

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 #)	
Smoke Out Cleaners		02-13-552179	
Address	City	State	ZIP Code
535 Half Mile Road	Verona	WI	53593

Responsible Party

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

Property Owner

Verona Business Centre

Address	City	State	ZIP Code
2650 N. Nine Mound Road	Verona	WI	53593
Contact Person	Phone Number (include area code)		
Joseph Krantz			

Person or company that collected samples

Giles Engineering Associates, Inc.

Sample Results (Results Attached)

Reason for Sampling: Routine Other (define) _____

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

Contaminant	In Soil?		In Groundwater?	
	Yes	No	Yes	No
Gasoline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diesel or Fuel Oil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Solvents	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Heavy Metals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pesticides	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

This sampling event included sampling of a drinking water well. <input type="radio"/> Yes <input checked="" type="radio"/> No
If yes, the sampled drinking water well had detectable contaminants. <input type="radio"/> Yes <input type="radio"/> No

Contaminants in Vapor

	Yes	No
Indoor Air	<input type="radio"/>	<input type="radio"/>
Sub-slab	<input type="radio"/>	<input type="radio"/>
Exterior Soil Gas	<input type="radio"/>	<input type="radio"/>

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Page 2 of 2

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:

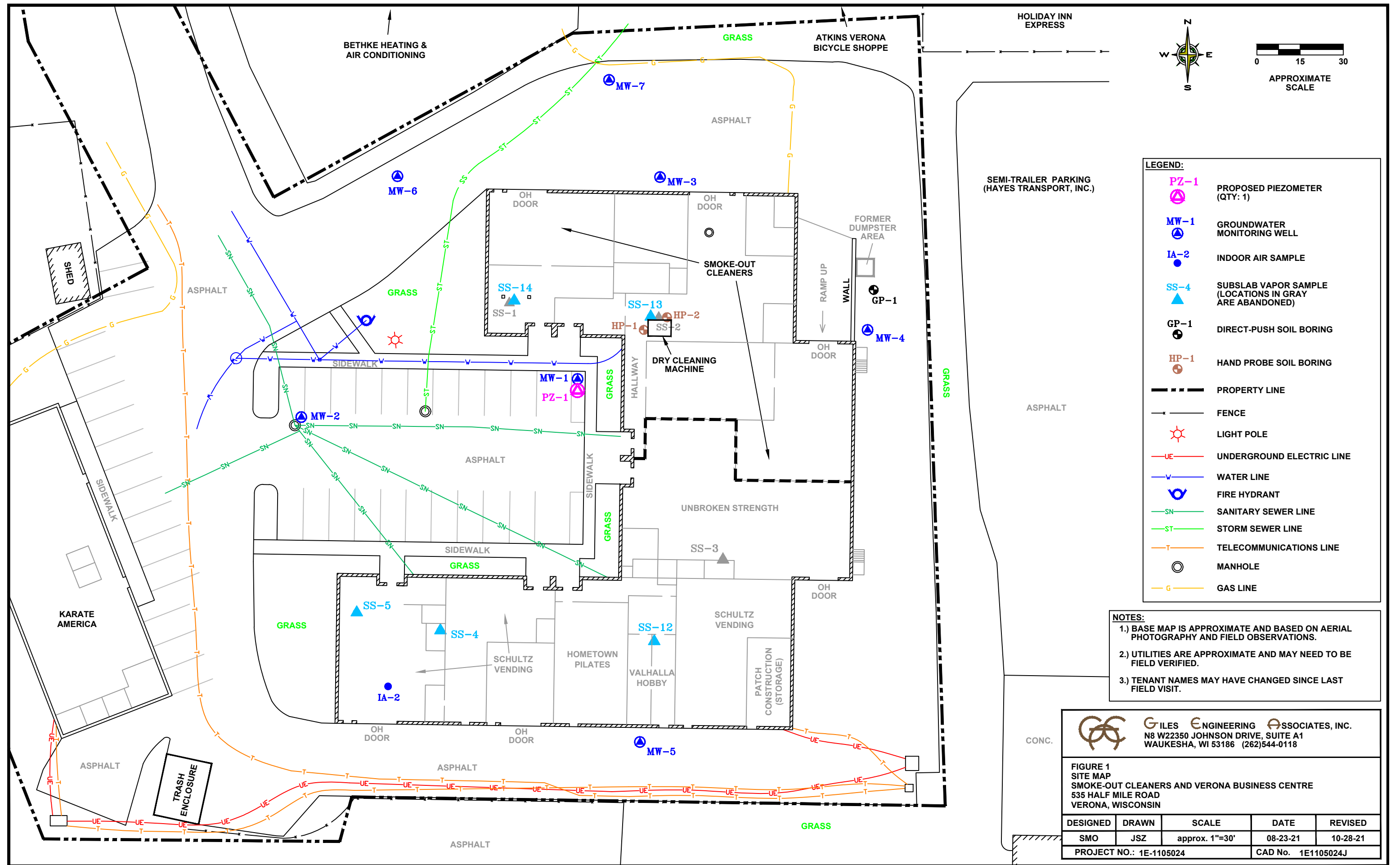
Environmental Consultant

Company Name		Contact Person Last Name		First Name	
Giles Engineering Associates, Inc.		Peed		Michelle	
Address			City	State	ZIP Code
N8 W22350 Johnson Drive			Waukesha	WI	53186
Phone # (inc. area code)	Email				
(262) 544-0118	mpeed@gilesengr.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)	
Bannister		Trevor		(608) 347-0058	
Address			City	State	ZIP Code
3911 Fish Hatchery Road			Fitchburg	WI	53711
Email					
TrevorA.Bannister@wisconsin.gov					



GILES ENGINEERING ASSOCIATES, INC.
 N8 W22350 JOHNSON DRIVE, SUITE A1
 WAUKESHA, WI 53186 (262)544-0118



SEMI-TRAILER PARKING
(HAYES TRANSPORT, INC.)

ASPHALT

CONC.

BETHKE HEATING &
AIR CONDITIONING

ATKINS VERONA
BICYCLE SHOPPE

ASPHALT

ASPHALT

GRASS

MW-3

MW-6

MW-7

FORMER
DUMPSTER
AREA

GP-1

SS-14

SS-1

SS-13

SS-2

HP-1

HP-2

DRY CLEANING
MACHINE

MW-4

MW-1

PZ-1

SMOKE-OUT
CLEANERS

RAMP UP

WALL

UNBROKEN STRENGTH

SS-3

GRASS

SS-5

SS-4

SS-12

SCHULTZ
VENDING

HOMETOWN
PILATES

VALHALLA
HOBBY

PATCH
CONSTRUCTION
(STORAGE)

OH DOOR

OH DOOR

MW-5

GRASS

KARATE
AMERICA

TRASH
ENCLOSURE

ASPHALT

ASPHALT

SIDEWALK

SIDEWALK

SIDEWALK

SIDEWALK

SIDEWALK

SIDEWALK

SHED

HOLIDAY INN
EXPRESS

TABLE 2
GROUNDWATER ANALYTICAL RESULTS
(DETECTED VOCs)
Smoke Out Cleaners
Verona, Wisconsin
Project No. 1E-1105024

Sample Location	NR 140 ¹ PAL (µg/L)	NR 140 ¹ ES (µg/L)	MW-1											PZ-1				
			9/5/14	1/19/17	6/28/17	9/27/17	10/23/19	1/28/20	4/30/20	8/26/20	9/28/22	12/13/22	3/13/23	7/6/23	9/28/22	12/13/22	3/13/23	7/6/23
DTW (ft TOC)			33.11	31.88	30.23	29.85	27.69	29.83	29.80	30.33	34.52	35.14	33.45	34.09	35.48	35.94	34.08	35.31
Detected VOCs (µg/L)																		
cis-1,2-Dichloroethene	7	70	<u>120</u>	<u>220</u>	<u>210</u>	<u>220</u>	<u>180</u>	<u>140</u>	<u>150</u>	<u>130</u>	<u>74</u>	<i>(62)</i>	<u>72</u>	<i>(52)</i>	1.4	0.94 J	<0.41	<0.41
trans-1,2-Dichloroethene	20	100	<1.3	<3.5	<3.5	<3.5	<7.0	<3.5	<3.5	<3.5	<1.7	<3.5	<3.5	<1.7	<0.35	<0.35	<0.35	<0.35
Ethylbenzene	140	700	<0.65	<1.8	<1.8	<1.8	<3.7	<1.8	<1.8	2.0 J	<0.92	<1.8	<1.8	<0.92	<0.18	<0.18	<0.18	<0.18
Naphthalene	10	100	<0.80	<0.34	8.3 J	<3.4	<i>(16 JB)</i>	<3.4	<3.4	7.9 J	<1.7	<3.4	8.5 JB	<1.7	<0.34	<0.34	<0.34	<0.34
Toluene	160	800	<0.55	3.8 J	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<0.76	<1.5	<1.5	<0.76	<0.15	<0.15	<0.15	<0.15
1,2,4-Trimethylbenzene	96	480	<0.70	<3.6	<3.6	<3.6	13 JB	<3.6	<3.6	<3.6	<1.8	<3.6	7.6 JB	<1.8	<0.36	<0.36	<0.36	<0.36
1,3,5-Trimethylbenzene	96	480	<0.90	<2.5	<2.5	<2.5	12 JB	<2.5	<2.5	<2.5	<1.3	<2.5	<2.5	<1.3	<0.25	<0.25	<0.25	<0.25
n-Butylbenzene	NS	NS	<0.65	<3.9	<3.9	<3.9	11 JB	<3.9	<3.9	<3.9	<1.9	<3.9	<3.9	<1.9	<0.39	<0.39	<0.39	<0.39
Styrene	10	100	<0.50	<3.9	<3.9	<3.9	9.8 JB	<3.9	<3.9	<3.9	<1.9	<3.9	<3.9	<1.9	<0.39	<0.39	<0.39	<0.39
Tetrachloroethene	0.5	5	<u>2.800</u>	<u>6.700</u>	<u>6.900</u>	<u>9.300</u>	<u>7.600</u>	<u>6.000</u>	<u>6.700</u>	<u>6.300</u>	<u>5.100</u>	<u>5.400</u>	<u>5.700</u>	<u>4.800</u>	<u>6.3</u>	<i>(2.8)</i>	<i>(1.9)</i>	<i>(1.5)</i>
Trichloroethene	0.5	5	<u>25</u>	<u>46</u>	<u>44</u>	<u>57</u>	<u>58</u>	<u>48</u>	<u>56</u>	<u>57</u>	<u>39</u>	<u>41</u>	<u>48</u>	<u>34</u>	<0.16	<0.16	<0.16	<0.16

NOTES:

(1): Wisconsin Administrative Code Natural Resources Chapter (NR) 140

ES: Enforcement Standard

PAL: Preventive Action Limit

NS: No Standard Established

DTW (ft TOC): Depth to water in feet below top of casing

VOCs: Volatile Organic Compounds

µg/L: Micrograms per Liter; equivalent to parts per billion (ppb)

--: Not analyzed

J: Result is less than the reporting limit but greater than the method detection limit and the concentration is an approximate value

B: Compound was found in the blank and sample

Concentrations expressed in *(Italics / Blue / Parentheses)* exceed NR 140 Preventive Action Limit

Concentrations expressed in Red / Underline exceed NR 140 Enforcement Standard

TABLE 2
GROUNDWATER ANALYTICAL RESULTS
(DETECTED VOCS)
Smoke Out Cleaners
Verona, Wisconsin
Project No. 1E-1105024

Sample Location	NR 140 ¹ PAL (µg/L)	NR 140 ¹ ES (µg/L)	MW-2											
			9/5/14	1/19/17	6/28/17	9/27/17	10/23/19	1/28/20	4/30/20	8/26/20	9/28/22	12/13/22	3/13/23	7/6/23
Sample Date														
DTW (ft TOC)			33.14	32.02	30.80	36.20	28.75	30.51	30.28	31.28	34.75	35.48	33.51	34.59
Detected VOCs (µg/L)														
cis-1,2-Dichloroethene	7	70	<0.12	<0.41	<0.41	<0.41	<0.41	<0.39	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
trans-1,2-Dichloroethene	20	100	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Ethylbenzene	140	700	<0.13	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Naphthalene	10	100	<0.16	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
Toluene	160	800	0.25 J	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
1,2,4-Trimethylbenzene	96	480	<0.14	<0.36	<0.36	<0.36	0.63 JB	<0.38	<0.36	<0.36	<0.36	<0.36	0.74 JB	<0.36
1,3,5-Trimethylbenzene	96	480	<0.18	<0.25	<0.25	<0.25	0.59 JB	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
n-Butylbenzene	NS	NS	<0.13	<0.39	<0.39	<0.39	0.52 JB	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Styrene	10	100	<0.10	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Tetrachloroethene	0.5	5	<0.17	<0.37	<0.37	<0.37	<0.37	(1.1)	<0.37	(0.80 J)	<0.37	<0.37	<0.37	<0.37
Trichloroethene	0.5	5	<0.19	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16

NOTES:

(1): Wisconsin Administrative Code Natural Resources Chapter (NR) 140

ES: Enforcement Standard

PAL: Preventive Action Limit

NS: No Standard Established

DTW (ft TOC): Depth to water in feet below top of casing

VOCs: Volatile Organic Compounds

µg/L: Micrograms per Liter; equivalent to parts per billion (ppb)

--: Not analyzed

J: Result is less than the reporting limit but greater than the method detection limit and the concentration is an approximate value

B: Compound was found in the blank and sample

Concentrations expressed in (Italics / Blue / Parentheses) exceed NR 140 Preventive Action Limit

Concentrations expressed in Red / Underline exceed NR 140 Enforcement Standard

TABLE 2
GROUNDWATER ANALYTICAL RESULTS
(DETECTED VOCS)
Smoke Out Cleaners
Verona, Wisconsin
Project No. 1E-1105024

Sample Location	NR 140 ¹ PAL (µg/L)	NR 140 ¹ ES (µg/L)	MW-3											
			9/5/14	1/19/17	6/28/17	9/27/17	10/23/19	1/29/20	4/30/20	8/26/20	9/28/22	12/13/22	3/13/23	7/6/23
Sample Date														
DTW (ft TOC)			33.38	32.44	31.15	31.10	29.15	30.91	30.71	31.75	35.54	35.94	34.14	35.13
Detected VOCs (µg/L)														
cis-1,2-Dichloroethene	7	70	(57)	<u>210</u>	<u>200</u>	<u>260</u>	<u>180</u>	<u>150</u>	<u>130</u>	<u>110</u>	<u>91</u>	<u>73</u>	<u>190</u>	<u>160</u>
trans-1,2-Dichloroethene	20	100	<0.25	0.57 J	0.60 J	<0.70	0.53 J	0.50 J	0.44 J	<0.35	<0.35	0.44 J	0.65 J	0.69 J
Ethylbenzene	140	700	<0.13	<0.18	<0.18	<0.37	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Naphthalene	10	100	<0.16	<0.34	<0.34	<0.67	0.66 JB	0.66 JB	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
Toluene	160	800	<0.11	<0.15	<0.15	<0.30	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
1,2,4-Trimethylbenzene	96	480	<0.14	<0.36	<0.36	<0.72	0.65 JB	<0.36	<0.36	<0.36	<0.36	<0.36	0.73 JB	<0.36
1,3,5-Trimethylbenzene	96	480	<0.18	<0.25	<0.25	<0.51	0.59 JB	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
n-Butylbenzene	NS	NS	<0.13	<0.39	<0.39	<0.78	0.53 JB	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Styrene	10	100	<0.10	<0.39	<0.39	<0.77	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Tetrachloroethene	0.5	5	<u>56</u>	<u>370</u>	<u>430</u>	<u>680</u>	<u>660</u>	<u>590</u>	<u>490</u>	<u>500</u>	<u>300</u>	<u>260</u>	<u>430</u>	<u>380</u>
Trichloroethene	0.5	5	(2.8)	<u>11</u>	<u>13</u>	<u>15</u>	<u>13</u>	<u>13</u>	<u>12</u>	<u>13</u>	<u>7.2</u>	<u>6.3</u>	<u>14</u>	<u>11</u>

NOTES:

(1): Wisconsin Administrative Code Natural Resources Chapter (NR) 140

ES: Enforcement Standard

PAL: Preventive Action Limit

NS: No Standard Established

DTW (ft TOC): Depth to water in feet below top of casing

VOCs: Volatile Organic Compounds

µg/L: Micrograms per Liter; equivalent to parts per billion (ppb)

--: Not analyzed

J: Result is less than the reporting limit but greater than the method detection limit and the concentration is an approximate value

B: Compound was found in the blank and sample

Concentrations expressed in (Italics / Blue / Parentheses) exceed NR 140 Preventive Action Limit

Concentrations expressed in Red / Underline exceed NR 140 Enforcement Standard

TABLE 2
GROUNDWATER ANALYTICAL RESULTS
(DETECTED VOCS)
Smoke Out Cleaners
Verona, Wisconsin
Project No. 1E-1105024

Sample Location	NR 140 ¹ PAL (µg/L)	NR 140 ¹ ES (µg/L)	MW-4											
			9/5/14	1/19/17	6/28/17	9/27/17	10/23/19	1/28/20	4/30/20	8/26/20	9/28/22	12/13/22	3/13/23	7/6/23
DTW (ft TOC)			28.54	27.25	24.05	25.13	22.39	25.25	24.99	26.23	30.68	31.58	28.13	30.40
Detected VOCs (µg/L)														
cis-1,2-Dichloroethene	7	70	<0.12	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
trans-1,2-Dichloroethene	20	100	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Ethylbenzene	140	700	<0.16	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Naphthalene	10	100	<0.16	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
Toluene	160	800	<0.11	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
1,2,4-Trimethylbenzene	96	480	<0.14	<0.36	<0.36	<0.36	0.63 JB	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,3,5-Trimethylbenzene	96	480	<0.18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
n-Butylbenzene	NS	NS	<0.13	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Styrene	10	100	<0.10	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Tetrachloroethene	0.5	5	<0.17	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Trichloroethene	0.5	5	<0.19	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16

NOTES:

(1): Wisconsin Administrative Code Natural Resources Chapter (NR) 140

ES: Enforcement Standard

PAL: Preventive Action Limit

NS: No Standard Established

DTW (ft TOC): Depth to water in feet below top of casing

VOCs: Volatile Organic Compounds

µg/L: Micrograms per Liter; equivalent to parts per billion (ppb)

--: Not analyzed

J: Result is less than the reporting limit but greater than the method detection limit and the concentration is an approximate value

B: Compound was found in the blank and sample

Concentrations expressed in (Italics / Blue / Parentheses) exceed NR 140 Preventive Action Limit

Concentrations expressed in Red / Underline exceed NR 140 Enforcement Standard

TABLE 2
GROUNDWATER ANALYTICAL RESULTS
(DETECTED VOCS)
Smoke Out Cleaners
Verona, Wisconsin
Project No. 1E-1105024

Sample Location	NR 140 ¹ PAL (µg/L)	NR 140 ¹ ES (µg/L)	MW-5											
			9/5/14	1/19/17	6/28/17	9/27/17	10/23/19	1/28/20	4/30/20	8/26/20	9/28/22	12/13/22	3/13/23	7/6/23
Sample Date														
DTW (ft TOC)			31.82	31.29	28.70	28.51	25.28	28.40	28.24	28.59	33.05	34.22	32.27	32.71
Detected VOCs (µg/L)														
cis-1,2-Dichloroethene	7	70	<0.12	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
trans-1,2-Dichloroethene	20	100	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Ethylbenzene	140	700	<0.13	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Naphthalene	10	100	<0.16	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
Toluene	160	800	<0.11	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
1,2,4-Trimethylbenzene	96	480	<0.14	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,3,5-Trimethylbenzene	96	480	<0.18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
n-Butylbenzene	NS	NS	<0.13	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Styrene	10	100	<0.10	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Tetrachloroethene	0.5	5	(2.5)	<0.37	<0.37	<0.37	(0.79 J)	(0.90 J)	(0.65 J)	(0.81 J)	<0.37	(0.57 J)	<0.37	0.88 J
Trichloroethene	0.5	5	<0.19	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16

NOTES:

(1): Wisconsin Administrative Code Natural Resources Chapter (NR) 140

ES: Enforcement Standard

PAL: Preventive Action Limit

NS: No Standard Established

DTW (ft TOC): Depth to water in feet below top of casing

VOCs: Volatile Organic Compounds

µg/L: Micrograms per Liter; equivalent to parts per billion (ppb)

--: Not analyzed

J: Result is less than the reporting limit but greater than the method detection limit and the concentration is an approximate value

B: Compound was found in the blank and sample

Concentrations expressed in (Italics / Blue / Parentheses) exceed NR 140 Preventive Action Limit

Concentrations expressed in Red / Underline exceed NR 140 Enforcement Standard

TABLE 2
GROUNDWATER ANALYTICAL RESULTS
(DETECTED VOCS)
Smoke Out Cleaners
Verona, Wisconsin
Project No. 1E-1105024

Sample Location	NR 140 ¹ PAL (µg/L)	NR 140 ¹ ES (µg/L)	MW-6								MW-7							
			10/23/19	1/28/20	4/30/20	8/26/20	9/28/22	12/13/22	3/13/23	7/6/23	10/23/19	1/28/20	4/30/20	8/26/20	9/28/22	12/13/22	3/13/23	
DTW (ft TOC)			27.41	29.49	28.14	30.19	34.69	34.98	33.22	33.50	22.04	27.19	26.20	27.76	31.01	32.56	29.20	
Detected VOCs (µg/L)																		
cis-1,2-Dichloroethene	7	70	<0.41	<0.41	<0.41	<0.41	<0.41	--	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	
trans-1,2-Dichloroethene	20	100	<0.35	<0.35	<0.35	<0.35	<0.35	--	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	
Ethylbenzene	140	700	<0.18	<0.18	<0.18	<0.18	<0.18	--	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	
Naphthalene	10	100	<0.34	<0.34	<0.34	<0.34	<0.34	--	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	
Toluene	160	800	<0.15	<0.15	<0.15	<0.15	<0.15	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	
1,2,4-Trimethylbenzene	96	480	<0.36	<0.36	<0.36	<0.36	<0.36	--	<0.36	<0.36	0.63 JB	0.63 JB	<0.36	<0.36	<0.36	<0.36	<0.36	
1,3,5-Trimethylbenzene	96	480	<0.25	<0.25	<0.25	<0.25	<0.25	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
n-Butylbenzene	NS	NS	<0.39	<0.39	<0.39	<0.39	<0.39	--	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	
Styrene	10	100	<0.39	<0.39	<0.39	<0.39	<0.39	--	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	
Tetrachloroethene	0.5	5	(1.1)	(1.2)	(1.8)	(1.6)	<u>6.1</u>	--	<u>7.4</u>	(4.7)	<u>43</u>	<u>30</u>	<u>27</u>	<u>29</u>	<u>33</u>	<u>31</u>	<u>35</u>	
Trichloroethene	0.5	5	<0.16	<0.16	<0.16	<0.16	<0.16	--	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	0.23 J	<0.16	

NOTES:

(1): Wisconsin Administrative Code Natural Resources Chapter (NR) 140

ES: Enforcement Standard

PAL: Preventive Action Limit

NS: No Standard Established

DTW (ft TOC): Depth to water in feet below top of casing

VOCs: Volatile Organic Compounds

µg/L: Micrograms per Liter; equivalent to parts per billion (ppb)

--: Not analyzed

J: Result is less than the reporting limit but greater than the method detection limit and the concentration is an approximate value

B: Compound was found in the blank and sample

Concentrations expressed in (Italics / Blue / Parentheses) exceed NR 140 Preventive Action Limit

Concentrations expressed in Red / Underline exceed NR 140 Enforcement Standard

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

ANALYTICAL REPORT

PREPARED FOR

Attn: Cody Reich
Giles Engineering Associates
N8 W 22350 Johnson Road
Waukesha, Wisconsin 53186

Generated 7/13/2023 2:41:57 PM

JOB DESCRIPTION

Smoke Out Cleaners - 1E-1105024

JOB NUMBER

500-236289-1

Eurofins Chicago

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

Results relate only to the items tested and the sample(s) as received by the laboratory. The results, detection limits (LOD) and Quantitation Limits (LOQ) have been adjusted for sample dilutions and/or solids content.

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.

Authorization



Generated
7/13/2023 2:41:57 PM

Authorized for release by
Sandie Fredrick, Project Manager II
Sandra.Fredrick@et.eurofinsus.com
(920)261-1660



Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Detection Summary	5
Method Summary	6
Sample Summary	7
Client Sample Results	8
Definitions	26
QC Association	27
Surrogate Summary	28
QC Sample Results	29
Chronicle	32
Certification Summary	34
Chain of Custody	35
Receipt Checklists	37

Case Narrative

Client: Giles Engineering Associates
Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Job ID: 500-236289-1

Laboratory: Eurofins Chicago

Narrative

**Job Narrative
500-236289-1**

Receipt

The samples were received on 7/8/2023 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.5° C.

GC/MS VOA

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

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Detection Summary

Client: Giles Engineering Associates
Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Client Sample ID: PZ-1

Lab Sample ID: 500-236289-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.5		1.0	0.37	ug/L	1		8260D	Total/NA

Client Sample ID: MW-1

Lab Sample ID: 500-236289-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	52		5.0	2.0	ug/L	5		8260D	Total/NA
Tetrachloroethene	4800		50	19	ug/L	50		8260D	Total/NA
Trichloroethene	34		2.5	0.82	ug/L	5		8260D	Total/NA

Client Sample ID: MW-2

Lab Sample ID: 500-236289-3

No Detections.

Client Sample ID: MW-3

Lab Sample ID: 500-236289-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	160		1.0	0.41	ug/L	1		8260D	Total/NA
Tetrachloroethene	380		10	3.7	ug/L	10		8260D	Total/NA
trans-1,2-Dichloroethene	0.69	J	1.0	0.35	ug/L	1		8260D	Total/NA
Trichloroethene	11		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: MW-4

Lab Sample ID: 500-236289-5

No Detections.

Client Sample ID: MW-5

Lab Sample ID: 500-236289-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.88	J	1.0	0.37	ug/L	1		8260D	Total/NA

Client Sample ID: MW-6

Lab Sample ID: 500-236289-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	4.7		1.0	0.37	ug/L	1		8260D	Total/NA

Client Sample ID: MW-7

Lab Sample ID: 500-236289-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	29		1.0	0.37	ug/L	1		8260D	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 500-236289-9

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Method Summary

Client: Giles Engineering Associates
Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
5030B	Purge and Trap	SW846	EET CHI

Protocol References:

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: Giles Engineering Associates
Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-236289-1	PZ-1	Water	07/06/23 12:10	07/08/23 10:10
500-236289-2	MW-1	Water	07/06/23 12:15	07/08/23 10:10
500-236289-3	MW-2	Water	07/06/23 08:50	07/08/23 10:10
500-236289-4	MW-3	Water	07/06/23 11:00	07/08/23 10:10
500-236289-5	MW-4	Water	07/06/23 07:50	07/08/23 10:10
500-236289-6	MW-5	Water	07/06/23 09:25	07/08/23 10:10
500-236289-7	MW-6	Water	07/06/23 09:55	07/08/23 10:10
500-236289-8	MW-7	Water	07/06/23 10:45	07/08/23 10:10
500-236289-9	Trip Blank	Water	07/06/23 00:00	07/08/23 10:10

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Client Sample Results

Client: Giles Engineering Associates
 Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Client Sample ID: PZ-1

Lab Sample ID: 500-236289-1

Date Collected: 07/06/23 12:10

Matrix: Water

Date Received: 07/08/23 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			07/13/23 02:11	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/13/23 02:11	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/13/23 02:11	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/13/23 02:11	1
Bromoform	<0.48		1.0	0.48	ug/L			07/13/23 02:11	1
Bromomethane	<0.80		3.0	0.80	ug/L			07/13/23 02:11	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/13/23 02:11	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/13/23 02:11	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/13/23 02:11	1
Chloroform	<0.37		2.0	0.37	ug/L			07/13/23 02:11	1
Chloromethane	<0.32	*	5.0	0.32	ug/L			07/13/23 02:11	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/13/23 02:11	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/13/23 02:11	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/13/23 02:11	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/13/23 02:11	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/13/23 02:11	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/13/23 02:11	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/13/23 02:11	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/13/23 02:11	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/13/23 02:11	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/13/23 02:11	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/13/23 02:11	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/13/23 02:11	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/13/23 02:11	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/13/23 02:11	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/13/23 02:11	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/13/23 02:11	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/13/23 02:11	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/13/23 02:11	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/13/23 02:11	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			07/13/23 02:11	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/13/23 02:11	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/13/23 02:11	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/13/23 02:11	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/13/23 02:11	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/13/23 02:11	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/13/23 02:11	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/13/23 02:11	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/13/23 02:11	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/13/23 02:11	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/13/23 02:11	1
Styrene	<0.39		1.0	0.39	ug/L			07/13/23 02:11	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/13/23 02:11	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/13/23 02:11	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/13/23 02:11	1
Tetrachloroethene	1.5		1.0	0.37	ug/L			07/13/23 02:11	1
Toluene	<0.15		0.50	0.15	ug/L			07/13/23 02:11	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/13/23 02:11	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/13/23 02:11	1

Eurofins Chicago

Client Sample Results

Client: Giles Engineering Associates
 Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Client Sample ID: PZ-1

Lab Sample ID: 500-236289-1

Date Collected: 07/06/23 12:10

Matrix: Water

Date Received: 07/08/23 10:10

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	<0.46		1.0	0.46	ug/L			07/13/23 02:11	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/13/23 02:11	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/13/23 02:11	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/13/23 02:11	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/13/23 02:11	1
Trichlorofluoromethane	<0.43	*-	1.0	0.43	ug/L			07/13/23 02:11	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/13/23 02:11	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/13/23 02:11	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/13/23 02:11	1
Vinyl chloride	<0.20	*-	1.0	0.20	ug/L			07/13/23 02:11	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/13/23 02:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		72 - 124		07/13/23 02:11	1
Dibromofluoromethane (Surr)	93		75 - 120		07/13/23 02:11	1
1,2-Dichloroethane-d4 (Surr)	103		75 - 126		07/13/23 02:11	1
Toluene-d8 (Surr)	99		75 - 120		07/13/23 02:11	1

Client Sample Results

Client: Giles Engineering Associates
 Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Client Sample ID: MW-1

Lab Sample ID: 500-236289-2

Date Collected: 07/06/23 12:15

Matrix: Water

Date Received: 07/08/23 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.73		2.5	0.73	ug/L			07/13/23 05:25	5
Bromobenzene	<1.8		5.0	1.8	ug/L			07/13/23 05:25	5
Bromochloromethane	<2.1		5.0	2.1	ug/L			07/13/23 05:25	5
Bromodichloromethane	<1.9		5.0	1.9	ug/L			07/13/23 05:25	5
Bromoform	<2.4		5.0	2.4	ug/L			07/13/23 05:25	5
Bromomethane	<4.0		15	4.0	ug/L			07/13/23 05:25	5
Carbon tetrachloride	<1.9		5.0	1.9	ug/L			07/13/23 05:25	5
Chlorobenzene	<1.9		5.0	1.9	ug/L			07/13/23 05:25	5
Chloroethane	<2.5		5.0	2.5	ug/L			07/13/23 05:25	5
Chloroform	<1.9		10	1.9	ug/L			07/13/23 05:25	5
Chloromethane	<1.6	*	25	1.6	ug/L			07/13/23 05:25	5
2-Chlorotoluene	<1.6		5.0	1.6	ug/L			07/13/23 05:25	5
4-Chlorotoluene	<1.7		5.0	1.7	ug/L			07/13/23 05:25	5
cis-1,2-Dichloroethene	52		5.0	2.0	ug/L			07/13/23 05:25	5
cis-1,3-Dichloropropene	<2.1		5.0	2.1	ug/L			07/13/23 05:25	5
Dibromochloromethane	<2.4		5.0	2.4	ug/L			07/13/23 05:25	5
1,2-Dibromo-3-Chloropropane	<10		25	10	ug/L			07/13/23 05:25	5
Dibromomethane	<1.4		5.0	1.4	ug/L			07/13/23 05:25	5
1,2-Dichlorobenzene	<1.7		5.0	1.7	ug/L			07/13/23 05:25	5
1,3-Dichlorobenzene	<2.0		5.0	2.0	ug/L			07/13/23 05:25	5
1,4-Dichlorobenzene	<1.8		5.0	1.8	ug/L			07/13/23 05:25	5
Dichlorodifluoromethane	<3.4		15	3.4	ug/L			07/13/23 05:25	5
1,1-Dichloroethane	<2.1		5.0	2.1	ug/L			07/13/23 05:25	5
1,2-Dichloroethane	<2.0		5.0	2.0	ug/L			07/13/23 05:25	5
1,1-Dichloroethene	<2.0		5.0	2.0	ug/L			07/13/23 05:25	5
1,2-Dichloropropane	<2.1		5.0	2.1	ug/L			07/13/23 05:25	5
1,3-Dichloropropane	<1.8		5.0	1.8	ug/L			07/13/23 05:25	5
2,2-Dichloropropane	<2.2		5.0	2.2	ug/L			07/13/23 05:25	5
1,1-Dichloropropene	<1.5		5.0	1.5	ug/L			07/13/23 05:25	5
Ethylbenzene	<0.92		2.5	0.92	ug/L			07/13/23 05:25	5
Ethylene Dibromide	<1.9		5.0	1.9	ug/L			07/13/23 05:25	5
Hexachlorobutadiene	<2.2		5.0	2.2	ug/L			07/13/23 05:25	5
Isopropylbenzene	<1.9		5.0	1.9	ug/L			07/13/23 05:25	5
Isopropyl ether	<1.4		5.0	1.4	ug/L			07/13/23 05:25	5
Methylene Chloride	<8.2		25	8.2	ug/L			07/13/23 05:25	5
Methyl tert-butyl ether	<2.0		5.0	2.0	ug/L			07/13/23 05:25	5
Naphthalene	<1.7		5.0	1.7	ug/L			07/13/23 05:25	5
n-Butylbenzene	<1.9		5.0	1.9	ug/L			07/13/23 05:25	5
N-Propylbenzene	<2.1		5.0	2.1	ug/L			07/13/23 05:25	5
p-Isopropyltoluene	<1.8		5.0	1.8	ug/L			07/13/23 05:25	5
sec-Butylbenzene	<2.0		5.0	2.0	ug/L			07/13/23 05:25	5
Styrene	<1.9		5.0	1.9	ug/L			07/13/23 05:25	5
tert-Butylbenzene	<2.0		5.0	2.0	ug/L			07/13/23 05:25	5
1,1,1,2-Tetrachloroethane	<2.3		5.0	2.3	ug/L			07/13/23 05:25	5
1,1,2,2-Tetrachloroethane	<2.0		5.0	2.0	ug/L			07/13/23 05:25	5
Tetrachloroethene	4800		50	19	ug/L			07/13/23 05:49	50
Toluene	<0.76		2.5	0.76	ug/L			07/13/23 05:25	5
trans-1,2-Dichloroethene	<1.7		5.0	1.7	ug/L			07/13/23 05:25	5
trans-1,3-Dichloropropene	<1.8		5.0	1.8	ug/L			07/13/23 05:25	5

Eurofins Chicago

Client Sample Results

Client: Giles Engineering Associates
 Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Client Sample ID: MW-1

Lab Sample ID: 500-236289-2

Date Collected: 07/06/23 12:15

Matrix: Water

Date Received: 07/08/23 10:10

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	<2.3		5.0	2.3	ug/L			07/13/23 05:25	5
1,2,4-Trichlorobenzene	<1.7		5.0	1.7	ug/L			07/13/23 05:25	5
1,1,1-Trichloroethane	<1.9		5.0	1.9	ug/L			07/13/23 05:25	5
1,1,2-Trichloroethane	<1.8		5.0	1.8	ug/L			07/13/23 05:25	5
Trichloroethene	34		2.5	0.82	ug/L			07/13/23 05:25	5
Trichlorofluoromethane	<2.1	*-	5.0	2.1	ug/L			07/13/23 05:25	5
1,2,3-Trichloropropane	<2.1		10	2.1	ug/L			07/13/23 05:25	5
1,2,4-Trimethylbenzene	<1.8		5.0	1.8	ug/L			07/13/23 05:25	5
1,3,5-Trimethylbenzene	<1.3		5.0	1.3	ug/L			07/13/23 05:25	5
Vinyl chloride	<1.0	*-	5.0	1.0	ug/L			07/13/23 05:25	5
Xylenes, Total	<1.1		5.0	1.1	ug/L			07/13/23 05:25	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		72 - 124		07/13/23 05:25	5
4-Bromofluorobenzene (Surr)	115		72 - 124		07/13/23 05:49	50
Dibromofluoromethane (Surr)	98		75 - 120		07/13/23 05:25	5
Dibromofluoromethane (Surr)	96		75 - 120		07/13/23 05:49	50
1,2-Dichloroethane-d4 (Surr)	102		75 - 126		07/13/23 05:25	5
1,2-Dichloroethane-d4 (Surr)	102		75 - 126		07/13/23 05:49	50
Toluene-d8 (Surr)	96		75 - 120		07/13/23 05:25	5
Toluene-d8 (Surr)	96		75 - 120		07/13/23 05:49	50

Client Sample Results

Client: Giles Engineering Associates
 Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Client Sample ID: MW-2

Lab Sample ID: 500-236289-3

Date Collected: 07/06/23 08:50

Matrix: Water

Date Received: 07/08/23 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			07/13/23 02:35	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/13/23 02:35	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/13/23 02:35	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/13/23 02:35	1
Bromoform	<0.48		1.0	0.48	ug/L			07/13/23 02:35	1
Bromomethane	<0.80		3.0	0.80	ug/L			07/13/23 02:35	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/13/23 02:35	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/13/23 02:35	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/13/23 02:35	1
Chloroform	<0.37		2.0	0.37	ug/L			07/13/23 02:35	1
Chloromethane	<0.32	*	5.0	0.32	ug/L			07/13/23 02:35	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/13/23 02:35	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/13/23 02:35	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/13/23 02:35	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/13/23 02:35	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/13/23 02:35	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/13/23 02:35	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/13/23 02:35	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/13/23 02:35	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/13/23 02:35	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/13/23 02:35	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/13/23 02:35	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/13/23 02:35	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/13/23 02:35	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/13/23 02:35	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/13/23 02:35	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/13/23 02:35	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/13/23 02:35	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/13/23 02:35	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/13/23 02:35	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			07/13/23 02:35	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/13/23 02:35	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/13/23 02:35	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/13/23 02:35	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/13/23 02:35	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/13/23 02:35	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/13/23 02:35	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/13/23 02:35	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/13/23 02:35	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/13/23 02:35	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/13/23 02:35	1
Styrene	<0.39		1.0	0.39	ug/L			07/13/23 02:35	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/13/23 02:35	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/13/23 02:35	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/13/23 02:35	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/13/23 02:35	1
Toluene	<0.15		0.50	0.15	ug/L			07/13/23 02:35	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/13/23 02:35	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/13/23 02:35	1

Eurofins Chicago

Client Sample Results

Client: Giles Engineering Associates
 Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Client Sample ID: MW-2

Lab Sample ID: 500-236289-3

Date Collected: 07/06/23 08:50

Matrix: Water

Date Received: 07/08/23 10:10

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	<0.46		1.0	0.46	ug/L			07/13/23 02:35	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/13/23 02:35	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/13/23 02:35	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/13/23 02:35	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/13/23 02:35	1
Trichlorofluoromethane	<0.43	*-	1.0	0.43	ug/L			07/13/23 02:35	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/13/23 02:35	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/13/23 02:35	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/13/23 02:35	1
Vinyl chloride	<0.20	*-	1.0	0.20	ug/L			07/13/23 02:35	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/13/23 02:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		72 - 124		07/13/23 02:35	1
Dibromofluoromethane (Surr)	94		75 - 120		07/13/23 02:35	1
1,2-Dichloroethane-d4 (Surr)	98		75 - 126		07/13/23 02:35	1
Toluene-d8 (Surr)	97		75 - 120		07/13/23 02:35	1

Client Sample Results

Client: Giles Engineering Associates
 Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Client Sample ID: MW-3
Date Collected: 07/06/23 11:00
Date Received: 07/08/23 10:10

Lab Sample ID: 500-236289-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			07/13/23 04:36	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/13/23 04:36	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/13/23 04:36	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/13/23 04:36	1
Bromoform	<0.48		1.0	0.48	ug/L			07/13/23 04:36	1
Bromomethane	<0.80		3.0	0.80	ug/L			07/13/23 04:36	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/13/23 04:36	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/13/23 04:36	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/13/23 04:36	1
Chloroform	<0.37		2.0	0.37	ug/L			07/13/23 04:36	1
Chloromethane	<0.32	*	5.0	0.32	ug/L			07/13/23 04:36	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/13/23 04:36	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/13/23 04:36	1
cis-1,2-Dichloroethene	160		1.0	0.41	ug/L			07/13/23 04:36	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/13/23 04:36	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/13/23 04:36	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/13/23 04:36	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/13/23 04:36	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/13/23 04:36	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/13/23 04:36	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/13/23 04:36	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/13/23 04:36	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/13/23 04:36	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/13/23 04:36	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/13/23 04:36	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/13/23 04:36	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/13/23 04:36	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/13/23 04:36	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/13/23 04:36	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/13/23 04:36	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			07/13/23 04:36	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/13/23 04:36	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/13/23 04:36	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/13/23 04:36	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/13/23 04:36	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/13/23 04:36	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/13/23 04:36	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/13/23 04:36	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/13/23 04:36	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/13/23 04:36	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/13/23 04:36	1
Styrene	<0.39		1.0	0.39	ug/L			07/13/23 04:36	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/13/23 04:36	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/13/23 04:36	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/13/23 04:36	1
Tetrachloroethene	380		10	3.7	ug/L			07/13/23 05:00	10
Toluene	<0.15		0.50	0.15	ug/L			07/13/23 04:36	1
trans-1,2-Dichloroethene	0.69 J		1.0	0.35	ug/L			07/13/23 04:36	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/13/23 04:36	1

Eurofins Chicago

Client Sample Results

Client: Giles Engineering Associates
 Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Client Sample ID: MW-3

Lab Sample ID: 500-236289-4

Date Collected: 07/06/23 11:00

Matrix: Water

Date Received: 07/08/23 10:10

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	<0.46		1.0	0.46	ug/L			07/13/23 04:36	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/13/23 04:36	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/13/23 04:36	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/13/23 04:36	1
Trichloroethene	11		0.50	0.16	ug/L			07/13/23 04:36	1
Trichlorofluoromethane	<0.43	*-	1.0	0.43	ug/L			07/13/23 04:36	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/13/23 04:36	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/13/23 04:36	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/13/23 04:36	1
Vinyl chloride	<0.20	*-	1.0	0.20	ug/L			07/13/23 04:36	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/13/23 04:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		72 - 124		07/13/23 04:36	1
4-Bromofluorobenzene (Surr)	113		72 - 124		07/13/23 05:00	10
Dibromofluoromethane (Surr)	96		75 - 120		07/13/23 04:36	1
Dibromofluoromethane (Surr)	98		75 - 120		07/13/23 05:00	10
1,2-Dichloroethane-d4 (Surr)	100		75 - 126		07/13/23 04:36	1
1,2-Dichloroethane-d4 (Surr)	95		75 - 126		07/13/23 05:00	10
Toluene-d8 (Surr)	98		75 - 120		07/13/23 04:36	1
Toluene-d8 (Surr)	97		75 - 120		07/13/23 05:00	10

Client Sample Results

Client: Giles Engineering Associates
 Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Client Sample ID: MW-4

Lab Sample ID: 500-236289-5

Date Collected: 07/06/23 07:50

Matrix: Water

Date Received: 07/08/23 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			07/13/23 02:59	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/13/23 02:59	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/13/23 02:59	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/13/23 02:59	1
Bromoform	<0.48		1.0	0.48	ug/L			07/13/23 02:59	1
Bromomethane	<0.80		3.0	0.80	ug/L			07/13/23 02:59	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/13/23 02:59	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/13/23 02:59	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/13/23 02:59	1
Chloroform	<0.37		2.0	0.37	ug/L			07/13/23 02:59	1
Chloromethane	<0.32	*	5.0	0.32	ug/L			07/13/23 02:59	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/13/23 02:59	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/13/23 02:59	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/13/23 02:59	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/13/23 02:59	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/13/23 02:59	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/13/23 02:59	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/13/23 02:59	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/13/23 02:59	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/13/23 02:59	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/13/23 02:59	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/13/23 02:59	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/13/23 02:59	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/13/23 02:59	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/13/23 02:59	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/13/23 02:59	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/13/23 02:59	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/13/23 02:59	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/13/23 02:59	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/13/23 02:59	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			07/13/23 02:59	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/13/23 02:59	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/13/23 02:59	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/13/23 02:59	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/13/23 02:59	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/13/23 02:59	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/13/23 02:59	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/13/23 02:59	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/13/23 02:59	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/13/23 02:59	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/13/23 02:59	1
Styrene	<0.39		1.0	0.39	ug/L			07/13/23 02:59	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/13/23 02:59	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/13/23 02:59	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/13/23 02:59	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/13/23 02:59	1
Toluene	<0.15		0.50	0.15	ug/L			07/13/23 02:59	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/13/23 02:59	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/13/23 02:59	1

Eurofins Chicago

Client Sample Results

Client: Giles Engineering Associates
 Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Client Sample ID: MW-4

Lab Sample ID: 500-236289-5

Date Collected: 07/06/23 07:50

Matrix: Water

Date Received: 07/08/23 10:10

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	<0.46		1.0	0.46	ug/L			07/13/23 02:59	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/13/23 02:59	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/13/23 02:59	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/13/23 02:59	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/13/23 02:59	1
Trichlorofluoromethane	<0.43	*-	1.0	0.43	ug/L			07/13/23 02:59	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/13/23 02:59	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/13/23 02:59	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/13/23 02:59	1
Vinyl chloride	<0.20	*-	1.0	0.20	ug/L			07/13/23 02:59	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/13/23 02:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		72 - 124		07/13/23 02:59	1
Dibromofluoromethane (Surr)	94		75 - 120		07/13/23 02:59	1
1,2-Dichloroethane-d4 (Surr)	102		75 - 126		07/13/23 02:59	1
Toluene-d8 (Surr)	98		75 - 120		07/13/23 02:59	1

Client Sample Results

Client: Giles Engineering Associates
 Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Client Sample ID: MW-5
Date Collected: 07/06/23 09:25
Date Received: 07/08/23 10:10

Lab Sample ID: 500-236289-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			07/13/23 03:24	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/13/23 03:24	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/13/23 03:24	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/13/23 03:24	1
Bromoform	<0.48		1.0	0.48	ug/L			07/13/23 03:24	1
Bromomethane	<0.80		3.0	0.80	ug/L			07/13/23 03:24	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/13/23 03:24	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/13/23 03:24	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/13/23 03:24	1
Chloroform	<0.37		2.0	0.37	ug/L			07/13/23 03:24	1
Chloromethane	<0.32	*	5.0	0.32	ug/L			07/13/23 03:24	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/13/23 03:24	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/13/23 03:24	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/13/23 03:24	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/13/23 03:24	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/13/23 03:24	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/13/23 03:24	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/13/23 03:24	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/13/23 03:24	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/13/23 03:24	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/13/23 03:24	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/13/23 03:24	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/13/23 03:24	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/13/23 03:24	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/13/23 03:24	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/13/23 03:24	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/13/23 03:24	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/13/23 03:24	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/13/23 03:24	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/13/23 03:24	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			07/13/23 03:24	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/13/23 03:24	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/13/23 03:24	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/13/23 03:24	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/13/23 03:24	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/13/23 03:24	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/13/23 03:24	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/13/23 03:24	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/13/23 03:24	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/13/23 03:24	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/13/23 03:24	1
Styrene	<0.39		1.0	0.39	ug/L			07/13/23 03:24	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/13/23 03:24	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/13/23 03:24	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/13/23 03:24	1
Tetrachloroethene	0.88	J	1.0	0.37	ug/L			07/13/23 03:24	1
Toluene	<0.15		0.50	0.15	ug/L			07/13/23 03:24	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/13/23 03:24	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/13/23 03:24	1

Eurofins Chicago

Client Sample Results

Client: Giles Engineering Associates
 Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Client Sample ID: MW-5

Lab Sample ID: 500-236289-6

Date Collected: 07/06/23 09:25

Matrix: Water

Date Received: 07/08/23 10:10

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	<0.46		1.0	0.46	ug/L			07/13/23 03:24	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/13/23 03:24	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/13/23 03:24	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/13/23 03:24	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/13/23 03:24	1
Trichlorofluoromethane	<0.43	*-	1.0	0.43	ug/L			07/13/23 03:24	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/13/23 03:24	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/13/23 03:24	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/13/23 03:24	1
Vinyl chloride	<0.20	*-	1.0	0.20	ug/L			07/13/23 03:24	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/13/23 03:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		72 - 124		07/13/23 03:24	1
Dibromofluoromethane (Surr)	95		75 - 120		07/13/23 03:24	1
1,2-Dichloroethane-d4 (Surr)	102		75 - 126		07/13/23 03:24	1
Toluene-d8 (Surr)	97		75 - 120		07/13/23 03:24	1

Client Sample Results

Client: Giles Engineering Associates
 Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Client Sample ID: MW-6

Lab Sample ID: 500-236289-7

Date Collected: 07/06/23 09:55

Matrix: Water

Date Received: 07/08/23 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			07/13/23 03:48	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/13/23 03:48	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/13/23 03:48	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/13/23 03:48	1
Bromoform	<0.48		1.0	0.48	ug/L			07/13/23 03:48	1
Bromomethane	<0.80		3.0	0.80	ug/L			07/13/23 03:48	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/13/23 03:48	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/13/23 03:48	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/13/23 03:48	1
Chloroform	<0.37		2.0	0.37	ug/L			07/13/23 03:48	1
Chloromethane	<0.32	*	5.0	0.32	ug/L			07/13/23 03:48	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/13/23 03:48	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/13/23 03:48	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/13/23 03:48	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/13/23 03:48	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/13/23 03:48	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/13/23 03:48	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/13/23 03:48	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/13/23 03:48	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/13/23 03:48	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/13/23 03:48	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/13/23 03:48	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/13/23 03:48	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/13/23 03:48	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/13/23 03:48	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/13/23 03:48	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/13/23 03:48	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/13/23 03:48	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/13/23 03:48	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/13/23 03:48	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			07/13/23 03:48	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/13/23 03:48	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/13/23 03:48	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/13/23 03:48	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/13/23 03:48	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/13/23 03:48	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/13/23 03:48	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/13/23 03:48	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/13/23 03:48	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/13/23 03:48	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/13/23 03:48	1
Styrene	<0.39		1.0	0.39	ug/L			07/13/23 03:48	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/13/23 03:48	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/13/23 03:48	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/13/23 03:48	1
Tetrachloroethene	4.7		1.0	0.37	ug/L			07/13/23 03:48	1
Toluene	<0.15		0.50	0.15	ug/L			07/13/23 03:48	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/13/23 03:48	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/13/23 03:48	1

Eurofins Chicago

Client Sample Results

Client: Giles Engineering Associates
 Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Client Sample ID: MW-6

Lab Sample ID: 500-236289-7

Date Collected: 07/06/23 09:55

Matrix: Water

Date Received: 07/08/23 10:10

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	<0.46		1.0	0.46	ug/L			07/13/23 03:48	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/13/23 03:48	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/13/23 03:48	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/13/23 03:48	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/13/23 03:48	1
Trichlorofluoromethane	<0.43	*-	1.0	0.43	ug/L			07/13/23 03:48	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/13/23 03:48	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/13/23 03:48	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/13/23 03:48	1
Vinyl chloride	<0.20	*-	1.0	0.20	ug/L			07/13/23 03:48	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/13/23 03:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		72 - 124		07/13/23 03:48	1
Dibromofluoromethane (Surr)	93		75 - 120		07/13/23 03:48	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126		07/13/23 03:48	1
Toluene-d8 (Surr)	97		75 - 120		07/13/23 03:48	1

Client Sample Results

Client: Giles Engineering Associates
 Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Client Sample ID: MW-7

Lab Sample ID: 500-236289-8

Date Collected: 07/06/23 10:45

Matrix: Water

Date Received: 07/08/23 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			07/13/23 04:12	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/13/23 04:12	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/13/23 04:12	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/13/23 04:12	1
Bromoform	<0.48		1.0	0.48	ug/L			07/13/23 04:12	1
Bromomethane	<0.80		3.0	0.80	ug/L			07/13/23 04:12	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/13/23 04:12	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/13/23 04:12	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/13/23 04:12	1
Chloroform	<0.37		2.0	0.37	ug/L			07/13/23 04:12	1
Chloromethane	<0.32	*-	5.0	0.32	ug/L			07/13/23 04:12	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/13/23 04:12	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/13/23 04:12	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/13/23 04:12	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/13/23 04:12	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/13/23 04:12	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/13/23 04:12	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/13/23 04:12	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/13/23 04:12	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/13/23 04:12	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/13/23 04:12	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/13/23 04:12	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/13/23 04:12	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/13/23 04:12	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/13/23 04:12	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/13/23 04:12	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/13/23 04:12	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/13/23 04:12	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/13/23 04:12	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/13/23 04:12	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			07/13/23 04:12	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/13/23 04:12	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/13/23 04:12	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/13/23 04:12	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/13/23 04:12	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/13/23 04:12	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/13/23 04:12	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/13/23 04:12	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/13/23 04:12	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/13/23 04:12	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/13/23 04:12	1
Styrene	<0.39		1.0	0.39	ug/L			07/13/23 04:12	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/13/23 04:12	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/13/23 04:12	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/13/23 04:12	1
Tetrachloroethene	29		1.0	0.37	ug/L			07/13/23 04:12	1
Toluene	<0.15		0.50	0.15	ug/L			07/13/23 04:12	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/13/23 04:12	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/13/23 04:12	1

Eurofins Chicago

Client Sample Results

Client: Giles Engineering Associates
 Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Client Sample ID: MW-7

Lab Sample ID: 500-236289-8

Date Collected: 07/06/23 10:45

Matrix: Water

Date Received: 07/08/23 10:10

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	<0.46		1.0	0.46	ug/L			07/13/23 04:12	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/13/23 04:12	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/13/23 04:12	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/13/23 04:12	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/13/23 04:12	1
Trichlorofluoromethane	<0.43	*-	1.0	0.43	ug/L			07/13/23 04:12	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/13/23 04:12	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/13/23 04:12	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/13/23 04:12	1
Vinyl chloride	<0.20	*-	1.0	0.20	ug/L			07/13/23 04:12	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/13/23 04:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		72 - 124		07/13/23 04:12	1
Dibromofluoromethane (Surr)	96		75 - 120		07/13/23 04:12	1
1,2-Dichloroethane-d4 (Surr)	102		75 - 126		07/13/23 04:12	1
Toluene-d8 (Surr)	96		75 - 120		07/13/23 04:12	1

Client Sample Results

Client: Giles Engineering Associates
 Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-236289-9

Date Collected: 07/06/23 00:00

Matrix: Water

Date Received: 07/08/23 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			07/12/23 22:58	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/12/23 22:58	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/12/23 22:58	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/12/23 22:58	1
Bromoform	<0.48		1.0	0.48	ug/L			07/12/23 22:58	1
Bromomethane	<0.80		3.0	0.80	ug/L			07/12/23 22:58	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/12/23 22:58	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/12/23 22:58	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/12/23 22:58	1
Chloroform	<0.37		2.0	0.37	ug/L			07/12/23 22:58	1
Chloromethane	<0.32	*	5.0	0.32	ug/L			07/12/23 22:58	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/12/23 22:58	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/12/23 22:58	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/12/23 22:58	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/12/23 22:58	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/12/23 22:58	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/12/23 22:58	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/12/23 22:58	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/12/23 22:58	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/12/23 22:58	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/12/23 22:58	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/12/23 22:58	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/12/23 22:58	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/12/23 22:58	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/12/23 22:58	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/12/23 22:58	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/12/23 22:58	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/12/23 22:58	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/12/23 22:58	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/12/23 22:58	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			07/12/23 22:58	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/12/23 22:58	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/12/23 22:58	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/12/23 22:58	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/12/23 22:58	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/12/23 22:58	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/12/23 22:58	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/12/23 22:58	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/12/23 22:58	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/12/23 22:58	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/12/23 22:58	1
Styrene	<0.39		1.0	0.39	ug/L			07/12/23 22:58	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/12/23 22:58	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/12/23 22:58	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/12/23 22:58	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/12/23 22:58	1
Toluene	<0.15		0.50	0.15	ug/L			07/12/23 22:58	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/12/23 22:58	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/12/23 22:58	1

Eurofins Chicago

Client Sample Results

Client: Giles Engineering Associates
 Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-236289-9

Date Collected: 07/06/23 00:00

Matrix: Water

Date Received: 07/08/23 10:10

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	<0.46		1.0	0.46	ug/L			07/12/23 22:58	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/12/23 22:58	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/12/23 22:58	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/12/23 22:58	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/12/23 22:58	1
Trichlorofluoromethane	<0.43	*-	1.0	0.43	ug/L			07/12/23 22:58	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/12/23 22:58	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/12/23 22:58	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/12/23 22:58	1
Vinyl chloride	<0.20	*-	1.0	0.20	ug/L			07/12/23 22:58	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/12/23 22:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		72 - 124		07/12/23 22:58	1
Dibromofluoromethane (Surr)	93		75 - 120		07/12/23 22:58	1
1,2-Dichloroethane-d4 (Surr)	98		75 - 126		07/12/23 22:58	1
Toluene-d8 (Surr)	99		75 - 120		07/12/23 22:58	1

Definitions/Glossary

Client: Giles Engineering Associates
Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Qualifiers

GC/MS VOA

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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

QC Association Summary

Client: Giles Engineering Associates
Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

GC/MS VOA

Analysis Batch: 722819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-236289-1	PZ-1	Total/NA	Water	8260D	
500-236289-2	MW-1	Total/NA	Water	8260D	
500-236289-2	MW-1	Total/NA	Water	8260D	
500-236289-3	MW-2	Total/NA	Water	8260D	
500-236289-4	MW-3	Total/NA	Water	8260D	
500-236289-4	MW-3	Total/NA	Water	8260D	
500-236289-5	MW-4	Total/NA	Water	8260D	
500-236289-6	MW-5	Total/NA	Water	8260D	
500-236289-7	MW-6	Total/NA	Water	8260D	
500-236289-8	MW-7	Total/NA	Water	8260D	
500-236289-9	Trip Blank	Total/NA	Water	8260D	
MB 500-722819/6	Method Blank	Total/NA	Water	8260D	
LCS 500-722819/4	Lab Control Sample	Total/NA	Water	8260D	

Surrogate Summary

Client: Giles Engineering Associates
 Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB	DBFM	DCA	TOL
		(72-124)	(75-120)	(75-126)	(75-120)
500-236289-1	PZ-1	113	93	103	99
500-236289-2	MW-1	110	98	102	96
500-236289-2	MW-1	115	96	102	96
500-236289-3	MW-2	112	94	98	97
500-236289-4	MW-3	112	96	100	98
500-236289-4	MW-3	113	98	95	97
500-236289-5	MW-4	113	94	102	98
500-236289-6	MW-5	114	95	102	97
500-236289-7	MW-6	110	93	99	97
500-236289-8	MW-7	113	96	102	96
500-236289-9	Trip Blank	112	93	98	99
LCS 500-722819/4	Lab Control Sample	101	97	96	97
MB 500-722819/6	Method Blank	113	92	96	96

Surrogate Legend

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

QC Sample Results

Client: Giles Engineering Associates
 Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

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

Lab Sample ID: MB 500-722819/6
Matrix: Water
Analysis Batch: 722819

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.15		0.50	0.15	ug/L			07/12/23 22:07	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/12/23 22:07	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/12/23 22:07	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/12/23 22:07	1
Bromoform	<0.48		1.0	0.48	ug/L			07/12/23 22:07	1
Bromomethane	<0.80		3.0	0.80	ug/L			07/12/23 22:07	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/12/23 22:07	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/12/23 22:07	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/12/23 22:07	1
Chloroform	<0.37		2.0	0.37	ug/L			07/12/23 22:07	1
Chloromethane	<0.32		5.0	0.32	ug/L			07/12/23 22:07	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/12/23 22:07	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/12/23 22:07	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			07/12/23 22:07	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/12/23 22:07	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/12/23 22:07	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/12/23 22:07	1
Dibromomethane	<0.27		1.0	0.27	ug/L			07/12/23 22:07	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/12/23 22:07	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/12/23 22:07	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/12/23 22:07	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/12/23 22:07	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/12/23 22:07	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/12/23 22:07	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/12/23 22:07	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/12/23 22:07	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/12/23 22:07	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/12/23 22:07	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/12/23 22:07	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/12/23 22:07	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			07/12/23 22:07	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/12/23 22:07	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/12/23 22:07	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/12/23 22:07	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/12/23 22:07	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/12/23 22:07	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/12/23 22:07	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/12/23 22:07	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/12/23 22:07	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/12/23 22:07	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/12/23 22:07	1
Styrene	<0.39		1.0	0.39	ug/L			07/12/23 22:07	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/12/23 22:07	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/12/23 22:07	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/12/23 22:07	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			07/12/23 22:07	1
Toluene	<0.15		0.50	0.15	ug/L			07/12/23 22:07	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			07/12/23 22:07	1

Eurofins Chicago

QC Sample Results

Client: Giles Engineering Associates
 Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

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

Lab Sample ID: MB 500-722819/6
Matrix: Water
Analysis Batch: 722819

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/12/23 22:07	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/12/23 22:07	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/12/23 22:07	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/12/23 22:07	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/12/23 22:07	1
Trichloroethene	<0.16		0.50	0.16	ug/L			07/12/23 22:07	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/12/23 22:07	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/12/23 22:07	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/12/23 22:07	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/12/23 22:07	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/12/23 22:07	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/12/23 22:07	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	113		72 - 124		07/12/23 22:07	1
Dibromofluoromethane (Surr)	92		75 - 120		07/12/23 22:07	1
1,2-Dichloroethane-d4 (Surr)	96		75 - 126		07/12/23 22:07	1
Toluene-d8 (Surr)	96		75 - 120		07/12/23 22:07	1

Lab Sample ID: LCS 500-722819/4
Matrix: Water
Analysis Batch: 722819

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

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	50.0	47.4		ug/L		95	70 - 120
Bromobenzene	50.0	45.8		ug/L		92	70 - 122
Bromochloromethane	50.0	43.2		ug/L		86	65 - 122
Bromodichloromethane	50.0	43.6		ug/L		87	69 - 120
Bromoform	50.0	37.6		ug/L		75	56 - 132
Bromomethane	50.0	52.6		ug/L		105	40 - 152
Carbon tetrachloride	50.0	45.8		ug/L		92	59 - 133
Chlorobenzene	50.0	46.5		ug/L		93	70 - 120
Chloroethane	50.0	57.4		ug/L		115	48 - 136
Chloroform	50.0	45.9		ug/L		92	70 - 120
Chloromethane	50.0	52.7		ug/L		105	56 - 152
2-Chlorotoluene	50.0	46.2		ug/L		92	70 - 125
4-Chlorotoluene	50.0	45.6		ug/L		91	68 - 124
cis-1,2-Dichloroethene	50.0	45.6		ug/L		91	70 - 125
cis-1,3-Dichloropropene	50.0	45.1		ug/L		90	64 - 127
Dibromochloromethane	50.0	39.9		ug/L		80	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	36.5		ug/L		73	56 - 123
Dibromomethane	50.0	42.5		ug/L		85	70 - 120
1,2-Dichlorobenzene	50.0	43.5		ug/L		87	70 - 125
1,3-Dichlorobenzene	50.0	43.9		ug/L		88	70 - 125
1,4-Dichlorobenzene	50.0	43.4		ug/L		87	70 - 120
Dichlorodifluoromethane	50.0	66.3		ug/L		133	40 - 159
1,1-Dichloroethane	50.0	47.1		ug/L		94	70 - 125
1,2-Dichloroethane	50.0	45.1		ug/L		90	68 - 127

Eurofins Chicago

QC Sample Results

Client: Giles Engineering Associates
 Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

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

Lab Sample ID: LCS 500-722819/4
Matrix: Water
Analysis Batch: 722819

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	50.0	47.7		ug/L		95	67 - 122
1,2-Dichloropropane	50.0	45.8		ug/L		92	67 - 130
1,3-Dichloropropane	50.0	48.8		ug/L		98	62 - 136
2,2-Dichloropropane	50.0	44.8		ug/L		90	58 - 139
1,1-Dichloropropene	50.0	49.6		ug/L		99	70 - 121
Ethylbenzene	50.0	45.2		ug/L		90	70 - 123
Ethylene Dibromide	50.0	44.6		ug/L		89	70 - 125
Hexachlorobutadiene	50.0	55.8		ug/L		112	51 - 150
Isopropylbenzene	50.0	47.7		ug/L		95	70 - 126
Methylene Chloride	50.0	45.3		ug/L		91	69 - 125
Methyl tert-butyl ether	50.0	47.7		ug/L		95	55 - 123
Naphthalene	50.0	36.4		ug/L		73	53 - 144
n-Butylbenzene	50.0	44.8		ug/L		90	68 - 125
N-Propylbenzene	50.0	46.3		ug/L		93	69 - 127
p-Isopropyltoluene	50.0	46.5		ug/L		93	70 - 125
sec-Butylbenzene	50.0	47.0		ug/L		94	70 - 123
Styrene	50.0	45.6		ug/L		91	70 - 120
tert-Butylbenzene	50.0	47.1		ug/L		94	70 - 121
1,1,1,2-Tetrachloroethane	50.0	42.9		ug/L		86	70 - 125
1,1,2,2-Tetrachloroethane	50.0	43.1		ug/L		86	62 - 140
Tetrachloroethene	50.0	50.2		ug/L		100	70 - 128
Toluene	50.0	43.3		ug/L		87	70 - 125
trans-1,2-Dichloroethene	50.0	46.7		ug/L		93	70 - 125
trans-1,3-Dichloropropene	50.0	43.1		ug/L		86	62 - 128
1,2,3-Trichlorobenzene	50.0	41.2		ug/L		82	51 - 145
1,2,4-Trichlorobenzene	50.0	42.6		ug/L		85	57 - 137
1,1,1-Trichloroethane	50.0	47.2		ug/L		94	70 - 125
1,1,2-Trichloroethane	50.0	42.9		ug/L		86	71 - 130
Trichloroethene	50.0	45.9		ug/L		92	70 - 125
Trichlorofluoromethane	50.0	54.2		ug/L		108	55 - 128
1,2,3-Trichloropropane	50.0	46.7		ug/L		93	50 - 133
1,2,4-Trimethylbenzene	50.0	46.9		ug/L		94	70 - 123
1,3,5-Trimethylbenzene	50.0	47.6		ug/L		95	70 - 123
Vinyl chloride	50.0	57.1		ug/L		114	64 - 126
Xylenes, Total	100	91.9		ug/L		92	70 - 125

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	101		72 - 124
Dibromofluoromethane (Surr)	97		75 - 120
1,2-Dichloroethane-d4 (Surr)	96		75 - 126
Toluene-d8 (Surr)	97		75 - 120

Lab Chronicle

Client: Giles Engineering Associates
Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Client Sample ID: PZ-1

Date Collected: 07/06/23 12:10

Date Received: 07/08/23 10:10

Lab Sample ID: 500-236289-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722819	AJP	EET CHI	07/13/23 02:11

Client Sample ID: MW-1

Date Collected: 07/06/23 12:15

Date Received: 07/08/23 10:10

Lab Sample ID: 500-236289-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		5	722819	AJP	EET CHI	07/13/23 05:25
Total/NA	Analysis	8260D		50	722819	AJP	EET CHI	07/13/23 05:49

Client Sample ID: MW-2

Date Collected: 07/06/23 08:50

Date Received: 07/08/23 10:10

Lab Sample ID: 500-236289-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722819	AJP	EET CHI	07/13/23 02:35

Client Sample ID: MW-3

Date Collected: 07/06/23 11:00

Date Received: 07/08/23 10:10

Lab Sample ID: 500-236289-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722819	AJP	EET CHI	07/13/23 04:36
Total/NA	Analysis	8260D		10	722819	AJP	EET CHI	07/13/23 05:00

Client Sample ID: MW-4

Date Collected: 07/06/23 07:50

Date Received: 07/08/23 10:10

Lab Sample ID: 500-236289-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722819	AJP	EET CHI	07/13/23 02:59

Client Sample ID: MW-5

Date Collected: 07/06/23 09:25

Date Received: 07/08/23 10:10

Lab Sample ID: 500-236289-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722819	AJP	EET CHI	07/13/23 03:24

Client Sample ID: MW-6

Date Collected: 07/06/23 09:55

Date Received: 07/08/23 10:10

Lab Sample ID: 500-236289-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722819	AJP	EET CHI	07/13/23 03:48

Eurofins Chicago

Lab Chronicle

Client: Giles Engineering Associates
Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Client Sample ID: MW-7

Date Collected: 07/06/23 10:45

Date Received: 07/08/23 10:10

Lab Sample ID: 500-236289-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722819	AJP	EET CHI	07/13/23 04:12

Client Sample ID: Trip Blank

Date Collected: 07/06/23 00:00

Date Received: 07/08/23 10:10

Lab Sample ID: 500-236289-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722819	AJP	EET CHI	07/12/23 22:58

Laboratory References:

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



Accreditation/Certification Summary

Client: Giles Engineering Associates
Project/Site: Smoke Out Cleaners - 1E-1105024

Job ID: 500-236289-1

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-23

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

ORIGIN ID:RRLA (262) 202-
IAN EVANS
EUROFINS TESTAMERICA
4125 N 124TH ST.
SUITE F (REAR)
BROOKFIELD, WI 53005
UNITED STATES US

SHIP DATE: 07JUL23
ACTWGT: 59.90 LB
CAD: 0269668/CAFE3709

BILL RECIPIENT



500-236289 Waybi

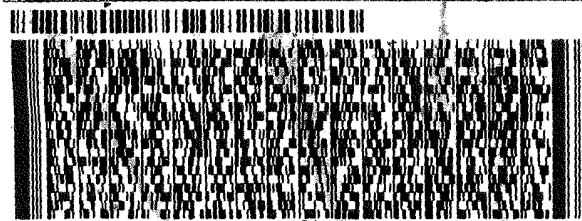
TO **SAMPLE RECEIPT**
EUROFINS
2417 BOND ST.

UNIVERSITY PARK IL 60484

(262) 202-6966
INV:
PO:

REF:

DEPT:



FedEx
Express

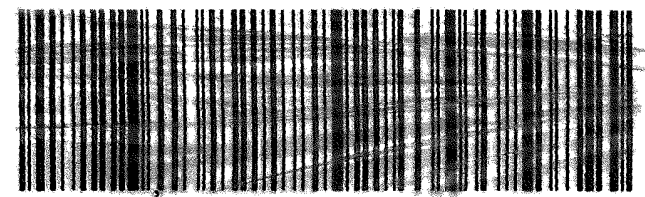


TRK#
0201 6578 9770 8240

SATURDAY 12:00P
PRIORITY OVERNIGHT

XO JOTA

60484
IL-US ORD



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Login Sample Receipt Checklist

Client: Giles Engineering Associates

Job Number: 500-236289-1

Login Number: 236289

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

