Chloromethane	<26		410	26	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
2-Chlorotoluene	<26	*+	81	26	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
4-Chlorotoluene	<29	*+	81	29	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
cis-1,2-Dichloroethene	<33		81	33	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
cis-1,3-Dichloropropene	<34		81	34	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Dibromochloromethane	<40	*+	81	40	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
1,2-Dibromo-3-Chloropropane	<160	*+	410	160	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Dibromomethane	<22		81	22	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
1,2-Dichlorobenzene	<27		81	27	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
1,3-Dichlorobenzene	<33		81	33	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
1,4-Dichlorobenzene	<30		81	30	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Dichlorodifluoromethane	<55		240	55	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
1,1-Dichloroethane	<33	*+	81	33	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
1,2-Dichloroethane	<32	*+	81	32	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
1,1-Dichloroethene	<32		81	32	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
1,2-Dichloropropane	<35		81	35	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
1,3-Dichloropropane	<29		81	29	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
2,2-Dichloropropane	<36	*+	410	36	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
1,1-Dichloropropene	<24		81	24	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Ethylbenzene	<15		20	15	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
1,2-Dibromoethane (EDB)	<31		81	31	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Hexachlorobutadiene	<36		81	36	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Isopropylbenzene	<31	*+	81	31	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Isopropyl ether	<22		81	22	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Methylene Chloride	**140**	**J B**	410	130	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Methyl tert-butyl ether	<32		81	32	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Naphthalene	**41**	**J**	81	27	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
n-Butylbenzene	<32		81	32	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
N-Propylbenzene	<34	*+	81	34	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
p-Isopropyltoluene	<29	*+	81	29	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
sec-Butylbenzene	<32	*+	81	32	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Styrene	<31	*+	81	31	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
tert-Butylbenzene	<32	*+	81	32	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
1,1,1,2-Tetrachloroethane	<38		81	38	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
1,1,2,2-Tetrachloroethane	<32		81	32	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Tetrachloroethene	<30		81	30	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Toluene	<12		20	12	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
trans-1,2-Dichloroethene	<29		81	29	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
trans-1,3-Dichloropropene	<29		81	29	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-9/10A-3-4
Date Collected: 11/10/23 08:25
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-20
Matrix: Solid
Percent Solids: 83.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<37		81	37	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
1,2,4-Trichlorobenzene	<28		81	28	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
1,1,1-Trichloroethane	<31		81	31	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
1,1,2-Trichloroethane	<29		81	29	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Trichloroethene	<13		41	13	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Trichlorofluoromethane	<35		81	35	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
1,2,3-Trichloropropane	<34		160	34	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
1,2,4-Trimethylbenzene	<29	*+	81	29	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
1,3,5-Trimethylbenzene	<31	*+	81	31	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Vinyl chloride	<21		81	21	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50
Xylenes, Total	<18		41	18	ug/Kg	☼	11/10/23 08:25	11/15/23 14:51	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*	*11/10/23 08:25*	*11/15/23 14:51*	*50*
Dibromofluoromethane	*101*		*75 - 120*	*11/10/23 08:25*	*11/15/23 14:51*	*50*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*	*11/10/23 08:25*	*11/15/23 14:51*	*50*
Toluene-d8 (Surr)	*94*		*75 - 120*	*11/10/23 08:25*	*11/15/23 14:51*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.8		38	7.8	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Acenaphthylene	<6.5		38	6.5	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Anthracene	<7.9		38	7.9	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Benzo[a]anthracene	<8.2		38	8.2	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Benzo[a]pyrene	**43**		38	37	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Benzo[b]fluoranthene	**45**		38	37	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Benzo[g,h,i]perylene	**43**		38	8.3	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Benzoic acid	<240		1900	240	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Benzo[k]fluoranthene	<15		38	15	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Benzyl alcohol	<94		780	94	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Bis(2-chloroethoxy)methane	<14		190	14	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Bis(2-chloroethyl)ether	<18		190	18	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Bis(2-ethylhexyl) phthalate	<150		190	150	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
4-Bromophenyl phenyl ether	<26		190	26	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Butyl benzyl phthalate	<19		190	19	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Carbazole	<15		190	15	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
4-Chloroaniline	<400		780	400	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
4-Chloro-3-methylphenol	<15		380	15	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
2-Chloronaphthalene	<14		190	14	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
2-Chlorophenol	<12		190	12	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
4-Chlorophenyl phenyl ether	<51		190	51	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Chrysene	**23**	**J**	38	10	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Dibenz(a,h)anthracene	<38		38	38	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Dibenzofuran	<14		190	14	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
1,2-Dichlorobenzene	<16		190	16	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
1,3-Dichlorobenzene	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
1,4-Dichlorobenzene	<18		190	18	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
3,3'-Dichlorobenzidine	<31		190	31	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
2,4-Dichlorophenol	<14		380	14	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Diethyl phthalate	<18		190	18	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-9/10A-3-4
Date Collected: 11/10/23 08:25
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-20
Matrix: Solid
Percent Solids: 83.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<86		380	86	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Dimethyl phthalate	<8.4		190	8.4	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Di-n-butyl phthalate	<12		190	12	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
4,6-Dinitro-2-methylphenol	<220		780	220	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
2,4-Dinitrophenol	<220		780	220	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
2,4-Dinitrotoluene	<22		190	22	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
2,6-Dinitrotoluene	<13		190	13	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Di-n-octyl phthalate	<270		380	270	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Fluoranthene	**9.2**	**J**	38	9.0	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Fluorene	<11		38	11	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Hexachlorobenzene	<7.4		78	7.4	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Hexachlorobutadiene	<22		190	22	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Hexachlorocyclopentadiene	<410	*-	780	410	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Hexachloroethane	<19		190	19	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Indeno[1,2,3-cd]pyrene	<38		38	38	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Isophorone	<20		190	20	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
1-Methylnaphthalene	<6.9		78	6.9	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
2-Methylnaphthalene	<7.7		78	7.7	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
2-Methylphenol	<20		190	20	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
3 & 4 Methylphenol	<28		190	28	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Naphthalene	<7.0		38	7.0	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
2-Nitroaniline	<21		190	21	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
3-Nitroaniline	<18		380	18	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
4-Nitroaniline	<28		380	28	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Nitrobenzene	<12		38	12	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
2-Nitrophenol	<26		380	26	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
4-Nitrophenol	<140		780	140	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
N-Nitrosodi-n-propylamine	<7.6		78	7.6	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
N-Nitrosodiphenylamine	<23		190	23	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
2,2'-oxybis[1-chloropropane]	<28		190	28	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Pentachlorophenol	<96		780	96	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Phenanthrene	<8.4		38	8.4	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Phenol	<17		190	17	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Pyrene	**21**	**J**	38	11	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
Pyridine	<250		780	250	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
1,2,4-Trichlorobenzene	<28		190	28	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
2,4,5-Trichlorophenol	<15		380	15	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1
2,4,6-Trichlorophenol	<13		380	13	ug/Kg	☼	11/14/23 11:30	11/15/23 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*43 - 145*	*11/14/23 11:30*	*11/15/23 16:23*	*1*
2-Fluorophenol (Surr)	*79*		*31 - 166*	*11/14/23 11:30*	*11/15/23 16:23*	*1*
Nitrobenzene-d5 (Surr)	*73*		*37 - 147*	*11/14/23 11:30*	*11/15/23 16:23*	*1*
Phenol-d5 (Surr)	*76*		*30 - 153*	*11/14/23 11:30*	*11/15/23 16:23*	*1*
Terphenyl-d14 (Surr)	*96*		*42 - 157*	*11/14/23 11:30*	*11/15/23 16:23*	*1*
2,4,6-Tribromophenol (Surr)	*76*		*31 - 143*	*11/14/23 11:30*	*11/15/23 16:23*	*1*

Client Sample ID: DR-10A-2-3
Date Collected: 11/10/23 08:40
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-21
Matrix: Solid
Percent Solids: 93.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<9.3		16	9.3	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Bromobenzene	<23	*+	63	23	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Bromochloromethane	<27		63	27	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Bromodichloromethane	<24	*+	63	24	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Bromoform	<31	*+	63	31	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Bromomethane	<51	*+	190	51	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Carbon tetrachloride	<24		63	24	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Chlorobenzene	<24		63	24	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Chloroethane	<32		320	32	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Chloroform	**41**	**J B**	130	23	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Chloromethane	<20		320	20	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
2-Chlorotoluene	<20	*+	63	20	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
4-Chlorotoluene	<22	*+	63	22	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
cis-1,2-Dichloroethene	<26		63	26	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
cis-1,3-Dichloropropene	<26		63	26	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Dibromochloromethane	<31	*+	63	31	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
1,2-Dibromo-3-Chloropropane	<130	*+	320	130	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Dibromomethane	<17		63	17	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
1,2-Dichlorobenzene	<21		63	21	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
1,3-Dichlorobenzene	<25		63	25	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
1,4-Dichlorobenzene	<23		63	23	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Dichlorodifluoromethane	<43		190	43	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
1,1-Dichloroethane	<26	*+	63	26	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
1,2-Dichloroethane	<25	*+	63	25	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
1,1-Dichloroethene	<25		63	25	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
1,2-Dichloropropane	<27		63	27	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
1,3-Dichloropropane	<23		63	23	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
2,2-Dichloropropane	<28	*+	320	28	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
1,1-Dichloropropene	<19		63	19	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Ethylbenzene	<12		16	12	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
1,2-Dibromoethane (EDB)	<24		63	24	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Hexachlorobutadiene	<28		63	28	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Isopropylbenzene	<24	*+	63	24	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Isopropyl ether	<18		63	18	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Methylene Chloride	**110**	**J B**	320	100	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Methyl tert-butyl ether	<25		63	25	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Naphthalene	**25**	**J**	63	21	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
n-Butylbenzene	<25		63	25	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
N-Propylbenzene	<26	*+	63	26	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
p-Isopropyltoluene	<23	*+	63	23	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
sec-Butylbenzene	<25	*+	63	25	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Styrene	<24	*+	63	24	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
tert-Butylbenzene	<25	*+	63	25	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
1,1,1,2-Tetrachloroethane	<29		63	29	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
1,1,2,2-Tetrachloroethane	<25		63	25	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Tetrachloroethene	<23		63	23	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Toluene	<9.3		16	9.3	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
trans-1,2-Dichloroethene	<22		63	22	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
trans-1,3-Dichloropropene	<23		63	23	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-10A-2-3
Date Collected: 11/10/23 08:40
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-21
Matrix: Solid
Percent Solids: 93.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<29		63	29	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
1,2,4-Trichlorobenzene	<22		63	22	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
1,1,1-Trichloroethane	<24		63	24	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
1,1,2-Trichloroethane	<22		63	22	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Trichloroethene	<10		32	10	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Trichlorofluoromethane	<27		63	27	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
1,2,3-Trichloropropane	<26		130	26	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
1,2,4-Trimethylbenzene	<23	*+	63	23	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
1,3,5-Trimethylbenzene	<24	*+	63	24	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Vinyl chloride	<17		63	17	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50
Xylenes, Total	<14		32	14	ug/Kg	☼	11/10/23 08:40	11/15/23 15:15	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*	*11/10/23 08:40*	*11/15/23 15:15*	*50*
Dibromofluoromethane	*102*		*75 - 120*	*11/10/23 08:40*	*11/15/23 15:15*	*50*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*	*11/10/23 08:40*	*11/15/23 15:15*	*50*
Toluene-d8 (Surr)	*95*		*75 - 120*	*11/10/23 08:40*	*11/15/23 15:15*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**250**		34	7.0	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Acenaphthylene	**24**	**J**	34	5.9	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Anthracene	**2000**		34	7.1	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Benzo[a]anthracene	**4700**		34	7.3	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Benzo[a]pyrene	**5000**		34	33	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Benzo[b]fluoranthene	**5200**		34	33	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Benzo[g,h,i]perylene	**2600**		34	7.5	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Benzoic acid	<210		1700	210	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Benzo[k]fluoranthene	**1900**		34	13	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Benzyl alcohol	<84		700	84	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Bis(2-chloroethoxy)methane	<13		170	13	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Bis(2-chloroethyl)ether	<16		170	16	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Bis(2-ethylhexyl) phthalate	<140		170	140	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
4-Bromophenyl phenyl ether	<24		170	24	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Butyl benzyl phthalate	<17		170	17	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Carbazole	**270**		170	14	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
4-Chloroaniline	<360		700	360	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
4-Chloro-3-methylphenol	<13		340	13	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
2-Chloronaphthalene	<13		170	13	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
2-Chlorophenol	<11		170	11	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
4-Chlorophenyl phenyl ether	<45		170	45	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Chrysene	**4500**		34	9.1	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Dibenz(a,h)anthracene	**780**		34	34	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Dibenzofuran	**110**	**J**	170	12	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
1,2-Dichlorobenzene	<14		170	14	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
1,3-Dichlorobenzene	<16		170	16	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
1,4-Dichlorobenzene	<16		170	16	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
3,3'-Dichlorobenzidine	<28		170	28	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
2,4-Dichlorophenol	<12		340	12	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Diethyl phthalate	<16		170	16	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1

Client Sample ID: DR-10A-2-3

Date Collected: 11/10/23 08:40
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-21

Matrix: Solid
Percent Solids: 93.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<77		340	77	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Dimethyl phthalate	<7.5		170	7.5	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Di-n-butyl phthalate	<11		170	11	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
4,6-Dinitro-2-methylphenol	<190		700	190	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
2,4-Dinitrophenol	<200		700	200	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
2,4-Dinitrotoluene	<20		170	20	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
2,6-Dinitrotoluene	<12		170	12	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Di-n-octyl phthalate	<240		340	240	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Fluorene	**380**		34	10	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Hexachlorobenzene	<6.6		70	6.6	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Hexachlorobutadiene	<19		170	19	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Hexachlorocyclopentadiene	<370	*-	700	370	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Hexachloroethane	<17		170	17	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Indeno[1,2,3-cd]pyrene	**3200**		34	34	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Isophorone	<18		170	18	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
1-Methylnaphthalene	**14**	**J**	70	6.2	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
2-Methylnaphthalene	**13**	**J**	70	6.9	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
2-Methylphenol	<18		170	18	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
3 & 4 Methylphenol	<25		170	25	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Naphthalene	**15**	**J**	34	6.2	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
2-Nitroaniline	<19		170	19	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
3-Nitroaniline	<16		340	16	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
4-Nitroaniline	<25		340	25	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Nitrobenzene	<11		34	11	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
2-Nitrophenol	<23		340	23	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
4-Nitrophenol	<130		700	130	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
N-Nitrosodi-n-propylamine	<6.8		70	6.8	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
N-Nitrosodiphenylamine	<20		170	20	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
2,2'-oxybis[1-chloropropane]	<25		170	25	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Pentachlorophenol	<86		700	86	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Phenanthrene	**4700**		34	7.5	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Phenol	<15		170	15	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Pyrene	**8800**		34	9.4	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
Pyridine	<230		700	230	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
1,2,4-Trichlorobenzene	<25		170	25	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
2,4,5-Trichlorophenol	<13		340	13	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1
2,4,6-Trichlorophenol	<12		340	12	ug/Kg	☼	11/15/23 07:50	11/15/23 21:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*43 - 145*	*11/15/23 07:50*	*11/15/23 21:33*	*1*
2-Fluorophenol (Surr)	*80*		*31 - 166*	*11/15/23 07:50*	*11/15/23 21:33*	*1*
Nitrobenzene-d5 (Surr)	*81*		*37 - 147*	*11/15/23 07:50*	*11/15/23 21:33*	*1*
Phenol-d5 (Surr)	*84*		*30 - 153*	*11/15/23 07:50*	*11/15/23 21:33*	*1*
Terphenyl-d14 (Surr)	*89*		*42 - 157*	*11/15/23 07:50*	*11/15/23 21:33*	*1*
2,4,6-Tribromophenol (Surr)	*79*		*31 - 143*	*11/15/23 07:50*	*11/15/23 21:33*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	**9900**		340	80	ug/Kg	☼	11/15/23 07:50	11/16/23 12:56	10

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-10A-2-3
Date Collected: 11/10/23 08:40
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-21
Matrix: Solid
Percent Solids: 93.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	71		43 - 145	11/15/23 07:50	11/16/23 12:56	10
2-Fluorophenol (Surr)	68		31 - 166	11/15/23 07:50	11/16/23 12:56	10
Nitrobenzene-d5 (Surr)	68		37 - 147	11/15/23 07:50	11/16/23 12:56	10
Phenol-d5 (Surr)	72		30 - 153	11/15/23 07:50	11/16/23 12:56	10
Terphenyl-d14 (Surr)	76		42 - 157	11/15/23 07:50	11/16/23 12:56	10
2,4,6-Tribromophenol (Surr)	64		31 - 143	11/15/23 07:50	11/16/23 12:56	10

Client Sample ID: DR-2A-1.2-2.2

Date Collected: 11/09/23 10:15
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-28

Matrix: Solid
Percent Solids: 83.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<12		21	12	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Bromobenzene	<30	*+	86	30	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Bromochloromethane	<37		86	37	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Bromodichloromethane	<32	*+	86	32	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Bromoform	<41	*+	86	41	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Bromomethane	<68	*+	260	68	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Carbon tetrachloride	<33		86	33	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Chlorobenzene	<33		86	33	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Chloroethane	<43		430	43	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Chloroform	**61**	**J B**	170	32	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Chloromethane	<27		430	27	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
2-Chlorotoluene	<27	*+	86	27	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
4-Chlorotoluene	<30	*+	86	30	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
cis-1,2-Dichloroethene	<35		86	35	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
cis-1,3-Dichloropropene	<36		86	36	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Dibromochloromethane	<42	*+	86	42	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
1,2-Dibromo-3-Chloropropane	<170	*+	430	170	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Dibromomethane	<23		86	23	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
1,2-Dichlorobenzene	<29		86	29	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
1,3-Dichlorobenzene	<34		86	34	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
1,4-Dichlorobenzene	<31		86	31	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Dichlorodifluoromethane	<58		260	58	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
1,1-Dichloroethane	<35	*+	86	35	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
1,2-Dichloroethane	<34	*+	86	34	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
1,1-Dichloroethene	<33		86	33	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
1,2-Dichloropropane	<37		86	37	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
1,3-Dichloropropane	<31		86	31	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
2,2-Dichloropropane	<38	*+	430	38	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
1,1-Dichloropropene	<25		86	25	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Ethylbenzene	<16		21	16	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
1,2-Dibromoethane (EDB)	<33		86	33	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Hexachlorobutadiene	<38		86	38	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Isopropylbenzene	<33	*+	86	33	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Isopropyl ether	<24		86	24	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Methylene Chloride	**150**	**J B**	430	140	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Methyl tert-butyl ether	<34		86	34	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Naphthalene	<29		86	29	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
n-Butylbenzene	<33		86	33	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
N-Propylbenzene	<35	*+	86	35	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
p-Isopropyltoluene	<31	*+	86	31	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
sec-Butylbenzene	<34	*+	86	34	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Styrene	<33	*+	86	33	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
tert-Butylbenzene	<34	*+	86	34	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
1,1,1,2-Tetrachloroethane	<40		86	40	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
1,1,2,2-Tetrachloroethane	<34		86	34	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Tetrachloroethene	<32		86	32	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Toluene	<13		21	13	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
trans-1,2-Dichloroethene	<30		86	30	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
trans-1,3-Dichloropropene	<31		86	31	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50

Client Sample ID: DR-2A-1.2-2.2
Date Collected: 11/09/23 10:15
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-28
Matrix: Solid
Percent Solids: 83.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<39		86	39	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
1,2,4-Trichlorobenzene	<29		86	29	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
1,1,1-Trichloroethane	<33		86	33	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
1,1,2-Trichloroethane	<30		86	30	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Trichloroethene	<14		43	14	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Trichlorofluoromethane	<37		86	37	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
1,2,3-Trichloropropane	<35		170	35	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
1,2,4-Trimethylbenzene	<31	*+	86	31	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
1,3,5-Trimethylbenzene	<33	*+	86	33	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Vinyl chloride	<22		86	22	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50
Xylenes, Total	<19		43	19	ug/Kg	☼	11/09/23 10:15	11/15/23 15:39	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*	*11/09/23 10:15*	*11/15/23 15:39*	*50*
Dibromofluoromethane	*101*		*75 - 120*	*11/09/23 10:15*	*11/15/23 15:39*	*50*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*	*11/09/23 10:15*	*11/15/23 15:39*	*50*
Toluene-d8 (Surr)	*94*		*75 - 120*	*11/09/23 10:15*	*11/15/23 15:39*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<8.0		39	8.0	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Acenaphthylene	<6.6		39	6.6	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Anthracene	**14**	**J**	39	8.0	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Benzo[a]anthracene	**39**		39	8.3	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Benzo[a]pyrene	<38		39	38	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Benzo[b]fluoranthene	**48**		39	37	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Benzo[g,h,i]perylene	**18**	**J**	39	8.5	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Benzoic acid	<240		2000	240	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Benzo[k]fluoranthene	<15		39	15	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Benzyl alcohol	<95		790	95	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Bis(2-chloroethoxy)methane	<15		200	15	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Bis(2-chloroethyl)ether	<18		200	18	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Bis(2-ethylhexyl) phthalate	<150		200	150	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
4-Bromophenyl phenyl ether	<27		200	27	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Butyl benzyl phthalate	<19		200	19	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Carbazole	<15		200	15	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
4-Chloroaniline	<410		790	410	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
4-Chloro-3-methylphenol	<15		390	15	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
2-Chloronaphthalene	<15		200	15	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
2-Chlorophenol	<13		200	13	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
4-Chlorophenyl phenyl ether	<51		200	51	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Chrysene	**30**	**J**	39	10	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Dibenz(a,h)anthracene	<39		39	39	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Dibenzofuran	**15**	**J**	200	14	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
1,2-Dichlorobenzene	<16		200	16	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
1,3-Dichlorobenzene	<18		200	18	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
1,4-Dichlorobenzene	<19		200	19	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
3,3'-Dichlorobenzidine	<32		200	32	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
2,4-Dichlorophenol	<14		390	14	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Diethyl phthalate	<18		200	18	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1

Client Sample ID: DR-2A-1.2-2.2
Date Collected: 11/09/23 10:15
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-28
Matrix: Solid
Percent Solids: 83.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<88		390	88	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Dimethyl phthalate	<8.5		200	8.5	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Di-n-butyl phthalate	<12		200	12	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
4,6-Dinitro-2-methylphenol	<220		790	220	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
2,4-Dinitrophenol	<230		790	230	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
2,4-Dinitrotoluene	<22		200	22	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
2,6-Dinitrotoluene	<13		200	13	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Di-n-octyl phthalate	<270		390	270	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Fluoranthene	**59**		39	9.1	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Fluorene	<12		39	12	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Hexachlorobenzene	<7.5		79	7.5	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Hexachlorobutadiene	<22		200	22	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Hexachlorocyclopentadiene	<420	*-	790	420	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Hexachloroethane	<20		200	20	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Indeno[1,2,3-cd]pyrene	<38		39	38	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Isophorone	<20		200	20	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
1-Methylnaphthalene	**44**	**J**	79	7.0	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
2-Methylnaphthalene	**46**	**J**	79	7.9	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
2-Methylphenol	<21		200	21	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
3 & 4 Methylphenol	<29		200	29	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Naphthalene	**33**	**J**	39	7.1	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
2-Nitroaniline	<21		200	21	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
3-Nitroaniline	<18		390	18	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
4-Nitroaniline	<29		390	29	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Nitrobenzene	<12		39	12	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
2-Nitrophenol	<27		390	27	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
4-Nitrophenol	<150		790	150	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
N-Nitrosodi-n-propylamine	<7.7		79	7.7	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
N-Nitrosodiphenylamine	<23		200	23	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
2,2'-oxybis[1-chloropropane]	<28		200	28	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Pentachlorophenol	<98		790	98	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Phenanthrene	**76**		39	8.5	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Phenol	<17		200	17	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Pyrene	**53**		39	11	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
Pyridine	<260		790	260	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
1,2,4-Trichlorobenzene	<28		200	28	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
2,4,5-Trichlorophenol	<15		390	15	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1
2,4,6-Trichlorophenol	<13		390	13	ug/Kg	☼	11/15/23 07:50	11/16/23 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*82*		*43 - 145*	*11/15/23 07:50*	*11/16/23 00:30*	*1*
2-Fluorophenol (Surr)	*76*		*31 - 166*	*11/15/23 07:50*	*11/16/23 00:30*	*1*
Nitrobenzene-d5 (Surr)	*76*		*37 - 147*	*11/15/23 07:50*	*11/16/23 00:30*	*1*
Phenol-d5 (Surr)	*79*		*30 - 153*	*11/15/23 07:50*	*11/16/23 00:30*	*1*
Terphenyl-d14 (Surr)	*90*		*42 - 157*	*11/15/23 07:50*	*11/16/23 00:30*	*1*
2,4,6-Tribromophenol (Surr)	*82*		*31 - 143*	*11/15/23 07:50*	*11/16/23 00:30*	*1*

Client Sample ID: DR-2/3A-2-3
Date Collected: 11/09/23 10:50
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-29
Matrix: Solid
Percent Solids: 80.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<12		21	12	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Bromobenzene	<30	*+	84	30	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Bromochloromethane	<36		84	36	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Bromodichloromethane	<31	*+	84	31	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Bromoform	<41	*+	84	41	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Bromomethane	<67	*+	250	67	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Carbon tetrachloride	<32		84	32	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Chlorobenzene	<33		84	33	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Chloroethane	<43		420	43	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Chloroform	**62**	**J B**	170	31	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Chloromethane	<27		420	27	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
2-Chlorotoluene	<26	*+	84	26	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
4-Chlorotoluene	<30	*+	84	30	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
cis-1,2-Dichloroethene	<34		84	34	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
cis-1,3-Dichloropropene	<35		84	35	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Dibromochloromethane	<41	*+	84	41	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
1,2-Dibromo-3-Chloropropane	<170	*+	420	170	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Dibromomethane	<23		84	23	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
1,2-Dichlorobenzene	<28		84	28	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
1,3-Dichlorobenzene	<34		84	34	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
1,4-Dichlorobenzene	<31		84	31	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Dichlorodifluoromethane	<57		250	57	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
1,1-Dichloroethane	<35	*+	84	35	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
1,2-Dichloroethane	<33	*+	84	33	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
1,1-Dichloroethene	<33		84	33	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
1,2-Dichloropropane	<36		84	36	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
1,3-Dichloropropane	<31		84	31	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
2,2-Dichloropropane	<37	*+	420	37	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
1,1-Dichloropropene	<25		84	25	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Ethylbenzene	<15		21	15	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
1,2-Dibromoethane (EDB)	<33		84	33	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Hexachlorobutadiene	<38		84	38	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Isopropylbenzene	<32	*+	84	32	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Isopropyl ether	<23		84	23	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Methylene Chloride	**160**	**J B**	420	140	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Methyl tert-butyl ether	<33		84	33	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Naphthalene	**140**		84	28	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
n-Butylbenzene	<33		84	33	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
N-Propylbenzene	<35	*+	84	35	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
p-Isopropyltoluene	<31	*+	84	31	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
sec-Butylbenzene	<34	*+	84	34	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Styrene	<33	*+	84	33	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
tert-Butylbenzene	<34	*+	84	34	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
1,1,1,2-Tetrachloroethane	<39		84	39	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
1,1,2,2-Tetrachloroethane	<34		84	34	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Tetrachloroethene	<31		84	31	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Toluene	**29**		21	12	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
trans-1,2-Dichloroethene	<30		84	30	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
trans-1,3-Dichloropropene	<31		84	31	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50

Client Sample ID: DR-2/3A-2-3
Date Collected: 11/09/23 10:50
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-29
Matrix: Solid
Percent Solids: 80.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<39		84	39	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
1,2,4-Trichlorobenzene	<29		84	29	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
1,1,1-Trichloroethane	<32		84	32	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
1,1,2-Trichloroethane	<30		84	30	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Trichloroethene	<14		42	14	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Trichlorofluoromethane	<36		84	36	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
1,2,3-Trichloropropane	<35		170	35	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
1,2,4-Trimethylbenzene	**32**	**J *+**	84	30	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
1,3,5-Trimethylbenzene	<32	*+	84	32	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Vinyl chloride	<22		84	22	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50
Xylenes, Total	**73**		42	19	ug/Kg	☼	11/09/23 10:50	11/15/23 16:03	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*	*11/09/23 10:50*	*11/15/23 16:03*	*50*
Dibromofluoromethane	*102*		*75 - 120*	*11/09/23 10:50*	*11/15/23 16:03*	*50*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*	*11/09/23 10:50*	*11/15/23 16:03*	*50*
Toluene-d8 (Surr)	*95*		*75 - 120*	*11/09/23 10:50*	*11/15/23 16:03*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**500**		190	40	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Acenaphthylene	**230**		190	33	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Anthracene	**1500**		190	40	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Benzo[a]anthracene	**11000**		190	41	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Benzo[a]pyrene	**18000**		190	190	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Benzo[b]fluoranthene	**20000**		190	190	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Benzo[g,h,i]perylene	**11000**		190	42	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Benzoic acid	<1200		9800	1200	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Benzo[k]fluoranthene	**8200**		190	74	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Benzyl alcohol	<470		3900	470	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Bis(2-chloroethoxy)methane	<73		980	73	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Bis(2-chloroethyl)ether	<90		980	90	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Bis(2-ethylhexyl) phthalate	<760		980	760	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
4-Bromophenyl phenyl ether	<130		980	130	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Butyl benzyl phthalate	<97		980	97	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Carbazole	**920**	**J**	980	77	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
4-Chloroaniline	<2000		3900	2000	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
4-Chloro-3-methylphenol	<76		1900	76	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
2-Chloronaphthalene	<73		980	73	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
2-Chlorophenol	<63		980	63	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
4-Chlorophenyl phenyl ether	<260		980	260	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Chrysene	**15000**		190	51	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Dibenz(a,h)anthracene	**3300**		190	190	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Dibenzofuran	**200**	**J**	980	69	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
1,2-Dichlorobenzene	<79		980	79	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
1,3-Dichlorobenzene	<88		980	88	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
1,4-Dichlorobenzene	<92		980	92	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
3,3'-Dichlorobenzidine	<160		980	160	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
2,4-Dichlorophenol	<69		1900	69	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Diethyl phthalate	<89		980	89	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5

Client Sample ID: DR-2/3A-2-3
Date Collected: 11/09/23 10:50
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-29
Matrix: Solid
Percent Solids: 80.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<440		1900	440	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Dimethyl phthalate	<42		980	42	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Di-n-butyl phthalate	<62		980	62	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
4,6-Dinitro-2-methylphenol	<1100		3900	1100	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
2,4-Dinitrophenol	<1100		3900	1100	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
2,4-Dinitrotoluene	<110		980	110	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
2,6-Dinitrotoluene	<66		980	66	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Di-n-octyl phthalate	<1400		1900	1400	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Fluoranthene	**23000**		190	45	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Fluorene	**410**		190	58	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Hexachlorobenzene	<37		390	37	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Hexachlorobutadiene	<110		980	110	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Hexachlorocyclopentadiene	<2100	*-	3900	2100	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Hexachloroethane	<97		980	97	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Indeno[1,2,3-cd]pyrene	**13000**		190	190	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Isophorone	<100		980	100	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
1-Methylnaphthalene	**190**	**J**	390	35	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
2-Methylnaphthalene	**210**	**J**	390	39	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
2-Methylphenol	<100		980	100	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
3 & 4 Methylphenol	<140		980	140	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Naphthalene	**280**		190	35	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
2-Nitroaniline	<100		980	100	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
3-Nitroaniline	<89		1900	89	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
4-Nitroaniline	<140		1900	140	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Nitrobenzene	<62		190	62	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
2-Nitrophenol	<130		1900	130	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
4-Nitrophenol	<720		3900	720	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
N-Nitrosodi-n-propylamine	<38		390	38	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
N-Nitrosodiphenylamine	<120		980	120	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
2,2'-oxybis[1-chloropropane]	<140		980	140	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Pentachlorophenol	<490		3900	490	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Phenanthrene	**7300**		190	42	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Phenol	<84		980	84	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Pyrene	**19000**		190	53	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
Pyridine	<1300		3900	1300	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
1,2,4-Trichlorobenzene	<140		980	140	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
2,4,5-Trichlorophenol	<73		1900	73	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5
2,4,6-Trichlorophenol	<66		1900	66	ug/Kg	☼	11/15/23 07:50	11/16/23 00:55	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*70*		*43 - 145*	*11/15/23 07:50*	*11/16/23 00:55*	*5*
2-Fluorophenol (Surr)	*50*		*31 - 166*	*11/15/23 07:50*	*11/16/23 00:55*	*5*
Nitrobenzene-d5 (Surr)	*66*		*37 - 147*	*11/15/23 07:50*	*11/16/23 00:55*	*5*
Phenol-d5 (Surr)	*61*		*30 - 153*	*11/15/23 07:50*	*11/16/23 00:55*	*5*
Terphenyl-d14 (Surr)	*73*		*42 - 157*	*11/15/23 07:50*	*11/16/23 00:55*	*5*
2,4,6-Tribromophenol (Surr)	*50*		*31 - 143*	*11/15/23 07:50*	*11/16/23 00:55*	*5*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-1/2A-1.5-2.5
Date Collected: 11/09/23 11:20
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-30
Matrix: Solid
Percent Solids: 85.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<12		20	12	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Bromobenzene	<28	*+	79	28	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Bromochloromethane	<34		79	34	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Bromodichloromethane	<30	*+	79	30	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Bromoform	<38	*+	79	38	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Bromomethane	<63	*+	240	63	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Carbon tetrachloride	<31		79	31	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Chlorobenzene	<31		79	31	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Chloroethane	<40		400	40	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Chloroform	**57**	**J B**	160	29	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Chloromethane	<25		400	25	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
2-Chlorotoluene	<25	*+	79	25	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
4-Chlorotoluene	<28	*+	79	28	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
cis-1,2-Dichloroethene	<32		79	32	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
cis-1,3-Dichloropropene	<33		79	33	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Dibromochloromethane	<39	*+	79	39	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
1,2-Dibromo-3-Chloropropane	<160	*+	400	160	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Dibromomethane	<21		79	21	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
1,2-Dichlorobenzene	<27		79	27	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
1,3-Dichlorobenzene	<32		79	32	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
1,4-Dichlorobenzene	<29		79	29	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Dichlorodifluoromethane	<54		240	54	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
1,1-Dichloroethane	<33	*+	79	33	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
1,2-Dichloroethane	<31	*+	79	31	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
1,1-Dichloroethene	<31		79	31	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
1,2-Dichloropropane	<34		79	34	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
1,3-Dichloropropane	<29		79	29	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
2,2-Dichloropropane	<35	*+	400	35	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
1,1-Dichloropropene	<24		79	24	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Ethylbenzene	<15		20	15	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
1,2-Dibromoethane (EDB)	<31		79	31	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Hexachlorobutadiene	<35		79	35	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Isopropylbenzene	<31	*+	79	31	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Isopropyl ether	<22		79	22	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Methylene Chloride	<130		400	130	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Methyl tert-butyl ether	<31		79	31	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Naphthalene	<27		79	27	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
n-Butylbenzene	<31		79	31	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
N-Propylbenzene	<33	*+	79	33	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
p-Isopropyltoluene	<29	*+	79	29	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
sec-Butylbenzene	<32	*+	79	32	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Styrene	<31	*+	79	31	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
tert-Butylbenzene	<32	*+	79	32	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
1,1,1,2-Tetrachloroethane	<37		79	37	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
1,1,2,2-Tetrachloroethane	<32		79	32	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Tetrachloroethene	<29		79	29	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Toluene	<12		20	12	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
trans-1,2-Dichloroethene	<28		79	28	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
trans-1,3-Dichloropropene	<29		79	29	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50

Client Sample ID: DR-1/2A-1.5-2.5
Date Collected: 11/09/23 11:20
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-30
Matrix: Solid
Percent Solids: 85.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<36		79	36	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
1,2,4-Trichlorobenzene	<27		79	27	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
1,1,1-Trichloroethane	<30		79	30	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
1,1,2-Trichloroethane	<28		79	28	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Trichloroethene	<13		40	13	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Trichlorofluoromethane	<34		79	34	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
1,2,3-Trichloropropane	<33		160	33	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
1,2,4-Trimethylbenzene	<28	*+	79	28	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
1,3,5-Trimethylbenzene	<30	*+	79	30	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Vinyl chloride	<21		79	21	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50
Xylenes, Total	<17		40	17	ug/Kg	☼	11/09/23 11:20	11/15/23 16:27	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*	*11/09/23 11:20*	*11/15/23 16:27*	*50*
Dibromofluoromethane	*100*		*75 - 120*	*11/09/23 11:20*	*11/15/23 16:27*	*50*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*	*11/09/23 11:20*	*11/15/23 16:27*	*50*
Toluene-d8 (Surr)	*93*		*75 - 120*	*11/09/23 11:20*	*11/15/23 16:27*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.5		37	7.5	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Acenaphthylene	<6.2		37	6.2	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Anthracene	<7.5		37	7.5	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Benzo[a]anthracene	**21**	**J**	37	7.8	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Benzo[a]pyrene	<35		37	35	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Benzo[b]fluoranthene	**40**		37	35	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Benzo[g,h,i]perylene	**18**	**J**	37	8.0	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Benzoic acid	<220		1800	220	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Benzo[k]fluoranthene	<14		37	14	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Benzyl alcohol	<89		740	89	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Bis(2-chloroethoxy)methane	<14		180	14	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Bis(2-chloroethyl)ether	<17		180	17	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Bis(2-ethylhexyl) phthalate	<140		180	140	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
4-Bromophenyl phenyl ether	<25		180	25	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Butyl benzyl phthalate	<18		180	18	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Carbazole	<14		180	14	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
4-Chloroaniline	<390		740	390	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
4-Chloro-3-methylphenol	<14		370	14	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
2-Chloronaphthalene	<14		180	14	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
2-Chlorophenol	<12		180	12	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
4-Chlorophenyl phenyl ether	<48		180	48	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Chrysene	**15**	**J**	37	9.7	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Dibenz(a,h)anthracene	<37		37	37	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Dibenzofuran	<13		180	13	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
1,2-Dichlorobenzene	<15		180	15	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
1,3-Dichlorobenzene	<17		180	17	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
1,4-Dichlorobenzene	<17		180	17	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
3,3'-Dichlorobenzidine	<30		180	30	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
2,4-Dichlorophenol	<13		370	13	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Diethyl phthalate	<17		180	17	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1

Client Sample ID: DR-1/2A-1.5-2.5
Lab Sample ID: 500-242450-30
Date Collected: 11/09/23 11:20
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 85.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<82		370	82	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Dimethyl phthalate	<8.0		180	8.0	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Di-n-butyl phthalate	<12		180	12	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
4,6-Dinitro-2-methylphenol	<210		740	210	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
2,4-Dinitrophenol	<210		740	210	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
2,4-Dinitrotoluene	<21		180	21	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
2,6-Dinitrotoluene	<13		180	13	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Di-n-octyl phthalate	<260		370	260	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Fluoranthene	**20**	**J**	37	8.5	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Fluorene	<11		37	11	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Hexachlorobenzene	<7.0		74	7.0	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Hexachlorobutadiene	<21		180	21	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Hexachlorocyclopentadiene	<390	*-	740	390	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Hexachloroethane	<18		180	18	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Indeno[1,2,3-cd]pyrene	<36		37	36	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Isophorone	<19		180	19	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
1-Methylnaphthalene	<6.6		74	6.6	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
2-Methylnaphthalene	<7.4		74	7.4	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
2-Methylphenol	<19		180	19	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
3 & 4 Methylphenol	<27		180	27	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Naphthalene	<6.6		37	6.6	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
2-Nitroaniline	<20		180	20	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
3-Nitroaniline	<17		370	17	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
4-Nitroaniline	<27		370	27	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Nitrobenzene	<12		37	12	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
2-Nitrophenol	<25		370	25	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
4-Nitrophenol	<140		740	140	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
N-Nitrosodi-n-propylamine	<7.2		74	7.2	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
N-Nitrosodiphenylamine	<22		180	22	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
2,2'-oxybis[1-chloropropane]	<26		180	26	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Pentachlorophenol	<92		740	92	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Phenanthrene	<8.0		37	8.0	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Phenol	<16		180	16	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Pyrene	**20**	**J**	37	10	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
Pyridine	<240		740	240	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
1,2,4-Trichlorobenzene	<26		180	26	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
2,4,5-Trichlorophenol	<14		370	14	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1
2,4,6-Trichlorophenol	<13		370	13	ug/Kg	☼	11/15/23 07:50	11/16/23 01:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*77*		*43 - 145*	*11/15/23 07:50*	*11/16/23 01:20*	*1*
2-Fluorophenol (Surr)	*68*		*31 - 166*	*11/15/23 07:50*	*11/16/23 01:20*	*1*
Nitrobenzene-d5 (Surr)	*75*		*37 - 147*	*11/15/23 07:50*	*11/16/23 01:20*	*1*
Phenol-d5 (Surr)	*74*		*30 - 153*	*11/15/23 07:50*	*11/16/23 01:20*	*1*
Terphenyl-d14 (Surr)	*92*		*42 - 157*	*11/15/23 07:50*	*11/16/23 01:20*	*1*
2,4,6-Tribromophenol (Surr)	*74*		*31 - 143*	*11/15/23 07:50*	*11/16/23 01:20*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-10A 2-3 ASPHALT

Date Collected: 11/10/23 08:40
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-31

Matrix: Solid
Percent Solids: 99.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**49**	**J**	160	32	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Acenaphthylene	**28**	**J**	160	27	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Anthracene	**140**	**J**	160	32	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Benzo[a]anthracene	**950**		160	33	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Benzo[a]pyrene	**1200**		160	150	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Benzo[b]fluoranthene	**1800**		160	150	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Benzo[g,h,i]perylene	**680**		160	34	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Benzoic acid	<960		7900	960	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Benzo[k]fluoranthene	**530**		160	60	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Benzyl alcohol	<380		3200	380	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Bis(2-chloroethoxy)methane	<59		790	59	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Bis(2-chloroethyl)ether	<73		790	73	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Bis(2-ethylhexyl) phthalate	<620		790	620	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
4-Bromophenyl phenyl ether	<110		790	110	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Butyl benzyl phthalate	<78		790	78	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Carbazole	<62		790	62	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
4-Chloroaniline	<1700		3200	1700	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
4-Chloro-3-methylphenol	<61		1600	61	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
2-Chloronaphthalene	<59		790	59	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
2-Chlorophenol	<51		790	51	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
4-Chlorophenyl phenyl ether	<210		790	210	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Chrysene	**1200**		160	42	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Dibenz(a,h)anthracene	**300**		160	160	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Dibenzofuran	<56		790	56	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
1,2-Dichlorobenzene	<64		790	64	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
1,3-Dichlorobenzene	<71		790	71	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
1,4-Dichlorobenzene	<74		790	74	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
3,3'-Dichlorobenzidine	<130		790	130	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
2,4-Dichlorophenol	<56		1600	56	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Diethyl phthalate	<72		790	72	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
2,4-Dimethylphenol	<350		1600	350	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Dimethyl phthalate	<34		790	34	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Di-n-butyl phthalate	<50		790	50	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
4,6-Dinitro-2-methylphenol	<890		3200	890	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
2,4-Dinitrophenol	<910		3200	910	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
2,4-Dinitrotoluene	<90		790	90	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
2,6-Dinitrotoluene	<54		790	54	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Di-n-octyl phthalate	<1100		1600	1100	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Fluoranthene	**2000**		160	37	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Fluorene	<47		160	47	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Hexachlorobenzene	<30		320	30	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Hexachlorobutadiene	<89		790	89	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Hexachlorocyclopentadiene	<1700	*-	3200	1700	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Hexachloroethane	<79		790	79	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Indeno[1,2,3-cd]pyrene	**1000**		160	150	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Isophorone	<81		790	81	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
1-Methylnaphthalene	**75**	**J**	320	28	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
2-Methylnaphthalene	**89**	**J**	320	32	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
2-Methylphenol	<83		790	83	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-10A 2-3 ASPHALT
Date Collected: 11/10/23 08:40
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-31
Matrix: Solid
Percent Solids: 99.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	<120		790	120	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Naphthalene	<28		160	28	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
2-Nitroaniline	<84		790	84	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
3-Nitroaniline	<72		1600	72	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
4-Nitroaniline	<120		1600	120	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Nitrobenzene	<50		160	50	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
2-Nitrophenol	<110		1600	110	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
4-Nitrophenol	<580		3200	580	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
N-Nitrosodi-n-propylamine	<31		320	31	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
N-Nitrosodiphenylamine	<93		790	93	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
2,2'-oxybis[1-chloropropane]	<110		790	110	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Pentachlorophenol	<390		3200	390	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Phenanthrene	**570**		160	34	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Phenol	<68		790	68	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Pyrene	**1700**		160	43	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
Pyridine	<1000		3200	1000	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
1,2,4-Trichlorobenzene	<110		790	110	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
2,4,5-Trichlorophenol	<59		1600	59	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5
2,4,6-Trichlorophenol	<54		1600	54	ug/Kg	☼	11/15/23 07:50	11/16/23 01:46	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*60*		*43 - 145*	*11/15/23 07:50*	*11/16/23 01:46*	*5*
2-Fluorophenol (Surr)	*58*		*31 - 166*	*11/15/23 07:50*	*11/16/23 01:46*	*5*
Nitrobenzene-d5 (Surr)	*58*		*37 - 147*	*11/15/23 07:50*	*11/16/23 01:46*	*5*
Phenol-d5 (Surr)	*60*		*30 - 153*	*11/15/23 07:50*	*11/16/23 01:46*	*5*
Terphenyl-d14 (Surr)	*60*		*42 - 157*	*11/15/23 07:50*	*11/16/23 01:46*	*5*
2,4,6-Tribromophenol (Surr)	*48*		*31 - 143*	*11/15/23 07:50*	*11/16/23 01:46*	*5*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-2A 1.2-2.2 ASPHALT
Date Collected: 11/09/23 10:15
Date Received: 11/11/23 09:40

Lab Sample ID: 500-242450-32
Matrix: Solid
Percent Solids: 99.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**1700**		160	33	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Acenaphthylene	<27		160	27	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Anthracene	**1900**		160	33	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Benzo[a]anthracene	**840**		160	34	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Benzo[a]pyrene	**520**		160	160	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Benzo[b]fluoranthene	**740**		160	150	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Benzo[g,h,i]perylene	**190**		160	35	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Benzoic acid	<980		8100	980	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Benzo[k]fluoranthene	**290**		160	61	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Benzyl alcohol	<390		3200	390	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Bis(2-chloroethoxy)methane	<60		810	60	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Bis(2-chloroethyl)ether	<74		810	74	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Bis(2-ethylhexyl) phthalate	<630		810	630	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
4-Bromophenyl phenyl ether	<110		810	110	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Butyl benzyl phthalate	<80		810	80	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Carbazole	**250**	**J**	810	64	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
4-Chloroaniline	<1700		3200	1700	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
4-Chloro-3-methylphenol	<63		1600	63	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
2-Chloronaphthalene	<60		810	60	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
2-Chlorophenol	<52		810	52	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
4-Chlorophenyl phenyl ether	<210		810	210	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Chrysene	**920**		160	42	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Dibenz(a,h)anthracene	<160		160	160	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Dibenzofuran	**2600**		810	57	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
1,2-Dichlorobenzene	<65		810	65	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
1,3-Dichlorobenzene	<73		810	73	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
1,4-Dichlorobenzene	<76		810	76	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
3,3'-Dichlorobenzidine	<130		810	130	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
2,4-Dichlorophenol	<57		1600	57	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Diethyl phthalate	<74		810	74	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
2,4-Dimethylphenol	<360		1600	360	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Dimethyl phthalate	<35		810	35	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Di-n-butyl phthalate	<51		810	51	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
4,6-Dinitro-2-methylphenol	<910		3200	910	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
2,4-Dinitrophenol	<930		3200	930	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
2,4-Dinitrotoluene	<92		810	92	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
2,6-Dinitrotoluene	<55		810	55	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Di-n-octyl phthalate	<1100		1600	1100	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Fluoranthene	**3700**		160	37	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Fluorene	**1800**		160	48	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Hexachlorobenzene	<31		320	31	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Hexachlorobutadiene	<91		810	91	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Hexachlorocyclopentadiene	<1700	*-	3200	1700	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Hexachloroethane	<80		810	80	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Indeno[1,2,3-cd]pyrene	**340**		160	160	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Isophorone	<83		810	83	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
1-Methylnaphthalene	**1400**		320	29	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
2-Methylnaphthalene	**2700**		320	32	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
2-Methylphenol	<85		810	85	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Client Sample ID: DR-2A 1.2-2.2 ASPHALT

Lab Sample ID: 500-242450-32

Date Collected: 11/09/23 10:15
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 99.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	<120		810	120	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Naphthalene	**7000**		160	29	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
2-Nitroaniline	<86		810	86	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
3-Nitroaniline	<73		1600	73	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
4-Nitroaniline	<120		1600	120	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Nitrobenzene	<51		160	51	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
2-Nitrophenol	<110		1600	110	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
4-Nitrophenol	<600		3200	600	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
N-Nitrosodi-n-propylamine	<32		320	32	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
N-Nitrosodiphenylamine	<96		810	96	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
2,2'-oxybis[1-chloropropane]	<120		810	120	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Pentachlorophenol	<400		3200	400	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Phenanthrene	**8500**		160	35	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Phenol	<70		810	70	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Pyrene	**2300**		160	44	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
Pyridine	<1100		3200	1100	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
1,2,4-Trichlorobenzene	<110		810	110	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
2,4,5-Trichlorophenol	<61		1600	61	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5
2,4,6-Trichlorophenol	<55		1600	55	ug/Kg	☼	11/15/23 07:50	11/16/23 02:11	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*52*		*43 - 145*	*11/15/23 07:50*	*11/16/23 02:11*	*5*
2-Fluorophenol (Surr)	*51*		*31 - 166*	*11/15/23 07:50*	*11/16/23 02:11*	*5*
Nitrobenzene-d5 (Surr)	*51*		*37 - 147*	*11/15/23 07:50*	*11/16/23 02:11*	*5*
Phenol-d5 (Surr)	*53*		*30 - 153*	*11/15/23 07:50*	*11/16/23 02:11*	*5*
Terphenyl-d14 (Surr)	*50*		*42 - 157*	*11/15/23 07:50*	*11/16/23 02:11*	*5*
2,4,6-Tribromophenol (Surr)	*42*		*31 - 143*	*11/15/23 07:50*	*11/16/23 02:11*	*5*

Definitions/Glossary

Client: Tetra Tech GEO
Job ID: 500-242450-1
Project/Site: Beazer Oak Creek - Depot Rd

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control 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
*-	LCS and/or LCSD is outside acceptance limits, low biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

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
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

GC/MS VOA

Prep Batch: 741762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-242450-1	DR-2A-5-6	Total/NA	Solid	5035	
500-242450-2	DR-2/3A-5-6	Total/NA	Solid	5035	
500-242450-3	DR-1/2A-5.5-6.5	Total/NA	Solid	5035	
500-242450-4	DR-1A-2-3	Total/NA	Solid	5035	
500-242450-5	DR-1/4A-2-3	Total/NA	Solid	5035	
500-242450-6	DR-3/4A-2-3	Total/NA	Solid	5035	
500-242450-7	DR-5A-0.5-1.5	Total/NA	Solid	5035	
500-242450-8	DR-5/6A-1.5-2.5	Total/NA	Solid	5035	
500-242450-9	DR-6/7A-3-4	Total/NA	Solid	5035	
500-242450-10	DR-3A-3-4	Total/NA	Solid	5035	
500-242450-11	DR-5/8A-2.5-3.5	Total/NA	Solid	5035	
500-242450-12	DR-7A-1-2	Total/NA	Solid	5035	
500-242450-13	DR-7/8A-2-3	Total/NA	Solid	5035	
500-242450-14	DR-9/12A-1.6-2.6	Total/NA	Solid	5035	
500-242450-15	DR-13/14A-1-2	Total/NA	Solid	5035	
500-242450-16	DR-10/11A-2-3	Total/NA	Solid	5035	
500-242450-17	DR-13/16A-3-4	Total/NA	Solid	5035	
500-242450-18	DR-13A-1-2	Total/NA	Solid	5035	
500-242450-19	DR-9A-2-3	Total/NA	Solid	5035	
LB3 500-741762/21-A	Method Blank	Total/NA	Solid	5035	
LCS 500-741762/22-A	Lab Control Sample	Total/NA	Solid	5035	
500-242450-1 MS	DR-2A-5-6	Total/NA	Solid	5035	
500-242450-1 MSD	DR-2A-5-6	Total/NA	Solid	5035	

Prep Batch: 741763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-242450-20	DR-9/10A-3-4	Total/NA	Solid	5035	
500-242450-21	DR-10A-2-3	Total/NA	Solid	5035	
500-242450-28	DR-2A-1.2-2.2	Total/NA	Solid	5035	
500-242450-29	DR-2/3A-2-3	Total/NA	Solid	5035	
500-242450-30	DR-1/2A-1.5-2.5	Total/NA	Solid	5035	
LB3 500-741763/6-A	Method Blank	Total/NA	Solid	5035	
LCS 500-741763/7-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 741985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB3 500-741762/21-A	Method Blank	Total/NA	Solid	8260D	741762
MB 500-741985/6	Method Blank	Total/NA	Solid	8260D	
LCS 500-741762/22-A	Lab Control Sample	Total/NA	Solid	8260D	741762
LCS 500-741985/4	Lab Control Sample	Total/NA	Solid	8260D	

Analysis Batch: 742005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-242450-1	DR-2A-5-6	Total/NA	Solid	8260D	741762
500-242450-2	DR-2/3A-5-6	Total/NA	Solid	8260D	741762
500-242450-3	DR-1/2A-5.5-6.5	Total/NA	Solid	8260D	741762
500-242450-4	DR-1A-2-3	Total/NA	Solid	8260D	741762
500-242450-5	DR-1/4A-2-3	Total/NA	Solid	8260D	741762
500-242450-6	DR-3/4A-2-3	Total/NA	Solid	8260D	741762
500-242450-7	DR-5A-0.5-1.5	Total/NA	Solid	8260D	741762
500-242450-8	DR-5/6A-1.5-2.5	Total/NA	Solid	8260D	741762

GC/MS VOA (Continued)

Analysis Batch: 742005 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-242450-9	DR-6/7A-3-4	Total/NA	Solid	8260D	741762
500-242450-10	DR-3A-3-4	Total/NA	Solid	8260D	741762
500-242450-11	DR-5/8A-2.5-3.5	Total/NA	Solid	8260D	741762
500-242450-12	DR-7A-1-2	Total/NA	Solid	8260D	741762
500-242450-13	DR-7/8A-2-3	Total/NA	Solid	8260D	741762
500-242450-14	DR-9/12A-1.6-2.6	Total/NA	Solid	8260D	741762
500-242450-15	DR-13/14A-1-2	Total/NA	Solid	8260D	741762
500-242450-16	DR-10/11A-2-3	Total/NA	Solid	8260D	741762
500-242450-17	DR-13/16A-3-4	Total/NA	Solid	8260D	741762
500-242450-18	DR-13A-1-2	Total/NA	Solid	8260D	741762
500-242450-19	DR-9A-2-3	Total/NA	Solid	8260D	741762
MB 500-742005/6	Method Blank	Total/NA	Solid	8260D	
LCS 500-742005/4	Lab Control Sample	Total/NA	Solid	8260D	
500-242450-1 MS	DR-2A-5-6	Total/NA	Solid	8260D	741762
500-242450-1 MSD	DR-2A-5-6	Total/NA	Solid	8260D	741762

Analysis Batch: 742225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-242450-20	DR-9/10A-3-4	Total/NA	Solid	8260D	741763
500-242450-21	DR-10A-2-3	Total/NA	Solid	8260D	741763
500-242450-28	DR-2A-1.2-2.2	Total/NA	Solid	8260D	741763
500-242450-29	DR-2/3A-2-3	Total/NA	Solid	8260D	741763
500-242450-30	DR-1/2A-1.5-2.5	Total/NA	Solid	8260D	741763
LB3 500-741763/6-A	Method Blank	Total/NA	Solid	8260D	741763
MB 500-742225/6	Method Blank	Total/NA	Solid	8260D	
LCS 500-741763/7-A	Lab Control Sample	Total/NA	Solid	8260D	741763
LCS 500-742225/4	Lab Control Sample	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 742116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-242450-1	DR-2A-5-6	Total/NA	Solid	3546	
500-242450-2	DR-2/3A-5-6	Total/NA	Solid	3546	
500-242450-3	DR-1/2A-5.5-6.5	Total/NA	Solid	3546	
500-242450-4	DR-1A-2-3	Total/NA	Solid	3546	
500-242450-5	DR-1/4A-2-3	Total/NA	Solid	3546	
500-242450-6	DR-3/4A-2-3	Total/NA	Solid	3546	
500-242450-7	DR-5A-0.5-1.5	Total/NA	Solid	3546	
500-242450-8	DR-5/6A-1.5-2.5	Total/NA	Solid	3546	
500-242450-9	DR-6/7A-3-4	Total/NA	Solid	3546	
500-242450-10	DR-3A-3-4	Total/NA	Solid	3546	
500-242450-11	DR-5/8A-2.5-3.5	Total/NA	Solid	3546	
500-242450-12	DR-7A-1-2	Total/NA	Solid	3546	
500-242450-13	DR-7/8A-2-3	Total/NA	Solid	3546	
500-242450-14	DR-9/12A-1.6-2.6	Total/NA	Solid	3546	
500-242450-15	DR-13/14A-1-2	Total/NA	Solid	3546	
500-242450-16	DR-10/11A-2-3	Total/NA	Solid	3546	
500-242450-17	DR-13/16A-3-4	Total/NA	Solid	3546	
500-242450-18	DR-13A-1-2	Total/NA	Solid	3546	
500-242450-19	DR-9A-2-3	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 742116 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-242450-20	DR-9/10A-3-4	Total/NA	Solid	3546	
MB 500-742116/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-742116/2-A	Lab Control Sample	Total/NA	Solid	3546	
500-242450-1 MS	DR-2A-5-6	Total/NA	Solid	3546	
500-242450-1 MSD	DR-2A-5-6	Total/NA	Solid	3546	

Analysis Batch: 742242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-242450-21	DR-10A-2-3	Total/NA	Solid	8270E	742280
500-242450-28	DR-2A-1.2-2.2	Total/NA	Solid	8270E	742280
500-242450-29	DR-2/3A-2-3	Total/NA	Solid	8270E	742280
500-242450-30	DR-1/2A-1.5-2.5	Total/NA	Solid	8270E	742280
500-242450-31	DR-10A 2-3 ASPHALT	Total/NA	Solid	8270E	742280
500-242450-32	DR-2A 1.2-2.2 ASPHALT	Total/NA	Solid	8270E	742280

Analysis Batch: 742252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-242450-1	DR-2A-5-6	Total/NA	Solid	8270E	742116
500-242450-2	DR-2/3A-5-6	Total/NA	Solid	8270E	742116
500-242450-3	DR-1/2A-5.5-6.5	Total/NA	Solid	8270E	742116
500-242450-4	DR-1A-2-3	Total/NA	Solid	8270E	742116
500-242450-5	DR-1/4A-2-3	Total/NA	Solid	8270E	742116
500-242450-6	DR-3/4A-2-3	Total/NA	Solid	8270E	742116
500-242450-7	DR-5A-0.5-1.5	Total/NA	Solid	8270E	742116
500-242450-8	DR-5/6A-1.5-2.5	Total/NA	Solid	8270E	742116
500-242450-9	DR-6/7A-3-4	Total/NA	Solid	8270E	742116
500-242450-10	DR-3A-3-4	Total/NA	Solid	8270E	742116
500-242450-11	DR-5/8A-2.5-3.5	Total/NA	Solid	8270E	742116
500-242450-12	DR-7A-1-2	Total/NA	Solid	8270E	742116
500-242450-13	DR-7/8A-2-3	Total/NA	Solid	8270E	742116
500-242450-14	DR-9/12A-1.6-2.6	Total/NA	Solid	8270E	742116
500-242450-15	DR-13/14A-1-2	Total/NA	Solid	8270E	742116
500-242450-16	DR-10/11A-2-3	Total/NA	Solid	8270E	742116
500-242450-17	DR-13/16A-3-4	Total/NA	Solid	8270E	742116
500-242450-18	DR-13A-1-2	Total/NA	Solid	8270E	742116
500-242450-19	DR-9A-2-3	Total/NA	Solid	8270E	742116
500-242450-20	DR-9/10A-3-4	Total/NA	Solid	8270E	742116
MB 500-742116/1-A	Method Blank	Total/NA	Solid	8270E	742116
LCS 500-742116/2-A	Lab Control Sample	Total/NA	Solid	8270E	742116
500-242450-1 MS	DR-2A-5-6	Total/NA	Solid	8270E	742116
500-242450-1 MSD	DR-2A-5-6	Total/NA	Solid	8270E	742116

Prep Batch: 742280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-242450-21 - DL	DR-10A-2-3	Total/NA	Solid	3546	
500-242450-21	DR-10A-2-3	Total/NA	Solid	3546	
500-242450-28	DR-2A-1.2-2.2	Total/NA	Solid	3546	
500-242450-29	DR-2/3A-2-3	Total/NA	Solid	3546	
500-242450-30	DR-1/2A-1.5-2.5	Total/NA	Solid	3546	
500-242450-31	DR-10A 2-3 ASPHALT	Total/NA	Solid	3546	
500-242450-32	DR-2A 1.2-2.2 ASPHALT	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 742280 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-742280/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-742280/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 742478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-242450-21 - DL	DR-10A-2-3	Total/NA	Solid	8270E	742280

Analysis Batch: 742488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-742280/1-A	Method Blank	Total/NA	Solid	8270E	742280
LCS 500-742280/2-A	Lab Control Sample	Total/NA	Solid	8270E	742280

General Chemistry

Analysis Batch: 742039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-242450-1	DR-2A-5-6	Total/NA	Solid	Moisture	
500-242450-2	DR-2/3A-5-6	Total/NA	Solid	Moisture	
500-242450-3	DR-1/2A-5.5-6.5	Total/NA	Solid	Moisture	
500-242450-4	DR-1A-2-3	Total/NA	Solid	Moisture	
500-242450-5	DR-1/4A-2-3	Total/NA	Solid	Moisture	
500-242450-6	DR-3/4A-2-3	Total/NA	Solid	Moisture	
500-242450-7	DR-5A-0.5-1.5	Total/NA	Solid	Moisture	
500-242450-8	DR-5/6A-1.5-2.5	Total/NA	Solid	Moisture	
500-242450-9	DR-6/7A-3-4	Total/NA	Solid	Moisture	
500-242450-10	DR-3A-3-4	Total/NA	Solid	Moisture	
500-242450-11	DR-5/8A-2.5-3.5	Total/NA	Solid	Moisture	
500-242450-12	DR-7A-1-2	Total/NA	Solid	Moisture	
500-242450-13	DR-7/8A-2-3	Total/NA	Solid	Moisture	
500-242450-14	DR-9/12A-1.6-2.6	Total/NA	Solid	Moisture	

Analysis Batch: 742062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-242450-15	DR-13/14A-1-2	Total/NA	Solid	Moisture	
500-242450-16	DR-10/11A-2-3	Total/NA	Solid	Moisture	
500-242450-17	DR-13/16A-3-4	Total/NA	Solid	Moisture	
500-242450-18	DR-13A-1-2	Total/NA	Solid	Moisture	
500-242450-19	DR-9A-2-3	Total/NA	Solid	Moisture	
500-242450-20	DR-9/10A-3-4	Total/NA	Solid	Moisture	
500-242450-21	DR-10A-2-3	Total/NA	Solid	Moisture	
500-242450-28	DR-2A-1.2-2.2	Total/NA	Solid	Moisture	
500-242450-29	DR-2/3A-2-3	Total/NA	Solid	Moisture	
500-242450-30	DR-1/2A-1.5-2.5	Total/NA	Solid	Moisture	
500-242450-31	DR-10A 2-3 ASPHALT	Total/NA	Solid	Moisture	
500-242450-32	DR-2A 1.2-2.2 ASPHALT	Total/NA	Solid	Moisture	
500-242450-15 DU	DR-13/14A-1-2	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - Depot Rd

Job ID: 500-242450-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(72-124)	(75-120)	(75-126)	(75-120)
500-242450-1	DR-2A-5-6	107	102	103	93
500-242450-1 MS	DR-2A-5-6	106	99	100	95
500-242450-1 MSD	DR-2A-5-6	105	99	102	95
500-242450-2	DR-2/3A-5-6	108	101	101	94
500-242450-3	DR-1/2A-5.5-6.5	107	103	104	92
500-242450-4	DR-1A-2-3	105	103	102	93
500-242450-5	DR-1/4A-2-3	108	103	104	93
500-242450-6	DR-3/4A-2-3	108	104	105	93
500-242450-7	DR-5A-0.5-1.5	107	103	104	92
500-242450-8	DR-5/6A-1.5-2.5	107	103	102	92
500-242450-9	DR-6/7A-3-4	110	105	107	92
500-242450-10	DR-3A-3-4	104	103	105	91
500-242450-11	DR-5/8A-2.5-3.5	107	103	105	91
500-242450-12	DR-7A-1-2	107	102	106	92
500-242450-13	DR-7/8A-2-3	109	103	106	93
500-242450-14	DR-9/12A-1.6-2.6	110	105	104	91
500-242450-15	DR-13/14A-1-2	107	104	106	92
500-242450-16	DR-10/11A-2-3	111	104	108	93
500-242450-17	DR-13/16A-3-4	108	104	105	92
500-242450-18	DR-13A-1-2	108	103	106	92
500-242450-19	DR-9A-2-3	108	102	105	93
500-242450-20	DR-9/10A-3-4	109	101	103	94
500-242450-21	DR-10A-2-3	109	102	102	95
500-242450-28	DR-2A-1.2-2.2	107	101	103	94
500-242450-29	DR-2/3A-2-3	109	102	102	95
500-242450-30	DR-1/2A-1.5-2.5	110	100	101	93
LB3 500-741762/21-A	Method Blank	101	88	93	96
LB3 500-741763/6-A	Method Blank	106	98	99	93
LCS 500-741762/22-A	Lab Control Sample	102	89	92	97
LCS 500-741763/7-A	Lab Control Sample	108	97	99	95
LCS 500-741985/4	Lab Control Sample	103	88	93	97
LCS 500-742005/4	Lab Control Sample	103	98	99	95
LCS 500-742225/4	Lab Control Sample	105	96	97	97
MB 500-741985/6	Method Blank	108	88	92	99
MB 500-742005/6	Method Blank	107	102	103	91
MB 500-742225/6	Method Blank	110	102	103	93

Surrogate Legend

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

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPHL	TBP
Lab Sample ID	Client Sample ID	(43-145)	(31-166)	(37-147)	(30-153)	(42-157)	(31-143)
500-242450-1	DR-2A-5-6	85	87	82	83	98	77

Surrogate Summary

Client: Tetra Tech GEO
Job ID: 500-242450-1
Project/Site: Beazer Oak Creek - Depot Rd

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPHL	TBP
Lab Sample ID	Client Sample ID	(43-145)	(31-166)	(37-147)	(30-153)	(42-157)	(31-143)
500-242450-1 MS	DR-2A-5-6	77	71	68	71	93	80
500-242450-1 MSD	DR-2A-5-6	79	79	75	77	96	81
500-242450-2	DR-2/3A-5-6	82	83	78	79	97	76
500-242450-3	DR-1/2A-5.5-6.5	82	81	76	81	94	79
500-242450-4	DR-1A-2-3	82	77	77	78	91	72
500-242450-5	DR-1/4A-2-3	78	77	74	74	90	67
500-242450-6	DR-3/4A-2-3	85	67	79	74	95	64
500-242450-7	DR-5A-0.5-1.5	83	76	76	78	91	73
500-242450-8	DR-5/6A-1.5-2.5	79	76	74	73	85	65
500-242450-9	DR-6/7A-3-4	80	73	75	74	100	71
500-242450-10	DR-3A-3-4	82	80	76	78	95	72
500-242450-11	DR-5/8A-2.5-3.5	77	77	73	75	97	70
500-242450-12	DR-7A-1-2	85	75	82	78	94	69
500-242450-13	DR-7/8A-2-3	83	83	80	80	97	72
500-242450-14	DR-9/12A-1.6-2.6	40 S1-	36	37	37	44	31
500-242450-15	DR-13/14A-1-2	82	82	77	79	93	74
500-242450-16	DR-10/11A-2-3	79	81	66	78	85	75
500-242450-17	DR-13/16A-3-4	76	79	72	74	88	69
500-242450-18	DR-13A-1-2	78	80	73	75	87	67
500-242450-19	DR-9A-2-3	79	78	74	75	94	74
500-242450-20	DR-9/10A-3-4	79	79	73	76	96	76
500-242450-21	DR-10A-2-3	85	80	81	84	89	79
500-242450-21 - DL	DR-10A-2-3	71	68	68	72	76	64
500-242450-28	DR-2A-1.2-2.2	82	76	76	79	90	82
500-242450-29	DR-2/3A-2-3	70	50	66	61	73	50
500-242450-30	DR-1/2A-1.5-2.5	77	68	75	74	92	74
500-242450-31	DR-10A 2-3 ASPHALT	60	58	58	60	60	48
500-242450-32	DR-2A 1.2-2.2 ASPHALT	52	51	51	53	50	42
LCS 500-742116/2-A	Lab Control Sample	87	89	81	86	99	87
LCS 500-742280/2-A	Lab Control Sample	87	88	81	85	101	86
MB 500-742116/1-A	Method Blank	90	93	86	89	104	81
MB 500-742280/1-A	Method Blank	87	92	83	86	101	77

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LB3 500-741762/21-A
Matrix: Solid
Analysis Batch: 741985

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 741762

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<7.3		13	7.3	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Bromobenzene	<18		50	18	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Bromochloromethane	<21		50	21	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Bromodichloromethane	<19		50	19	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Bromoform	<24		50	24	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Bromomethane	<40		150	40	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Carbon tetrachloride	<19		50	19	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Chlorobenzene	<19		50	19	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Chloroethane	<25		250	25	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Chloroform	<19		100	19	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Chloromethane	<16		250	16	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
2-Chlorotoluene	<16		50	16	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
4-Chlorotoluene	<18		50	18	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Dibromochloromethane	<24		50	24	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Dibromomethane	<14		50	14	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
1,1-Dichloroethane	<21		50	21	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
1,2-Dichloroethane	<20		50	20	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
1,1-Dichloroethene	<20		50	20	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
1,2-Dichloropropane	<21		50	21	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
1,3-Dichloropropane	<18		50	18	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
2,2-Dichloropropane	<22		250	22	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
1,1-Dichloropropene	<15		50	15	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
1,2-Dibromoethane (EDB)	<19		50	19	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Hexachlorobutadiene	<22		50	22	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Isopropylbenzene	<19		50	19	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Isopropyl ether	<14		50	14	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Methylene Chloride	<82		250	82	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Naphthalene	<17		50	17	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
n-Butylbenzene	<19		50	19	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
N-Propylbenzene	<21		50	21	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
p-Isopropyltoluene	<18		50	18	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
sec-Butylbenzene	<20		50	20	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Styrene	<19		50	19	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
tert-Butylbenzene	<20		50	20	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Tetrachloroethene	<19		50	19	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Toluene	<7.4		13	7.4	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		11/13/23 03:00	11/14/23 00:05	50

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

Lab Sample ID: LB3 500-741762/21-A
Matrix: Solid
Analysis Batch: 741985

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 741762

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Trichloroethene	<8.2		25	8.2	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Trichlorofluoromethane	<21		50	21	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Vinyl chloride	<13		50	13	ug/Kg		11/13/23 03:00	11/14/23 00:05	50
Xylenes, Total	<11		25	11	ug/Kg		11/13/23 03:00	11/14/23 00:05	50

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*72 - 124*	*11/13/23 03:00*	*11/14/23 00:05*	*50*
Dibromofluoromethane	*88*		*75 - 120*	*11/13/23 03:00*	*11/14/23 00:05*	*50*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*	*11/13/23 03:00*	*11/14/23 00:05*	*50*
Toluene-d8 (Surr)	*96*		*75 - 120*	*11/13/23 03:00*	*11/14/23 00:05*	*50*

Lab Sample ID: LCS 500-741762/22-A
Matrix: Solid
Analysis Batch: 741985

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 741762

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	2500	2230		ug/Kg		89	70 - 120
Bromobenzene	2500	2340		ug/Kg		93	70 - 122
Bromochloromethane	2500	2090		ug/Kg		83	65 - 122
Bromodichloromethane	2500	2010		ug/Kg		80	69 - 120
Bromoform	2500	1810		ug/Kg		72	56 - 132
Bromomethane	2500	1520		ug/Kg		61	40 - 152
Carbon tetrachloride	2500	2030		ug/Kg		81	59 - 133
Chlorobenzene	2500	2270		ug/Kg		91	70 - 120
Chloroethane	2500	2340		ug/Kg		94	48 - 136
Chloroform	2500	2050		ug/Kg		82	70 - 120
Chloromethane	2500	2220		ug/Kg		89	56 - 152
2-Chlorotoluene	2500	2280		ug/Kg		91	70 - 125
4-Chlorotoluene	2500	2270		ug/Kg		91	68 - 124
cis-1,2-Dichloroethene	2500	2150		ug/Kg		86	70 - 125
cis-1,3-Dichloropropene	2500	2140		ug/Kg		86	64 - 127
Dibromochloromethane	2500	1960		ug/Kg		78	68 - 125
1,2-Dibromo-3-Chloropropane	2500	1720		ug/Kg		69	56 - 123
Dibromomethane	2500	1970		ug/Kg		79	70 - 120
1,2-Dichlorobenzene	2500	2140		ug/Kg		85	70 - 125
1,3-Dichlorobenzene	2500	2210		ug/Kg		88	70 - 125
1,4-Dichlorobenzene	2500	2150		ug/Kg		86	70 - 120
Dichlorodifluoromethane	2500	1080		ug/Kg		43	40 - 159
1,1-Dichloroethane	2500	2410		ug/Kg		97	70 - 125
1,2-Dichloroethane	2500	2260		ug/Kg		90	68 - 127

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

Lab Sample ID: LCS 500-741762/22-A
Matrix: Solid
Analysis Batch: 741985

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 741762

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	2500	2020		ug/Kg		81	67 - 122
1,2-Dichloropropane	2500	2670		ug/Kg		107	67 - 130
1,3-Dichloropropane	2500	2230		ug/Kg		89	62 - 136
2,2-Dichloropropane	2500	2050		ug/Kg		82	58 - 139
1,1-Dichloropropene	2500	2230		ug/Kg		89	70 - 121
Ethylbenzene	2500	2220		ug/Kg		89	70 - 123
1,2-Dibromoethane (EDB)	2500	2070		ug/Kg		83	70 - 125
Hexachlorobutadiene	2500	2650		ug/Kg		106	51 - 150
Isopropylbenzene	2500	2370		ug/Kg		95	70 - 126
Methylene Chloride	2500	2030		ug/Kg		81	69 - 125
Methyl tert-butyl ether	2500	2140		ug/Kg		86	55 - 123
Naphthalene	2500	1820		ug/Kg		73	53 - 144
n-Butylbenzene	2500	2160		ug/Kg		86	68 - 125
N-Propylbenzene	2500	2290		ug/Kg		92	69 - 127
p-Isopropyltoluene	2500	2340		ug/Kg		94	70 - 125
sec-Butylbenzene	2500	2340		ug/Kg		94	70 - 123
Styrene	2500	2160		ug/Kg		86	70 - 120
tert-Butylbenzene	2500	2410		ug/Kg		96	70 - 121
1,1,1,2-Tetrachloroethane	2500	2050		ug/Kg		82	70 - 125
1,1,2,2-Tetrachloroethane	2500	2010		ug/Kg		80	62 - 140
Tetrachloroethene	2500	2430		ug/Kg		97	70 - 128
Toluene	2500	2110		ug/Kg		84	70 - 125
trans-1,2-Dichloroethene	2500	2100		ug/Kg		84	70 - 125
trans-1,3-Dichloropropene	2500	2030		ug/Kg		81	62 - 128
1,2,3-Trichlorobenzene	2500	1840		ug/Kg		74	51 - 145
1,2,4-Trichlorobenzene	2500	1960		ug/Kg		78	57 - 137
1,1,1-Trichloroethane	2500	2110		ug/Kg		84	70 - 125
1,1,2-Trichloroethane	2500	2090		ug/Kg		84	71 - 130
Trichloroethene	2500	2300		ug/Kg		92	70 - 125
Trichlorofluoromethane	2500	1950		ug/Kg		78	55 - 128
1,2,3-Trichloropropane	2500	2130		ug/Kg		85	50 - 133
1,2,4-Trimethylbenzene	2500	2330		ug/Kg		93	70 - 123
1,3,5-Trimethylbenzene	2500	2350		ug/Kg		94	70 - 123
Vinyl chloride	2500	2020		ug/Kg		81	64 - 126
Xylenes, Total	5000	4400		ug/Kg		88	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*72 - 124*
Dibromofluoromethane	*89*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*
Toluene-d8 (Surr)	*97*		*75 - 120*

Lab Sample ID: 500-242450-1 MS
Matrix: Solid
Analysis Batch: 742005

Client Sample ID: DR-2A-5-6
Prep Type: Total/NA
Prep Batch: 741762

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<10		3420	3200		ug/Kg	☼	93	70 - 120

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

Lab Sample ID: 500-242450-1 MS
Matrix: Solid
Analysis Batch: 742005

Client Sample ID: DR-2A-5-6
Prep Type: Total/NA
Prep Batch: 741762

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bromobenzene	<24		3420	3300		ug/Kg	☼	96	70 - 122
Bromochloromethane	<29		3420	3180		ug/Kg	☼	93	65 - 122
Bromodichloromethane	<25		3420	3450		ug/Kg	☼	101	69 - 120
Bromoform	<33		3420	3650		ug/Kg	☼	106	56 - 132
Bromomethane	<55	F1	3420	5420	F1	ug/Kg	☼	158	40 - 152
Carbon tetrachloride	<26		3420	3630		ug/Kg	☼	106	59 - 133
Chlorobenzene	<26		3420	3190		ug/Kg	☼	93	70 - 120
Chloroethane	<35		3420	4210		ug/Kg	☼	123	48 - 136
Chloroform	<25		3420	3130		ug/Kg	☼	91	70 - 120
Chloromethane	<22		3420	4570		ug/Kg	☼	134	56 - 152
2-Chlorotoluene	<22		3420	3430		ug/Kg	☼	100	70 - 125
4-Chlorotoluene	<24		3420	3500		ug/Kg	☼	102	68 - 124
cis-1,2-Dichloroethene	<28		3420	3160		ug/Kg	☼	92	70 - 125
cis-1,3-Dichloropropene	<28		3420	3150		ug/Kg	☼	92	64 - 127
Dibromochloromethane	<33		3420	3640		ug/Kg	☼	106	68 - 125
1,2-Dibromo-3-Chloropropane	<140		3420	3270		ug/Kg	☼	96	56 - 123
Dibromomethane	<18		3420	3290		ug/Kg	☼	96	70 - 120
1,2-Dichlorobenzene	<23		3420	3140		ug/Kg	☼	92	70 - 125
1,3-Dichlorobenzene	<27		3420	3110		ug/Kg	☼	91	70 - 125
1,4-Dichlorobenzene	<25		3420	3070		ug/Kg	☼	90	70 - 120
Dichlorodifluoromethane	<46		3420	3890		ug/Kg	☼	114	40 - 159
1,1-Dichloroethane	<28		3420	3460		ug/Kg	☼	101	70 - 125
1,2-Dichloroethane	<27		3420	3440		ug/Kg	☼	100	68 - 127
1,1-Dichloroethene	<27		3420	3110		ug/Kg	☼	91	67 - 122
1,2-Dichloropropane	<29		3420	3420		ug/Kg	☼	100	67 - 130
1,3-Dichloropropane	<25		3420	3290		ug/Kg	☼	96	62 - 136
2,2-Dichloropropane	<30		3420	3800		ug/Kg	☼	111	58 - 139
1,1-Dichloropropene	<20		3420	3230		ug/Kg	☼	94	70 - 121
Ethylbenzene	<13		3420	3110		ug/Kg	☼	91	70 - 123
1,2-Dibromoethane (EDB)	<26		3420	3070		ug/Kg	☼	90	70 - 125
Hexachlorobutadiene	<31		3420	2080		ug/Kg	☼	61	51 - 150
Isopropylbenzene	<26		3420	3310		ug/Kg	☼	97	70 - 126
Methylene Chloride	<110		3420	3230		ug/Kg	☼	94	69 - 125
Methyl tert-butyl ether	<27		3420	2740		ug/Kg	☼	80	55 - 123
Naphthalene	<23		3420	2150		ug/Kg	☼	63	53 - 144
n-Butylbenzene	<27		3420	3080		ug/Kg	☼	90	68 - 125
N-Propylbenzene	<28		3420	3470		ug/Kg	☼	101	69 - 127
p-Isopropyltoluene	<25		3420	3290		ug/Kg	☼	96	70 - 125
sec-Butylbenzene	<27		3420	3300		ug/Kg	☼	96	70 - 123
Styrene	<26		3420	3320		ug/Kg	☼	97	70 - 120
tert-Butylbenzene	<27		3420	3300		ug/Kg	☼	96	70 - 121
1,1,1,2-Tetrachloroethane	<32		3420	3240		ug/Kg	☼	95	70 - 125
1,1,2,2-Tetrachloroethane	<27		3420	3370		ug/Kg	☼	98	62 - 140
Tetrachloroethene	<25		3420	2800		ug/Kg	☼	82	70 - 128
Toluene	<10		3420	3270		ug/Kg	☼	95	70 - 125
trans-1,2-Dichloroethene	<24		3420	3190		ug/Kg	☼	93	70 - 125
trans-1,3-Dichloropropene	<25		3420	3270		ug/Kg	☼	96	62 - 128
1,2,3-Trichlorobenzene	<31		3420	1990		ug/Kg	☼	58	51 - 145
1,2,4-Trichlorobenzene	<23		3420	2050		ug/Kg	☼	60	57 - 137

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

Lab Sample ID: 500-242450-1 MS
Matrix: Solid
Analysis Batch: 742005

Client Sample ID: DR-2A-5-6
Prep Type: Total/NA
Prep Batch: 741762

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	<26		3420	3150		ug/Kg	☼	92	70 - 125
1,1,2-Trichloroethane	<24		3420	3140		ug/Kg	☼	92	71 - 130
Trichloroethene	24	J B	3420	3170		ug/Kg	☼	92	70 - 125
Trichlorofluoromethane	<29		3420	3740		ug/Kg	☼	109	55 - 128
1,2,3-Trichloropropane	<28		3420	3400		ug/Kg	☼	99	50 - 133
1,2,4-Trimethylbenzene	<25		3420	3390		ug/Kg	☼	99	70 - 123
1,3,5-Trimethylbenzene	<26		3420	3390		ug/Kg	☼	99	70 - 123
Vinyl chloride	<18		3420	4100		ug/Kg	☼	120	64 - 126
Xylenes, Total	<15		6850	6420		ug/Kg	☼	94	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*72 - 124*
Dibromofluoromethane	*99*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*
Toluene-d8 (Surr)	*95*		*75 - 120*

Lab Sample ID: 500-242450-1 MSD
Matrix: Solid
Analysis Batch: 742005

Client Sample ID: DR-2A-5-6
Prep Type: Total/NA
Prep Batch: 741762

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<10		3420	3190		ug/Kg	☼	93	70 - 120	0	30
Bromobenzene	<24		3420	3290		ug/Kg	☼	96	70 - 122	0	30
Bromochloromethane	<29		3420	3200		ug/Kg	☼	93	65 - 122	1	30
Bromodichloromethane	<25		3420	3500		ug/Kg	☼	102	69 - 120	1	30
Bromoform	<33		3420	3750		ug/Kg	☼	110	56 - 132	3	30
Bromomethane	<55	F1	3420	5190		ug/Kg	☼	152	40 - 152	4	30
Carbon tetrachloride	<26		3420	3650		ug/Kg	☼	107	59 - 133	1	30
Chlorobenzene	<26		3420	3210		ug/Kg	☼	94	70 - 120	1	30
Chloroethane	<35		3420	4460		ug/Kg	☼	130	48 - 136	6	30
Chloroform	<25		3420	3180		ug/Kg	☼	93	70 - 120	1	30
Chloromethane	<22		3420	4580		ug/Kg	☼	134	56 - 152	0	30
2-Chlorotoluene	<22		3420	3440		ug/Kg	☼	100	70 - 125	0	30
4-Chlorotoluene	<24		3420	3470		ug/Kg	☼	101	68 - 124	1	30
cis-1,2-Dichloroethene	<28		3420	3220		ug/Kg	☼	94	70 - 125	2	30
cis-1,3-Dichloropropene	<28		3420	3200		ug/Kg	☼	94	64 - 127	2	30
Dibromochloromethane	<33		3420	3640		ug/Kg	☼	106	68 - 125	0	30
1,2-Dibromo-3-Chloropropane	<140		3420	3360		ug/Kg	☼	98	56 - 123	3	30
Dibromomethane	<18		3420	3260		ug/Kg	☼	95	70 - 120	1	30
1,2-Dichlorobenzene	<23		3420	3170		ug/Kg	☼	93	70 - 125	1	30
1,3-Dichlorobenzene	<27		3420	3130		ug/Kg	☼	91	70 - 125	1	30
1,4-Dichlorobenzene	<25		3420	3120		ug/Kg	☼	91	70 - 120	1	30
Dichlorodifluoromethane	<46		3420	3920		ug/Kg	☼	114	40 - 159	1	30
1,1-Dichloroethane	<28		3420	3530		ug/Kg	☼	103	70 - 125	2	30
1,2-Dichloroethane	<27		3420	3440		ug/Kg	☼	101	68 - 127	0	30
1,1-Dichloroethene	<27		3420	3130		ug/Kg	☼	91	67 - 122	1	30
1,2-Dichloropropane	<29		3420	3460		ug/Kg	☼	101	67 - 130	1	30
1,3-Dichloropropane	<25		3420	3380		ug/Kg	☼	99	62 - 136	3	30

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

Lab Sample ID: 500-242450-1 MSD
Matrix: Solid
Analysis Batch: 742005

Client Sample ID: DR-2A-5-6
Prep Type: Total/NA
Prep Batch: 741762

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,2-Dichloropropane	<30		3420	3970		ug/Kg	☼	116	58 - 139	5	30
1,1-Dichloropropene	<20		3420	3240		ug/Kg	☼	95	70 - 121	0	30
Ethylbenzene	<13		3420	3180		ug/Kg	☼	93	70 - 123	2	30
1,2-Dibromoethane (EDB)	<26		3420	3190		ug/Kg	☼	93	70 - 125	4	30
Hexachlorobutadiene	<31		3420	2260		ug/Kg	☼	66	51 - 150	8	30
Isopropylbenzene	<26		3420	3290		ug/Kg	☼	96	70 - 126	0	30
Methylene Chloride	<110		3420	3240		ug/Kg	☼	95	69 - 125	0	30
Methyl tert-butyl ether	<27		3420	2860		ug/Kg	☼	84	55 - 123	5	30
Naphthalene	<23		3420	2520		ug/Kg	☼	74	53 - 144	16	30
n-Butylbenzene	<27		3420	3150		ug/Kg	☼	92	68 - 125	2	30
N-Propylbenzene	<28		3420	3450		ug/Kg	☼	101	69 - 127	0	30
p-Isopropyltoluene	<25		3420	3330		ug/Kg	☼	97	70 - 125	1	30
sec-Butylbenzene	<27		3420	3310		ug/Kg	☼	97	70 - 123	1	30
Styrene	<26		3420	3350		ug/Kg	☼	98	70 - 120	1	30
tert-Butylbenzene	<27		3420	3310		ug/Kg	☼	97	70 - 121	0	30
1,1,1,2-Tetrachloroethane	<32		3420	3320		ug/Kg	☼	97	70 - 125	2	30
1,1,2,2-Tetrachloroethane	<27		3420	3460		ug/Kg	☼	101	62 - 140	3	30
Tetrachloroethene	<25		3420	2820		ug/Kg	☼	82	70 - 128	0	30
Toluene	<10		3420	3290		ug/Kg	☼	96	70 - 125	1	30
trans-1,2-Dichloroethene	<24		3420	3260		ug/Kg	☼	95	70 - 125	2	30
trans-1,3-Dichloropropene	<25		3420	3290		ug/Kg	☼	96	62 - 128	0	30
1,2,3-Trichlorobenzene	<31		3420	2330		ug/Kg	☼	68	51 - 145	15	30
1,2,4-Trichlorobenzene	<23		3420	2220		ug/Kg	☼	65	57 - 137	8	30
1,1,1-Trichloroethane	<26		3420	3240		ug/Kg	☼	95	70 - 125	3	30
1,1,2-Trichloroethane	<24		3420	3170		ug/Kg	☼	93	71 - 130	1	30
Trichloroethene	24	J B	3420	3100		ug/Kg	☼	90	70 - 125	2	30
Trichlorofluoromethane	<29		3420	3760		ug/Kg	☼	110	55 - 128	1	30
1,2,3-Trichloropropane	<28		3420	3510		ug/Kg	☼	102	50 - 133	3	30
1,2,4-Trimethylbenzene	<25		3420	3440		ug/Kg	☼	100	70 - 123	2	30
1,3,5-Trimethylbenzene	<26		3420	3430		ug/Kg	☼	100	70 - 123	1	30
Vinyl chloride	<18		3420	4200		ug/Kg	☼	123	64 - 126	3	30
Xylenes, Total	<15		6850	6510		ug/Kg	☼	95	70 - 125	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*
Dibromofluoromethane	*99*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*
Toluene-d8 (Surr)	*95*		*75 - 120*

Lab Sample ID: LB3 500-741763/6-A
Matrix: Solid
Analysis Batch: 742225

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 741763

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<7.3		13	7.3	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Bromobenzene	<18		50	18	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Bromochloromethane	<21		50	21	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Bromodichloromethane	<19		50	19	ug/Kg		11/13/23 03:00	11/15/23 11:37	50

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

Lab Sample ID: LB3 500-741763/6-A
Matrix: Solid
Analysis Batch: 742225

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 741763

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	<24		50	24	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Bromomethane	<40		150	40	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Carbon tetrachloride	<19		50	19	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Chlorobenzene	<19		50	19	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Chloroethane	<25		250	25	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Chloroform	33.8	J	100	19	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Chloromethane	<16		250	16	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
2-Chlorotoluene	<16		50	16	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
4-Chlorotoluene	<18		50	18	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Dibromochloromethane	<24		50	24	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Dibromomethane	<14		50	14	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
1,1-Dichloroethane	<21		50	21	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
1,2-Dichloroethane	<20		50	20	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
1,1-Dichloroethene	<20		50	20	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
1,2-Dichloropropane	<21		50	21	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
1,3-Dichloropropane	<18		50	18	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
2,2-Dichloropropane	<22		250	22	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
1,1-Dichloropropene	<15		50	15	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
1,2-Dibromoethane (EDB)	<19		50	19	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Hexachlorobutadiene	<22		50	22	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Isopropylbenzene	<19		50	19	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Isopropyl ether	<14		50	14	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Methylene Chloride	90.2	J	250	82	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Naphthalene	<17		50	17	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
n-Butylbenzene	<19		50	19	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
N-Propylbenzene	<21		50	21	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
p-Isopropyltoluene	<18		50	18	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
sec-Butylbenzene	<20		50	20	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Styrene	<19		50	19	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
tert-Butylbenzene	<20		50	20	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Tetrachloroethene	<19		50	19	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Toluene	<7.4		13	7.4	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		11/13/23 03:00	11/15/23 11:37	50

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

Lab Sample ID: LB3 500-741763/6-A
Matrix: Solid
Analysis Batch: 742225

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 741763

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<8.2		25	8.2	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Trichlorofluoromethane	<21		50	21	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Vinyl chloride	<13		50	13	ug/Kg		11/13/23 03:00	11/15/23 11:37	50
Xylenes, Total	<11		25	11	ug/Kg		11/13/23 03:00	11/15/23 11:37	50

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*72 - 124*	*11/13/23 03:00*	*11/15/23 11:37*	*50*
Dibromofluoromethane	*98*		*75 - 120*	*11/13/23 03:00*	*11/15/23 11:37*	*50*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*	*11/13/23 03:00*	*11/15/23 11:37*	*50*
Toluene-d8 (Surr)	*93*		*75 - 120*	*11/13/23 03:00*	*11/15/23 11:37*	*50*

Lab Sample ID: LCS 500-741763/7-A
Matrix: Solid
Analysis Batch: 742225

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 741763

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	2500	2960		ug/Kg		118	70 - 120
Bromobenzene	2500	3240	*+	ug/Kg		129	70 - 122
Bromochloromethane	2500	2920		ug/Kg		117	65 - 122
Bromodichloromethane	2500	3220	*+	ug/Kg		129	69 - 120
Bromoform	2500	3460	*+	ug/Kg		138	56 - 132
Bromomethane	2500	4070	*+	ug/Kg		163	40 - 152
Carbon tetrachloride	2500	3310		ug/Kg		132	59 - 133
Chlorobenzene	2500	2990		ug/Kg		119	70 - 120
Chloroethane	2500	3240		ug/Kg		129	48 - 136
Chloroform	2500	2960		ug/Kg		118	70 - 120
Chloromethane	2500	2560		ug/Kg		103	56 - 152
2-Chlorotoluene	2500	3340	*+	ug/Kg		134	70 - 125
4-Chlorotoluene	2500	3380	*+	ug/Kg		135	68 - 124
cis-1,2-Dichloroethene	2500	3040		ug/Kg		121	70 - 125
cis-1,3-Dichloropropene	2500	3080		ug/Kg		123	64 - 127
Dibromochloromethane	2500	3460	*+	ug/Kg		138	68 - 125
1,2-Dibromo-3-Chloropropane	2500	3310	*+	ug/Kg		132	56 - 123
Dibromomethane	2500	2940		ug/Kg		118	70 - 120
1,2-Dichlorobenzene	2500	2980		ug/Kg		119	70 - 125
1,3-Dichlorobenzene	2500	2970		ug/Kg		119	70 - 125
1,4-Dichlorobenzene	2500	2970		ug/Kg		119	70 - 120
Dichlorodifluoromethane	2500	1230		ug/Kg		49	40 - 159
1,1-Dichloroethane	2500	3270	*+	ug/Kg		131	70 - 125
1,2-Dichloroethane	2500	3190	*+	ug/Kg		128	68 - 127
1,1-Dichloroethene	2500	2780		ug/Kg		111	67 - 122
1,2-Dichloropropane	2500	3230		ug/Kg		129	67 - 130
1,3-Dichloropropane	2500	3090		ug/Kg		124	62 - 136
2,2-Dichloropropane	2500	3690	*+	ug/Kg		148	58 - 139
1,1-Dichloropropene	2500	2980		ug/Kg		119	70 - 121

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

Lab Sample ID: LCS 500-741763/7-A
Matrix: Solid
Analysis Batch: 742225

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 741763

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	2500	2970		ug/Kg		119	70 - 123
1,2-Dibromoethane (EDB)	2500	2940		ug/Kg		118	70 - 125
Hexachlorobutadiene	2500	2050		ug/Kg		82	51 - 150
Isopropylbenzene	2500	3280	*+	ug/Kg		131	70 - 126
Methylene Chloride	2500	2920		ug/Kg		117	69 - 125
Methyl tert-butyl ether	2500	2740		ug/Kg		110	55 - 123
Naphthalene	2500	2610		ug/Kg		104	53 - 144
n-Butylbenzene	2500	3070		ug/Kg		123	68 - 125
N-Propylbenzene	2500	3370	*+	ug/Kg		135	69 - 127
p-Isopropyltoluene	2500	3250	*+	ug/Kg		130	70 - 125
sec-Butylbenzene	2500	3230	*+	ug/Kg		129	70 - 123
Styrene	2500	3130	*+	ug/Kg		125	70 - 120
tert-Butylbenzene	2500	3290	*+	ug/Kg		132	70 - 121
1,1,1,2-Tetrachloroethane	2500	3090		ug/Kg		124	70 - 125
1,1,2,2-Tetrachloroethane	2500	3240		ug/Kg		130	62 - 140
Tetrachloroethene	2500	2580		ug/Kg		103	70 - 128
Toluene	2500	3080		ug/Kg		123	70 - 125
trans-1,2-Dichloroethene	2500	2970		ug/Kg		119	70 - 125
trans-1,3-Dichloropropene	2500	3160		ug/Kg		127	62 - 128
1,2,3-Trichlorobenzene	2500	2050		ug/Kg		82	51 - 145
1,2,4-Trichlorobenzene	2500	2150		ug/Kg		86	57 - 137
1,1,1-Trichloroethane	2500	3020		ug/Kg		121	70 - 125
1,1,2-Trichloroethane	2500	2880		ug/Kg		115	71 - 130
Trichloroethene	2500	2890		ug/Kg		116	70 - 125
Trichlorofluoromethane	2500	2920		ug/Kg		117	55 - 128
1,2,3-Trichloropropane	2500	3290		ug/Kg		132	50 - 133
1,2,4-Trimethylbenzene	2500	3330	*+	ug/Kg		133	70 - 123
1,3,5-Trimethylbenzene	2500	3370	*+	ug/Kg		135	70 - 123
Vinyl chloride	2500	2650		ug/Kg		106	64 - 126
Xylenes, Total	5000	6140		ug/Kg		123	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*
Dibromofluoromethane	*97*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*
Toluene-d8 (Surr)	*95*		*75 - 120*

Lab Sample ID: MB 500-741985/6
Matrix: Solid
Analysis Batch: 741985

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.25	0.15	ug/Kg			11/13/23 23:40	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			11/13/23 23:40	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			11/13/23 23:40	1
Bromodichloromethane	<0.37		1.0	0.37	ug/Kg			11/13/23 23:40	1
Bromoform	<0.48		1.0	0.48	ug/Kg			11/13/23 23:40	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			11/13/23 23:40	1

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

Lab Sample ID: MB 500-741985/6
Matrix: Solid
Analysis Batch: 741985

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			11/13/23 23:40	1
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			11/13/23 23:40	1
Chloroethane	<0.50		5.0	0.50	ug/Kg			11/13/23 23:40	1
Chloroform	<0.37		2.0	0.37	ug/Kg			11/13/23 23:40	1
Chloromethane	<0.32		5.0	0.32	ug/Kg			11/13/23 23:40	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			11/13/23 23:40	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			11/13/23 23:40	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			11/13/23 23:40	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			11/13/23 23:40	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			11/13/23 23:40	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			11/13/23 23:40	1
Dibromomethane	<0.27		1.0	0.27	ug/Kg			11/13/23 23:40	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			11/13/23 23:40	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			11/13/23 23:40	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			11/13/23 23:40	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			11/13/23 23:40	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			11/13/23 23:40	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			11/13/23 23:40	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			11/13/23 23:40	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			11/13/23 23:40	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			11/13/23 23:40	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/Kg			11/13/23 23:40	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			11/13/23 23:40	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			11/13/23 23:40	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/Kg			11/13/23 23:40	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			11/13/23 23:40	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			11/13/23 23:40	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			11/13/23 23:40	1
Methylene Chloride	<1.6		5.0	1.6	ug/Kg			11/13/23 23:40	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			11/13/23 23:40	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			11/13/23 23:40	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			11/13/23 23:40	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			11/13/23 23:40	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			11/13/23 23:40	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			11/13/23 23:40	1
Styrene	<0.39		1.0	0.39	ug/Kg			11/13/23 23:40	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			11/13/23 23:40	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			11/13/23 23:40	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			11/13/23 23:40	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			11/13/23 23:40	1
Toluene	<0.15		0.25	0.15	ug/Kg			11/13/23 23:40	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			11/13/23 23:40	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			11/13/23 23:40	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			11/13/23 23:40	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			11/13/23 23:40	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			11/13/23 23:40	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			11/13/23 23:40	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			11/13/23 23:40	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			11/13/23 23:40	1

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

Lab Sample ID: MB 500-741985/6
Matrix: Solid
Analysis Batch: 741985

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			11/13/23 23:40	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			11/13/23 23:40	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			11/13/23 23:40	1
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			11/13/23 23:40	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			11/13/23 23:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*		*11/13/23 23:40*	*1*
Dibromofluoromethane	*88*		*75 - 120*		*11/13/23 23:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*11/13/23 23:40*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*11/13/23 23:40*	*1*

Lab Sample ID: LCS 500-741985/4
Matrix: Solid
Analysis Batch: 741985

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	45.6		ug/Kg		91	70 - 120
Bromobenzene	50.0	48.5		ug/Kg		97	70 - 122
Bromochloromethane	50.0	42.6		ug/Kg		85	65 - 122
Bromodichloromethane	50.0	41.8		ug/Kg		84	69 - 120
Bromoform	50.0	40.7		ug/Kg		81	56 - 132
Bromomethane	50.0	42.5		ug/Kg		85	40 - 152
Carbon tetrachloride	50.0	43.1		ug/Kg		86	59 - 133
Chlorobenzene	50.0	46.4		ug/Kg		93	70 - 120
Chloroethane	50.0	51.3		ug/Kg		103	48 - 136
Chloroform	50.0	41.9		ug/Kg		84	70 - 120
Chloromethane	50.0	55.4		ug/Kg		111	56 - 152
2-Chlorotoluene	50.0	47.3		ug/Kg		95	70 - 125
4-Chlorotoluene	50.0	47.3		ug/Kg		95	68 - 124
cis-1,2-Dichloroethene	50.0	44.0		ug/Kg		88	70 - 125
cis-1,3-Dichloropropene	50.0	45.0		ug/Kg		90	64 - 127
Dibromochloromethane	50.0	42.2		ug/Kg		84	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	36.1		ug/Kg		72	56 - 123
Dibromomethane	50.0	39.8		ug/Kg		80	70 - 120
1,2-Dichlorobenzene	50.0	43.9		ug/Kg		88	70 - 125
1,3-Dichlorobenzene	50.0	45.7		ug/Kg		91	70 - 125
1,4-Dichlorobenzene	50.0	44.5		ug/Kg		89	70 - 120
Dichlorodifluoromethane	50.0	35.5		ug/Kg		71	40 - 159
1,1-Dichloroethane	50.0	49.7		ug/Kg		99	70 - 125
1,2-Dichloroethane	50.0	46.6		ug/Kg		93	68 - 127
1,1-Dichloroethene	50.0	43.8		ug/Kg		88	67 - 122
1,2-Dichloropropane	50.0	53.6		ug/Kg		107	67 - 130
1,3-Dichloropropane	50.0	46.4		ug/Kg		93	62 - 136
2,2-Dichloropropane	50.0	44.3		ug/Kg		89	58 - 139
1,1-Dichloropropene	50.0	45.8		ug/Kg		92	70 - 121
Ethylbenzene	50.0	45.2		ug/Kg		90	70 - 123
1,2-Dibromoethane (EDB)	50.0	43.9		ug/Kg		88	70 - 125

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

Lab Sample ID: LCS 500-741985/4
Matrix: Solid
Analysis Batch: 741985

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorobutadiene	50.0	46.8		ug/Kg		94	51 - 150
Isopropylbenzene	50.0	48.7		ug/Kg		97	70 - 126
Methylene Chloride	50.0	41.4		ug/Kg		83	69 - 125
Methyl tert-butyl ether	50.0	44.7		ug/Kg		89	55 - 123
Naphthalene	50.0	33.4		ug/Kg		67	53 - 144
n-Butylbenzene	50.0	42.6		ug/Kg		85	68 - 125
N-Propylbenzene	50.0	47.4		ug/Kg		95	69 - 127
p-Isopropyltoluene	50.0	46.2		ug/Kg		92	70 - 125
sec-Butylbenzene	50.0	46.4		ug/Kg		93	70 - 123
Styrene	50.0	43.6		ug/Kg		87	70 - 120
tert-Butylbenzene	50.0	47.6		ug/Kg		95	70 - 121
1,1,1,2-Tetrachloroethane	50.0	41.8		ug/Kg		84	70 - 125
1,1,2,2-Tetrachloroethane	50.0	42.3		ug/Kg		85	62 - 140
Tetrachloroethene	50.0	50.4		ug/Kg		101	70 - 128
Toluene	50.0	43.0		ug/Kg		86	70 - 125
trans-1,2-Dichloroethene	50.0	43.4		ug/Kg		87	70 - 125
trans-1,3-Dichloropropene	50.0	44.0		ug/Kg		88	62 - 128
1,2,3-Trichlorobenzene	50.0	34.8		ug/Kg		70	51 - 145
1,2,4-Trichlorobenzene	50.0	37.9		ug/Kg		76	57 - 137
1,1,1-Trichloroethane	50.0	43.7		ug/Kg		87	70 - 125
1,1,2-Trichloroethane	50.0	43.1		ug/Kg		86	71 - 130
Trichloroethene	50.0	46.0		ug/Kg		92	70 - 125
Trichlorofluoromethane	50.0	42.9		ug/Kg		86	55 - 128
1,2,3-Trichloropropane	50.0	45.2		ug/Kg		90	50 - 133
1,2,4-Trimethylbenzene	50.0	46.4		ug/Kg		93	70 - 123
1,3,5-Trimethylbenzene	50.0	47.4		ug/Kg		95	70 - 123
Vinyl chloride	50.0	47.7		ug/Kg		95	64 - 126
Xylenes, Total	100	88.8		ug/Kg		89	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*
Dibromofluoromethane	*88*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*
Toluene-d8 (Surr)	*97*		*75 - 120*

Lab Sample ID: MB 500-742005/6
Matrix: Solid
Analysis Batch: 742005

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.25	0.15	ug/Kg			11/14/23 10:59	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			11/14/23 10:59	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			11/14/23 10:59	1
Bromodichloromethane	<0.37		1.0	0.37	ug/Kg			11/14/23 10:59	1
Bromoform	<0.48		1.0	0.48	ug/Kg			11/14/23 10:59	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			11/14/23 10:59	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			11/14/23 10:59	1
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			11/14/23 10:59	1

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

Lab Sample ID: MB 500-742005/6
Matrix: Solid
Analysis Batch: 742005

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	<0.50		5.0	0.50	ug/Kg			11/14/23 10:59	1
Chloroform	<0.37		2.0	0.37	ug/Kg			11/14/23 10:59	1
Chloromethane	<0.32		5.0	0.32	ug/Kg			11/14/23 10:59	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			11/14/23 10:59	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			11/14/23 10:59	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			11/14/23 10:59	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			11/14/23 10:59	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			11/14/23 10:59	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			11/14/23 10:59	1
Dibromomethane	<0.27		1.0	0.27	ug/Kg			11/14/23 10:59	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			11/14/23 10:59	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			11/14/23 10:59	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			11/14/23 10:59	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			11/14/23 10:59	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			11/14/23 10:59	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			11/14/23 10:59	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			11/14/23 10:59	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			11/14/23 10:59	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			11/14/23 10:59	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/Kg			11/14/23 10:59	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			11/14/23 10:59	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			11/14/23 10:59	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/Kg			11/14/23 10:59	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			11/14/23 10:59	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			11/14/23 10:59	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			11/14/23 10:59	1
Methylene Chloride	<1.6		5.0	1.6	ug/Kg			11/14/23 10:59	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			11/14/23 10:59	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			11/14/23 10:59	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			11/14/23 10:59	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			11/14/23 10:59	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			11/14/23 10:59	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			11/14/23 10:59	1
Styrene	<0.39		1.0	0.39	ug/Kg			11/14/23 10:59	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			11/14/23 10:59	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			11/14/23 10:59	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			11/14/23 10:59	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			11/14/23 10:59	1
Toluene	<0.15		0.25	0.15	ug/Kg			11/14/23 10:59	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			11/14/23 10:59	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			11/14/23 10:59	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			11/14/23 10:59	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			11/14/23 10:59	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			11/14/23 10:59	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			11/14/23 10:59	1
Trichloroethene	0.376	J	0.50	0.16	ug/Kg			11/14/23 10:59	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			11/14/23 10:59	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			11/14/23 10:59	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			11/14/23 10:59	1

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

Lab Sample ID: MB 500-742005/6
Matrix: Solid
Analysis Batch: 742005

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			11/14/23 10:59	1
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			11/14/23 10:59	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			11/14/23 10:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*		*11/14/23 10:59*	*1*
Dibromofluoromethane	*102*		*75 - 120*		*11/14/23 10:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*		*11/14/23 10:59*	*1*
Toluene-d8 (Surr)	*91*		*75 - 120*		*11/14/23 10:59*	*1*

Lab Sample ID: LCS 500-742005/4
Matrix: Solid
Analysis Batch: 742005

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	45.1		ug/Kg		90	70 - 120
Bromobenzene	50.0	45.5		ug/Kg		91	70 - 122
Bromochloromethane	50.0	44.3		ug/Kg		89	65 - 122
Bromodichloromethane	50.0	48.4		ug/Kg		97	69 - 120
Bromoform	50.0	51.9		ug/Kg		104	56 - 132
Bromomethane	50.0	75.8		ug/Kg		152	40 - 152
Carbon tetrachloride	50.0	52.4		ug/Kg		105	59 - 133
Chlorobenzene	50.0	45.6		ug/Kg		91	70 - 120
Chloroethane	50.0	60.1		ug/Kg		120	48 - 136
Chloroform	50.0	45.0		ug/Kg		90	70 - 120
Chloromethane	50.0	51.3		ug/Kg		103	56 - 152
2-Chlorotoluene	50.0	48.6		ug/Kg		97	70 - 125
4-Chlorotoluene	50.0	49.7		ug/Kg		99	68 - 124
cis-1,2-Dichloroethene	50.0	45.6		ug/Kg		91	70 - 125
cis-1,3-Dichloropropene	50.0	45.2		ug/Kg		90	64 - 127
Dibromochloromethane	50.0	52.0		ug/Kg		104	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	47.0		ug/Kg		94	56 - 123
Dibromomethane	50.0	45.2		ug/Kg		90	70 - 120
1,2-Dichlorobenzene	50.0	44.7		ug/Kg		89	70 - 125
1,3-Dichlorobenzene	50.0	44.4		ug/Kg		89	70 - 125
1,4-Dichlorobenzene	50.0	44.5		ug/Kg		89	70 - 120
Dichlorodifluoromethane	50.0	32.7		ug/Kg		65	40 - 159
1,1-Dichloroethane	50.0	49.8		ug/Kg		100	70 - 125
1,2-Dichloroethane	50.0	48.4		ug/Kg		97	68 - 127
1,1-Dichloroethene	50.0	45.0		ug/Kg		90	67 - 122
1,2-Dichloropropane	50.0	48.4		ug/Kg		97	67 - 130
1,3-Dichloropropane	50.0	46.6		ug/Kg		93	62 - 136
2,2-Dichloropropane	50.0	58.0		ug/Kg		116	58 - 139
1,1-Dichloropropene	50.0	46.9		ug/Kg		94	70 - 121
Ethylbenzene	50.0	45.8		ug/Kg		92	70 - 123
1,2-Dibromoethane (EDB)	50.0	44.2		ug/Kg		88	70 - 125
Hexachlorobutadiene	50.0	32.4		ug/Kg		65	51 - 150
Isopropylbenzene	50.0	47.7		ug/Kg		95	70 - 126

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

Lab Sample ID: LCS 500-742005/4
Matrix: Solid
Analysis Batch: 742005

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	45.9		ug/Kg		92	69 - 125
Methyl tert-butyl ether	50.0	40.2		ug/Kg		80	55 - 123
Naphthalene	50.0	31.1		ug/Kg		62	53 - 144
n-Butylbenzene	50.0	46.7		ug/Kg		93	68 - 125
N-Propylbenzene	50.0	50.4		ug/Kg		101	69 - 127
p-Isopropyltoluene	50.0	49.2		ug/Kg		98	70 - 125
sec-Butylbenzene	50.0	48.5		ug/Kg		97	70 - 123
Styrene	50.0	47.7		ug/Kg		95	70 - 120
tert-Butylbenzene	50.0	48.8		ug/Kg		98	70 - 121
1,1,1,2-Tetrachloroethane	50.0	47.3		ug/Kg		95	70 - 125
1,1,2,2-Tetrachloroethane	50.0	47.2		ug/Kg		94	62 - 140
Tetrachloroethene	50.0	41.8		ug/Kg		84	70 - 128
Toluene	50.0	47.0		ug/Kg		94	70 - 125
trans-1,2-Dichloroethene	50.0	46.5		ug/Kg		93	70 - 125
trans-1,3-Dichloropropene	50.0	46.3		ug/Kg		93	62 - 128
1,2,3-Trichlorobenzene	50.0	29.8		ug/Kg		60	51 - 145
1,2,4-Trichlorobenzene	50.0	31.8		ug/Kg		64	57 - 137
1,1,1-Trichloroethane	50.0	47.1		ug/Kg		94	70 - 125
1,1,2-Trichloroethane	50.0	43.6		ug/Kg		87	71 - 130
Trichloroethene	50.0	45.2		ug/Kg		90	70 - 125
Trichlorofluoromethane	50.0	50.9		ug/Kg		102	55 - 128
1,2,3-Trichloropropane	50.0	48.8		ug/Kg		98	50 - 133
1,2,4-Trimethylbenzene	50.0	49.4		ug/Kg		99	70 - 123
1,3,5-Trimethylbenzene	50.0	49.6		ug/Kg		99	70 - 123
Vinyl chloride	50.0	50.9		ug/Kg		102	64 - 126
Xylenes, Total	100	94.4		ug/Kg		94	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*
Dibromofluoromethane	*98*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*
Toluene-d8 (Surr)	*95*		*75 - 120*

Lab Sample ID: MB 500-742225/6
Matrix: Solid
Analysis Batch: 742225

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.25	0.15	ug/Kg			11/15/23 11:13	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			11/15/23 11:13	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			11/15/23 11:13	1
Bromodichloromethane	<0.37		1.0	0.37	ug/Kg			11/15/23 11:13	1
Bromoform	<0.48		1.0	0.48	ug/Kg			11/15/23 11:13	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			11/15/23 11:13	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			11/15/23 11:13	1
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			11/15/23 11:13	1
Chloroethane	<0.50		5.0	0.50	ug/Kg			11/15/23 11:13	1
Chloroform	0.698	J	2.0	0.37	ug/Kg			11/15/23 11:13	1

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

Lab Sample ID: MB 500-742225/6
Matrix: Solid
Analysis Batch: 742225

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.32		5.0	0.32	ug/Kg			11/15/23 11:13	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			11/15/23 11:13	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			11/15/23 11:13	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			11/15/23 11:13	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			11/15/23 11:13	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			11/15/23 11:13	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			11/15/23 11:13	1
Dibromomethane	<0.27		1.0	0.27	ug/Kg			11/15/23 11:13	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			11/15/23 11:13	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			11/15/23 11:13	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			11/15/23 11:13	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			11/15/23 11:13	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			11/15/23 11:13	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			11/15/23 11:13	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			11/15/23 11:13	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			11/15/23 11:13	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			11/15/23 11:13	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/Kg			11/15/23 11:13	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			11/15/23 11:13	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			11/15/23 11:13	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/Kg			11/15/23 11:13	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			11/15/23 11:13	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			11/15/23 11:13	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			11/15/23 11:13	1
Methylene Chloride	<1.6		5.0	1.6	ug/Kg			11/15/23 11:13	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			11/15/23 11:13	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			11/15/23 11:13	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			11/15/23 11:13	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			11/15/23 11:13	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			11/15/23 11:13	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			11/15/23 11:13	1
Styrene	<0.39		1.0	0.39	ug/Kg			11/15/23 11:13	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			11/15/23 11:13	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			11/15/23 11:13	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			11/15/23 11:13	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			11/15/23 11:13	1
Toluene	<0.15		0.25	0.15	ug/Kg			11/15/23 11:13	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			11/15/23 11:13	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			11/15/23 11:13	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			11/15/23 11:13	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			11/15/23 11:13	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			11/15/23 11:13	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			11/15/23 11:13	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			11/15/23 11:13	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			11/15/23 11:13	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			11/15/23 11:13	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			11/15/23 11:13	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			11/15/23 11:13	1
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			11/15/23 11:13	1

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

Lab Sample ID: MB 500-742225/6
Matrix: Solid
Analysis Batch: 742225

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			11/15/23 11:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*11/15/23 11:13*	*1*
Dibromofluoromethane	*102*		*75 - 120*		*11/15/23 11:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*		*11/15/23 11:13*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*11/15/23 11:13*	*1*

Lab Sample ID: LCS 500-742225/4
Matrix: Solid
Analysis Batch: 742225

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	41.1		ug/Kg		82	70 - 120
Bromobenzene	50.0	43.2		ug/Kg		86	70 - 122
Bromochloromethane	50.0	39.9		ug/Kg		80	65 - 122
Bromodichloromethane	50.0	43.6		ug/Kg		87	69 - 120
Bromoform	50.0	48.7		ug/Kg		97	56 - 132
Bromomethane	50.0	81.8	*+	ug/Kg		164	40 - 152
Carbon tetrachloride	50.0	47.5		ug/Kg		95	59 - 133
Chlorobenzene	50.0	41.9		ug/Kg		84	70 - 120
Chloroethane	50.0	59.3		ug/Kg		119	48 - 136
Chloroform	50.0	40.6		ug/Kg		81	70 - 120
Chloromethane	50.0	59.7		ug/Kg		119	56 - 152
2-Chlorotoluene	50.0	46.6		ug/Kg		93	70 - 125
4-Chlorotoluene	50.0	47.6		ug/Kg		95	68 - 124
cis-1,2-Dichloroethene	50.0	40.5		ug/Kg		81	70 - 125
cis-1,3-Dichloropropene	50.0	42.2		ug/Kg		84	64 - 127
Dibromochloromethane	50.0	47.5		ug/Kg		95	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	44.2		ug/Kg		88	56 - 123
Dibromomethane	50.0	40.8		ug/Kg		82	70 - 120
1,2-Dichlorobenzene	50.0	41.7		ug/Kg		83	70 - 125
1,3-Dichlorobenzene	50.0	41.9		ug/Kg		84	70 - 125
1,4-Dichlorobenzene	50.0	42.6		ug/Kg		85	70 - 120
Dichlorodifluoromethane	50.0	49.8		ug/Kg		100	40 - 159
1,1-Dichloroethane	50.0	44.2		ug/Kg		88	70 - 125
1,2-Dichloroethane	50.0	43.0		ug/Kg		86	68 - 127
1,1-Dichloroethene	50.0	40.6		ug/Kg		81	67 - 122
1,2-Dichloropropane	50.0	43.5		ug/Kg		87	67 - 130
1,3-Dichloropropane	50.0	42.8		ug/Kg		86	62 - 136
2,2-Dichloropropane	50.0	55.0		ug/Kg		110	58 - 139
1,1-Dichloropropene	50.0	42.9		ug/Kg		86	70 - 121
Ethylbenzene	50.0	42.7		ug/Kg		85	70 - 123
1,2-Dibromoethane (EDB)	50.0	40.5		ug/Kg		81	70 - 125
Hexachlorobutadiene	50.0	29.8		ug/Kg		60	51 - 150
Isopropylbenzene	50.0	45.6		ug/Kg		91	70 - 126
Methylene Chloride	50.0	40.7		ug/Kg		81	69 - 125
Methyl tert-butyl ether	50.0	36.7		ug/Kg		73	55 - 123

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

Lab Sample ID: LCS 500-742225/4
Matrix: Solid
Analysis Batch: 742225

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Naphthalene	50.0	29.2		ug/Kg		58	53 - 144
n-Butylbenzene	50.0	45.1		ug/Kg		90	68 - 125
N-Propylbenzene	50.0	47.8		ug/Kg		96	69 - 127
p-Isopropyltoluene	50.0	46.5		ug/Kg		93	70 - 125
sec-Butylbenzene	50.0	46.0		ug/Kg		92	70 - 123
Styrene	50.0	43.9		ug/Kg		88	70 - 120
tert-Butylbenzene	50.0	46.0		ug/Kg		92	70 - 121
1,1,1,2-Tetrachloroethane	50.0	44.0		ug/Kg		88	70 - 125
1,1,2,2-Tetrachloroethane	50.0	45.4		ug/Kg		91	62 - 140
Tetrachloroethene	50.0	38.7		ug/Kg		77	70 - 128
Toluene	50.0	43.9		ug/Kg		88	70 - 125
trans-1,2-Dichloroethene	50.0	41.2		ug/Kg		82	70 - 125
trans-1,3-Dichloropropene	50.0	43.7		ug/Kg		87	62 - 128
1,2,3-Trichlorobenzene	50.0	27.6		ug/Kg		55	51 - 145
1,2,4-Trichlorobenzene	50.0	29.5		ug/Kg		59	57 - 137
1,1,1-Trichloroethane	50.0	42.5		ug/Kg		85	70 - 125
1,1,2-Trichloroethane	50.0	41.6		ug/Kg		83	71 - 130
Trichloroethene	50.0	41.1		ug/Kg		82	70 - 125
Trichlorofluoromethane	50.0	51.8		ug/Kg		104	55 - 128
1,2,3-Trichloropropane	50.0	45.7		ug/Kg		91	50 - 133
1,2,4-Trimethylbenzene	50.0	46.9		ug/Kg		94	70 - 123
1,3,5-Trimethylbenzene	50.0	47.0		ug/Kg		94	70 - 123
Vinyl chloride	50.0	57.1		ug/Kg		114	64 - 126
Xylenes, Total	100	86.8		ug/Kg		87	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*
Dibromofluoromethane	*96*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*
Toluene-d8 (Surr)	*97*		*75 - 120*

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

Lab Sample ID: MB 500-742116/1-A
Matrix: Solid
Analysis Batch: 742252

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 742116

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<6.8		33	6.8	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Acenaphthylene	<5.6		33	5.6	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Anthracene	<6.8		33	6.8	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Benzo[a]anthracene	<7.0		33	7.0	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Benzo[a]pyrene	<32		33	32	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Benzo[b]fluoranthene	<32		33	32	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Benzo[g,h,i]perylene	<7.2		33	7.2	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Benzoic acid	<200		1700	200	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Benzo[k]fluoranthene	<13		33	13	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Benzyl alcohol	<81		670	81	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Bis(2-chloroethoxy)methane	<12		170	12	ug/Kg		11/14/23 11:30	11/15/23 10:44	1

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

Lab Sample ID: MB 500-742116/1-A
Matrix: Solid
Analysis Batch: 742252

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 742116

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	<15		170	15	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Bis(2-ethylhexyl) phthalate	<130		170	130	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
4-Bromophenyl phenyl ether	<23		170	23	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Butyl benzyl phthalate	<17		170	17	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Carbazole	<13		170	13	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
4-Chloroaniline	<350		670	350	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
4-Chloro-3-methylphenol	<13		330	13	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
2-Chloronaphthalene	<12		170	12	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
2-Chlorophenol	<11		170	11	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
4-Chlorophenyl phenyl ether	<44		170	44	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Chrysene	<8.8		33	8.8	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Dibenz(a,h)anthracene	<33		33	33	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Dibenzofuran	<12		170	12	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
1,2-Dichlorobenzene	<14		170	14	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
1,3-Dichlorobenzene	<15		170	15	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
1,4-Dichlorobenzene	<16		170	16	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
3,3'-Dichlorobenzidine	<27		170	27	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
2,4-Dichlorophenol	<12		330	12	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Diethyl phthalate	<15		170	15	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
2,4-Dimethylphenol	<74		330	74	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Dimethyl phthalate	<7.2		170	7.2	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Di-n-butyl phthalate	<11		170	11	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
4,6-Dinitro-2-methylphenol	<190		670	190	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
2,4-Dinitrophenol	<190		670	190	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
2,4-Dinitrotoluene	<19		170	19	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
2,6-Dinitrotoluene	<11		170	11	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Di-n-octyl phthalate	<230		330	230	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Fluoranthene	<7.7		33	7.7	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Fluorene	<9.8		33	9.8	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Hexachlorobenzene	<6.4		67	6.4	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Hexachlorobutadiene	<19		170	19	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Hexachlorocyclopentadiene	<350		670	350	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Hexachloroethane	<17		170	17	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Indeno[1,2,3-cd]pyrene	<32		33	32	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Isophorone	<17		170	17	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
1-Methylnaphthalene	<5.9		67	5.9	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
2-Methylnaphthalene	<6.7		67	6.7	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
2-Methylphenol	<18		170	18	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
3 & 4 Methylphenol	<24		170	24	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Naphthalene	<6.0		33	6.0	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
2-Nitroaniline	<18		170	18	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
3-Nitroaniline	<15		330	15	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
4-Nitroaniline	<25		330	25	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Nitrobenzene	<11		33	11	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
2-Nitrophenol	<23		330	23	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
4-Nitrophenol	<120		670	120	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
N-Nitrosodi-n-propylamine	<6.6		67	6.6	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
N-Nitrosodiphenylamine	<20		170	20	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
2,2'-oxybis[1-chloropropane]	<24		170	24	ug/Kg		11/14/23 11:30	11/15/23 10:44	1

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

Lab Sample ID: MB 500-742116/1-A
Matrix: Solid
Analysis Batch: 742252

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 742116

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	<83		670	83	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Phenanthrene	<7.2		33	7.2	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Phenol	<14		170	14	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Pyrene	<9.1		33	9.1	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
Pyridine	<220		670	220	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
1,2,4-Trichlorobenzene	<24		170	24	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
2,4,5-Trichlorophenol	<13		330	13	ug/Kg		11/14/23 11:30	11/15/23 10:44	1
2,4,6-Trichlorophenol	<11		330	11	ug/Kg		11/14/23 11:30	11/15/23 10:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*90*		*43 - 145*	*11/14/23 11:30*	*11/15/23 10:44*	*1*
2-Fluorophenol (Surr)	*93*		*31 - 166*	*11/14/23 11:30*	*11/15/23 10:44*	*1*
Nitrobenzene-d5 (Surr)	*86*		*37 - 147*	*11/14/23 11:30*	*11/15/23 10:44*	*1*
Phenol-d5 (Surr)	*89*		*30 - 153*	*11/14/23 11:30*	*11/15/23 10:44*	*1*
Terphenyl-d14 (Surr)	*104*		*42 - 157*	*11/14/23 11:30*	*11/15/23 10:44*	*1*
2,4,6-Tribromophenol (Surr)	*81*		*31 - 143*	*11/14/23 11:30*	*11/15/23 10:44*	*1*

Lab Sample ID: LCS 500-742116/2-A
Matrix: Solid
Analysis Batch: 742252

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 742116

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	3330	2990		ug/Kg		90	63 - 109
Acenaphthylene	3330	3000		ug/Kg		90	61 - 115
Anthracene	3330	3270		ug/Kg		98	68 - 120
Benzo[a]anthracene	3330	3500		ug/Kg		105	70 - 121
Benzo[a]pyrene	3330	3290		ug/Kg		99	73 - 132
Benzo[b]fluoranthene	3330	3050		ug/Kg		92	68 - 123
Benzo[g,h,i]perylene	3330	3110		ug/Kg		93	65 - 126
Benzoic acid	3330	3580		ug/Kg		107	10 - 135
Benzo[k]fluoranthene	3330	3570		ug/Kg		107	64 - 128
Benzyl alcohol	3330	2580		ug/Kg		78	35 - 108
Bis(2-chloroethoxy)methane	3330	2770		ug/Kg		83	54 - 102
Bis(2-chloroethyl)ether	3330	2900		ug/Kg		87	49 - 99
Bis(2-ethylhexyl) phthalate	3330	3610		ug/Kg		108	70 - 139
4-Bromophenyl phenyl ether	3330	3060		ug/Kg		92	57 - 124
Butyl benzyl phthalate	3330	3560		ug/Kg		107	65 - 140
Carbazole	3330	3240		ug/Kg		97	68 - 120
4-Chloroaniline	3330	1940		ug/Kg		58	22 - 110
4-Chloro-3-methylphenol	3330	2920		ug/Kg		88	57 - 113
2-Chloronaphthalene	3330	2940		ug/Kg		88	60 - 107
2-Chlorophenol	3330	2950		ug/Kg		88	50 - 102
4-Chlorophenyl phenyl ether	3330	3190		ug/Kg		96	60 - 112
Chrysene	3330	3570		ug/Kg		107	70 - 123
Dibenz(a,h)anthracene	3330	3450		ug/Kg		103	66 - 125
Dibenzofuran	3330	3060		ug/Kg		92	64 - 112
1,2-Dichlorobenzene	3330	2780		ug/Kg		83	47 - 94
1,3-Dichlorobenzene	3330	2750		ug/Kg		82	47 - 92

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

Lab Sample ID: LCS 500-742116/2-A
Matrix: Solid
Analysis Batch: 742252

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 742116

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dichlorobenzene	3330	2730		ug/Kg		82	46 - 92
3,3'-Dichlorobenzidine	3330	2530		ug/Kg		76	36 - 131
2,4-Dichlorophenol	3330	2980		ug/Kg		89	51 - 109
Diethyl phthalate	3330	3180		ug/Kg		96	66 - 115
2,4-Dimethylphenol	3330	2500		ug/Kg		75	48 - 93
Dimethyl phthalate	3330	3100		ug/Kg		93	65 - 114
Di-n-butyl phthalate	3330	3450		ug/Kg		103	69 - 125
4,6-Dinitro-2-methylphenol	6670	6650		ug/Kg		100	36 - 138
2,4-Dinitrophenol	6670	6280		ug/Kg		94	10 - 130
2,4-Dinitrotoluene	3330	3210		ug/Kg		96	65 - 120
2,6-Dinitrotoluene	3330	3180		ug/Kg		95	66 - 117
Di-n-octyl phthalate	3330	3040		ug/Kg		91	61 - 131
Fluoranthene	3330	3520		ug/Kg		106	66 - 123
Fluorene	3330	3170		ug/Kg		95	62 - 113
Hexachlorobenzene	3330	2940		ug/Kg		88	52 - 126
Hexachlorobutadiene	3330	2920		ug/Kg		88	42 - 103
Hexachlorocyclopentadiene	3330	<350	*-	ug/Kg		6	10 - 100
Hexachloroethane	3330	2690		ug/Kg		81	45 - 95
Indeno[1,2,3-cd]pyrene	3330	3370		ug/Kg		101	66 - 131
Isophorone	3330	2280		ug/Kg		68	47 - 108
1-Methylnaphthalene	3330	2880		ug/Kg		86	58 - 101
2-Methylnaphthalene	3330	2950		ug/Kg		88	58 - 103
2-Methylphenol	3330	2760		ug/Kg		83	50 - 104
3 & 4 Methylphenol	3330	2900		ug/Kg		87	49 - 109
Naphthalene	3330	2880		ug/Kg		86	54 - 98
2-Nitroaniline	3330	2890		ug/Kg		87	61 - 126
3-Nitroaniline	3330	2430		ug/Kg		73	44 - 124
4-Nitroaniline	3330	2940		ug/Kg		88	60 - 115
Nitrobenzene	3330	2860		ug/Kg		86	52 - 105
2-Nitrophenol	3330	3010		ug/Kg		90	41 - 114
4-Nitrophenol	6670	6570		ug/Kg		99	45 - 126
N-Nitrosodi-n-propylamine	3330	2700		ug/Kg		81	48 - 110
N-Nitrosodiphenylamine	3330	3100		ug/Kg		93	67 - 112
2,2'-oxybis[1-chloropropane]	3330	2500		ug/Kg		75	43 - 111
Pentachlorophenol	6670	6610		ug/Kg		99	32 - 128
Phenanthrene	3330	3170		ug/Kg		95	65 - 115
Phenol	3330	2830		ug/Kg		85	52 - 110
Pyrene	3330	3620		ug/Kg		108	71 - 128
Pyridine	6670	4450		ug/Kg		67	35 - 80
1,2,4-Trichlorobenzene	3330	2760		ug/Kg		83	49 - 100
2,4,5-Trichlorophenol	3330	3060		ug/Kg		92	48 - 121
2,4,6-Trichlorophenol	3330	3150		ug/Kg		94	50 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*87*		*43 - 145*
2-Fluorophenol (Surr)	*89*		*31 - 166*
Nitrobenzene-d5 (Surr)	*81*		*37 - 147*
Phenol-d5 (Surr)	*86*		*30 - 153*

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

Lab Sample ID: LCS 500-742116/2-A
Matrix: Solid
Analysis Batch: 742252

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 742116

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*99*		*42 - 157*
2,4,6-Tribromophenol (Surr)	*87*		*31 - 143*

Lab Sample ID: 500-242450-1 MS
Matrix: Solid
Analysis Batch: 742252

Client Sample ID: DR-2A-5-6
Prep Type: Total/NA
Prep Batch: 742116

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	<7.2		3580	2950		ug/Kg	☼	82	65 - 124
Acenaphthylene	<6.0		3580	2930		ug/Kg	☼	82	68 - 120
Anthracene	11	J	3580	3380		ug/Kg	☼	94	70 - 114
Benzo[a]anthracene	18	J	3580	3570		ug/Kg	☼	99	67 - 122
Benzo[a]pyrene	41		3580	3410		ug/Kg	☼	94	65 - 133
Benzo[b]fluoranthene	43		3580	3220		ug/Kg	☼	89	69 - 129
Benzo[g,h,i]perylene	36		3580	2870		ug/Kg	☼	79	72 - 131
Benzoic acid	<220		3580	2430		ug/Kg	☼	68	10 - 100
Benzo[k]fluoranthene	<13		3580	3490		ug/Kg	☼	97	68 - 127
Benzyl alcohol	<86		3580	2390		ug/Kg	☼	67	21 - 139
Bis(2-chloroethoxy)methane	<13		3580	2520		ug/Kg	☼	70	60 - 112
Bis(2-chloroethyl)ether	<16		3580	2430		ug/Kg	☼	68	55 - 111
Bis(2-ethylhexyl) phthalate	<140		3580	3850		ug/Kg	☼	107	72 - 131
4-Bromophenyl phenyl ether	<24		3580	3140		ug/Kg	☼	88	68 - 118
Butyl benzyl phthalate	<18		3580	3760		ug/Kg	☼	105	71 - 129
Carbazole	<14		3580	3310		ug/Kg	☼	92	65 - 142
4-Chloroaniline	<370		3580	2150		ug/Kg	☼	60	30 - 150
4-Chloro-3-methylphenol	<14		3580	2980		ug/Kg	☼	83	65 - 122
2-Chloronaphthalene	<13		3580	2720		ug/Kg	☼	76	69 - 114
2-Chlorophenol	<11		3580	2520		ug/Kg	☼	70	64 - 110
4-Chlorophenyl phenyl ether	<46		3580	3130		ug/Kg	☼	87	62 - 119
Chrysene	11	J	3580	3530		ug/Kg	☼	98	63 - 120
Dibenz(a,h)anthracene	<35		3580	3500		ug/Kg	☼	98	64 - 131
Dibenzofuran	<13		3580	3010		ug/Kg	☼	84	66 - 115
1,2-Dichlorobenzene	<14		3580	2290		ug/Kg	☼	64	62 - 110
1,3-Dichlorobenzene	<16		3580	2210		ug/Kg	☼	62	60 - 110
1,4-Dichlorobenzene	<17		3580	2210		ug/Kg	☼	62	61 - 110
3,3'-Dichlorobenzidine	<29		3580	3230		ug/Kg	☼	90	35 - 128
2,4-Dichlorophenol	<13		3580	2760		ug/Kg	☼	77	58 - 120
Diethyl phthalate	<16		3580	3230		ug/Kg	☼	90	58 - 120
2,4-Dimethylphenol	<79		3580	2190		ug/Kg	☼	61	60 - 110
Dimethyl phthalate	<7.7		3580	3160		ug/Kg	☼	88	69 - 116
Di-n-butyl phthalate	<11		3580	3520		ug/Kg	☼	98	65 - 120
4,6-Dinitro-2-methylphenol	<200		7170	5750		ug/Kg	☼	80	10 - 110
2,4-Dinitrophenol	<210		7170	4450		ug/Kg	☼	62	10 - 100
2,4-Dinitrotoluene	<20		3580	3270		ug/Kg	☼	91	69 - 124
2,6-Dinitrotoluene	<12		3580	3240		ug/Kg	☼	90	70 - 123
Di-n-octyl phthalate	<250		3580	3390		ug/Kg	☼	95	68 - 134
Fluoranthene	26	J	3580	3620		ug/Kg	☼	100	62 - 120
Fluorene	<10		3580	3180		ug/Kg	☼	89	62 - 120

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

Lab Sample ID: 500-242450-1 MS
Matrix: Solid
Analysis Batch: 742252

Client Sample ID: DR-2A-5-6
Prep Type: Total/NA
Prep Batch: 742116

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorobenzene	<6.8		3580	2960		ug/Kg	☼	83	63 - 124
Hexachlorobutadiene	<20		3580	2430		ug/Kg	☼	68	56 - 120
Hexachlorocyclopentadiene	<380	*- F1	3580	<380	F1	ug/Kg	☼	0	10 - 133
Hexachloroethane	<18	F1	3580	2130	F1	ug/Kg	☼	59	60 - 114
Indeno[1,2,3-cd]pyrene	<35		3580	3340		ug/Kg	☼	93	68 - 130
Isophorone	<18		3580	2090		ug/Kg	☼	58	55 - 110
1-Methylnaphthalene	<6.3		3580	2670		ug/Kg	☼	74	68 - 111
2-Methylnaphthalene	<7.1		3580	2690		ug/Kg	☼	75	69 - 112
2-Methylphenol	<19		3580	2390		ug/Kg	☼	67	60 - 120
3 & 4 Methylphenol	<26		3580	2550		ug/Kg	☼	71	57 - 120
Naphthalene	21	J	3580	2550		ug/Kg	☼	70	63 - 110
2-Nitroaniline	<19		3580	3060		ug/Kg	☼	85	57 - 124
3-Nitroaniline	<16		3580	2950		ug/Kg	☼	82	40 - 122
4-Nitroaniline	<26		3580	3200		ug/Kg	☼	89	60 - 160
Nitrobenzene	<11		3580	2560		ug/Kg	☼	71	60 - 116
2-Nitrophenol	<24		3580	2690		ug/Kg	☼	75	60 - 120
4-Nitrophenol	<130		7170	6740		ug/Kg	☼	94	30 - 122
N-Nitrosodi-n-propylamine	<7.0		3580	2460		ug/Kg	☼	69	56 - 118
N-Nitrosodiphenylamine	<21		3580	3150		ug/Kg	☼	88	65 - 112
2,2'-oxybis[1-chloropropane]	<25		3580	2160		ug/Kg	☼	60	40 - 124
Pentachlorophenol	<89		7170	5970		ug/Kg	☼	83	13 - 112
Phenanthrene	33	J	3580	3360		ug/Kg	☼	93	62 - 120
Phenol	<15		3580	2520		ug/Kg	☼	70	56 - 122
Pyrene	20	J	3580	3670		ug/Kg	☼	102	61 - 128
Pyridine	<230		7170	3720		ug/Kg	☼	52	32 - 110
1,2,4-Trichlorobenzene	<25		3580	2370		ug/Kg	☼	66	66 - 117
2,4,5-Trichlorophenol	<13		3580	3020		ug/Kg	☼	84	50 - 120
2,4,6-Trichlorophenol	<12		3580	3020		ug/Kg	☼	84	57 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*77*		*43 - 145*
2-Fluorophenol (Surr)	*71*		*31 - 166*
Nitrobenzene-d5 (Surr)	*68*		*37 - 147*
Phenol-d5 (Surr)	*71*		*30 - 153*
Terphenyl-d14 (Surr)	*93*		*42 - 157*
2,4,6-Tribromophenol (Surr)	*80*		*31 - 143*

Lab Sample ID: 500-242450-1 MSD
Matrix: Solid
Analysis Batch: 742252

Client Sample ID: DR-2A-5-6
Prep Type: Total/NA
Prep Batch: 742116

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	<7.2		3600	3000		ug/Kg	☼	83	65 - 124	1	30
Acenaphthylene	<6.0		3600	3000		ug/Kg	☼	83	68 - 120	3	30
Anthracene	11	J	3600	3470		ug/Kg	☼	96	70 - 114	3	30
Benzo[a]anthracene	18	J	3600	3620		ug/Kg	☼	100	67 - 122	2	30
Benzo[a]pyrene	41		3600	3510		ug/Kg	☼	96	65 - 133	3	30
Benzo[b]fluoranthene	43		3600	3310		ug/Kg	☼	91	69 - 129	3	30

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

Lab Sample ID: 500-242450-1 MSD
Matrix: Solid
Analysis Batch: 742252

Client Sample ID: DR-2A-5-6
Prep Type: Total/NA
Prep Batch: 742116

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[g,h,i]perylene	36		3600	2980		ug/Kg	☼	82	72 - 131	4	30
Benzoic acid	<220		3600	2650		ug/Kg	☼	74	10 - 100	9	30
Benzo[k]fluoranthene	<13		3600	3600		ug/Kg	☼	100	68 - 127	3	30
Benzyl alcohol	<86		3600	2610		ug/Kg	☼	72	21 - 139	9	30
Bis(2-chloroethoxy)methane	<13		3600	2720		ug/Kg	☼	75	60 - 112	7	30
Bis(2-chloroethyl)ether	<16		3600	2740		ug/Kg	☼	76	55 - 111	12	30
Bis(2-ethylhexyl) phthalate	<140		3600	3910		ug/Kg	☼	109	72 - 131	1	30
4-Bromophenyl phenyl ether	<24		3600	3230		ug/Kg	☼	90	68 - 118	3	30
Butyl benzyl phthalate	<18		3600	3890		ug/Kg	☼	108	71 - 129	3	30
Carbazole	<14		3600	3380		ug/Kg	☼	94	65 - 142	2	30
4-Chloroaniline	<370		3600	2240		ug/Kg	☼	62	30 - 150	4	30
4-Chloro-3-methylphenol	<14		3600	3020		ug/Kg	☼	84	65 - 122	1	30
2-Chloronaphthalene	<13		3600	2840		ug/Kg	☼	79	69 - 114	4	30
2-Chlorophenol	<11		3600	2790		ug/Kg	☼	77	64 - 110	10	30
4-Chlorophenyl phenyl ether	<46		3600	3210		ug/Kg	☼	89	62 - 119	2	30
Chrysene	11	J	3600	3630		ug/Kg	☼	101	63 - 120	3	30
Dibenz(a,h)anthracene	<35		3600	3610		ug/Kg	☼	100	64 - 131	3	30
Dibenzofuran	<13		3600	3100		ug/Kg	☼	86	66 - 115	3	30
1,2-Dichlorobenzene	<14		3600	2560		ug/Kg	☼	71	62 - 110	11	30
1,3-Dichlorobenzene	<16		3600	2530		ug/Kg	☼	70	60 - 110	13	30
1,4-Dichlorobenzene	<17		3600	2510		ug/Kg	☼	70	61 - 110	13	30
3,3'-Dichlorobenzidine	<29		3600	3420		ug/Kg	☼	95	35 - 128	6	30
2,4-Dichlorophenol	<13		3600	2880		ug/Kg	☼	80	58 - 120	4	30
Diethyl phthalate	<16		3600	3320		ug/Kg	☼	92	58 - 120	3	30
2,4-Dimethylphenol	<79		3600	2290		ug/Kg	☼	64	60 - 110	4	30
Dimethyl phthalate	<7.7		3600	3220		ug/Kg	☼	89	69 - 116	2	30
Di-n-butyl phthalate	<11		3600	3590		ug/Kg	☼	100	65 - 120	2	30
4,6-Dinitro-2-methylphenol	<200		7200	5970		ug/Kg	☼	83	10 - 110	4	30
2,4-Dinitrophenol	<210		7200	4760		ug/Kg	☼	66	10 - 100	7	30
2,4-Dinitrotoluene	<20		3600	3350		ug/Kg	☼	93	69 - 124	2	30
2,6-Dinitrotoluene	<12		3600	3310		ug/Kg	☼	92	70 - 123	2	30
Di-n-octyl phthalate	<250		3600	3390		ug/Kg	☼	94	68 - 134	0	30
Fluoranthene	26	J	3600	3740		ug/Kg	☼	103	62 - 120	3	30
Fluorene	<10		3600	3260		ug/Kg	☼	91	62 - 120	3	30
Hexachlorobenzene	<6.8		3600	3040		ug/Kg	☼	84	63 - 124	3	30
Hexachlorobutadiene	<20		3600	2690		ug/Kg	☼	75	56 - 120	10	30
Hexachlorocyclopentadiene	<380	*- F1	3600	<380	F1	ug/Kg	☼	0	10 - 133	NC	30
Hexachloroethane	<18	F1	3600	2430		ug/Kg	☼	67	60 - 114	13	30
Indeno[1,2,3-cd]pyrene	<35		3600	3510		ug/Kg	☼	97	68 - 130	5	30
Isophorone	<18		3600	2220		ug/Kg	☼	62	55 - 110	6	30
1-Methylnaphthalene	<6.3		3600	2840		ug/Kg	☼	79	68 - 111	6	30
2-Methylnaphthalene	<7.1		3600	2860		ug/Kg	☼	80	69 - 112	6	30
2-Methylphenol	<19		3600	2660		ug/Kg	☼	74	60 - 120	11	30
3 & 4 Methylphenol	<26		3600	2730		ug/Kg	☼	76	57 - 120	7	30
Naphthalene	21	J	3600	2790		ug/Kg	☼	77	63 - 110	9	30
2-Nitroaniline	<19		3600	3040		ug/Kg	☼	84	57 - 124	1	30
3-Nitroaniline	<16		3600	3040		ug/Kg	☼	84	40 - 122	3	30
4-Nitroaniline	<26		3600	3220		ug/Kg	☼	89	60 - 160	1	30
Nitrobenzene	<11		3600	2780		ug/Kg	☼	77	60 - 116	8	30

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

Lab Sample ID: 500-242450-1 MSD
Matrix: Solid
Analysis Batch: 742252

Client Sample ID: DR-2A-5-6
Prep Type: Total/NA
Prep Batch: 742116

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Nitrophenol	<24		3600	2960		ug/Kg	☼	82	60 - 120	10	30
4-Nitrophenol	<130		7200	6880		ug/Kg	☼	96	30 - 122	2	30
N-Nitrosodi-n-propylamine	<7.0		3600	2620		ug/Kg	☼	73	56 - 118	6	30
N-Nitrosodiphenylamine	<21		3600	3260		ug/Kg	☼	90	65 - 112	3	30
2,2'-oxybis[1-chloropropane]	<25		3600	2410		ug/Kg	☼	67	40 - 124	11	30
Pentachlorophenol	<89		7200	6280		ug/Kg	☼	87	13 - 112	5	30
Phenanthrene	33	J	3600	3450		ug/Kg	☼	95	62 - 120	3	30
Phenol	<15		3600	2720		ug/Kg	☼	76	56 - 122	8	30
Pyrene	20	J	3600	3790		ug/Kg	☼	105	61 - 128	3	30
Pyridine	<230		7200	4220		ug/Kg	☼	59	32 - 110	12	30
1,2,4-Trichlorobenzene	<25		3600	2580		ug/Kg	☼	72	66 - 117	8	30
2,4,5-Trichlorophenol	<13		3600	3120		ug/Kg	☼	87	50 - 120	3	30
2,4,6-Trichlorophenol	<12		3600	3030		ug/Kg	☼	84	57 - 120	0	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*79*		*43 - 145*
2-Fluorophenol (Surr)	*79*		*31 - 166*
Nitrobenzene-d5 (Surr)	*75*		*37 - 147*
Phenol-d5 (Surr)	*77*		*30 - 153*
Terphenyl-d14 (Surr)	*96*		*42 - 157*
2,4,6-Tribromophenol (Surr)	*81*		*31 - 143*

Lab Sample ID: MB 500-742280/1-A
Matrix: Solid
Analysis Batch: 742488

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 742280

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<6.8		33	6.8	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Acenaphthylene	<5.6		33	5.6	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Anthracene	<6.8		33	6.8	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Benzo[a]anthracene	<7.0		33	7.0	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Benzo[a]pyrene	<32		33	32	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Benzo[b]fluoranthene	<32		33	32	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Benzo[g,h,i]perylene	<7.2		33	7.2	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Benzoic acid	<200		1700	200	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Benzo[k]fluoranthene	<13		33	13	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Benzyl alcohol	<81		670	81	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Bis(2-chloroethoxy)methane	<12		170	12	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Bis(2-chloroethyl)ether	<15		170	15	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Bis(2-ethylhexyl) phthalate	<130		170	130	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
4-Bromophenyl phenyl ether	<23		170	23	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Butyl benzyl phthalate	<17		170	17	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Carbazole	<13		170	13	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
4-Chloroaniline	<350		670	350	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
4-Chloro-3-methylphenol	<13		330	13	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
2-Chloronaphthalene	<12		170	12	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
2-Chlorophenol	<11		170	11	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
4-Chlorophenyl phenyl ether	<44		170	44	ug/Kg		11/15/23 07:50	11/16/23 13:15	1

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

Lab Sample ID: MB 500-742280/1-A
Matrix: Solid
Analysis Batch: 742488

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 742280

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	<8.8		33	8.8	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Dibenz(a,h)anthracene	<33		33	33	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Dibenzofuran	<12		170	12	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
1,2-Dichlorobenzene	<14		170	14	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
1,3-Dichlorobenzene	<15		170	15	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
1,4-Dichlorobenzene	<16		170	16	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
3,3'-Dichlorobenzidine	<27		170	27	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
2,4-Dichlorophenol	<12		330	12	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Diethyl phthalate	<15		170	15	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
2,4-Dimethylphenol	<74		330	74	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Dimethyl phthalate	<7.2		170	7.2	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Di-n-butyl phthalate	<11		170	11	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
4,6-Dinitro-2-methylphenol	<190		670	190	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
2,4-Dinitrophenol	<190		670	190	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
2,4-Dinitrotoluene	<19		170	19	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
2,6-Dinitrotoluene	<11		170	11	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Di-n-octyl phthalate	<230		330	230	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Fluoranthene	<7.7		33	7.7	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Fluorene	<9.8		33	9.8	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Hexachlorobenzene	<6.4		67	6.4	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Hexachlorobutadiene	<19		170	19	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Hexachlorocyclopentadiene	<350		670	350	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Hexachloroethane	<17		170	17	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Indeno[1,2,3-cd]pyrene	<32		33	32	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Isophorone	<17		170	17	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
1-Methylnaphthalene	<5.9		67	5.9	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
2-Methylnaphthalene	<6.7		67	6.7	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
2-Methylphenol	<18		170	18	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
3 & 4 Methylphenol	<24		170	24	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Naphthalene	<6.0		33	6.0	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
2-Nitroaniline	<18		170	18	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
3-Nitroaniline	<15		330	15	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
4-Nitroaniline	<25		330	25	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Nitrobenzene	<11		33	11	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
2-Nitrophenol	<23		330	23	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
4-Nitrophenol	<120		670	120	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
N-Nitrosodi-n-propylamine	<6.6		67	6.6	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
N-Nitrosodiphenylamine	<20		170	20	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
2,2'-oxybis[1-chloropropane]	<24		170	24	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Pentachlorophenol	<83		670	83	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Phenanthrene	<7.2		33	7.2	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Phenol	<14		170	14	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Pyrene	<9.1		33	9.1	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
Pyridine	<220		670	220	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
1,2,4-Trichlorobenzene	<24		170	24	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
2,4,5-Trichlorophenol	<13		330	13	ug/Kg		11/15/23 07:50	11/16/23 13:15	1
2,4,6-Trichlorophenol	<11		330	11	ug/Kg		11/15/23 07:50	11/16/23 13:15	1

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

Lab Sample ID: MB 500-742280/1-A
Matrix: Solid
Analysis Batch: 742488

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 742280

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	87		43 - 145	11/15/23 07:50	11/16/23 13:15	1
2-Fluorophenol (Surr)	92		31 - 166	11/15/23 07:50	11/16/23 13:15	1
Nitrobenzene-d5 (Surr)	83		37 - 147	11/15/23 07:50	11/16/23 13:15	1
Phenol-d5 (Surr)	86		30 - 153	11/15/23 07:50	11/16/23 13:15	1
Terphenyl-d14 (Surr)	101		42 - 157	11/15/23 07:50	11/16/23 13:15	1
2,4,6-Tribromophenol (Surr)	77		31 - 143	11/15/23 07:50	11/16/23 13:15	1

Lab Sample ID: LCS 500-742280/2-A
Matrix: Solid
Analysis Batch: 742488

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 742280

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	3330	2960		ug/Kg		89	63 - 109
Acenaphthylene	3330	2940		ug/Kg		88	61 - 115
Anthracene	3330	3290		ug/Kg		99	68 - 120
Benzo[a]anthracene	3330	3470		ug/Kg		104	70 - 121
Benzo[a]pyrene	3330	3300		ug/Kg		99	73 - 132
Benzo[b]fluoranthene	3330	3080		ug/Kg		93	68 - 123
Benzo[g,h,i]perylene	3330	3070		ug/Kg		92	65 - 126
Benzoic acid	3330	3720		ug/Kg		112	10 - 135
Benzo[k]fluoranthene	3330	3420		ug/Kg		102	64 - 128
Benzyl alcohol	3330	2280		ug/Kg		68	35 - 108
Bis(2-chloroethoxy)methane	3330	2740		ug/Kg		82	54 - 102
Bis(2-chloroethyl)ether	3330	2740		ug/Kg		82	49 - 99
Bis(2-ethylhexyl) phthalate	3330	3550		ug/Kg		107	70 - 139
4-Bromophenyl phenyl ether	3330	3120		ug/Kg		94	57 - 124
Butyl benzyl phthalate	3330	3560		ug/Kg		107	65 - 140
Carbazole	3330	3230		ug/Kg		97	68 - 120
4-Chloroaniline	3330	2140		ug/Kg		64	22 - 110
4-Chloro-3-methylphenol	3330	2890		ug/Kg		87	57 - 113
2-Chloronaphthalene	3330	2840		ug/Kg		85	60 - 107
2-Chlorophenol	3330	2810		ug/Kg		84	50 - 102
4-Chlorophenyl phenyl ether	3330	3090		ug/Kg		93	60 - 112
Chrysene	3330	3480		ug/Kg		104	70 - 123
Dibenz(a,h)anthracene	3330	3450		ug/Kg		103	66 - 125
Dibenzofuran	3330	2990		ug/Kg		90	64 - 112
1,2-Dichlorobenzene	3330	2600		ug/Kg		78	47 - 94
1,3-Dichlorobenzene	3330	2580		ug/Kg		77	47 - 92
1,4-Dichlorobenzene	3330	2560		ug/Kg		77	46 - 92
3,3'-Dichlorobenzidine	3330	2990		ug/Kg		90	36 - 131
2,4-Dichlorophenol	3330	2950		ug/Kg		88	51 - 109
Diethyl phthalate	3330	3150		ug/Kg		94	66 - 115
2,4-Dimethylphenol	3330	2480		ug/Kg		74	48 - 93
Dimethyl phthalate	3330	3080		ug/Kg		93	65 - 114
Di-n-butyl phthalate	3330	3400		ug/Kg		102	69 - 125
4,6-Dinitro-2-methylphenol	6670	6880		ug/Kg		103	36 - 138
2,4-Dinitrophenol	6670	6390		ug/Kg		96	10 - 130
2,4-Dinitrotoluene	3330	3210		ug/Kg		96	65 - 120

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

Lab Sample ID: LCS 500-742280/2-A
Matrix: Solid
Analysis Batch: 742488

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 742280

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,6-Dinitrotoluene	3330	3150		ug/Kg		95	66 - 117
Di-n-octyl phthalate	3330	3030		ug/Kg		91	61 - 131
Fluoranthene	3330	3460		ug/Kg		104	66 - 123
Fluorene	3330	3110		ug/Kg		93	62 - 113
Hexachlorobenzene	3330	2990		ug/Kg		90	52 - 126
Hexachlorobutadiene	3330	2830		ug/Kg		85	42 - 103
Hexachlorocyclopentadiene	3330	<350	*-	ug/Kg		5	10 - 100
Hexachloroethane	3330	2520		ug/Kg		76	45 - 95
Indeno[1,2,3-cd]pyrene	3330	3340		ug/Kg		100	66 - 131
Isophorone	3330	2200		ug/Kg		66	47 - 108
1-Methylnaphthalene	3330	2910		ug/Kg		87	58 - 101
2-Methylnaphthalene	3330	2880		ug/Kg		86	58 - 103
2-Methylphenol	3330	2740		ug/Kg		82	50 - 104
3 & 4 Methylphenol	3330	2760		ug/Kg		83	49 - 109
Naphthalene	3330	2800		ug/Kg		84	54 - 98
2-Nitroaniline	3330	2890		ug/Kg		87	61 - 126
3-Nitroaniline	3330	2710		ug/Kg		81	44 - 124
4-Nitroaniline	3330	2990		ug/Kg		90	60 - 115
Nitrobenzene	3330	2780		ug/Kg		83	52 - 105
2-Nitrophenol	3330	3000		ug/Kg		90	41 - 114
4-Nitrophenol	6670	6310		ug/Kg		95	45 - 126
N-Nitrosodi-n-propylamine	3330	2650		ug/Kg		80	48 - 110
N-Nitrosodiphenylamine	3330	3130		ug/Kg		94	67 - 112
2,2'-oxybis[1-chloropropane]	3330	2350		ug/Kg		70	43 - 111
Pentachlorophenol	6670	6460		ug/Kg		97	32 - 128
Phenanthrene	3330	3180		ug/Kg		95	65 - 115
Phenol	3330	2730		ug/Kg		82	52 - 110
Pyrene	3330	3610		ug/Kg		108	71 - 128
Pyridine	6670	4260		ug/Kg		64	35 - 80
1,2,4-Trichlorobenzene	3330	2720		ug/Kg		82	49 - 100
2,4,5-Trichlorophenol	3330	3050		ug/Kg		91	48 - 121
2,4,6-Trichlorophenol	3330	2940		ug/Kg		88	50 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*87*		*43 - 145*
2-Fluorophenol (Surr)	*88*		*31 - 166*
Nitrobenzene-d5 (Surr)	*81*		*37 - 147*
Phenol-d5 (Surr)	*85*		*30 - 153*
Terphenyl-d14 (Surr)	*101*		*42 - 157*
2,4,6-Tribromophenol (Surr)	*86*		*31 - 143*

Lab Chronicle

Client: Tetra Tech GEO
Job ID: 500-242450-1
Project/Site: Beazer Oak Creek - Depot Rd

Client Sample ID: DR-2A-5-6
Lab Sample ID: 500-242450-1
Date Collected: 11/09/23 10:35
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742039	LWN	EET CHI	11/14/23 08:31

Client Sample ID: DR-2A-5-6
Lab Sample ID: 500-242450-1
Date Collected: 11/09/23 10:35
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741762	WRE	EET CHI	11/09/23 10:35
Total/NA	Analysis	8260D		50	742005	W1T	EET CHI	11/14/23 11:23
Total/NA	Prep	3546			742116	KL	EET CHI	11/14/23 11:30
Total/NA	Analysis	8270E		1	742252	JSB	EET CHI	11/15/23 19:37

Client Sample ID: DR-2/3A-5-6
Lab Sample ID: 500-242450-2
Date Collected: 11/09/23 11:05
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742039	LWN	EET CHI	11/14/23 08:31

Client Sample ID: DR-2/3A-5-6
Lab Sample ID: 500-242450-2
Date Collected: 11/09/23 11:05
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741762	WRE	EET CHI	11/09/23 11:05
Total/NA	Analysis	8260D		50	742005	W1T	EET CHI	11/14/23 11:47
Total/NA	Prep	3546			742116	KL	EET CHI	11/14/23 11:30
Total/NA	Analysis	8270E		1	742252	JSB	EET CHI	11/15/23 12:21

Client Sample ID: DR-1/2A-5.5-6.5
Lab Sample ID: 500-242450-3
Date Collected: 11/09/23 11:40
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742039	LWN	EET CHI	11/14/23 08:31

Client Sample ID: DR-1/2A-5.5-6.5
Lab Sample ID: 500-242450-3
Date Collected: 11/09/23 11:40
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 80.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741762	WRE	EET CHI	11/09/23 11:40
Total/NA	Analysis	8260D		50	742005	W1T	EET CHI	11/14/23 12:12
Total/NA	Prep	3546			742116	KL	EET CHI	11/14/23 11:30
Total/NA	Analysis	8270E		1	742252	JSB	EET CHI	11/15/23 18:49

Lab Chronicle

Client: Tetra Tech GEO
Job ID: 500-242450-1
Project/Site: Beazer Oak Creek - Depot Rd

Client Sample ID: DR-1A-2-3
Lab Sample ID: 500-242450-4
Date Collected: 11/09/23 12:00
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742039	LWN	EET CHI	11/14/23 08:31

Client Sample ID: DR-1A-2-3
Lab Sample ID: 500-242450-4
Date Collected: 11/09/23 12:00
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 82.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741762	WRE	EET CHI	11/09/23 12:00
Total/NA	Analysis	8260D		50	742005	W1T	EET CHI	11/14/23 12:36
Total/NA	Prep	3546			742116	KL	EET CHI	11/14/23 11:30
Total/NA	Analysis	8270E		1	742252	JSB	EET CHI	11/15/23 17:12

Client Sample ID: DR-1/4A-2-3
Lab Sample ID: 500-242450-5
Date Collected: 11/09/23 12:20
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742039	LWN	EET CHI	11/14/23 08:31

Client Sample ID: DR-1/4A-2-3
Lab Sample ID: 500-242450-5
Date Collected: 11/09/23 12:20
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741762	WRE	EET CHI	11/09/23 12:20
Total/NA	Analysis	8260D		50	742005	W1T	EET CHI	11/14/23 13:00
Total/NA	Prep	3546			742116	KL	EET CHI	11/14/23 11:30
Total/NA	Analysis	8270E		1	742252	JSB	EET CHI	11/15/23 12:45

Client Sample ID: DR-3/4A-2-3
Lab Sample ID: 500-242450-6
Date Collected: 11/09/23 13:30
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742039	LWN	EET CHI	11/14/23 08:31

Client Sample ID: DR-3/4A-2-3
Lab Sample ID: 500-242450-6
Date Collected: 11/09/23 13:30
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 79.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741762	WRE	EET CHI	11/09/23 13:30
Total/NA	Analysis	8260D		50	742005	W1T	EET CHI	11/14/23 13:24
Total/NA	Prep	3546			742116	KL	EET CHI	11/14/23 11:30
Total/NA	Analysis	8270E		1	742252	JSB	EET CHI	11/15/23 17:36

Lab Chronicle

Client: Tetra Tech GEO
Job ID: 500-242450-1
Project/Site: Beazer Oak Creek - Depot Rd

Client Sample ID: DR-5A-0.5-1.5
Lab Sample ID: 500-242450-7
Date Collected: 11/09/23 14:10
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742039	LWN	EET CHI	11/14/23 08:31

Client Sample ID: DR-5A-0.5-1.5
Lab Sample ID: 500-242450-7
Date Collected: 11/09/23 14:10
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 81.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741762	WRE	EET CHI	11/09/23 14:10
Total/NA	Analysis	8260D		50	742005	W1T	EET CHI	11/14/23 13:49
Total/NA	Prep	3546			742116	KL	EET CHI	11/14/23 11:30
Total/NA	Analysis	8270E		1	742252	JSB	EET CHI	11/15/23 18:00

Client Sample ID: DR-5/6A-1.5-2.5
Lab Sample ID: 500-242450-8
Date Collected: 11/09/23 14:25
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742039	LWN	EET CHI	11/14/23 08:31

Client Sample ID: DR-5/6A-1.5-2.5
Lab Sample ID: 500-242450-8
Date Collected: 11/09/23 14:25
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741762	WRE	EET CHI	11/09/23 14:25
Total/NA	Analysis	8260D		50	742005	W1T	EET CHI	11/14/23 14:13
Total/NA	Prep	3546			742116	KL	EET CHI	11/14/23 11:30
Total/NA	Analysis	8270E		1	742252	JSB	EET CHI	11/15/23 14:46

Client Sample ID: DR-6/7A-3-4
Lab Sample ID: 500-242450-9
Date Collected: 11/09/23 14:35
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742039	LWN	EET CHI	11/14/23 08:31

Client Sample ID: DR-6/7A-3-4
Lab Sample ID: 500-242450-9
Date Collected: 11/09/23 14:35
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 82.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741762	WRE	EET CHI	11/09/23 14:35
Total/NA	Analysis	8260D		50	742005	W1T	EET CHI	11/14/23 14:37
Total/NA	Prep	3546			742116	KL	EET CHI	11/14/23 11:30
Total/NA	Analysis	8270E		1	742252	JSB	EET CHI	11/15/23 13:09

Lab Chronicle

Client: Tetra Tech GEO
Job ID: 500-242450-1
Project/Site: Beazer Oak Creek - Depot Rd

Client Sample ID: DR-3A-3-4
Lab Sample ID: 500-242450-10
Date Collected: 11/09/23 13:45
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742039	LWN	EET CHI	11/14/23 08:31

Client Sample ID: DR-3A-3-4
Lab Sample ID: 500-242450-10
Date Collected: 11/09/23 13:45
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741762	WRE	EET CHI	11/09/23 13:45
Total/NA	Analysis	8260D		50	742005	W1T	EET CHI	11/14/23 15:01
Total/NA	Prep	3546			742116	KL	EET CHI	11/14/23 11:30
Total/NA	Analysis	8270E		1	742252	JSB	EET CHI	11/15/23 14:22

Client Sample ID: DR-5/8A-2.5-3.5
Lab Sample ID: 500-242450-11
Date Collected: 11/09/23 13:55
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742039	LWN	EET CHI	11/14/23 08:31

Client Sample ID: DR-5/8A-2.5-3.5
Lab Sample ID: 500-242450-11
Date Collected: 11/09/23 13:55
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741762	WRE	EET CHI	11/09/23 13:55
Total/NA	Analysis	8260D		50	742005	W1T	EET CHI	11/14/23 15:25
Total/NA	Prep	3546			742116	KL	EET CHI	11/14/23 11:30
Total/NA	Analysis	8270E		1	742252	JSB	EET CHI	11/15/23 11:57

Client Sample ID: DR-7A-1-2
Lab Sample ID: 500-242450-12
Date Collected: 11/09/23 15:05
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742039	LWN	EET CHI	11/14/23 08:31

Client Sample ID: DR-7A-1-2
Lab Sample ID: 500-242450-12
Date Collected: 11/09/23 15:05
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 79.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741762	WRE	EET CHI	11/09/23 15:05
Total/NA	Analysis	8260D		50	742005	W1T	EET CHI	11/14/23 15:49
Total/NA	Prep	3546			742116	KL	EET CHI	11/14/23 11:30
Total/NA	Analysis	8270E		1	742252	JSB	EET CHI	11/15/23 16:47

Lab Chronicle

Client: Tetra Tech GEO
Job ID: 500-242450-1
Project/Site: Beazer Oak Creek - Depot Rd

Client Sample ID: DR-7/8A-2-3
Lab Sample ID: 500-242450-13
Date Collected: 11/09/23 15:15
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742039	LWN	EET CHI	11/14/23 08:31

Client Sample ID: DR-7/8A-2-3
Lab Sample ID: 500-242450-13
Date Collected: 11/09/23 15:15
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 79.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741762	WRE	EET CHI	11/09/23 15:15
Total/NA	Analysis	8260D		50	742005	W1T	EET CHI	11/14/23 16:13
Total/NA	Prep	3546			742116	KL	EET CHI	11/14/23 11:30
Total/NA	Analysis	8270E		1	742252	JSB	EET CHI	11/15/23 15:59

Client Sample ID: DR-9/12A-1.6-2.6
Lab Sample ID: 500-242450-14
Date Collected: 11/09/23 15:30
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742039	LWN	EET CHI	11/14/23 08:31

Client Sample ID: DR-9/12A-1.6-2.6
Lab Sample ID: 500-242450-14
Date Collected: 11/09/23 15:30
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 78.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741762	WRE	EET CHI	11/09/23 15:30
Total/NA	Analysis	8260D		50	742005	W1T	EET CHI	11/14/23 16:37
Total/NA	Prep	3546			742116	KL	EET CHI	11/14/23 11:30
Total/NA	Analysis	8270E		1	742252	JSB	EET CHI	11/15/23 19:13

Client Sample ID: DR-13/14A-1-2
Lab Sample ID: 500-242450-15
Date Collected: 11/10/23 09:30
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742062	LWN	EET CHI	11/14/23 09:42

Client Sample ID: DR-13/14A-1-2
Lab Sample ID: 500-242450-15
Date Collected: 11/10/23 09:30
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741762	WRE	EET CHI	11/10/23 09:30
Total/NA	Analysis	8260D		50	742005	W1T	EET CHI	11/14/23 17:02
Total/NA	Prep	3546			742116	KL	EET CHI	11/14/23 11:30
Total/NA	Analysis	8270E		1	742252	JSB	EET CHI	11/15/23 13:33

Lab Chronicle

Client: Tetra Tech GEO
Job ID: 500-242450-1
Project/Site: Beazer Oak Creek - Depot Rd

Client Sample ID: DR-10/11A-2-3
Lab Sample ID: 500-242450-16
Date Collected: 11/10/23 08:55
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742062	LWN	EET CHI	11/14/23 09:42

Client Sample ID: DR-10/11A-2-3
Lab Sample ID: 500-242450-16
Date Collected: 11/10/23 08:55
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 82.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741762	WRE	EET CHI	11/10/23 08:55
Total/NA	Analysis	8260D		50	742005	W1T	EET CHI	11/14/23 17:26
Total/NA	Prep	3546			742116	KL	EET CHI	11/14/23 11:30
Total/NA	Analysis	8270E		1	742252	JSB	EET CHI	11/15/23 18:24

Client Sample ID: DR-13/16A-3-4
Lab Sample ID: 500-242450-17
Date Collected: 11/10/23 09:10
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742062	LWN	EET CHI	11/14/23 09:42

Client Sample ID: DR-13/16A-3-4
Lab Sample ID: 500-242450-17
Date Collected: 11/10/23 09:10
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741762	WRE	EET CHI	11/10/23 09:10
Total/NA	Analysis	8260D		50	742005	W1T	EET CHI	11/14/23 17:50
Total/NA	Prep	3546			742116	KL	EET CHI	11/14/23 11:30
Total/NA	Analysis	8270E		1	742252	JSB	EET CHI	11/15/23 13:58

Client Sample ID: DR-13A-1-2
Lab Sample ID: 500-242450-18
Date Collected: 11/10/23 09:15
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742062	LWN	EET CHI	11/14/23 09:42

Client Sample ID: DR-13A-1-2
Lab Sample ID: 500-242450-18
Date Collected: 11/10/23 09:15
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741762	WRE	EET CHI	11/10/23 09:15
Total/NA	Analysis	8260D		50	742005	W1T	EET CHI	11/14/23 18:14
Total/NA	Prep	3546			742116	KL	EET CHI	11/14/23 11:30
Total/NA	Analysis	8270E		1	742252	JSB	EET CHI	11/15/23 15:10

Client Sample ID: DR-9A-2-3
Lab Sample ID: 500-242450-19
Date Collected: 11/10/23 08:15
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742062	LWN	EET CHI	11/14/23 09:42

Client Sample ID: DR-9A-2-3
Lab Sample ID: 500-242450-19
Date Collected: 11/10/23 08:15
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741762	WRE	EET CHI	11/10/23 08:15
Total/NA	Analysis	8260D		50	742005	W1T	EET CHI	11/14/23 18:38
Total/NA	Prep	3546			742116	KL	EET CHI	11/14/23 11:30
Total/NA	Analysis	8270E		1	742252	JSB	EET CHI	11/15/23 15:35

Client Sample ID: DR-9/10A-3-4
Lab Sample ID: 500-242450-20
Date Collected: 11/10/23 08:25
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742062	LWN	EET CHI	11/14/23 09:42

Client Sample ID: DR-9/10A-3-4
Lab Sample ID: 500-242450-20
Date Collected: 11/10/23 08:25
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741763	WRE	EET CHI	11/10/23 08:25
Total/NA	Analysis	8260D		50	742225	W1T	EET CHI	11/15/23 14:51
Total/NA	Prep	3546			742116	KL	EET CHI	11/14/23 11:30
Total/NA	Analysis	8270E		1	742252	JSB	EET CHI	11/15/23 16:23

Client Sample ID: DR-10A-2-3
Lab Sample ID: 500-242450-21
Date Collected: 11/10/23 08:40
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742062	LWN	EET CHI	11/14/23 09:42

Client Sample ID: DR-10A-2-3
Lab Sample ID: 500-242450-21
Date Collected: 11/10/23 08:40
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741763	WRE	EET CHI	11/10/23 08:40
Total/NA	Analysis	8260D		50	742225	W1T	EET CHI	11/15/23 15:15
Total/NA	Prep	3546			742280	KL	EET CHI	11/15/23 07:50
Total/NA	Analysis	8270E		1	742242	JSB	EET CHI	11/15/23 21:33

Lab Chronicle

Client: Tetra Tech GEO
Job ID: 500-242450-1
Project/Site: Beazer Oak Creek - Depot Rd

Client Sample ID: DR-10A-2-3
Lab Sample ID: 500-242450-21
Date Collected: 11/10/23 08:40
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546	DL		742280	KL	EET CHI	11/15/23 07:50
Total/NA	Analysis	8270E	DL	10	742478	JSB	EET CHI	11/16/23 12:56

Client Sample ID: DR-2A-1.2-2.2
Lab Sample ID: 500-242450-28
Date Collected: 11/09/23 10:15
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742062	LWN	EET CHI	11/14/23 09:42

Client Sample ID: DR-2A-1.2-2.2
Lab Sample ID: 500-242450-28
Date Collected: 11/09/23 10:15
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 83.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741763	WRE	EET CHI	11/09/23 10:15
Total/NA	Analysis	8260D		50	742225	W1T	EET CHI	11/15/23 15:39
Total/NA	Prep	3546			742280	KL	EET CHI	11/15/23 07:50
Total/NA	Analysis	8270E		1	742242	JSB	EET CHI	11/16/23 00:30

Client Sample ID: DR-2/3A-2-3
Lab Sample ID: 500-242450-29
Date Collected: 11/09/23 10:50
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742062	LWN	EET CHI	11/14/23 09:42

Client Sample ID: DR-2/3A-2-3
Lab Sample ID: 500-242450-29
Date Collected: 11/09/23 10:50
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 80.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741763	WRE	EET CHI	11/09/23 10:50
Total/NA	Analysis	8260D		50	742225	W1T	EET CHI	11/15/23 16:03
Total/NA	Prep	3546			742280	KL	EET CHI	11/15/23 07:50
Total/NA	Analysis	8270E		5	742242	JSB	EET CHI	11/16/23 00:55

Client Sample ID: DR-1/2A-1.5-2.5
Lab Sample ID: 500-242450-30
Date Collected: 11/09/23 11:20
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742062	LWN	EET CHI	11/14/23 09:42

Lab Chronicle

Client: Tetra Tech GEO
Job ID: 500-242450-1
Project/Site: Beazer Oak Creek - Depot Rd

Client Sample ID: DR-1/2A-1.5-2.5
Lab Sample ID: 500-242450-30
Date Collected: 11/09/23 11:20
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			741763	WRE	EET CHI	11/09/23 11:20
Total/NA	Analysis	8260D		50	742225	W1T	EET CHI	11/15/23 16:27
Total/NA	Prep	3546			742280	KL	EET CHI	11/15/23 07:50
Total/NA	Analysis	8270E		1	742242	JSB	EET CHI	11/16/23 01:20

Client Sample ID: DR-10A 2-3 ASPHALT
Lab Sample ID: 500-242450-31
Date Collected: 11/10/23 08:40
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742062	LWN	EET CHI	11/14/23 09:42

Client Sample ID: DR-10A 2-3 ASPHALT
Lab Sample ID: 500-242450-31
Date Collected: 11/10/23 08:40
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 99.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			742280	KL	EET CHI	11/15/23 07:50
Total/NA	Analysis	8270E		5	742242	JSB	EET CHI	11/16/23 01:46

Client Sample ID: DR-2A 1.2-2.2 ASPHALT
Lab Sample ID: 500-242450-32
Date Collected: 11/09/23 10:15
Matrix: Solid
Date Received: 11/11/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742062	LWN	EET CHI	11/14/23 09:42

Client Sample ID: DR-2A 1.2-2.2 ASPHALT
Lab Sample ID: 500-242450-32
Date Collected: 11/09/23 10:15
Matrix: Solid
Date Received: 11/11/23 09:40
Percent Solids: 99.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			742280	KL	EET CHI	11/15/23 07:50
Total/NA	Analysis	8270E		5	742242	JSB	EET CHI	11/16/23 02:11

Laboratory References:
EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: Tetra Tech GEO
Job ID: 500-242450-1
Project/Site: Beazer Oak Creek - Depot Rd

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-24

Eurofins Chicago
2417 Bond Street
University Park IL 60484
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

Client Information	Sampler: CAW LLD	Lab PM: Fredrick Sandie	Carrier Tracking No(s):	500-242450 COC 145 1
Client Contact: Mr Mark Manthey	Phone: 630-408-5161	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin:	Page 1 of 4
Company: Tetra Tech GEO	PWSID:	**Analysis Requested**		Job #: 500-242450
Address: 13555 Bishops Ct Suite 201	Due Date Requested: 3 day turn around (11/14/23)			Preservation Codes: A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify), Other
City: Brookfield	TAT Requested (days):			
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No			
Phone: 262-792-1282(Tel)	PO #: 3000189721			
Email: mark.manthey@tetratech.com	WO #:			
Project Name: Beazer Oak Creek - Depot Rd	Project #: 50007178			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOC + Dry weight	8270E - SVOC	8270E_SIM_ALK - Parent & Alkyl PAHs + Biomarkers	Total Number of containers	Special Instructions/Note.
			Preservation Code				N	N	N		
1 DR-2A-5-6	11/9/23	10:35	G	Solid			1	1	X		No aPAH
2 DR-2/3A-5-6		11:05		Solid			1	1			
3 DR-1/2A-5.5-6.5		11:40		Solid			1	1			
4 DR-1/2A-2-3		12:00		Solid			1	1			
5 DR-1/4A-2-3		12:20		Solid			1	1			
6 DR-3/4A-2-3		13:30		Solid			1	1			
7 DR-5A-0.5-1.5		14:10		Solid			1	1			
8 DR-5/6A-1.5-2.5		14:25		Solid			1	1			
9 DR-6/7A-3-4		14:35		Solid			1	1			
10 DR-3A-3-4		13:45		Solid			1	1			
11 DR-5/8A-2.5-3.5		13:55		Solid			1	1			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment			
Relinquished by: Laura Mastra	Date/Time: 11/10/23 1700	Company: Tt	Received by:	Date/Time: 11-11-23 0840	Company	
Relinquished by	Date/Time	Company	Received by	Date/Time	Company	
Relinquished by	Date/Time	Company	Received by	Date/Time	Company	
Custody Seals Intact: Δ Yes Δ No	Custody Seal No		Cooler Temperature(s) °C and Other Remarks: (2.1-1.5)(0.9-0.8)			

ver 06/08/2021

See page 1

Eurofins Chicago
2417 Bond Street
University Park IL 60484
Phone 708-534 5200 Fax 708-534-5211

Chain of Custody Record

eurofins

Environment Testing

Client Information	Sampler	Lab PM: Fredrick Sandie	Carrier Tracking No(s)	COC No: 500-117792-48145 2
Client Contact: Mr Mark Manthey	Phone	E-Mail: Sandra Fredrick@et eurofinsus com	State of Origin	Page: Page 2 of 4
Company: Tetra Tech GEO	PWSID			Job #: 500-242450
Address: 13555 Bishops Ct Suite 201	Due Date Requested			
City: Brookfield	TAT Requested (days)			
State, Zip: WI, 53005	Compliance Project Δ Yes Δ No			
Phone: 262-792-1282(Tel)	PO #: 3000189721			
Email: mark manthey@tetratech com	WO #:			
Project Name: Beazer Oak Creek - Depot Rd	Project #: 50007178			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOC	8270E - SVOC	8270E_SIM_ALK - Parent & Alkyl PAHs + Biomarkers	Total Number of containers	Special Instructions/Note
				Preservation Code				N	N	N		
12	DR-7A-1-2	11/9/23	15:05	G	Solid			1	1			
13	DR-7/8A-2-3	↓	15:15		Solid			1	1			
14	DR-9/12A-1.6-2.6		15:30		Solid			1	1			
15	DR-13/14A-1-2	11/10/23	9:30		Solid			1	1			
16	DR-10/11A-2-3		8:55		Solid			1	1			
17	DR-13/16A-3-4		9:10		Solid			1	1			
18	DR-13A-1-2		9:15		Solid			1	1			
19	DR-9A-2-3		8:15		Solid			1	1			
20	DR-9/10A-3-4		8:25		Solid			1	1			
21	DR-10A-2-3		8:40		Solid			1	1	X		No aPAH
22	FP-4-7.4-8.4	↓	11:40		Solid				X	1		Also listed on page 2

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	Laura Nykstra	11/10/23 17:00	TT		11-11-23 0940	
	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Ver 06/08/2021

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Phone 708-534-5200 Fax 708-534-5211

See Page 1

Chain of Custody Record

eurofins

Client Information	Sampler	Lab PM: Fredrick, Sandie	Carrier Tracking No(s)	COC No. 500-117792-48145 3
Client Contact: Mr Mark Manthey	Phone	E-Mail: Sandra Fredrick@et eurofinsus com	State of Origin	Page: Page 3 of 4
Company: Tetra Tech GEO	PWSID			Job #: 500-242450
Address: 13555 Bishops Ct Suite 201	Due Date Requested			
City: Brookfield	TAT Requested (days)			
State Zip: WI 53005	Compliance Project: Δ Yes Δ No			
Phone: 262-792-1282(Tel)	PO #: 3000189721			
Email: mark manthey@tetratech com	WO #			
Project Name: Beazer Oak Creek - Depot Rd	Project #: 50007178			
Site	SSOW#			

Analysis Requested

Preservation Codes: A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F - MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L - EDA, M Hexane, N - None, O AsNaO2, P Na2O4S, Q Na2SO3, R - Na2S2O3, S H2SO4, T - TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y - Trizma, Z other (specify)

Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOC	8270E - SVOC	8270E_SIM_ALK - Parent & Alkyl PAHs + Biomarkers	Total Number of containers	Special Instructions/Note
					Preservation Code:			N	N	N		
23	FP-5-5-6	11/10/23	12:00		Solid				X	1		
24	FP-3-7.5-8 5	↓	13:00		Solid				X	1		
25	FP-6-7 5-8.5		13:20		Solid				X	1		
22	~~FP-...~~ FP-4-7.4-8.4		13:40		Solid				X	1		
26	FP-8-7-8		14:00		Solid				X	1		
27	FP-7-7.5-8.5	↓	13:40		Solid				X	1		
1	DR-2A-5-6	11/9/23	10:35		Solid		X	X				Also listed on page1
2	DR-2/3A-5-6	↓	11:05		Solid		X	X				Also listed on page 1
3	DR-1/2A-5.5-6.5	↓	11:40		Solid		X	X				Also listed on page 1
					Solid							
					Solid							

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For ____ Months*

Deliverable Requested I, II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Laura Dykstra	11/10/23 17:00	TT	[signature]	11-11-23 0940	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No | Cooler Temperature(s) °C and Other Remarks

Ver 06/08 2021

Chain of Custody Record

668028 eurofins | Environment Testing America

Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager:	Site Contact:	Date:	COC No
Company Name	Tel/Email:	Lab Contact:	Carrier:	_____ of _____ COCs
Address	Analysis Turnaround Time			Sampler:
City/State/Zip	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone	TAT if different from Below _____			Walk-in Client
Fax	☐ 2 weeks			Lab Sampling
Project Name	☐ 1 week			
Site	☐ 2 days			Job / SDG No. 500-242450
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs 8260D	SVOCs 8270 E	Sample Specific Notes
28 DR-2A-1.2-2.2	11/9	1015	S					X	X	
29 DR-2/3A-2-3	11/9	1050	S					X	X	
30 DR-1/2A-1.5-2.5	11/9	1120	S					X	X	
31 DR-10A 2-3 Asphalt	11-10-23	840							X	
32 DR-2A 1.2-2.2 Asphalt	11-09-23	1015							X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact ☐ Yes ☐ No | Custody Seal No | Cooler Temp. (°C) Obs'd _____ Corr'd _____ Therm ID No _____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
					11-11-23 0940
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time

Eurofins Chicago
2417 Bond Street
University Park IL 60484
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

500-242450 COC | 145 1

Client Information

Client Contact: Mr Mark Manthey	Sampler: CAW LLD	Lab PM: Fredrick Sandie	Carrier Tracking No(s):
Company: Tetra Tech GEO	Phone: 630-408-5161	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin:
Address: 13555 Bishops Ct Suite 201	PWSID:	Due Date Requested: 3 day turn around (11/14/23)	Page 1 of 4
City: Brookfield		TAT Requested (days):	Job #: 500-242450
State, Zip: WI, 53005		Compliance Project: Δ Yes Δ No	
Phone: 262-792-1282(Tel)		PO #: 3000189721	
Email: mark.manthey@tetratech.com		WO #:	
Project Name: Beazer Oak Creek - Depot Rd		Project #: 50007178	
Site:		SSOW#:	

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify), Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOC + DI4 weight	8270E - SVOC	8270E_SIM_ALK - Parent & Alkyl PAHs + Biomarkers	Total Number of containers	Special Instructions/Note.
			Preservation Code:				N	N	N		
1 DR-2A-5-6	11/9/23	10:35	G	Solid			1	1	1		
2 DR-2/3A-5-6		11:05		Solid			1	1			
3 DR-1/2A-5.5-6.5		11:40		Solid			1	1			
4 DR-1A-2-3		12:00		Solid			1	1			
5 DR-1/4A-2-3		12:20		Solid			1	1			
6 DR-3/4A-2-3		13:30		Solid			1	1			
7 DR-5A-0.5-1.5		14:10		Solid			1	1			
8 DR-5/6A-1.5-2.5		14:25		Solid			1	1			
9 DR-6/7A-3-4		14:35		Solid			1	1			
10 DR-3A-3-4		13:45		Solid			1	1			
11 DR-5/8A-2.5-3.5		13:55		Solid			1	1			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by		Date		Time	Method of Shipment	
Relinquished by: Laura Nykstra	Date/Time: 11/10/23 1700	Company: Tt	Received by:	Date/Time: 11-11-23 0840	Company	
Relinquished by	Date/Time	Company	Received by	Date/Time	Company	
Relinquished by	Date/Time	Company	Received by	Date/Time	Company	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No | Cooler Temperature(s) °C and Other Remarks: (2.1-1.5)(0.9-0.8)

See page 1

Eurofins Chicago
2417 Bond Street
University Park IL 60484
Phone 708-534 5200 Fax 708-534-5211

Chain of Custody Record

eurofins

Environment Testing

Client Information	Sampler	Lab PM: Fredrick Sandie	Carrier Tracking No(s)	COC No: 500-117792-48145 2
Client Contact: Mr Mark Manthey	Phone	E-Mail: Sandra Fredrick@et eurofinsus com	State of Origin	Page: Page 2 of 4
Company: Tetra Tech GEO	PWSID			Job #: 500-242450
Address: 13555 Bishops Ct Suite 201	Due Date Requested			
City: Brookfield	TAT Requested (days)			
State, Zip: WI, 53005	Compliance Project Δ Yes Δ No			
Phone: 262-792-1282(Tel)	PO #: 3000189721			
Email: mark manthey@tetratech com	WO #:			
Project Name: Beazer Oak Creek - Depot Rd	Project #: 50007178			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify), Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOC	8270E - SVOC	8270E_SIM_ALK - Parent & Alkyl PAHs + Biomarkers	Total Number of containers	Special Instructions/Note
				Preservation Code:				N	N	N		
12	DR-7A-1-2	11/9/23	15:05	G	Solid			1	1			
13	DR-7/8A-2-3	↓	15:15		Solid			1	1			
14	DR-9/12A-1.6-2.6		15:30		Solid			1	1			
15	DR-13/14A-1-2	11/10/23	9:30		Solid			1	1			
16	DR-10/11A-2-3		8:55		Solid			1	1			
17	DR-13/16A-3-4		9:10		Solid			1	1			
18	DR-13A-1-2		9:15		Solid			1	1			
19	DR-9A-2-3		8:15		Solid			1	1			
20	DR-9/10A-3-4		8:25		Solid			1	1			
21	DR-10A-2-3		8:40		Solid			1	1	1		
22	FP-4-7.4-8.4	↓	11:40		Solid					1		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	Laura Nykstra	11/10/23 17:00	TT	[signature]	11-11-23 0940	
	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Ver 06/08/2021

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Phone 708-534-5200 Fax 708-534-5211

See Page 1

Chain of Custody Record

eurofins

Client Information	Sampler	Lab PM	Carrier Tracking No(s)	COC No.
		Fredrick, Sandie		500-117792-48145 3
Client Contact	**Phone**	**E-Mail**	**State of Origin**	**Page**
Mr Mark Manthey		Sandra Fredrick@et eurofinsus com		Page 3 of 4
Company	**PWSID**			**Job #**
Tetra Tech GEO				5190-242950
Address	**Due Date Requested**			
13555 Bishops Ct Suite 201				
City	**TAT Requested (days)**			
Brookfield				
State, Zip	**Compliance Project** Δ Yes Δ No			
WI 53005				
Phone	**PO #**			
262-792-1282(Tel)	3000189721			
Email	**WO #**			
mark manthey@tetratech com				
Project Name	**Project #**			
Beazer Oak Creek - Depot Rd	50007178			
Site	**SSOW#**			

Analysis Requested

Preservation Codes

A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOC	8270E - SVOC	8270E_SIM_ALK - Parent & Alkyl PAHs + Biomarkers	Total Number of containers	Special Instructions/Note
			Preservation Code:				N	N	N		
23 FP-5-5-6	11/10/23	12:00		Solid					1		
24 FP-3-7.5-8.5		13:00		Solid					1		
25 FP-6-7.5-8.5		13:20		Solid					1		
26 ~~FP-5-7.5-8.5~~ FP-4-7.4-8.4		13:40		Solid					1		
26 FP-8-7-8		14:00		Solid					1		
27 FP-7-7.5-8.5		13:40		Solid					1		
1 DR-2A-5-6	11/9/23	10:35		Solid							
2 DR-2/3A-5-6		11:05		Solid							
3 DR-1/2A-5.5-6.5		11:40		Solid							
				Solid							
				Solid							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Deliverable Requested I, II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Laura Wykstra	11/10/23 17:00	TT		11-11-23 0940	
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Ver 06/08 2021

Chain of Custody Record

668028 eurofins | Environment Testing America

Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager:	Site Contact:	Date:	COC No
Company Name	Tel/Email:	Lab Contact:	Carrier:	_____ of _____ COCs
Address	Analysis Turnaround Time			Sampler:
City/State/Zip	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone	TAT if different from Below _____			Walk-in Client
Fax	☐ 2 weeks			Lab Sampling
Project Name	☐ 1 week			
Site	☐ 2 days			Job / SDG No. 500-242450
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Sample Specific Notes
28 DR-2A-1.2-2.2	11/9	1015	S					
29 DR-2/3A-2-3	11/9	1050	S					
30 DR-1/2A-1.5-2.5	11/9	1120	S					

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact ☐ Yes ☐ No | Custody Seal No | Cooler Temp. (°C) Obs'd _____ Corr'd _____ Therm ID No _____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
					12-11-23 0940
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time

Eurofins Lancaster Laboratories Environme
2425 New Holland Pike
Lancaster, PA 17601
Phone 717-656-2300 Fax 717-656-2681

Chain of Custody Record

eurofins | Environment Testing

500-242450 COC

Client Information (Sub Contract Lab)	Sampler	Lab PM: Fredrick, Sandie	Carrier Tracking No(s)	COC No: 410-2506464 1
Client Contact: Shipping/Receiving	Phone	E-Mail: Sandra Fredrick@et eurofinsus com	State of Origin: Wisconsin	Page: Page 1 of 1
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): State Program - Wisconsin		Job #: 500-242450-2
Address: 2417 Bond Street, ,	Due Date Requested: 11/17/2023			
City: University Park	TAT Requested (days):			
State, Zip: IL, 60484				
Phone: 708-534-5200(Tel) 708-534-5211(Fax)	PO #			
Email:	WO #			
Project Name: Beazer Oak Creek - Depot Rd	Project #: 50007178			
Site	SSOW#			

Analysis Requested

Preservation Codes

A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify), Other

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E/3546 SVOC	Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code							
FP-4-7 4-8 4 (500-242450-22)	11/10/23	11 40 Central		Solid			X	X	1	
FP-5-5-6 (500-242450-23)	11/10/23	12 00 Central		Solid			X	X	1	
FP-3-7 5-8 5 (500-242450-24)	11/10/23	13 00 Central		Solid			X	X	1	
FP-6-7 5-8 5 (500-242450-25)	11/10/23	13 20 Central		Solid			X	X	1	
FP-8-7-8 (500-242450-26)	11/10/23	14 00 Central		Solid			X	X	1	
FP-7-7 5-8 5 (500-242450-27)	11/10/23	13 40 Central		Solid			X	X	1	

Note Since laboratory accreditations are subject to change Eurofins Lancaster Laboratories Environment Testing LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Lancaster Laboratories Environment Testing LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Lancaster Laboratories Environment Testing LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Lancaster Laboratories Environment Testing LLC

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) / Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by | Date | Time | Method of Shipment

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Kim Ocara	11/15/23 1424	ELLET	Stephanie Hernandez	11/16/23 1010	EETA

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 5.4→4.8

Ver: 06/08/2021

500-242450 Waybi

48 of

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 500-242450-1

Login Number: 242450
List Number: 1
Creator: James, Jeff A

List Source: Eurofins 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	1.5,0.8
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.	False	see NCM
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	