

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 #)	
Schaefer Brush Mfg Co		02-68-563736	
Address	City	State	ZIP Code
1101 South Prairie Avenue	Waukesha	WI	53186

Responsible Party

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

Property Owner

1101 South Prairie Avenue LLC			
Address	City	State	ZIP Code
252 East Highland Avenue	Milwaukee	WI	53202

Contact Person	Phone Number (include area code)
Sam Morris	

Person or company that collected samples

SET Engineering, LLC

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 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: PFAS	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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

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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

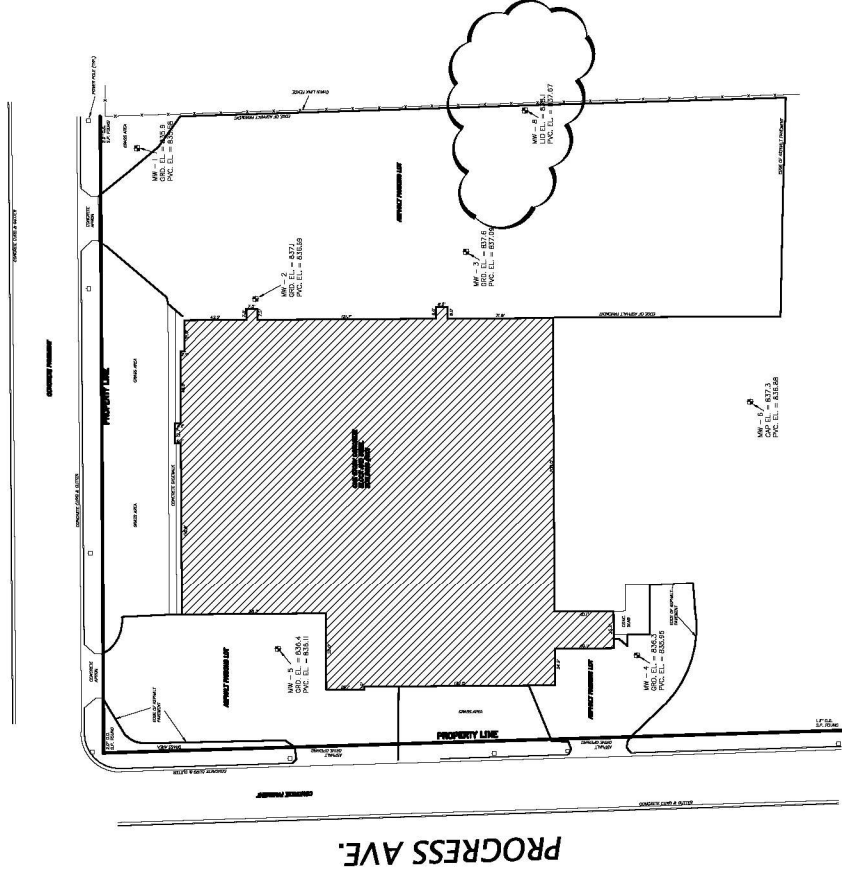
Company Name		Contact Person Last Name		First Name	
SET Engineering		McClung		Kurt	
Address			City	State	ZIP Code
735 North Water Street, Suite 510			Milwaukee	WI	53202
Phone # (inc. area code)	Email				
(414) 225-0592	kmccclung@setenv.com				

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

State of Wisconsin Department of

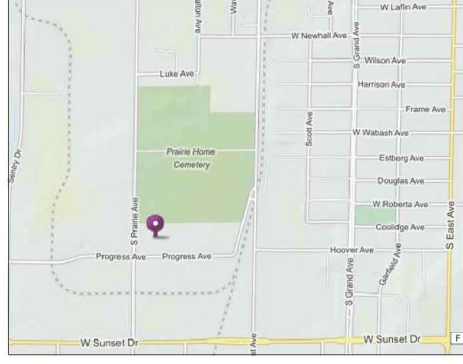
Contact Person Last Name		First Name		Phone # (inc. area code)	
Grittner		Paul		(414) 405-0764	
Address			City	State	ZIP Code
141 NW Barstow Street			Waukesha	WI	53188-3789
Email					
paul.grittner@wisconsin.gov					

S. PRAIRIE AVE.

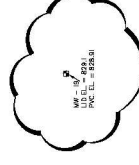
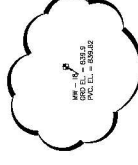
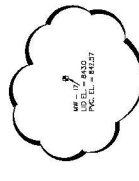
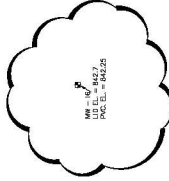


PROGRESS AVE.

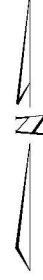
NSE #	Northing	Easting	Elevation	Well Desc.
2000	366747.59	2438526.41	835.85	MW-1 GRD
2001	366747.69	2438526.87	835.58	MW-1 PVC
2002	366644.51	2438807.03	837.11	MW-2 GRD
2003	366644.59	2438807.69	836.69	MW-2 PVC
2004	366676.20	2438750.71	837.62	MW-3 GRD
2005	366676.56	2438751.19	837.09	MW-3 PVC
2006	366401.29	2438867.74	835.32	MW-4 GRD
2007	366401.94	2438867.68	835.96	MW-4 PVC
2008	366406.64	2438827.92	836.41	MW-5 GRD
2009	366406.26	2438827.86	836.11	MW-5 PVC
2108	366574.71	2438944.98	837.26	MW-8 CAP
2109	366574.77	2438944.96	836.88	MW-8 PVC
2110	366502.19	2438841.81	838.60	MW-7 CAP
2111	366502.15	2438841.84	838.01	MW-7 PVC
2112	367389.24	2438845.19	836.62	MW-9 CAP
2113	367389.34	2438845.27	836.29	MW-9 PVC
2200	366773.56	2438791.36	837.67	MW-8 PVC
2201	366773.50	2438791.36	838.14	MW-8 LID
2202	368158.00	2439060.08	828.91	MW-19 PVC
2203	368158.15	2439059.99	829.12	MW-19 LID
2204	367773.62	2439203.41	839.82	MW-18 PVC
2205	367773.59	2439203.76	839.93	MW-18 GRD
2206	367364.18	2439419.76	842.57	MW-17 PVC
2207	367364.45	2439419.79	842.99	MW-17 LID
2208	366891.62	2439400.06	842.25	MW-16 PVC
2209	366891.94	2439400.10	842.65	MW-16 LID



LOCATION MAP
NOT TO SCALE



NOTES:
 1. HORIZONTAL DATUM IS BASED ON THE WISCONSIN STATE PLANE COORDINATE SYSTEM (GDA, SOUTH ZONE) WITH AN ELLIPSOID OF 1983.
 2. VERTICAL DATUM IS BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1988 (NOVD88).



MARK	DATE	REVISION	BY	APP'D
3	2/28/2015	LOCATED WELLS #15 - #18, ADDED TO DRAWING	ARI	JCS
2	1/28/15	LOCATED WELLS #7, #8, #9, ADDED TO DRAWING	ARI	ARI
1	8/29/14	ADJUSTED DATUMS TO NAD83 (1996) WISCONSIN COORDINATE SYSTEM	ARI	ARI

"MONITORING WELL EXHIBIT"

FOR
 SET
 ENGINEERING

1101 S. Prairie Ave.
 Waukesha, WI.

NORTH SHORE ENGINEERING, INC.
 Consulting Engineers & Land Surveyors
 11433 N. Port Washington Rd., Mequon, Wisconsin, 53092
 241-9400 • FAX: (262) 241-5337
 www.northshoreengineering.net



FIELD CREW:	E.A.T. & S.F.Z.
DATE:	August 20, 2015
DWN. BY:	ARI
CHECK BY:	J.C.S.
PLAT NO.:	LS-5702-24

Table 1
Depth to Groundwater Measurements
 Schaefer Brush Mfg Co
 1101 South Prairie Avenue
 Waukesha, Wisconsin
 BRRTS No. 02-68-653736

MW-1			On-Site Flushmount
Ground Elevation			835.85
Top of Casing Elevation			835.58
Top of Screen Elevation			812.33
Bottom of Screen Elevation			802.33
Measurement Date	Depth To Water	Groundwater Elevation	Comments
7/27/2015	25.31	810.27	
9/4/2015	25.42	810.16	
10/27/2015	25.56	810.02	
1/27/2016	24.95	810.63	
4/27/2016	24.36	811.22	
7/27/2016	24.04	811.54	
10/28/2016	24.15	811.43	
1/18/2017	24.22	811.36	
4/19/2017	24.69	810.89	
3/29/2018	23.55	812.03	
3/19/2020	22.34	813.24	
6/11/2020	21.62	813.96	
9/10/2020	22.20	813.38	
2/11/2022			
1/29/2024			buried under snow; not gauged/sampled

MW-2			On-Site Flushmount
Ground Elevation			837.11
Top of Casing Elevation			836.69
Top of Screen Elevation			816.92
Bottom of Screen Elevation			806.92
Measurement Date	Depth To Water	Groundwater Elevation	Comments
7/27/2015	25.20	811.49	
9/4/2015	25.60	811.09	
10/27/2015	25.73	810.96	
1/27/2016	25.12	811.57	
4/27/2016	24.52	812.17	
7/27/2016	24.15	812.54	
10/28/2016	24.22	812.47	
1/18/2017	24.38	812.31	
4/19/2017	24.60	812.09	
3/29/2018	23.63	813.06	
3/19/2020	22.53	814.16	
6/11/2020	21.86	814.83	
9/10/2020	22.38	814.31	
2/11/2022	25.77	810.92	
1/30/2024	23.59	813.10	total depth = 29.77 feet

MW-3			On-Site Flushmount
Ground Elevation			837.62
Top of Casing Elevation			837.09
Top of Screen Elevation			817.54
Bottom of Screen Elevation			807.54
Measurement Date	Depth To Water	Groundwater Elevation	Comments
7/27/2015	26.10	810.99	
9/4/2015	26.29	810.80	
10/27/2015	26.41	810.68	
1/27/2016	25.84	811.25	
4/27/2016	25.16	811.93	
7/27/2016	24.79	812.30	
10/28/2016	24.90	812.19	
1/18/2017	25.06	812.03	
4/19/2017	24.45	812.64	
3/29/2018	24.15	812.94	
3/19/2020	22.99	814.10	
6/11/2020	22.28	814.81	
9/10/2020	22.84	814.25	
2/11/2022	26.38	810.71	
1/30/2024	24.18	812.91	total depth = 29.55 feet

MW-4			On-Site Flushmount
Ground Elevation			836.32
Top of Casing Elevation			835.95
Top of Screen Elevation			813.02
Bottom of Screen Elevation			803.02
Measurement Date	Depth To Water	Groundwater Elevation	Comments
7/27/2015	24.00	811.95	
9/4/2015	24.13	811.82	
10/27/2015	24.28	811.67	
1/27/2016	24.70	811.25	
4/27/2016	23.04	812.91	
7/27/2016	22.63	813.32	
10/28/2016	22.68	813.27	
1/18/2017	22.92	813.03	
4/19/2017	22.38	813.57	
3/29/2018	22.05	813.9	
3/19/2020	20.81	815.14	
6/11/2020	20.09	815.86	
9/10/2020	20.60	815.35	
2/11/2022	24.26	811.69	
1/29/2024	21.97	813.98	total depth = 32.93 feet

Table 1
Depth to Groundwater Measurements
 Schaefer Brush Mfg Co
 1101 South Prairie Avenue
 Waukesha, Wisconsin
 BRRTS No. 02-68-653736

MW-5			On-Site Flushmount
Ground Elevation			836.41
Top of Casing Elevation			836.11
Top of Screen Elevation			817.11
Bottom of Screen Elevation			807.11
Measurement Date	Depth To Water	Groundwater Elevation	Comments
7/27/2015	23.80	812.31	
9/4/2015	23.89	812.22	
10/27/2015	23.99	812.12	
1/27/2016	23.41	812.70	
4/27/2016	22.85	813.26	
7/27/2016	22.50	813.61	
10/28/2016	22.48	813.63	
1/18/2017	22.75	813.36	
4/19/2017	23.10	813.01	
3/29/2018	22.10	814.01	
3/19/2020	20.88	815.23	
6/11/2020	20.16	815.95	
9/10/2020	20.70	815.41	
2/11/2022	24.07	812.04	
1/29/2024	21.93	814.18	total depth = 29.00 feet

MW-6			On-Site Flushmount
Ground Elevation			837.26
Top of Casing Elevation			836.88
Top of Screen Elevation			814.17
Bottom of Screen Elevation			804.17
Measurement Date	Depth To Water	Groundwater Elevation	Comments
10/27/2015	25.79	811.09	
1/27/2016	25.25	811.63	
4/27/2016	24.46	812.42	
7/27/2016	24.00	812.88	
10/28/2016	24.12	812.76	
1/18/2017	24.33	812.55	
4/19/2017	24.72	812.16	
3/29/2018	23.33	813.55	
3/19/2020	22.16	814.72	
6/11/2020	21.40	815.48	
9/10/2020	NM	--	
2/11/2022	21.91	814.97	
1/29/2024	22.99	813.89	total depth = 23.09 feet; veg & sediment

MW-7			Off-Site Flushmount
Ground Elevation			838.60
Top of Casing Elevation			838.01
Top of Screen Elevation			815.77
Bottom of Screen Elevation			805.77
Measurement Date	Depth To Water	Groundwater Elevation	Comments
10/27/2015	27.83	810.18	
1/27/2016	27.19	810.82	
4/27/2016	26.41	811.6	
7/27/2016	25.99	812.02	
10/28/2016	26.18	811.83	
1/18/2017	26.30	811.71	
4/19/2017	25.80	812.21	
3/29/2018	25.23	812.78	
3/19/2020	24.91	813.1	
6/11/2020	23.33	814.68	
9/10/2020	23.93	814.08	
2/11/2022	27.86	810.15	
1/30/2024	25.39	812.62	total depth = 32.24 feet

MW-8			On-Site Flushmount
Ground Elevation			838.14
Top of Casing Elevation			837.67
Top of Screen Elevation			817.44
Bottom of Screen Elevation			807.44
Measurement Date	Depth To Water	Groundwater Elevation	Comments
2/11/2022	26.86	810.81	
1/30/2024	24.63	813.04	total depth = 30.23 feet

MW-9			Off-Site Flushmount
Ground Elevation			836.62
Top of Casing Elevation			836.29
Top of Screen Elevation			813.25
Bottom of Screen Elevation			803.25
Measurement Date	Depth To Water	Groundwater Elevation	Comments
1/30/2024	27.00	809.29	total depth = 33.04 feet

Table 1
Depth to Groundwater Measurements
 Schaefer Brush Mfg Co
 1101 South Prairie Avenue
 Waukesha, Wisconsin
 BRRTS No. 02-68-653736

MW-16		Amron Off-Site Flushmount	
Ground Elevation		842.65	
Top of Casing Elevation		842.25	
Top of Screen Elevation		unknown	
Bottom of Screen Elevation		810.06	
Measurement Date	Depth To Water	Groundwater Elevation	Comments
1/29/2024	28.51	813.74	total depth = 32.19 feet

MW-17		Amron Off-Site Flushmount	
Ground Elevation		842.99	
Top of Casing Elevation		842.57	
Top of Screen Elevation		unknown	
Bottom of Screen Elevation		804.76	
Measurement Date	Depth To Water	Groundwater Elevation	Comments
1/29/2024	30.27	811.98	total depth = 37.81 feet

Notes:
 Top of Casing and Ground Elevations for the monitoring wells were obtained from a January 2024 land survey.
 Depth to Water is expressed in feet below top of casing.
 Groundwater Elevation is expressed in feet above mean sea level.
 NM = Not Measured

PARAMETERS	Preventive Action Limit	Enforcement Standard	TW-1	TW-2	TW-4	MW-1									
			4/14/15	4/14/15	4/14/15	7/27/15	10/27/15	1/27/16	4/27/16	7/27/16	10/28/16	1/19/17	4/19/17	3/29/18	1/30/24
Detected VOCs (µg/l)															
Acetone	1,800	9,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	<0.50	<0.50	<0.50	<0.50	<1.2	<1.2	<i>0.55J</i>	<0.50	<0.50	<0.50	<0.50	<0.50	NA
Chloromethane	3	30	<0.50	<0.50	<0.50	<0.50	<1.2	<1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA
cis-1,2,-Dichloroethene	7	70	<0.26	<0.26	<0.26	0.94J	0.82J	3.3	0.35J	<0.26	1.1	1.6	<0.26	<0.26	NA
1,4,-Dichlorobenzene	15	75	<0.50	<0.50	<0.50	<0.50	<1.2	<1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA
Naphthalene	10	100	<2.5	<2.5	<2.5	<2.5	<6.2	<6.2	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA
Tetrachloroethene	0.5	5	<i>1.8</i>	10.3	<i>3.9</i>	241	265	199	28.2	11.9	43.1	72.3	16.3	13.4	NA
Toluene	160	800	0.58J	0.57J	0.90J	<0.50	<1.2	<1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA
trans-1,2-Dichloroethene	20	100	<0.26	<0.26	<0.26	0.29J	<0.64	1.1J	<0.26	<0.26	0.34J	0.59J	<0.26	<0.26	NA
1,1,1-Trichloroethane	40	200	<0.50	<0.50	<0.50	<0.50	<1.2	<1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA
1,1,2-Trichloroethane	0.5	5	<0.20	<0.20	<0.20	<0.20	<0.49	<0.49	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA
Trichloroethene	0.5	5	<0.33	0.48J	<0.33	24.9	17	76	7.8	<i>1.1</i>	24	37.1	<i>2.7</i>	<i>3.7</i>	NA
PAHs (µg/l)															
Acenaphthene	---	---	0.11	0.046J	<0.0050	<0.0046	<0.0048	<0.0046	<0.0045	NA	<0.0075	<0.0060	<0.0056	0.0062J	NA
Acenaphthylene	---	---	0.021J	0.0085J	<0.0049	<0.0046	<0.0048	<0.0046	<0.0045	NA	<0.0061	<0.0049	<0.0046	0.0066J	NA
Anthracene	600	3,000	0.25	0.059	<0.0040	<0.0038	<0.0039	<0.0038	0.0059J	NA	<0.013	<0.010	<0.0096	0.024J	NA
Benzo(a)anthracene	---	---	0.34	0.097	<0.0051	<0.0048	<0.0050	0.011J	0.017J	NA	<0.0093	<0.0075	0.0072J	0.20	NA
Benzo(a)pyrene	0.02	0.2	0.21	<i>0.077</i>	<0.0044	<0.0041	0.012J	0.0081J	0.019J	NA	0.014J	<0.010	<0.0097	0.26	NA
Benzo(b)fluoranthene	0.02	0.2	0.44	<i>0.16</i>	0.0065J	0.0056J	<i>0.024J</i>	0.014J	<i>0.028J</i>	NA	<i>0.058</i>	0.016J	0.018J	0.51	NA
Benzo(g,h,i)perylene	---	---	0.2	0.071	<0.0035	<0.0033	0.0076J	0.0071J	0.017J	NA	0.023J	<0.0067	0.011J	0.29	NA
Benzo(k)fluoranthene	---	---	0.19	0.061	<0.0056	<0.0053	0.0082J	<0.0053	0.013J	NA	0.030J	0.0089J	<0.0069	0.21	NA
Chrysene	0.02	0.2	0.52	<i>0.16</i>	0.0072J	<i>0.034J</i>	<i>0.021J</i>	0.012J	<i>0.024J</i>	NA	<i>0.065J</i>	<i>0.020J</i>	0.014J	0.46	NA
Dibenzo(a,h)anthracene	---	---	0.023J	<0.0053	<0.0056	<0.0052	<0.0054	<0.0052	0.0054J	NA	<0.012	<0.0099	<0.0092	0.039J	NA
Fluoranthene	80	400	1.7	0.47	0.016J	0.015J	0.042J	0.021J	0.050	NA	0.080	0.042J	0.028J	0.92	NA
Fluorene	80	400	0.16	0.056	0.0098J	<0.0038	<0.0039	<0.0038	<0.0037	NA	<0.0098	<0.0079	<0.0073	<0.0074	NA
Indeno(1,2,3-cd)pyrene	---	---	0.14	0.048	<0.0036	<0.0033	0.0053J	0.0053J	0.014J	NA	<0.022	<0.017	<0.016	0.24	NA
1-Methylnaphthalene	---	---	0.033J	0.041J	0.036J	0.0053J	<0.0030	0.0041J	0.0033J	NA	<0.0073	<0.0058	<0.0054	0.0079J	NA
2-Methylnaphthalene	---	---	0.039J	0.048J	0.039J	0.0083J	<0.0027	0.0067J	0.0045J	NA	<0.0060	<0.0049	<0.0045	0.010J	NA
Naphthalene	10	100	0.047J	0.051	0.031J	0.0064J	<0.0044	0.011J	0.014J	NA	<0.023	<0.018	<0.017	0.023J	NA
Phenanthrene	---	---	1.6	0.44	0.047J	0.012J	0.019J	0.011J	0.025J	NA	0.019J	<0.014	0.013J	0.22	NA
Pyrene	50	250	1.3	0.37	0.025J	0.010J	0.034J	0.017J	0.039J	NA	0.075	0.034J	0.022J	0.70	NA
Dissolved RCRA Metals (µg/l)															
Arsenic	1	10	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	NA	NA	NA	NA	NA	NA
Barium	400	2,000	94.6	84.9	51.8	81.0	89.8	77.8	63.1	NA	NA	NA	NA	NA	NA
Cadmium	0.5	5	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	NA	NA	NA	NA	NA	NA
Chromium	10	100	<2.1	<2.1	<2.1	2.3J	3.3J	2.8J	<2.1	NA	NA	NA	NA	NA	NA
Lead	1.5	15	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	3.5J	NA	NA	NA	NA	NA	NA
Mercury	0.2	2	<0.10	<0.10	<0.10	<0.10	0.11J	<0.10	<0.18	NA	NA	NA	NA	NA	NA
Selenium	10	50	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	NA	NA	NA	NA	NA	NA
Silver	10	50	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	NA	NA	NA	NA	NA	NA

Bold concentrations exceed NR 140 Wis. Admin. Code enforcement standard.
 Italicized concentrations exceed NR 140 Wis. Admin. Code preventive action limit.
 --- - no standard established
 J - Results between the limit of detection and limit of quantitation
 µg/l - micrograms per liter

NA - not analyzed
 PAHs - polynuclear aromatic hydrocarbons
 RCRA - resource conservation recovery act
 VOCs - volatile organic compounds

PARAMETERS	Preventive Action Limit	Enforcement Standard	MW-2														
			7/27/15	10/27/15	1/27/16	4/27/16	7/27/16	10/28/16	1/19/17	4/19/17	3/29/18	3/19/20	6/15/20	9/10/20	2/11/22	1/30/24	
Detected VOCs (µg/l)																	
Acetone	1,800	9,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.7	<1.7	<1.7	NA
Bromodichloromethane	0.06	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.37	<0.37	<0.37	<0.37	NA
Chloromethane	3	30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.32	0.57J	<0.32	<0.32	NA
cis-1,2,-Dichloroethene	7	70	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.41	<0.41	<0.41	<0.41	NA
1,4,-Dichlorobenzene	15	75	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.36	<0.36	<0.36	<0.36	NA
Naphthalene	10	100	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<0.34	<0.34	<0.34	<0.34	NA
Tetrachloroethene	0.5	5	13.0	12.3	20.5	<i>2.4</i>	9.4	9.8	9.8	8.6	7.1	6.6	<i>3.8</i>	<i>4.6</i>	6.1	NA	
Toluene	160	800	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.15	<0.15	<0.15	<0.15	NA
trans-1,2-Dichloroethene	20	100	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.35	<0.35	<0.35	<0.35	NA
1,1,1-Trichloroethane	40	200	<0.53	<0.50	<0.50	4.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.38	<0.38	<0.38	<0.38	NA
1,1,2-Trichloroethane	0.5	5	<0.54	<0.20	<0.20	0.27J	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.35	<0.35	<0.35	<0.35	NA
Trichloroethene	0.5	5	<i>0.58J</i>	<i>0.47J</i>	<0.33	<i>2.0</i>	<i>0.79J</i>	<i>0.84J</i>	<i>0.95J</i>	<i>0.71J</i>	<i>0.51J</i>	0.35J	0.34J	<0.16	<0.16	NA	
PAHs (µg/l)																	
Acenaphthene	---	---	0.013J	<0.0046	<0.0045	0.0070J	<0.0060	<0.0070	<0.0059	<0.0054	<0.0055	NA	NA	NA	11	NA	
Acenaphthylene	---	---	<0.0045	<0.0046	<0.0045	<0.0058	<0.0060	<0.0057	<0.0048	<0.0044	0.0084J	NA	NA	NA	<2.2	NA	
Anthracene	600	3,000	0.032J	<0.0037	0.0058J	0.080	0.0059J	<0.012	0.067	<0.0093	<0.0094	NA	NA	NA	<2.7	NA	
Benzo(a)anthracene	---	---	0.091	0.015J	0.041J	0.38	0.063	0.010J	0.027J	0.033J	0.064	NA	NA	NA	<0.46	NA	
Benzo(a)pyrene	0.02	0.2	<i>0.12</i>	0.0082J	<i>0.046</i>	0.45	<i>0.074</i>	<i>0.040J</i>	<i>0.063</i>	<i>0.045J</i>	<i>0.078</i>	NA	NA	NA	<0.80	NA	
Benzo(b)fluoranthene	0.02	0.2	<i>0.19</i>	0.014J	<i>0.080</i>	0.70	<i>0.13</i>	<i>0.10</i>	<i>0.12</i>	<i>0.10</i>	0.21	NA	NA	NA	<0.65	NA	
Benzo(g,h,i)perylene	---	---	0.11	0.0066J	0.042J	0.37	0.084	0.056	0.077	0.060	0.12	NA	NA	NA	<3.0	NA	
Benzo(k)fluoranthene	---	---	0.077	0.0059J	0.030J	0.26	0.051J	0.063	0.086	0.042	0.11	NA	NA	NA	<0.52	NA	
Chrysene	0.02	0.2	0.21	0.013J	<i>0.068</i>	0.56	<i>0.11</i>	<i>0.14</i>	<i>0.15</i>	<i>0.089</i>	0.22	NA	NA	NA	<0.55	NA	
Dibenzo(a,h)anthracene	---	---	0.017J	<0.0051	0.0066J	0.088	0.013J	<0.012	<0.0097	<0.0089	0.011J	NA	NA	NA	<0.41	NA	
Fluoranthene	80	400	0.45	0.031J	0.14	1.1	0.16	0.22	0.27	0.15	0.44	NA	NA	NA	<3.7	NA	
Fluorene	80	400	0.013J	<0.0037	<0.0037	0.014J	<0.0049	<0.0092	<0.0077	<0.0071	<0.0072	NA	NA	NA	13	NA	
Indeno(1,2,3-cd)pyrene	---	---	0.089	0.0060J	0.032J	0.32	0.068	<0.020	0.060J	0.043J	0.081	NA	NA	NA	<0.61	NA	
1-Methylnaphthalene	---	---	0.0034J	0.0041J	<0.0028	0.0046J	<0.0038	<0.0068	<0.0057	<0.0053	<0.0053	NA	NA	NA	160	NA	
2-Methylnaphthalene	---	---	0.0065J	0.0057J	0.0028J	0.0048J	<0.0034	<0.0056	<0.0048	<0.0044	<0.0044	NA	NA	NA	230	NA	
Naphthalene	10	100	0.0044J	0.0070J	0.0096J	<0.0053	<0.0055	<0.021	<0.018	<0.016	<0.017	NA	NA	NA	54	NA	
Phenanthrene	---	---	0.24	0.018J	0.044J	0.61	0.039J	0.056J	0.022J	0.053J	0.12	NA	NA	NA	20	NA	
Pyrene	50	250	0.33	0.028J	0.11	0.98	0.14	0.16	0.21	0.11	0.37	NA	NA	NA	<3.5	NA	
Dissolved RCRA Metals (µg/l)																	
Arsenic	1	10	<7.2	<7.2	<7.2	<7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	400	2,000	92.9	92.4	77.7	69.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.5	5	<0.60	<0.60	<0.60	<0.60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	10	100	3.2J	2.2J	2.2J	<2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	1.5	15	<3.0	<3.0	<3.0	<3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.2	2	<0.10	0.11J	<0.10	<0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	10	50	<6.7	<6.7	7.9J	<6.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	10	50	<2.7	<2.7	<2.7	<2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Bold concentrations exceed NR 140 Wis. Admin. Code enforcement standard.
 Italicized concentrations exceed NR 140 Wis. Admin. Code preventive action limit.
 --- - no standard established
 J - Results between the limit of detection and limit of quantitation
 µg/l - micrograms per liter

NA - not analyzed
 PAHs - polynuclear aromatic hydrocarbons
 RCRA - resource conservation recovery act
 VOCs - volatile organic compounds

PARAMETERS	Preventive Action Limit	Enforcement Standard	MW-3																	
			7/27/15	10/27/15	1/27/16	4/27/16	7/27/16	10/28/16	12/1/16	1/19/17	4/19/17	3/29/18	3/29/18 DUP	3/19/20	6/15/20	9/10/20	2/11/22	1/30/24	1/30/24 DUP	
Detected VOCs (µg/l)																				
Acetone	1,800	9,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.7	<1.7	<1.7	NA	NA	
Bromodichloromethane	0.06	0.6	<2.0	<2.0	<2.0	<2.0	<0.50	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.50	<0.37	<0.37	<0.37	<0.37	< 0.36	< 0.36
Chloromethane	3	30	<2.0	<2.0	<2.0	<2.0	<0.50	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.50	<0.32	<0.32	<0.32	<0.32	< 0.74	< 0.74
cis-1,2,-Dichloroethene	7	70	<1.0	<1.0	<1.0	<1.0	0.29J	1.3J	<1.0	<1.0	<1.0	<1.0	<1.0	<0.26	0.47J	0.41J	0.51J	<0.41	0.41J	0.44J
1,4,-Dichlorobenzene	15	75	<2.0	<2.0	<2.0	<2.0	<0.50	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.50	<0.36	<0.36	<0.36	<0.36	< 0.49	< 0.49
Naphthalene	10	100	<10.0	<10.0	<10.0	<10.0	<2.5	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<2.5	<0.34	<0.34	<0.34	<0.34	< 1.4	< 1.4
Tetrachloroethene	0.5	5	269	191	189	173	145	662	745	749	579	385	407	640	280	240	130	223	214	
Toluene	160	800	<2.0	<2.0	<2.0	<2.0	<0.50	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.50	<0.15	<0.15	<0.15	<0.15	< 0.33	< 0.33
trans-1,2-Dichloroethene	20	100	<1.0	<1.0	<1.0	<1.0	<0.26	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.26	<0.35	<0.35	<0.35	<0.35	< 0.5	< 0.5
1,1,1-Trichloroethane	40	200	<2.0	<2.0	<2.0	<2.0	<0.50	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.50	<0.38	<0.38	<0.38	<0.38	< 0.33	< 0.33
1,1,2-Trichloroethane	0.5	5	<0.79	<0.79	<0.79	<0.79	<0.20	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.20	<0.35	<0.35	<0.35	<0.35	< 0.42	< 0.42
Trichloroethene	0.5	5	<1.3	<1.3	<1.3	<1.3	0.59J	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<0.33	0.23J	<0.16	<0.16	<0.16	< 0.38	< 0.38
PAHs (µg/l)																				
Acenaphthene	---	---	<0.0045	<0.0046	<0.0046	<0.0052	NA	<0.0067	NA	<0.0063	<0.0055	<0.0057	NA	NA	NA	NA	<5.1	NA	NA	
Acenaphthylene	---	---	<0.0045	<0.0045	<0.0046	<0.0052	NA	<0.0055	NA	<0.0052	0.0065J	<0.0047	NA	NA	NA	NA	<4.4	NA	NA	
Anthracene	600	3,000	<0.0036	<0.0037	<0.0038	<0.0043	NA	0.018J	NA	0.28	0.019J	<0.0099	NA	NA	NA	NA	<5.5	NA	NA	
Benzo(a)anthracene	---	---	0.022J	0.021J	<0.0048	0.021J	NA	0.085	NA	0.12	0.14	0.073	NA	NA	NA	NA	<0.94	NA	NA	
Benzo(a)pyrene	0.02	0.2	0.024J	0.024J	0.0053J	0.030J	NA	0.094	NA	0.45	0.24	0.13	NA	NA	NA	NA	<1.6	NA	NA	
Benzo(b)fluoranthene	0.02	0.2	0.038J	0.058	0.0077J	0.065	NA	0.23	NA	0.66	0.51	0.25	NA	NA	NA	NA	<1.3	NA	NA	
Benzo(g,h,i)perylene	---	---	0.024J	0.026J	0.0054J	0.039J	NA	0.14	NA	0.38	0.3	0.15	NA	NA	NA	NA	<6.2	NA	NA	
Benzo(k)fluoranthene	---	---	0.019J	0.017J	<0.0053	0.020J	NA	0.12	NA	0.33	0.22	0.14	NA	NA	NA	NA	<1.1	NA	NA	
Chrysene	0.02	0.2	0.063	0.047	0.0050J	0.049J	NA	0.23	NA	0.68	0.39	0.27	NA	NA	NA	NA	<1.1	NA	NA	
Dibenzo(a,h)anthracene	---	---	<0.0050	<0.0051	<0.0052	0.0065J	NA	0.019J	NA	0.051J	0.050	0.017J	NA	NA	NA	NA	<0.84	NA	NA	
Fluoranthene	80	400	0.07	0.078	0.0098J	0.10	NA	0.31	NA	1.1	0.73	0.48	NA	NA	NA	NA	<7.5	NA	NA	
Fluorene	80	400	<0.0036	<0.0037	0.0049J	<0.0043	NA	<0.0089	NA	<0.0083	0.0075J	<0.0075	NA	NA	NA	NA	<4.0	NA	NA	
Indeno(1,2,3-cd)pyrene	---	---	0.020J	0.017J	0.0053J	0.033J	NA	0.11	NA	0.29	0.24	0.10	NA	NA	NA	NA	<1.2	NA	NA	
1-Methylnaphthalene	---	---	0.0040J	<0.0028	0.0038J	<0.0033	NA	<0.0066	NA	<0.0061	<0.0054	<0.0056	NA	NA	NA	NA	<5.0	NA	NA	
2-Methylnaphthalene	---	---	0.0050J	<0.0025	0.0058J	0.0068J	NA	<0.0054	NA	<0.0051	<0.0045	<0.0046	NA	NA	NA	NA	<1.1	NA	NA	
Naphthalene	10	100	0.0052J	0.0050J	0.012J	<0.0048	NA	<0.020	NA	<0.019	<0.017	<0.017	NA	NA	NA	NA	<5.1	NA	NA	
Phenanthrene	---	---	0.036J	0.033J	0.0077J	0.042J	NA	0.063J	NA	0.088	0.23	0.14	NA	NA	NA	NA	<5.0	NA	NA	
Pyrene	50	250	0.055	0.063	0.0099J	0.082	NA	0.24	NA	0.89	0.48	0.41	NA	NA	NA	NA	<7.0	NA	NA	
Dissolved RCRA Metals (µg/l)																				
Arsenic	1	10	<7.2	<7.2	<7.2	<7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	400	2,000	71.4	77.9	75.2	76.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.5	5	<0.60	<0.60	<0.60	<0.60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	10	100	3.5J	2.9J	3.3J	<2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	1.5	15	<3.0	<3.0	<3.0	<3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.2	2	<0.10	0.11J	<0.10	<0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	10	50	<6.7	<6.7	<6.7	<6.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	10	50	<2.7	<2.7	<2.7	<2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Bold concentrations exceed NR 140 Wis. Admin. Code enforcement standard.
 Italicized concentrations exceed NR 140 Wis. Admin. Code preventive action limit.
 --- - no standard established
 J - Results between the limit of detection and limit of quantitation
 µg/l - micrograms per liter

NA - not analyzed
 PAHs - polynuclear aromatic hydrocarbons
 RCRA - resource conservation recovery act
 VOCs - volatile organic compounds

PARAMETERS	Preventive Action Limit	Enforcement Standard	MW-4														
			7/27/15	10/27/15	1/27/16	4/27/16	7/27/16	10/28/16	1/19/17	4/19/17	3/29/18	3/19/20	6/15/20	9/10/20	2/11/22	1/30/24	
Detected VOCs (µg/l)																	
Acetone	1,800	9,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.7	<1.7	<1.7	<1.7	NA
Bromodichloromethane	0.06	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.37	<0.37	<0.37	<0.37	NA
Chloromethane	3	30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.32	<0.32	<0.32	<0.32	NA
cis-1,2,-Dichloroethene	7	70	<0.26	<0.26	<0.26	0.47J	<0.26	0.29J	<0.26	0.54J	<0.26	<0.41	<0.41	<0.41	<0.41	NA	
1,4,-Dichlorobenzene	15	75	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.36	<0.36	<0.36	<0.36	NA	
Naphthalene	10	100	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<0.34	<0.34	<0.34	<0.34	NA	
Tetrachloroethene	0.5	5	19.8	32.9	24.4	96.9	47.1	60.9	23.3	95	28.4	14	3.6	4.4	5.3	NA	
Toluene	160	800	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.15	<0.15	<0.15	<0.15	NA	
trans-1,2-Dichloroethene	20	100	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.35	<0.35	<0.35	<0.35	NA	
1,1,1-Trichloroethane	40	200	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.38	<0.38	<0.38	<0.38	NA	
1,1,2-Trichloroethane	0.5	5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.35	<0.35	<0.35	<0.35	NA	
Trichloroethene	0.5	5	<i>0.77J</i>	<i>0.86J</i>	<i>0.90J</i>	<i>0.69J</i>	<i>0.39J</i>	<i>0.42J</i>	<i>0.37J</i>	<i>0.48J</i>	<i>0.44J</i>	<i>0.36J</i>	<0.16	0.28J	<0.16	NA	
PAHs (µg/l)																	
Acenaphthene	---	---	<0.0045	<0.0046	<0.0047	<0.0048	NA	<0.0064	<0.0065	<0.0055	<0.0057	NA	NA	NA	<2.5	NA	
Acenaphthylene	---	---	<0.0045	<0.0046	<0.0047	<0.0048	NA	<0.0052	<0.0053	<0.0045	<0.0047	NA	NA	NA	<2.2	NA	
Anthracene	600	3,000	<0.0036	<0.0038	<0.0038	0.0048J	NA	<0.011	<0.011	<0.0094	<0.0099	NA	NA	NA	<2.7	NA	
Benzo(a)anthracene	---	---	0.013J	<0.0048	0.013J	<0.0050	NA	<0.0079	<0.0080	0.019J	0.020J	NA	NA	NA	<0.46	NA	
Benzo(a)pyrene	0.02	0.2	0.011J	<0.0041	0.0076J	0.0079J	NA	0.015J	<0.011	<i>0.028J</i>	0.011J	NA	NA	NA	<0.80	NA	
Benzo(b)fluoranthene	0.02	0.2	<i>0.022J</i>	0.0065J	0.012J	0.010J	NA	<i>0.039</i>	<i>0.022J</i>	<i>0.053</i>	<i>0.031</i>	NA	NA	NA	<0.65	NA	
Benzo(g,h,i)perylene	---	---	0.016J	<0.0033	0.0078J	0.0078J	NA	0.019J	0.011J	0.029J	0.016J	NA	NA	NA	<3.0	NA	
Benzo(k)fluoranthene	---	---	0.0077J	<0.0053	<0.0053	<0.0055	NA	0.027J	0.015J	0.020J	0.019J	NA	NA	NA	<0.52	NA	
Chrysene	0.02	0.2	0.018J	0.0080J	0.011J	0.0083J	NA	<i>0.047J</i>	<i>0.021J</i>	<i>0.043J</i>	<i>0.045J</i>	NA	NA	NA	<0.55	NA	
Dibenzo(a,h)anthracene	---	---	<0.0050	<0.0052	<0.0052	<0.0054	NA	<0.011	<0.011	<0.0090	<0.0095	NA	NA	NA	<0.41	NA	
Fluoranthene	80	400	0.048	0.013J	0.021J	0.018J	NA	0.062	0.031J	0.091	0.066	NA	NA	NA	<3.7	NA	
Fluorene	80	400	<0.0036	<0.0038	<0.0038	<0.0039	NA	<0.0084	<0.0085	<0.0072	<0.0075	NA	NA	NA	<2.0	NA	
Indeno(1,2,3-cd)pyrene	---	---	0.012J	<0.0033	0.0055J	0.0057J	NA	<0.019	<0.019	0.023J	<0.017	NA	NA	NA	<0.60	NA	
1-Methylnaphthalene	---	---	0.0047J	<0.0029	<0.0029	0.0089J	NA	<0.0062	<0.0063	<0.0053	<0.0056	NA	NA	NA	<2.4	NA	
2-Methylnaphthalene	---	---	0.010J	<0.0026	0.0040J	0.011J	NA	<0.0052	<0.0052	<0.0044	<0.0046	NA	NA	NA	<0.53	NA	
Naphthalene	10	100	<0.0041	<0.0042	0.0083J	0.011J	NA	<0.019	<0.020	<0.017	<0.017	NA	NA	NA	<2.5	NA	
Phenanthrene	---	---	0.034J	0.0098J	0.011J	0.013J	NA	0.024J	<0.015	0.046J	0.040J	NA	NA	NA	<2.4	NA	
Pyrene	50	250	0.044J	0.014J	0.017J	0.022J	NA	0.045	0.027J	0.067	0.059	NA	NA	NA	<3.4	NA	
Dissolved RCRA Metals (µg/l)																	
Arsenic	1	10	<7.2	<7.2	<7.2	<7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Barium	400	2,000	67.2	69.6	69.6	58.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Cadmium	0.5	5	<0.60	<0.60	<0.60	<0.60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chromium	10	100	<2.1	<2.1	<2.1	<2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Lead	1.5	15	<3.0	<3.0	<3.0	<3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Mercury	0.2	2	<0.10	0.11J	<0.10	<0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Selenium	10	50	<6.7	<6.7	<6.7	<6.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Silver	10	50	<2.7	2.9J	<2.7	<2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Bold concentrations exceed NR 140 Wis. Admin. Code enforcement standard.
 Italicized concentrations exceed NR 140 Wis. Admin. Code preventive action limit.
 --- - no standard established
 J - Results between the limit of detection and limit of quantitation
 µg/l - micrograms per liter

NA - not analyzed
 PAHs - polynuclear aromatic hydrocarbons
 RCRA - resource conservation recovery act
 VOCs - volatile organic compounds

PARAMETERS	Preventive Action Limit	Enforcement Standard	MW-5												
			7/27/15	10/27/15	1/27/16	4/27/16	7/27/16	10/28/16	1/19/17	4/19/17	3/29/18	3/29/18	2/11/22	1/30/24	
Detected VOCs (µg/l)															
Acetone	1,800	9,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.7	NA	
Bromodichloromethane	0.06	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.37	NA
Chloromethane	3	30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.32	NA
cis-1,2,-Dichloroethene	7	70	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.41	NA
1,4,-Dichlorobenzene	15	75	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.36	NA
Naphthalene	10	100	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<0.34	NA
Tetrachloroethene	0.5	5	<i>2.0</i>	<i>1.9</i>	<i>1.7</i>	<i>1.7</i>	<i>2.5</i>	<i>3.3</i>	5.3	<i>3.5</i>	<i>3.1</i>	<i>1.1</i>	<i>1.1</i>	<i>NA</i>	
Toluene	160	800	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.15	NA
trans-1,2-Dichloroethene	20	100	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.35	NA
1,1,1-Trichloroethane	40	200	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.38	NA
1,1,2-Trichloroethane	0.5	5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.35	NA
Trichloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<i>0.71J</i>	<i>0.76J</i>	<i>0.76J</i>	0.45J	0.46J	<0.16	<0.16	NA	
PAHs (µg/l)															
Acenaphthene	---	---	<0.0045	<0.0049	<0.0047	<0.0054	NA	0.053	<0.0062	<0.0056	<0.0061	<0.0061	<1.2	NA	
Acenaphthylene	---	---	<0.0045	<0.0049	<0.0047	<0.0054	NA	0.012J	<0.0051	<0.0046	<0.0050	<0.0050	<1.1	NA	
Anthracene	600	3,000	0.020J	0.0054J	<0.0038	<0.0044	NA	0.55	0.047J	<0.0097	<0.010	<0.010	<1.3	NA	
Benzo(a)anthracene	---	---	0.10	0.025J	0.020J	0.016J	NA	1.6	0.0093J	0.031J	0.012J	0.012J	<0.23	NA	
Benzo(a)pyrene	0.02	0.2	<i>0.14</i>	<i>0.025J</i>	<i>0.026J</i>	<i>0.021J</i>	NA	1.8	<i>0.021J</i>	<i>0.050</i>	0.011J	0.011J	<0.39	NA	
Benzo(b)fluoranthene	0.02	0.2	0.23	<i>0.053</i>	<i>0.036J</i>	<i>0.039J</i>	NA	2.7	<i>0.057</i>	<i>0.10</i>	<i>0.031</i>	<i>0.031</i>	<0.32	NA	
Benzo(g,h,i)perylene	---	---	0.14	0.022J	0.020J	0.025J	NA	1.5	0.034J	0.06	0.016J	0.016J	<1.5	NA	
Benzo(k)fluoranthene	---	---	0.086	0.021J	0.017J	0.014J	NA	1.1	0.043	0.041	0.017J	0.017J	<0.26	NA	
Chrysene	0.02	0.2	0.20	<i>0.046J</i>	<i>0.035J</i>	<i>0.032J</i>	NA	2.3	<i>0.071</i>	<i>0.088</i>	<i>0.035J</i>	<i>0.035J</i>	<0.27	NA	
Dibenzo(a,h)anthracene	---	---	0.019J	<0.0055	<0.0053	<0.0060	NA	0.33	<0.010	<0.0093	<0.010	<0.010	<0.20	NA	
Fluoranthene	80	400	0.48	0.097	0.064	0.075	NA	5.4	0.14	0.16	0.072	0.072	<1.8	NA	
Fluorene	80	400	0.0095J	<0.0040	<0.0038	<0.0044	NA	0.091	<0.0081	<0.0074	<0.0080	<0.0080	<0.97	NA	
Indeno(1,2,3-cd)pyrene	---	---	0.11	0.018J	0.018J	0.018J	NA	1.3	0.023J	0.047J	<0.018	<0.018	<0.30	NA	
1-Methylnaphthalene	---	---	0.0053J	0.0035J	<0.0029	0.016J	NA	<0.0057	<0.0060	<0.0055	0.0081J	0.0081J	<1.2	NA	
2-Methylnaphthalene	---	---	0.0082J	0.0044J	<0.0026	0.0045J	NA	<0.0047	<0.0050	<0.0045	0.0085J	0.0085J	<0.26	NA	
Naphthalene	10	100	0.0080J	0.0072J	0.0063J	<0.0049	NA	<0.018	<0.019	<0.017	0.027J	0.027J	<1.2	NA	
Phenanthrene	---	---	0.21	0.054	0.020J	0.032J	NA	2.2	<0.014	0.073	0.041J	0.041J	<1.2	NA	
Pyrene	50	250	0.35	0.072	0.049	0.051J	NA	3.7	0.11	0.12	0.067	0.067	<1.7	NA	
Dissolved RCRA Metals (µg/l)															
Arsenic	1	10	<7.2	<7.2	<7.2	<7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	400	2,000	81.5	79.8	72.8	71.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.5	5	<0.60	<0.60	<0.60	<0.60	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	10	100	<2.1	<2.1	2.8J	<2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	1.5	15	<3.0	<3.0	<3.0	<3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.2	2	<0.10	0.11J	<0.10	<0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	10	50	<6.7	<6.7	<6.7	<6.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	10	50	<2.7	<2.7	<2.7	<2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA

Bold concentrations exceed NR 140 Wis. Admin. Code enforcement standard.
 Italicized concentrations exceed NR 140 Wis. Admin. Code preventive action limit.
 --- - no standard established
 J - Results between the limit of detection and limit of quantitation
 µg/l - micrograms per liter

NA - not analyzed
 PAHs - polynuclear aromatic hydrocarbons
 RCRA - resource conservation recovery act
 VOCs - volatile organic compounds

PARAMETERS	Preventive Action Limit	Enforcement Standard	MW-6										
			10/27/15	11/30/15	1/27/16	4/27/16	7/27/16	10/28/16	1/19/17	4/19/17	3/29/18	2/11/22	1/30/24
Detected VOCs (µg/l)													
Acetone	1,800	9,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.7	NA
Bromodichloromethane	0.06	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.37	NA
Chloromethane	3	30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.32	NA
cis-1,2,-Dichloroethene	7	70	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.41	NA
1,4,-Dichlorobenzene	15	75	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.36	NA
Naphthalene	10	100	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<0.34	NA
Tetrachloroethene	0.5	5	<i>3.1</i>	<i>4.1</i>	5.2	<i>3.9</i>	<i>4.7</i>	5.2	5.3	<i>4.6</i>	<i>3.1</i>	<i>2.4</i>	NA
Toluene	160	800	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.15	NA
trans-1,2-Dichloroethene	20	100	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.35	NA
1,1,1-Trichloroethane	40	200	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.38	NA
1,1,2-Trichloroethane	0.5	5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.35	NA
Trichloroethene	0.5	5	<i>2.0</i>	<i>2.0</i>	<i>2.0</i>	<i>1.6</i>	<i>1.0</i>	<i>1.1</i>	<i>1.2</i>	<i>1.0</i>	<i>1.7</i>	<0.16	NA
PAHs (µg/l)													
Acenaphthene	---	---	<0.0050	NA	<0.0046	0.0065J	NA	<0.0063	<0.0061	<0.0055	0.015J	<1.2	NA
Acenaphthylene	---	---	<0.0049	NA	<0.0046	<0.0056	NA	<0.0052	<0.0050	<0.0045	0.10	<1.1	NA
Anthracene	600	3,000	<0.0040	NA	<0.0038	<0.0046	NA	<0.011	<0.010	<0.0094	0.045J	<1.3	NA
Benzo(a)anthracene	---	---	0.011J	NA	<0.0048	<0.0058	NA	<0.0079	<0.0076	<0.0068	0.085	<0.23	NA
Benzo(a)pyrene	0.02	0.2	0.0053J	NA	<0.0041	<0.0050	NA	<0.011	<0.011	<0.0095	<i>0.050J</i>	<0.40	NA
Benzo(b)fluoranthene	0.02	0.2	0.010J	NA	<0.0050	<0.0060	NA	<0.0060	0.0085J	0.0056J	<i>0.085</i>	<0.32	NA
Benzo(g,h,i)perylene	---	---	0.0047J	NA	<0.0033	0.0042J	NA	<0.0071	0.011J	<0.0061	0.044	<1.5	NA
Benzo(k)fluoranthene	---	---	<0.0056	NA	<0.0053	<0.0064	NA	<0.0079	0.021J	<0.0068	0.053	<0.26	NA
Chrysene	0.02	0.2	0.010J	NA	<0.0040	<0.0048	NA	<0.014	0.017J	<0.012	<i>0.14</i>	<0.27	NA
Dibenzo(a,h)anthracene	---	---	<0.0056	NA	<0.0052	<0.0063	NA	<0.010	<0.010	<0.0090	<0.0098	<0.20	NA
Fluoranthene	80	400	0.020J	NA	<0.0088	<0.011	NA	<0.011	0.042J	<0.0096	0.025J	<1.8	NA
Fluorene	80	400	<0.0040	NA	<0.0038	<0.0046	NA	<0.0083	<0.0080	<0.0072	0.023J	<0.98	NA
Indeno(1,2,3-cd)pyrene	---	---	<0.0036	NA	<0.0033	<0.0041	NA	<0.018	<0.018	<0.016	0.030J	<0.30	NA
1-Methylnaphthalene	---	---	<0.0031	NA	0.0052J	0.018J	NA	<0.0061	<0.0059	<0.0053	0.011J	<1.2	NA
2-Methylnaphthalene	---	---	<0.0028	NA	0.0091J	<0.0031	NA	<0.0051	0.0050J	0.0044J	0.0094J	<0.26	NA
Naphthalene	10	100	<0.0045	NA	0.017J	0.0057J	NA	<0.019	<0.018	<0.017	0.021J	<1.2	NA
Phenanthrene	---	---	0.015J	NA	0.011J	<0.0087	NA	<0.014	<0.014	<0.012	0.054J	<1.2	NA
Pyrene	50	250	0.017J	NA	0.010J	<0.0087	NA	<0.0080	0.023J	<0.0069	0.044	<1.7	NA
Dissolved RCRA Metals (µg/l)													
Arsenic	1	10	<7.2	NA	<7.2	<7.2	NA	NA	NA	NA	NA	NA	NA
Barium	400	2,000	70	NA	71.4	87.9	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.5	5	<0.60	NA	<0.60	<0.60	NA	NA	NA	NA	NA	NA	NA
Chromium	10	100	<2.1	NA	<2.1	<2.1	NA	NA	NA	NA	NA	NA	NA
Lead	1.5	15	<3.0	NA	<3.0	<3.0	NA	NA	NA	NA	NA	NA	NA
Mercury	0.2	2	0.11J	NA	<0.10	<0.18	NA	NA	NA	NA	NA	NA	NA
Selenium	10	50	<6.7	NA	<6.7	<6.7	NA	NA	NA	NA	NA	NA	NA
Silver	10	50	3.0J	NA	<2.7	<2.7	NA	NA	NA	NA	NA	NA	NA

Bold concentrations exceed NR 140 Wis. Admin. Code enforcement standard.
 Italicized concentrations exceed NR 140 Wis. Admin. Code preventive action limit.
 --- - no standard established
 J - Results between the limit of detection and limit of quantitation
 µg/l - micrograms per liter

PARAMETERS	Preventive Action Limit	Enforcement Standard	MW-7														MW-8		MW-9
			10/27/15	11/30/15	1/27/16	4/27/16	7/27/16	10/28/16	1/19/17	4/19/17	3/29/18	3/19/20	6/15/20	9/10/20	2/11/22	1/30/24	2/11/22	1/30/24	1/30/24
Detected VOCs (µg/l)																			
Acetone	1,800	9,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<3.5	<1.7	<1.7	NA	3.5J	NA	NA
Bromodichloromethane	0.06	0.6	<5.0	<2.5	<2.5	<2.5	<2.0	<0.50	<0.50	<0.50	<0.50	<0.37	<0.74	<0.37	<0.37	< 0.36	<0.37	< 0.36	< 0.36
Chloromethane	3	30	<5.0	<2.5	<2.5	<2.5	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.64	<0.32	<0.32	< 0.74	<0.32	< 0.74	< 0.74
cis-1,2,-Dichloroethene	7	70	<i>34.9</i>	<i>28.6</i>	98.3	<i>13.9</i>	<1.0	5.5	4.9	4.2	<i>7.0</i>	<i>7.0</i>	6.7	5.6	<i>35</i>	<i>6.0</i>	2.1	6.6	<i>10.2</i>
1,4,-Dichlorobenzene	15	75	<5.0	<2.5	<2.5	<2.5	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.73	<0.36	<0.36	< 0.49	<0.36	< 0.49	< 0.49
Naphthalene	10	100	<25.0	<12.5	<12.5	<12.5	<10.0	<2.5	<2.5	<2.5	<2.5	<2.5	<0.67	<0.34	<0.34	< 1.4	<0.34	< 1.4	< 1.4
Tetrachloroethene	0.5	5	412	430	600	360	455	205	222	146	217	310	390	220	360	155	200	168	207
Toluene	160	800	<5.0	<2.5	<2.5	<2.5	<2.0	<0.50	<0.50	<0.50	<0.50	<0.15	<0.30	<0.15	<0.15	< 0.33	1.2	< 0.33	< 0.33
trans-1,2-Dichloroethene	20	100	<2.6	<1.3	2.0J	<1.3	<1.0	<0.26	<0.26	<0.26	<0.26	<0.35	<0.70	<0.35	<0.35	< 0.5	<0.35	< 0.5	< 0.5
1,1,1-Trichloroethane	40	200	<5.0	<2.5	<2.5	<2.5	<2.0	<0.50	<0.50	<0.50	<0.50	<0.38	<0.76	<0.38	<0.38	< 0.33	<0.38	< 0.33	< 0.33
1,1,2-Trichloroethane	0.5	5	<2.0	<0.99	<0.99	<0.99	<0.79	<0.20	<0.20	<0.20	<0.20	<0.35	<0.70	<0.35	<0.35	< 0.42	<0.35	< 0.42	< 0.42
Trichloroethene	0.5	5	7.8J	7.2	12.8	7.7	<1.3	<i>1.5</i>	<i>1.6</i>	<i>1.2</i>	<i>2.8</i>	<i>2.6</i>	5.1	<i>1.4</i>	<i>2.3</i>	<i>4.7</i>	<0.16	<i>1.92</i>	<i>1.41J</i>
PAHs (µg/l)																			
Acenaphthene	---	---	<0.0045	NA	<0.0045	<0.0046	NA	<0.0067	<0.0059	<0.0057	<0.0055	NA	NA	NA	<0.25	NA	<0.25	NA	NA
Acenaphthylene	---	---	<0.0045	NA	<0.0045	<0.0046	NA	<0.0055	<0.0048	<0.0047	<0.0045	NA	NA	NA	<0.21	NA	<0.22	NA	NA
Anthracene	600	3,000	<0.0036	NA	<0.0037	<0.0038	NA	<0.012	<0.010	<0.0099	<0.0095	NA	NA	NA	<0.27	NA	0.52J	NA	NA
Benzo(a)anthracene	---	---	<0.0046	NA	<0.0047	<0.0048	NA	<0.0084	<0.0073	<0.0071	0.0087J	NA	NA	NA	0.13J	NA	0.71	NA	NA
Benzo(a)pyrene	0.02	0.2	<0.0040	NA	<0.0040	<0.0041	NA	<0.012	<0.010	<0.0099	<0.0096	NA	NA	NA	<0.079	NA	0.77	NA	NA
Benzo(b)fluoranthene	0.02	0.2	<0.0048	NA	<0.0048	<0.0050	NA	<0.0064	<0.0056	<0.0054	0.014J	NA	NA	NA	<0.065	NA	1.1	NA	NA
Benzo(g,h,i)perylene	---	---	<0.0032	NA	<0.0032	0.0048J	NA	<0.0075	<0.0066	<0.0064	0.0094J	NA	NA	NA	<0.30	NA	0.37J	NA	NA
Benzo(k)fluoranthene	---	---	<0.0051	NA	<0.0051	<0.0053	NA	<0.0084	<0.0073	<0.0071	0.010J	NA	NA	NA	<0.051	NA	0.49	NA	NA
Chrysene	0.02	0.2	<0.0038	NA	<0.0039	<0.0040	NA	<0.014	<0.013	<0.012	0.017J	NA	NA	NA	<i>0.092J</i>	NA	1.1	NA	NA
Dibenzo(a,h)anthracene	---	---	<0.0050	NA	<0.0051	<0.0052	NA	<0.011	<0.0097	<0.0095	<0.0091	NA	NA	NA	<0.041	NA	0.12J	NA	NA
Fluoranthene	80	400	<0.0085	NA	<0.0085	<0.0088	NA	<0.012	<0.010	<0.010	0.020J	NA	NA	NA	<0.36	NA	2.4	NA	NA
Fluorene	80	400	<0.0036	NA	<0.0037	<0.0038	NA	<0.0089	<0.0077	<0.0075	<0.0072	NA	NA	NA	<0.20	NA	0.35J	NA	NA
Indeno(1,2,3-cd)pyrene	---	---	<0.0032	NA	<0.0033	<0.0033	NA	<0.020	<0.017	<0.017	<0.016	NA	NA	NA	<0.060	NA	0.39	NA	NA
1-Methylnaphthalene	---	---	<0.0028	NA	0.0052J	<0.0029	NA	<0.0066	<0.0057	<0.0056	<0.0054	NA	NA	NA	<0.24	NA	<0.24	NA	NA
2-Methylnaphthalene	---	---	<0.0025	NA	0.0054J	0.0035J	NA	<0.0054	<0.0048	<0.0046	<0.0045	NA	NA	NA	<0.052	NA	<0.053	NA	NA
Naphthalene	10	100	<0.0041	NA	0.014J	<0.0042	NA	<0.020	<0.018	<0.017	<0.017	NA	NA	NA	<0.25	NA	<0.25	NA	NA
Phenanthrene	---	---	0.0075J	NA	0.0088J	<0.0072	NA	<0.015	<0.013	<0.013	<0.013	NA	NA	NA	<0.24	NA	2.1	NA	NA
Pyrene	50	250	0.0070J	NA	0.0073J	0.0084J	NA	<0.0085	<0.0074	<0.0072	0.021J	NA	NA	NA	<0.34	NA	2.1	NA	NA
Dissolved RCRA Metals (µg/l)																			
Arsenic	1	10	<7.2	NA	<7.2	<7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	400	2,000	50.2	NA	50.8	36.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.5	5	<0.60	NA	<0.60	<0.60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	10	100	<2.1	NA	<2.1	<2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	1.5	15	<3.0	NA	<3.0	<3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.2	2	0.11J	NA	<0.10	<0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	10	50	<6.7	NA	<6.7	<6.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	10	50	<2.7	NA	<2.7	<2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Bold concentrations exceed NR 140 Wis. Admin. Code enforcement standard.
 Italicized concentrations exceed NR 140 Wis. Admin. Code preventive action limit.
 --- - no standard established
 J - Results between the limit of detection and limit of quantitation
 µg/l - micrograms per liter

NA - not analyzed
 PAHs - polynuclear aromatic hydrocarbons
 RCRA - resource conservation recovery act
 VOCs - volatile organic compounds

PARAMETERS	Preventive Action Limit	Enforcement Standard	MW-17		MW-18		MW-19	
			8/25/23	1/30/24	8/25/23	1/30/24	8/25/23	1/30/24
Detected VOCs (µg/l)								
Acetone	1,800	9,000	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	0.72J	0.64J	< 0.36	NA	< 0.36	NA
Chloromethane	3	30	< 0.74	< 0.74	< 0.74	NA	< 0.74	NA
cis-1,2,-Dichloroethene	7	70	< 0.32	< 0.32	< 0.32	NA	< 0.32	NA
1,4,-Dichlorobenzene	15	75	< 0.49	< 0.49	< 0.49	NA	< 0.49	NA
Naphthalene	10	100	< 1.4	< 1.4	< 1.4	NA	< 1.4	NA
Tetrachloroethene	0.5	5	< 0.47	< 0.47	< 0.47	NA	< 0.47	NA
Toluene	160	800	< 0.33	< 0.33	0.44J	NA	< 0.33	NA
trans-1,2-Dichloroethene	20	100	< 0.5	< 0.5	< 0.5	NA	< 0.5	NA
1,1,1-Trichloroethane	40	200	< 0.33	< 0.33	< 0.33	NA	< 0.33	NA
1,1,2-Trichloroethane	0.5	5	< 0.42	< 0.42	< 0.42	NA	< 0.42	NA
Trichloroethene	0.5	5	<i>1.03J</i>	<i>0.84J</i>	<i>1.42J</i>	NA	9.0	NA
PAHs (µg/l)								
Acenaphthene	---	---	NA	NA	NA	NA	NA	NA
Acenaphthylene	---	---	NA	NA	NA	NA	NA	NA
Anthracene	600	3,000	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	---	---	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.02	0.2	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.02	0.2	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	---	---	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	---	---	NA	NA	NA	NA	NA	NA
Chrysene	0.02	0.2	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	---	---	NA	NA	NA	NA	NA	NA
Fluoranthene	80	400	NA	NA	NA	NA	NA	NA
Fluorene	80	400	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	---	---	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	---	---	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	---	---	NA	NA	NA	NA	NA	NA
Naphthalene	10	100	NA	NA	NA	NA	NA	NA
Phenanthrene	---	---	NA	NA	NA	NA	NA	NA
Pyrene	50	250	NA	NA	NA	NA	NA	NA
Dissolved RCRA Metals (µg/l)								
Arsenic	1	10	NA	NA	NA	NA	NA	NA
Barium	400	2,000	NA	NA	NA	NA	NA	NA
Cadmium	0.5	5	NA	NA	NA	NA	NA	NA
Chromium	10	100	NA	NA	NA	NA	NA	NA
Lead	1.5	15	NA	NA	NA	NA	NA	NA
Mercury	0.2	2	NA	NA	NA	NA	NA	NA
Selenium	10	50	NA	NA	NA	NA	NA	NA
Silver	10	50	NA	NA	NA	NA	NA	NA

Bold concentrations exceed NR 140 Wis. Admin. Code enforcement standard.
 Italicized concentrations exceed NR 140 Wis. Admin. Code preventive action limit.
 --- - no standard established
 J - Results between the limit of detection and limit of quantitation
 µg/l - micrograms per liter

PARAMETERS	Interim Preventive Action Limit	Interim Enforcement Standard	MW-2			MW-3				MW-4	MW-5	FB			EB		
			10/14/2021	3/9/2022	1/30/2024	10/14/2021	3/9/2022	1/30/2024	1/30/2024 D	1/29/2024	1/29/2024	10/14/2021	3/9/2022	1/30/2024	10/14/2021	3/9/2022	1/30/2024
Per- and Polyfluoroalkyl Substances (ng/l)																	
Perfluorobutanoic acid (PFBA)	---	---	4.4J	5.6	4.1	<2.3	3.9J	4.7	4.7	5.0	3.7	<2.2	<2.1	<0.81	<2.2	<2.0	<0.75
Perfluoropentanoic acid (PFPeA)	---	---	1.8J	2.3	2.3	0.65J	0.86J	1.6	1.3	1.6	2.0	<0.45	<0.42	<0.25	<0.46	<0.42	<0.23
Perfluorohexanoic acid (PFHxA)	---	---	3.6	3.5	5.9	0.68J	0.54J	2.3	2.1	1.5	2.6	<0.54	<0.50	<0.21	<0.54	<0.49	0.23J
Perfluoroheptanoic acid (PFHpA)	---	---	1.1J	1.8	2.8	<0.24	0.37J	1.3	1.2	1.5	1.5	<0.23	<0.21	<0.16	<0.23	<0.21	<0.15
Perfluorooctanoic acid (PFOA)	2.0 ^c	20.0 ^c	4.4	5.0	11	1.6J	1.6J	3.9	4.0	4.1	5.2	<0.79	<0.73	<0.59	<0.79	<0.72	<0.55
Perfluorononanoic acid (PFNA)	---	---	<0.25	0.23J	0.36J	<0.26	<0.24	<0.084	<0.088	0.17J	0.35J	<0.25	<0.23	<0.32	<0.25	<0.23	<0.30
Perfluorobutanesulfonic acid (PFBS)	---	---	4.5	5.5	4.2	1.8J	3.1	2.0	1.9	2.4	4.1	<0.19	<0.17	<0.14	<0.19	<0.17	1.4
Perfluoropentanesulfonic acid (PFPeS)	---	---	0.70J	0.80J	3.0	<0.29	<0.26	0.21J	0.23J	0.20J	0.56	<0.28	<0.26	<0.24	<0.28	<0.25	<0.23
Perfluorohexanesulfonic acid (PFHxS)	---	---	12	13	85	1.1J	1.4J	2.3	2.6	1.4	15	<0.53	<0.49	<0.12	<0.53	<0.48	<0.11
Perfluoroheptanesulfonic acid (PFHpS)	---	---	<0.18	0.32J	1.0	<0.18	<0.17	0.52	0.47	0.11J	0.41J	<0.18	<0.16	<0.20	<0.18	<0.16	<0.19
Perfluorooctanesulfonic acid (PFOS)	2.0 ^c	20.0 ^c	25	33	32	4.1	3.9	9.0	9.0	4.3	16	<0.50	<0.46	0.26J	<0.50	<0.46	0.23J

Notes:

Bold concentrations exceed interim preventive action limit

Italicized concentrations exceed interim enforcement standard

--- - no standard established

J - Less than reporting limit, greater than maximum detection limit (estimated)

ng/l - nanograms per liter

Synergy Environmental Lab, LLC.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

KURT MCCLUNG
SET ENGINEERING
735 N. WATER STREET
MILWAUKEE, WI 53202

Report Date 08-Feb-24

Project Name SCHAEFER BRUSH/WAUKESHA
Project # 1604-1204

Invoice # E43510

Lab Code 5043510D
Sample ID MW-3
Sample Matrix Water
Sample Date 1/29/2024

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260b		2/1/2024	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260b		2/1/2024	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260b		2/1/2024	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260b		2/1/2024	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260b		2/1/2024	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260b		2/1/2024	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260b		2/1/2024	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260b		2/1/2024	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260b		2/1/2024	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260b		2/1/2024	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260b		2/1/2024	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260b		2/1/2024	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260b		2/1/2024	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260b		2/1/2024	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260b		2/1/2024	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260b		2/1/2024	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260b		2/1/2024	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260b		2/1/2024	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260b		2/1/2024	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260b		2/1/2024	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260b		2/1/2024	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260b		2/1/2024	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260b		2/1/2024	CJR	1
cis-1,2-Dichloroethene	0.41 "J"	ug/l	0.32	1.29	1	8260b		2/1/2024	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260b		2/1/2024	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260b		2/1/2024	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260b		2/1/2024	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260b		2/1/2024	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260b		2/1/2024	CJR	1

Project Name SCHAEFER BRUSH/WAUKESHA
Project # 1604-1204

Invoice # E43510

Lab Code 5043510D
Sample ID MW-3
Sample Matrix Water
Sample Date 1/29/2024

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260b		2/1/2024	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260b		2/1/2024	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260b		2/1/2024	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260b		2/1/2024	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260b		2/1/2024	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260b		2/1/2024	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260b		2/1/2024	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260b		2/1/2024	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260b		2/1/2024	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260b		2/1/2024	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260b		2/1/2024	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260b		2/1/2024	CJR	1
Tetrachloroethene	223	ug/l	4.7	19.1	10	8260b		2/2/2024	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260b		2/1/2024	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260b		2/1/2024	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260b		2/1/2024	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260b		2/1/2024	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260b		2/1/2024	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260b		2/1/2024	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260b		2/1/2024	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260b		2/1/2024	CJR	1
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260b		2/1/2024	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260b		2/1/2024	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260b		2/1/2024	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260b		2/1/2024	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %			1	8260b		2/1/2024	CJR	1
SUR - 4-Bromofluorobenzene	97	REC %			1	8260b		2/1/2024	CJR	1
SUR - Dibromofluoromethane	103	REC %			1	8260b		2/1/2024	CJR	1
SUR - Toluene-d8	99	REC %			1	8260b		2/1/2024	CJR	1

Project Name SCHAEFER BRUSH/WAUKESHA
 Project # 1604-1204

Invoice # E43510

Lab Code 5043510E
 Sample ID MW-17
 Sample Matrix Water
 Sample Date 1/29/2024

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260b		2/1/2024	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260b		2/1/2024	CJR	1
Bromodichloromethane	0.64 "J"	ug/l	0.36	1.47	1	8260b		2/1/2024	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260b		2/1/2024	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260b		2/1/2024	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260b		2/1/2024	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260b		2/1/2024	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260b		2/1/2024	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260b		2/1/2024	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260b		2/1/2024	CJR	1
Chloroform	0.85 "J"	ug/l	0.33	1.33	1	8260b		2/1/2024	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260b		2/1/2024	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260b		2/1/2024	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260b		2/1/2024	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260b		2/1/2024	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260b		2/1/2024	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260b		2/1/2024	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260b		2/1/2024	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260b		2/1/2024	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260b		2/1/2024	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260b		2/1/2024	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260b		2/1/2024	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260b		2/1/2024	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260b		2/1/2024	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260b		2/1/2024	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260b		2/1/2024	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260b		2/1/2024	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260b		2/1/2024	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260b		2/1/2024	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260b		2/1/2024	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260b		2/1/2024	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260b		2/1/2024	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260b		2/1/2024	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260b		2/1/2024	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260b		2/1/2024	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260b		2/1/2024	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260b		2/1/2024	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260b		2/1/2024	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260b		2/1/2024	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260b		2/1/2024	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260b		2/1/2024	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260b		2/1/2024	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260b		2/1/2024	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260b		2/1/2024	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260b		2/1/2024	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260b		2/1/2024	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260b		2/1/2024	CJR	1
Trichloroethene (TCE)	0.84 "J"	ug/l	0.38	1.55	1	8260b		2/1/2024	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260b		2/1/2024	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260b		2/1/2024	CJR	1

Project Name SCHAEFER BRUSH/WAUKESHA
Project # 1604-1204

Invoice # E43510

Lab Code 5043510E
Sample ID MW-17
Sample Matrix Water
Sample Date 1/29/2024

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260b		2/1/2024	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260b		2/1/2024	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260b		2/1/2024	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260b		2/1/2024	CJR	1
SUR - 1,2-Dichloroethane-d4	102	REC %			1	8260b		2/1/2024	CJR	1
SUR - Toluene-d8	102	REC %			1	8260b		2/1/2024	CJR	1
SUR - 4-Bromofluorobenzene	97	REC %			1	8260b		2/1/2024	CJR	1
SUR - Dibromofluoromethane	99	REC %			1	8260b		2/1/2024	CJR	1

Project Name SCHAEFER BRUSH/WAUKESHA
 Project # 1604-1204

Invoice # E43510

Lab Code 5043510F
 Sample ID MW-9
 Sample Matrix Water
 Sample Date 1/29/2024

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260b		2/1/2024	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260b		2/1/2024	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260b		2/1/2024	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260b		2/1/2024	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260b		2/1/2024	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260b		2/1/2024	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260b		2/1/2024	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260b		2/1/2024	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260b		2/1/2024	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260b		2/1/2024	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260b		2/1/2024	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260b		2/1/2024	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260b		2/1/2024	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260b		2/1/2024	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260b		2/1/2024	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260b		2/1/2024	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260b		2/1/2024	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260b		2/1/2024	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260b		2/1/2024	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260b		2/1/2024	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260b		2/1/2024	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260b		2/1/2024	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260b		2/1/2024	CJR	1
cis-1,2-Dichloroethene	10.2	ug/l	0.32	1.29	1	8260b		2/1/2024	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260b		2/1/2024	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260b		2/1/2024	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260b		2/1/2024	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260b		2/1/2024	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260b		2/1/2024	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260b		2/1/2024	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260b		2/1/2024	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260b		2/1/2024	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260b		2/1/2024	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260b		2/1/2024	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260b		2/1/2024	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260b		2/1/2024	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260b		2/1/2024	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260b		2/1/2024	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260b		2/1/2024	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260b		2/1/2024	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260b		2/1/2024	CJR	1
Tetrachloroethene	207	ug/l	4.7	19.1	10	8260b		2/2/2024	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260b		2/1/2024	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260b		2/1/2024	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260b		2/1/2024	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260b		2/1/2024	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260b		2/1/2024	CJR	1
Trichloroethene (TCE)	1.41 "J"	ug/l	0.38	1.55	1	8260b		2/1/2024	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260b		2/1/2024	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260b		2/1/2024	CJR	1

Project Name SCHAEFER BRUSH/WAUKESHA
Project # 1604-1204

Invoice # E43510

Lab Code 5043510F
Sample ID MW-9
Sample Matrix Water
Sample Date 1/29/2024

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260b		2/1/2024	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260b		2/1/2024	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260b		2/1/2024	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260b		2/1/2024	CJR	1
SUR - 1,2-Dichloroethane-d4	96	REC %			1	8260b		2/1/2024	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %			1	8260b		2/1/2024	CJR	1
SUR - Dibromofluoromethane	99	REC %			1	8260b		2/1/2024	CJR	1
SUR - Toluene-d8	104	REC %			1	8260b		2/1/2024	CJR	1

Project Name SCHAEFER BRUSH/WAUKESHA
 Project # 1604-1204

Invoice # E43510

Lab Code 5043510G
 Sample ID MW-7
 Sample Matrix Water
 Sample Date 1/29/2024

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260b		2/1/2024	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260b		2/1/2024	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260b		2/1/2024	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260b		2/1/2024	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260b		2/1/2024	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260b		2/1/2024	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260b		2/1/2024	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260b		2/1/2024	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260b		2/1/2024	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260b		2/1/2024	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260b		2/1/2024	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260b		2/1/2024	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260b		2/1/2024	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260b		2/1/2024	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260b		2/1/2024	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260b		2/1/2024	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260b		2/1/2024	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260b		2/1/2024	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260b		2/1/2024	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260b		2/1/2024	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260b		2/1/2024	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260b		2/1/2024	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260b		2/1/2024	CJR	1
cis-1,2-Dichloroethene	6.0	ug/l	0.32	1.29	1	8260b		2/1/2024	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260b		2/1/2024	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260b		2/1/2024	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260b		2/1/2024	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260b		2/1/2024	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260b		2/1/2024	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260b		2/1/2024	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260b		2/1/2024	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260b		2/1/2024	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260b		2/1/2024	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260b		2/1/2024	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260b		2/1/2024	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260b		2/1/2024	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260b		2/1/2024	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260b		2/1/2024	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260b		2/1/2024	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260b		2/1/2024	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260b		2/1/2024	CJR	1
Tetrachloroethene	155	ug/l	0.47	1.91	1	8260b		2/1/2024	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260b		2/1/2024	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260b		2/1/2024	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260b		2/1/2024	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260b		2/1/2024	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260b		2/1/2024	CJR	1
Trichloroethene (TCE)	4.7	ug/l	0.38	1.55	1	8260b		2/1/2024	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260b		2/1/2024	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260b		2/1/2024	CJR	1

Project Name SCHAEFER BRUSH/WAUKESHA
Project # 1604-1204

Invoice # E43510

Lab Code 5043510G
Sample ID MW-7
Sample Matrix Water
Sample Date 1/29/2024

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260b		2/1/2024	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260b		2/1/2024	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260b		2/1/2024	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260b		2/1/2024	CJR	1
SUR - Toluene-d8	106	REC %			1	8260b		2/1/2024	CJR	1
SUR - Dibromofluoromethane	101	REC %			1	8260b		2/1/2024	CJR	1
SUR - 4-Bromofluorobenzene	98	REC %			1	8260b		2/1/2024	CJR	1
SUR - 1,2-Dichloroethane-d4	97	REC %			1	8260b		2/1/2024	CJR	1

Project Name SCHAEFER BRUSH/WAUKESHA
 Project # 1604-1204

Invoice # E43510

Lab Code 5043510H
 Sample ID MW-8
 Sample Matrix Water
 Sample Date 1/29/2024

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260b		2/1/2024	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260b		2/1/2024	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260b		2/1/2024	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260b		2/1/2024	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260b		2/1/2024	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260b		2/1/2024	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260b		2/1/2024	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260b		2/1/2024	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260b		2/1/2024	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260b		2/1/2024	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260b		2/1/2024	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260b		2/1/2024	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260b		2/1/2024	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260b		2/1/2024	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260b		2/1/2024	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260b		2/1/2024	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260b		2/1/2024	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260b		2/1/2024	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260b		2/1/2024	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260b		2/1/2024	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260b		2/1/2024	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260b		2/1/2024	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260b		2/1/2024	CJR	1
cis-1,2-Dichloroethene	6.6	ug/l	0.32	1.29	1	8260b		2/1/2024	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260b		2/1/2024	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260b		2/1/2024	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260b		2/1/2024	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260b		2/1/2024	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260b		2/1/2024	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260b		2/1/2024	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260b		2/1/2024	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260b		2/1/2024	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260b		2/1/2024	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260b		2/1/2024	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260b		2/1/2024	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260b		2/1/2024	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260b		2/1/2024	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260b		2/1/2024	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260b		2/1/2024	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260b		2/1/2024	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260b		2/1/2024	CJR	1
Tetrachloroethene	168	ug/l	0.47	1.91	1	8260b		2/1/2024	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260b		2/1/2024	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260b		2/1/2024	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260b		2/1/2024	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260b		2/1/2024	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260b		2/1/2024	CJR	1
Trichloroethene (TCE)	1.92	ug/l	0.38	1.55	1	8260b		2/1/2024	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260b		2/1/2024	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260b		2/1/2024	CJR	1

Project Name SCHAEFER BRUSH/WAUKESHA
Project # 1604-1204

Invoice # E43510

Lab Code 5043510H
Sample ID MW-8
Sample Matrix Water
Sample Date 1/29/2024

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260b		2/1/2024	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260b		2/1/2024	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260b		2/1/2024	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260b		2/1/2024	CJR	1
SUR - 1,2-Dichloroethane-d4	103	REC %			1	8260b		2/1/2024	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %			1	8260b		2/1/2024	CJR	1
SUR - Dibromofluoromethane	98	REC %			1	8260b		2/1/2024	CJR	1
SUR - Toluene-d8	104	REC %			1	8260b		2/1/2024	CJR	1

Project Name SCHAEFER BRUSH/WAUKESHA
 Project # 1604-1204

Invoice # E43510

Lab Code 5043510I
 Sample ID DUP-1
 Sample Matrix Water
 Sample Date 1/29/2024

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260b		2/1/2024	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260b		2/1/2024	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260b		2/1/2024	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260b		2/1/2024	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260b		2/1/2024	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260b		2/1/2024	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260b		2/1/2024	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260b		2/1/2024	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260b		2/1/2024	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260b		2/1/2024	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260b		2/1/2024	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260b		2/1/2024	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260b		2/1/2024	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260b		2/1/2024	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260b		2/1/2024	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260b		2/1/2024	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260b		2/1/2024	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260b		2/1/2024	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260b		2/1/2024	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260b		2/1/2024	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260b		2/1/2024	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260b		2/1/2024	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260b		2/1/2024	CJR	1
cis-1,2-Dichloroethene	0.44 "J"	ug/l	0.32	1.29	1	8260b		2/1/2024	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260b		2/1/2024	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260b		2/1/2024	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260b		2/1/2024	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260b		2/1/2024	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260b		2/1/2024	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260b		2/1/2024	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260b		2/1/2024	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260b		2/1/2024	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260b		2/1/2024	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260b		2/1/2024	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260b		2/1/2024	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260b		2/1/2024	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260b		2/1/2024	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260b		2/1/2024	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260b		2/1/2024	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260b		2/1/2024	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260b		2/1/2024	CJR	1
Tetrachloroethene	214	ug/l	4.7	19.1	10	8260b		2/2/2024	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260b		2/1/2024	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260b		2/1/2024	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260b		2/1/2024	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260b		2/1/2024	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260b		2/1/2024	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260b		2/1/2024	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260b		2/1/2024	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260b		2/1/2024	CJR	1

Project Name SCHAEFER BRUSH/WAUKESHA
Project # 1604-1204

Invoice # E43510

Lab Code 5043510I
Sample ID DUP-1
Sample Matrix Water
Sample Date 1/29/2024

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260b		2/1/2024	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260b		2/1/2024	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260b		2/1/2024	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260b		2/1/2024	CJR	1
SUR - 1,2-Dichloroethane-d4	105	REC %			1	8260b		2/1/2024	CJR	1
SUR - 4-Bromofluorobenzene	97	REC %			1	8260b		2/1/2024	CJR	1
SUR - Dibromofluoromethane	109	REC %			1	8260b		2/1/2024	CJR	1
SUR - Toluene-d8	107	REC %			1	8260b		2/1/2024	CJR	1

Project Name SCHAEFER BRUSH/WAUKESHA
Project # 1604-1204

Invoice # E43510

Lab Code 5043510L
Sample ID TRIP BLANK
Sample Matrix Water
Sample Date 1/29/2024

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260b		2/1/2024	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260b		2/1/2024	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260b		2/1/2024	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260b		2/1/2024	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260b		2/1/2024	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260b		2/1/2024	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260b		2/1/2024	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260b		2/1/2024	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260b		2/1/2024	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260b		2/1/2024	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260b		2/1/2024	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260b		2/1/2024	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260b		2/1/2024	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260b		2/1/2024	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260b		2/1/2024	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260b		2/1/2024	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260b		2/1/2024	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260b		2/1/2024	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260b		2/1/2024	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260b		2/1/2024	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260b		2/1/2024	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260b		2/1/2024	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260b		2/1/2024	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260b		2/1/2024	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260b		2/1/2024	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260b		2/1/2024	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260b		2/1/2024	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260b		2/1/2024	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260b		2/1/2024	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260b		2/1/2024	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260b		2/1/2024	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260b		2/1/2024	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260b		2/1/2024	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260b		2/1/2024	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260b		2/1/2024	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260b		2/1/2024	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260b		2/1/2024	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260b		2/1/2024	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260b		2/1/2024	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260b		2/1/2024	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260b		2/1/2024	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260b		2/1/2024	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260b		2/1/2024	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260b		2/1/2024	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260b		2/1/2024	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260b		2/1/2024	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260b		2/1/2024	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260b		2/1/2024	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260b		2/1/2024	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260b		2/1/2024	CJR	1

Project Name SCHAEFER BRUSH/WAUKESHA
Project # 1604-1204

Invoice # E43510

Lab Code 5043510L
Sample ID TRIP BLANK
Sample Matrix Water
Sample Date 1/29/2024

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260b		2/1/2024	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260b		2/1/2024	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260b		2/1/2024	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260b		2/1/2024	CJR	1
SUR - Toluene-d8	102	REC %			1	8260b		2/1/2024	CJR	1
SUR - 1,2-Dichloroethane-d4	105	REC %			1	8260b		2/1/2024	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %			1	8260b		2/1/2024	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260b		2/1/2024	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code ***Comment***

1 Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature



Synergy

Environmental Lab, LLC

Chain # 52727
Page 1 of 1

Lab I.D. #

Project #: 1604-1204

Sampler: (signature) *[Signature]*

QUOTE #:

www.synergy-lab.net

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • mrsynergy@wi.twcbc.com

Sample Handling Request

Rush Analysis Date Required:
(Rushes accepted only with prior authorization)
 Normal Turn Around

Project (Name / Location): Schaefer Brush / Waukesha, WI
Reports To: Kurt McClung
Company: SET Engineering, LLC
Address: 735 N. Water St Suite 510
City State Zip: Milwaukee, WI 53202
Phone: 414-224-8300
Email: kmcclung@setenv.com

Lab I.D.	Sample I.D.	Collection		Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
		Date	Time				
5043510 A	MW-5	1/29	1505	N	1	GW	none
B	MW-4	1/29	1605	N	1	GW	none
C	MW-2	1/30	1005	N	1	GW	none
D	MW-3	1/30	1115	N	4	GW	none/HCL
E	MW-17	1/30	1350	N	3	GW	HCL
F	MW-9	1/30	1440	N	3	GW	HCL
G	MW-7	1/30	1520	N	3	GW	HCL
H	MW-8	1/30	1610	N	3	GW	HCL
I	DUP-1	1/30	—	N	4	GW	none/HCL
J	EB-1	1/30	1135	N	1	GW	none
K	FB-1	1/30	1140	N	1	GW	none
L	Trip Blank	—	—	N	1	GW	HCL

Analysis Requested		Other Analysis	
DRO (Mod DRO Sep 95)			
GRO (Mod GRO Sep 95)			
LEAD			
NITRATE/NITRITE			
OIL & GREASE			
PAH (EPA 8270)			
PCB			
PVOC (EPA 8021)			
PVOC + NAPHTHALENE			
SULFATE			
TOTAL SUSPENDED SOLIDS			
VOC DW (EPA 524.2)			
VOC (EPA 8260)	X		
VOC AIR (TO - 15)	X		
8-RORCA METALS	X		

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge, etc.)

Reference POT# 52477

Sample Integrity - To be completed by receiving lab.
Method of Shipment: *[Signature]*
Temp. of Temp. Blank: _____ °C On Ice: _____
Cooler seal intact upon receipt: *[Signature]* Yes No

Relinquished By: (sign) *[Signature]* Date: 1/30/24
Received By: (sign) _____ Date: _____

Received in Laboratory By: *[Signature]* Date: 1/31/24
Time: 7:30



AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES

A METIRI GROUP COMPANY

908 N. Temperance Ave., Clovis, CA 93611 - Phone 559-275-2175 - www.metirigroup.com

NELAP Certification Number: CA00046

DoD-ELAP Certification Number: 4064.01

State Certification Number: 1312

February 08, 2024

Christopher Rotar
Synergy Labs
1990 Prospect ct
Appleton, WI 54914

RE: Schaefer Brush
24A0175

Enclosed are the results of analyses for samples received by our laboratory on 2/1/2024. If you have any questions concerning this report, please feel free to contact me.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. These test results meet all requirements of NELAC and DoD QSM. Release of the hard copy has been authorized by the Laboratory Manager or designee, as verified by the following signature.

Sincerely,

Eric Ogden For Steven Crupi
Project Manager

steven.crupi@metirigroup.com

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Synergy Labs
1990 Prospect ct
Appleton, WI 54914

Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Christopher Rotar

Reported: 02/08/2024 13:16

Analysis Case Narrative

EPA 1633: Manual integrations were performed for this method in accordance with APPL's SOP. Abbreviated flags for technical justification are provided as data qualifiers.

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
24A0175-01	5043510 A	Water	01/29/2024 15:05	02/01/2024
24A0175-02	5043510 B	Water	01/29/2024 16:05	02/01/2024
24A0175-03	5043510 C	Water	01/30/2024 10:05	02/01/2024
24A0175-04	5043510 D	Water	01/30/2024 11:15	02/01/2024
24A0175-05	5043510 J	Water	01/30/2024 11:35	02/01/2024
24A0175-06	5043510 K	Water	01/30/2024 11:40	02/01/2024
24A0175-07	5043510 I	Water	01/30/2024 11:40	02/01/2024

Synergy Labs
1990 Prospect ct
Appleton, WI 54914

Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Christopher Rotar

Reported: 02/08/2024 13:16

Sample Results

Sample: 5043510 A
24A0175-01 (Water)

Analyte	Result/Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances								
PFBA	3.7 MI1	1.7	0.22	ng/L	02/05/24	1	EPA 1633	BDB0025
PFPeA	2.0 MI2	0.83	0.068	ng/L	02/05/24	1	EPA 1633	BDB0025
PFHxA	2.6	0.42	0.057	ng/L	02/05/24	1	EPA 1633	BDB0025
PFHpA	1.5	0.42	0.043	ng/L	02/05/24	1	EPA 1633	BDB0025
PFOA	5.2 MI5	0.42	0.16	ng/L	02/05/24	1	EPA 1633	BDB0025
PFNA	0.35 J	0.42	0.085	ng/L	02/05/24	1	EPA 1633	BDB0025
PFDA	ND	0.42	0.11	ng/L	02/05/24	1	EPA 1633	BDB0025
PFUnA	ND	0.42	0.17	ng/L	02/05/24	1	EPA 1633	BDB0025
PFDoA	ND	0.42	0.12	ng/L	02/05/24	1	EPA 1633	BDB0025
PFTTrDA	ND	0.42	0.21	ng/L	02/05/24	1	EPA 1633	BDB0025
PFTeDA	ND	0.42	0.21	ng/L	02/05/24	1	EPA 1633	BDB0025
PFBS	4.1	0.42	0.038	ng/L	02/05/24	1	EPA 1633	BDB0025
PFPeS	0.56	0.42	0.065	ng/L	02/05/24	1	EPA 1633	BDB0025
PFHxS	15	0.42	0.033	ng/L	02/05/24	1	EPA 1633	BDB0025
PFHpS	0.41 J	0.42	0.054	ng/L	02/05/24	1	EPA 1633	BDB0025
PFOS	16	0.42	0.066	ng/L	02/05/24	1	EPA 1633	BDB0025
PFNS	ND	0.42	0.13	ng/L	02/05/24	1	EPA 1633	BDB0025
PFDS	ND	0.42	0.16	ng/L	02/05/24	1	EPA 1633	BDB0025
4:2FTS	ND	1.7	0.30	ng/L	02/05/24	1	EPA 1633	BDB0025
6:2FTS	ND	1.7	0.33	ng/L	02/05/24	1	EPA 1633	BDB0025
8:2FTS	ND	1.7	0.086	ng/L	02/05/24	1	EPA 1633	BDB0025
PFOSA	ND MI5,	0.42	0.11	ng/L	02/05/24	1	EPA 1633	BDB0025
NMeFOSA	ND	1.7	0.49	ng/L	02/05/24	1	EPA 1633	BDB0025
NEtFOSA	ND	1.7	0.43	ng/L	02/05/24	1	EPA 1633	BDB0025
NMeFOSAA	ND	0.42	0.11	ng/L	02/05/24	1	EPA 1633	BDB0025
NEtFOSAA	ND	0.42	0.12	ng/L	02/05/24	1	EPA 1633	BDB0025
NMeFOSE	ND	1.7	1.1	ng/L	02/05/24	1	EPA 1633	BDB0025
NEtFOSE	ND	1.7	1.1	ng/L	02/05/24	1	EPA 1633	BDB0025
HFPO-DA	ND	0.83	0.18	ng/L	02/05/24	1	EPA 1633	BDB0025
ADONA	ND	0.83	0.13	ng/L	02/05/24	1	EPA 1633	BDB0025
PFEESA	ND	0.83	0.11	ng/L	02/05/24	1	EPA 1633	BDB0025
PFMPA	ND	0.83	0.056	ng/L	02/05/24	1	EPA 1633	BDB0025
PFMBA	ND	0.83	0.095	ng/L	02/05/24	1	EPA 1633	BDB0025
NFDHA	ND	0.83	0.31	ng/L	02/05/24	1	EPA 1633	BDB0025
9Cl-PF3ONS	ND	0.83	0.22	ng/L	02/05/24	1	EPA 1633	BDB0025
11Cl-PF3OUDS	ND	0.83	0.22	ng/L	02/05/24	1	EPA 1633	BDB0025
<hr/>								
Surrogate: 13C4-PFBA	81.8%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C5-PFPEA	103%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C5-PFHXA	93.2%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C4-PFHPA	90.8%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C8-PFOA	110%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C9-PFNA	111%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C6-PFDA	107%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C7-PFUnA	103%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C2-PFDOA	99.4%	25-150			02/05/24	1	EPA 1633	

Synergy Labs
1990 Prospect ct
Appleton, WI 54914

Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Christopher Rotar

Reported: 02/08/2024 13:16

Sample Results (Continued)

Sample: 5043510 A (Continued) 24A0175-01 (Water)

Analyte	Result/Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (Continued)								
Surrogate: 13C2-PFTEDA	99.1%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C3-PFBS	105%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C3-PFHXS	106%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C8-PFOS	109%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C2-4:2FTS	95.8%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C2-6:2FTS	121%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C2-8:2FTS	113%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C8-PFOSA	56.2%	10-150			02/05/24	1	EPA 1633	
Surrogate: D3-NMEFOSA	31.2%	10-150			02/05/24	1	EPA 1633	
Surrogate: D5-NETFOSA	30.6%	10-150			02/05/24	1	EPA 1633	
Surrogate: D3-NMEFOSAA	90.4%	10-150			02/05/24	1	EPA 1633	
Surrogate: D5-NETFOSAA	99.8%	10-150			02/05/24	1	EPA 1633	
Surrogate: D7-NMEFOSE	34.3%	10-150			02/05/24	1	EPA 1633	
Surrogate: D9-NETFOSE	33.6%	10-150			02/05/24	1	EPA 1633	
Surrogate: 13C3-HFPO-DA	92.8%	25-150			02/05/24	1	EPA 1633	

Synergy Labs
1990 Prospect ct
Appleton, WI 54914

Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Christopher Rotar

Reported: 02/08/2024 13:16

Sample Results (Continued)

Sample: 5043510 B
24A0175-02 (Water)

Analyte	Result/Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances								
PFBA	5.0 MI1	1.6	0.20	ng/L	02/05/24	1	EPA 1633	BDB0025
PFPeA	1.6 MI2	0.78	0.063	ng/L	02/05/24	1	EPA 1633	BDB0025
PFHxA	1.5	0.39	0.054	ng/L	02/05/24	1	EPA 1633	BDB0025
PFHpA	1.5	0.39	0.040	ng/L	02/05/24	1	EPA 1633	BDB0025
PFOA	4.1 MI5	0.39	0.15	ng/L	02/05/24	1	EPA 1633	BDB0025
PFNA	0.17 J	0.39	0.080	ng/L	02/05/24	1	EPA 1633	BDB0025
PFDA	ND	0.39	0.099	ng/L	02/05/24	1	EPA 1633	BDB0025
PFUnA	ND	0.39	0.16	ng/L	02/05/24	1	EPA 1633	BDB0025
PFDaA	ND	0.39	0.11	ng/L	02/05/24	1	EPA 1633	BDB0025
PFTrDA	ND	0.39	0.20	ng/L	02/05/24	1	EPA 1633	BDB0025
PFTeDA	ND	0.39	0.19	ng/L	02/05/24	1	EPA 1633	BDB0025
PFBS	2.4	0.39	0.036	ng/L	02/05/24	1	EPA 1633	BDB0025
PFPeS	0.20 J	0.39	0.061	ng/L	02/05/24	1	EPA 1633	BDB0025
PFHxS	1.4 MI5	0.39	0.031	ng/L	02/05/24	1	EPA 1633	BDB0025
PFHpS	0.11 J	0.39	0.050	ng/L	02/05/24	1	EPA 1633	BDB0025
PFOS	4.3	0.39	0.062	ng/L	02/05/24	1	EPA 1633	BDB0025
PFNS	ND	0.39	0.12	ng/L	02/05/24	1	EPA 1633	BDB0025
PFDS	ND	0.39	0.15	ng/L	02/05/24	1	EPA 1633	BDB0025
4:2FTS	ND	1.6	0.28	ng/L	02/05/24	1	EPA 1633	BDB0025
6:2FTS	ND	1.6	0.31	ng/L	02/05/24	1	EPA 1633	BDB0025
8:2FTS	ND	1.6	0.080	ng/L	02/05/24	1	EPA 1633	BDB0025
PFOSA	ND MI5,	0.39	0.10	ng/L	02/05/24	1	EPA 1633	BDB0025
NMeFOSA	ND	1.6	0.46	ng/L	02/05/24	1	EPA 1633	BDB0025
NEtFOSA	ND	1.6	0.40	ng/L	02/05/24	1	EPA 1633	BDB0025
NMeFOSAA	ND	0.39	0.10	ng/L	02/05/24	1	EPA 1633	BDB0025
NEtFOSAA	ND	0.39	0.11	ng/L	02/05/24	1	EPA 1633	BDB0025
NMeFOSE	ND	1.6	0.99	ng/L	02/05/24	1	EPA 1633	BDB0025
NEtFOSE	ND	1.6	1.0	ng/L	02/05/24	1	EPA 1633	BDB0025
HFPO-DA	ND	0.78	0.17	ng/L	02/05/24	1	EPA 1633	BDB0025
ADONA	ND	0.78	0.12	ng/L	02/05/24	1	EPA 1633	BDB0025
PFEESA	ND	0.78	0.11	ng/L	02/05/24	1	EPA 1633	BDB0025
PFMPA	0.13 J	0.78	0.053	ng/L	02/05/24	1	EPA 1633	BDB0025
PFMBA	ND	0.78	0.089	ng/L	02/05/24	1	EPA 1633	BDB0025
NFDHA	ND	0.78	0.29	ng/L	02/05/24	1	EPA 1633	BDB0025
9Cl-PF3ONS	ND	0.78	0.20	ng/L	02/05/24	1	EPA 1633	BDB0025
11Cl-PF3OUDS	ND	0.78	0.20	ng/L	02/05/24	1	EPA 1633	BDB0025
<hr/>								
Surrogate: 13C4-PFBA	75.5%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C5-PFPEA	109%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C5-PFHXA	109%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C4-PFHPA	105%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C8-PFOA	114%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C9-PFNA	110%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C6-PFDA	109%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C7-PFUnA	107%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C2-PFDOA	102%	25-150			02/05/24	1	EPA 1633	

Synergy Labs
1990 Prospect ct
Appleton, WI 54914

Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Christopher Rotar

Reported: 02/08/2024 13:16

Sample Results (Continued)

Sample: 5043510 B (Continued) 24A0175-02 (Water)

Analyte	Result/Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (Continued)								
Surrogate: 13C2-PFTEDA	102%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C3-PFBS	107%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C3-PFHXS	105%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C8-PFOS	106%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C2-4:2FTS	104%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C2-6:2FTS	128%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C2-8:2FTS	121%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C8-PFOSA	53.9%	10-150			02/05/24	1	EPA 1633	
Surrogate: D3-NMEFOSA	31.0%	10-150			02/05/24	1	EPA 1633	
Surrogate: D5-NETFOSA	29.6%	10-150			02/05/24	1	EPA 1633	
Surrogate: D3-NMEFOSAA	89.9%	10-150			02/05/24	1	EPA 1633	
Surrogate: D5-NETFOSAA	99.7%	10-150			02/05/24	1	EPA 1633	
Surrogate: D7-NMEFOSE	31.1%	10-150			02/05/24	1	EPA 1633	
Surrogate: D9-NETFOSE	31.3%	10-150			02/05/24	1	EPA 1633	
Surrogate: 13C3-HFPO-DA	104%	25-150			02/05/24	1	EPA 1633	

Synergy Labs
1990 Prospect ct
Appleton, WI 54914

Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Christopher Rotar

Reported: 02/08/2024 13:16

Sample Results (Continued)

Sample: 5043510 C
24A0175-03 (Water)

Analyte	Result/Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances								
PFBA	4.1 MI1	1.7	0.22	ng/L	02/05/24	1	EPA 1633	BDB0025
PFPeA	2.3	0.84	0.068	ng/L	02/05/24	1	EPA 1633	BDB0025
PFHxA	5.9	0.42	0.057	ng/L	02/05/24	1	EPA 1633	BDB0025
PFHpA	2.8	0.42	0.043	ng/L	02/05/24	1	EPA 1633	BDB0025
PFOA	11 MI5	0.42	0.16	ng/L	02/05/24	1	EPA 1633	BDB0025
PFNA	0.36 J	0.42	0.086	ng/L	02/05/24	1	EPA 1633	BDB0025
PFDA	ND	0.42	0.11	ng/L	02/05/24	1	EPA 1633	BDB0025
PFUnA	ND	0.42	0.17	ng/L	02/05/24	1	EPA 1633	BDB0025
PFDoA	ND	0.42	0.12	ng/L	02/05/24	1	EPA 1633	BDB0025
PFTrDA	ND	0.42	0.21	ng/L	02/05/24	1	EPA 1633	BDB0025
PFTeDA	ND	0.42	0.21	ng/L	02/05/24	1	EPA 1633	BDB0025
PFBS	4.2	0.42	0.038	ng/L	02/05/24	1	EPA 1633	BDB0025
PFPeS	3.0	0.42	0.066	ng/L	02/05/24	1	EPA 1633	BDB0025
PFHxS	85	0.42	0.033	ng/L	02/05/24	1	EPA 1633	BDB0025
PFHpS	1.0	0.42	0.054	ng/L	02/05/24	1	EPA 1633	BDB0025
PFOS	32	0.42	0.066	ng/L	02/05/24	1	EPA 1633	BDB0025
PFNS	ND	0.42	0.13	ng/L	02/05/24	1	EPA 1633	BDB0025
PFDS	ND	0.42	0.16	ng/L	02/05/24	1	EPA 1633	BDB0025
4:2FTS	ND	1.7	0.30	ng/L	02/05/24	1	EPA 1633	BDB0025
6:2FTS	ND	1.7	0.33	ng/L	02/05/24	1	EPA 1633	BDB0025
8:2FTS	ND	1.7	0.086	ng/L	02/05/24	1	EPA 1633	BDB0025
PFOSA	0.15 MI5, J	0.42	0.11	ng/L	02/05/24	1	EPA 1633	BDB0025
NMeFOSA	ND	1.7	0.49	ng/L	02/05/24	1	EPA 1633	BDB0025
NEtFOSA	ND	1.7	0.43	ng/L	02/05/24	1	EPA 1633	BDB0025
NMeFOSAA	ND	0.42	0.11	ng/L	02/05/24	1	EPA 1633	BDB0025
NEtFOSAA	ND	0.42	0.12	ng/L	02/05/24	1	EPA 1633	BDB0025
NMeFOSE	ND	1.7	1.1	ng/L	02/05/24	1	EPA 1633	BDB0025
NEtFOSE	ND	1.7	1.1	ng/L	02/05/24	1	EPA 1633	BDB0025
HFPO-DA	ND IR2,	0.84	0.18	ng/L	02/05/24	1	EPA 1633	BDB0025
ADONA	ND	0.84	0.13	ng/L	02/05/24	1	EPA 1633	BDB0025
PFEESA	ND	0.84	0.11	ng/L	02/05/24	1	EPA 1633	BDB0025
PFMPA	ND	0.84	0.056	ng/L	02/05/24	1	EPA 1633	BDB0025
PFMBA	ND	0.84	0.095	ng/L	02/05/24	1	EPA 1633	BDB0025
NFDHA	ND	0.84	0.31	ng/L	02/05/24	1	EPA 1633	BDB0025
9Cl-PF3ONS	ND	0.84	0.22	ng/L	02/05/24	1	EPA 1633	BDB0025
11Cl-PF3OUDS	ND	0.84	0.22	ng/L	02/05/24	1	EPA 1633	BDB0025
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Surrogate: 13C4-PFBA	74.6%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C5-PFPEA	110%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C5-PFHXA	107%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C4-PFHPA	104%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C8-PFOA	114%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C9-PFNA	110%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C6-PFDA	108%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C7-PFUnA	106%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C2-PFDOA	102%	25-150			02/05/24	1	EPA 1633	

Synergy Labs
1990 Prospect ct
Appleton, WI 54914

Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Christopher Rotar

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Sample Results (Continued)

Sample: 5043510 C (Continued)
24A0175-03 (Water)

Analyte	Result/Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (Continued)								
Surrogate: 13C2-PFTEDA	100%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C3-PFBS	114%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C3-PFHXS	104%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C8-PFOS	110%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C2-4:2FTS	99.3%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C2-6:2FTS	120%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C2-8:2FTS	124%	25-150			02/05/24	1	EPA 1633	
Surrogate: 13C8-PFOSA	57.8%	10-150			02/05/24	1	EPA 1633	
Surrogate: D3-NMEFOSA	30.1%	10-150			02/05/24	1	EPA 1633	
Surrogate: D5-NETFOSA	29.3%	10-150			02/05/24	1	EPA 1633	
Surrogate: D3-NMEFOSAA	88.0%	10-150			02/05/24	1	EPA 1633	
Surrogate: D5-NETFOSAA	102%	10-150			02/05/24	1	EPA 1633	
Surrogate: D7-NMEFOSE	34.7%	10-150			02/05/24	1	EPA 1633	
Surrogate: D9-NETFOSE	36.1%	10-150			02/05/24	1	EPA 1633	
Surrogate: 13C3-HFPO-DA	105%	25-150			02/05/24	1	EPA 1633	

Synergy Labs
 1990 Prospect ct
 Appleton, WI 54914

Project: Schaefer Brush
 Project Number: 1604-1204
 Project Manager: Christopher Rotar

Reported: 02/08/2024 13:16

Sample Results
 (Continued)

Sample: 5043510 D
24A0175-04 (Water)

Analyte	Result/Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances								
PFBA	4.7 MI1	1.6	0.21	ng/L	02/06/24	1	EPA 1633	BDB0025
PFPeA	1.6 MI1	0.82	0.067	ng/L	02/06/24	1	EPA 1633	BDB0025
PFHxA	2.3	0.41	0.056	ng/L	02/06/24	1	EPA 1633	BDB0025
PFHpA	1.3	0.41	0.042	ng/L	02/06/24	1	EPA 1633	BDB0025
PFOA	3.9 MI5	0.41	0.16	ng/L	02/06/24	1	EPA 1633	BDB0025
PFNA	ND	0.41	0.084	ng/L	02/06/24	1	EPA 1633	BDB0025
PFDA	ND	0.41	0.10	ng/L	02/06/24	1	EPA 1633	BDB0025
PFUnA	ND	0.41	0.16	ng/L	02/06/24	1	EPA 1633	BDB0025
PFDaA	ND	0.41	0.12	ng/L	02/06/24	1	EPA 1633	BDB0025
PFTrDA	ND	0.41	0.21	ng/L	02/06/24	1	EPA 1633	BDB0025
PFTeDA	ND	0.41	0.20	ng/L	02/06/24	1	EPA 1633	BDB0025
PFBS	2.0	0.41	0.038	ng/L	02/06/24	1	EPA 1633	BDB0025
PFPeS	0.21 J	0.41	0.065	ng/L	02/06/24	1	EPA 1633	BDB0025
PFHxS	2.3 MI1	0.41	0.033	ng/L	02/06/24	1	EPA 1633	BDB0025
PFHpS	0.52	0.41	0.053	ng/L	02/06/24	1	EPA 1633	BDB0025
PFOS	9.0	0.41	0.065	ng/L	02/06/24	1	EPA 1633	BDB0025
PFNS	ND	0.41	0.13	ng/L	02/06/24	1	EPA 1633	BDB0025
PFDS	ND	0.41	0.16	ng/L	02/06/24	1	EPA 1633	BDB0025
4:2FTS	ND	1.6	0.30	ng/L	02/06/24	1	EPA 1633	BDB0025
6:2FTS	ND	1.6	0.32	ng/L	02/06/24	1	EPA 1633	BDB0025
8:2FTS	ND	1.6	0.084	ng/L	02/06/24	1	EPA 1633	BDB0025
PFOSA	ND	0.41	0.11	ng/L	02/06/24	1	EPA 1633	BDB0025
NMeFOSA	ND	1.6	0.49	ng/L	02/06/24	1	EPA 1633	BDB0025
NEtFOSA	ND	1.6	0.42	ng/L	02/06/24	1	EPA 1633	BDB0025
NMeFOSAA	ND	0.41	0.11	ng/L	02/06/24	1	EPA 1633	BDB0025
NEtFOSAA	ND	0.41	0.12	ng/L	02/06/24	1	EPA 1633	BDB0025
NMeFOSE	ND	1.6	1.0	ng/L	02/06/24	1	EPA 1633	BDB0025
NEtFOSE	ND	1.6	1.1	ng/L	02/06/24	1	EPA 1633	BDB0025
HFPO-DA	ND IR2,	0.82	0.18	ng/L	02/06/24	1	EPA 1633	BDB0025
ADONA	ND	0.82	0.13	ng/L	02/06/24	1	EPA 1633	BDB0025
PFEESA	ND	0.82	0.11	ng/L	02/06/24	1	EPA 1633	BDB0025
PFMPA	ND	0.82	0.055	ng/L	02/06/24	1	EPA 1633	BDB0025
PFMBA	ND	0.82	0.093	ng/L	02/06/24	1	EPA 1633	BDB0025
NFDHA	ND	0.82	0.31	ng/L	02/06/24	1	EPA 1633	BDB0025
9Cl-PF3ONS	ND	0.82	0.22	ng/L	02/06/24	1	EPA 1633	BDB0025
11Cl-PF3OUDS	ND	0.82	0.21	ng/L	02/06/24	1	EPA 1633	BDB0025
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Surrogate: 13C4-PFBA	74.1%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C5-PFPEA	103%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C5-PFHXA	100%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C4-PFHPA	103%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C8-PFOA	104%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C9-PFNA	107%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C6-PFDA	106%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C7-PFUnA	105%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C2-PFDOA	103%	25-150			02/06/24	1	EPA 1633	

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Synergy Labs
1990 Prospect ct
Appleton, WI 54914

Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Christopher Rotar

Reported: 02/08/2024 13:16

Sample Results (Continued)

Sample: 5043510 D (Continued) 24A0175-04 (Water)

Analyte	Result/Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (Continued)								
Surrogate: 13C2-PFTEDA	90.5%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C3-PFBS	109%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C3-PFHXS	112%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C8-PFOS	106%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C2-4:2FTS	92.4%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C2-6:2FTS	120%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C2-8:2FTS	127%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C8-PFOSA	56.6%	10-150			02/06/24	1	EPA 1633	
Surrogate: D3-NMEFOSA	31.2%	10-150			02/06/24	1	EPA 1633	
Surrogate: D5-NETFOSA	30.8%	10-150			02/06/24	1	EPA 1633	
Surrogate: D3-NMEFOSAA	105%	10-150			02/06/24	1	EPA 1633	
Surrogate: D5-NETFOSAA	109%	10-150			02/06/24	1	EPA 1633	
Surrogate: D7-NMEFOSE	29.9%	10-150			02/06/24	1	EPA 1633	
Surrogate: D9-NETFOSSE	30.5%	10-150			02/06/24	1	EPA 1633	
Surrogate: 13C3-HFPO-DA	102%	25-150			02/06/24	1	EPA 1633	

Synergy Labs 1990 Prospect ct Appleton, WI 54914	Project: Schaefer Brush Project Number: 1604-1204 Project Manager: Christopher Rotar	Reported: 02/08/2024 13:16
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Sample Results
(Continued)

Sample: 5043510 J
24A0175-05 (Water)

Analyte	Result /Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
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Per- and Polyfluoroalkyl Substances

PFBA	ND	6.2	0.81	ng/L	02/04/24	1	EPA 1633	BDB0026
PFPeA	ND	3.1	0.25	ng/L	02/04/24	1	EPA 1633	BDB0026
PFHxA	ND	1.6	0.21	ng/L	02/04/24	1	EPA 1633	BDB0026
PFHpA	ND	1.6	0.16	ng/L	02/04/24	1	EPA 1633	BDB0026
PFOA	ND	1.6	0.59	ng/L	02/04/24	1	EPA 1633	BDB0026
PFNA	ND	1.6	0.32	ng/L	02/04/24	1	EPA 1633	BDB0026
PFDA	ND	1.6	0.39	ng/L	02/04/24	1	EPA 1633	BDB0026
PFUnA	ND	1.6	0.62	ng/L	02/04/24	1	EPA 1633	BDB0026
PFDoA	ND	1.6	0.44	ng/L	02/04/24	1	EPA 1633	BDB0026
PFTrDA	ND	1.6	0.79	ng/L	02/04/24	1	EPA 1633	BDB0026
PFTeDA	ND	1.6	0.77	ng/L	02/04/24	1	EPA 1633	BDB0026
PFBS	ND	1.6	0.14	ng/L	02/04/24	1	EPA 1633	BDB0026
PFPeS	ND	1.6	0.24	ng/L	02/04/24	1	EPA 1633	BDB0026
PFHxS	ND	1.6	0.12	ng/L	02/04/24	1	EPA 1633	BDB0026
PFHpS	ND	1.6	0.20	ng/L	02/04/24	1	EPA 1633	BDB0026
PFOS	0.26 MI2, J	1.6	0.25	ng/L	02/04/24	1	EPA 1633	BDB0026
PFNS	ND	1.6	0.48	ng/L	02/04/24	1	EPA 1633	BDB0026
PFDS	ND	1.6	0.59	ng/L	02/04/24	1	EPA 1633	BDB0026
4:2FTS	ND	6.2	1.1	ng/L	02/04/24	1	EPA 1633	BDB0026
6:2FTS	ND	6.2	1.2	ng/L	02/04/24	1	EPA 1633	BDB0026
8:2FTS	ND	6.2	0.32	ng/L	02/04/24	1	EPA 1633	BDB0026
PFOSA	ND	1.6	0.41	ng/L	02/04/24	1	EPA 1633	BDB0026
NMeFOSA	ND	6.2	1.8	ng/L	02/04/24	1	EPA 1633	BDB0026
NEtFOSA	ND	6.2	1.6	ng/L	02/04/24	1	EPA 1633	BDB0026
NMeFOSAA	ND	1.6	0.41	ng/L	02/04/24	1	EPA 1633	BDB0026
NEtFOSAA	ND	1.6	0.45	ng/L	02/04/24	1	EPA 1633	BDB0026
NMeFOSE	ND	6.2	3.9	ng/L	02/04/24	1	EPA 1633	BDB0026
NEtFOSE	ND	6.2	4.1	ng/L	02/04/24	1	EPA 1633	BDB0026
HFPO-DA	ND	3.1	0.68	ng/L	02/04/24	1	EPA 1633	BDB0026
ADONA	ND	3.1	0.48	ng/L	02/04/24	1	EPA 1633	BDB0026
PFEESA	ND	3.1	0.42	ng/L	02/04/24	1	EPA 1633	BDB0026
PFMPA	ND	3.1	0.21	ng/L	02/04/24	1	EPA 1633	BDB0026
PFMBA	ND	3.1	0.35	ng/L	02/04/24	1	EPA 1633	BDB0026
NFDHA	ND	3.1	1.2	ng/L	02/04/24	1	EPA 1633	BDB0026
9Cl-PF3ONS	ND	3.1	0.82	ng/L	02/04/24	1	EPA 1633	BDB0026
11Cl-PF3OUDS	ND	3.1	0.80	ng/L	02/04/24	1	EPA 1633	BDB0026
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Surrogate: 13C4-PFBA	98.9%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C5-PFPEA	108%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C5-PFHXA	102%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C4-PFHPA	109%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C8-PFOA	109%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C9-PFNA	110%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C6-PFDA	111%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C7-PFUnA	117%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C2-PFDOA	107%	25-150			02/04/24	1	EPA 1633	

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Synergy Labs
1990 Prospect ct
Appleton, WI 54914

Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Christopher Rotar

Reported: 02/08/2024 13:16

Sample Results (Continued)

Sample: 5043510 J (Continued) 24A0175-05 (Water)

Analyte	Result/Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (Continued)								
Surrogate: 13C2-PFTEDA	105%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C3-PFBS	109%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C3-PFHXS	108%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C8-PFOS	106%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C2-4:2FTS	121%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C2-6:2FTS	130%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C2-8:2FTS	125%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C8-PFOSA	93.5%	10-150			02/04/24	1	EPA 1633	
Surrogate: D3-NMEFOSA	71.6%	10-150			02/04/24	1	EPA 1633	
Surrogate: D5-NETFOSA	81.4%	10-150			02/04/24	1	EPA 1633	
Surrogate: D3-NMEFOSAA	109%	10-150			02/04/24	1	EPA 1633	
Surrogate: D5-NETFOSAA	107%	10-150			02/04/24	1	EPA 1633	
Surrogate: D7-NMEFOSE	75.5%	10-150			02/04/24	1	EPA 1633	
Surrogate: D9-NETFOSE	81.7%	10-150			02/04/24	1	EPA 1633	
Surrogate: 13C3-HFPO-DA	102%	25-150			02/04/24	1	EPA 1633	

Synergy Labs
1990 Prospect ct
Appleton, WI 54914

Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Christopher Rotar

Reported: 02/08/2024 13:16

Sample Results (Continued)

Sample: 5043510 K
24A0175-06 (Water)

Analyte	Result /Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances								
PFBA	ND	5.8	0.75	ng/L	02/04/24	1	EPA 1633	BDB0026
PFPeA	ND	2.9	0.23	ng/L	02/04/24	1	EPA 1633	BDB0026
PFHxA	0.23 J	1.4	0.20	ng/L	02/04/24	1	EPA 1633	BDB0026
PFHpA	ND	1.4	0.15	ng/L	02/04/24	1	EPA 1633	BDB0026
PFOA	ND	1.4	0.55	ng/L	02/04/24	1	EPA 1633	BDB0026
PFNA	ND	1.4	0.30	ng/L	02/04/24	1	EPA 1633	BDB0026
PFDA	ND	1.4	0.37	ng/L	02/04/24	1	EPA 1633	BDB0026
PFUnA	ND	1.4	0.58	ng/L	02/04/24	1	EPA 1633	BDB0026
PFDoA	ND	1.4	0.40	ng/L	02/04/24	1	EPA 1633	BDB0026
PFTrDA	ND	1.4	0.74	ng/L	02/04/24	1	EPA 1633	BDB0026
PFTeDA	ND	1.4	0.71	ng/L	02/04/24	1	EPA 1633	BDB0026
PFBS	1.4	1.4	0.13	ng/L	02/04/24	1	EPA 1633	BDB0026
PFPeS	ND	1.4	0.23	ng/L	02/04/24	1	EPA 1633	BDB0026
PFHxS	ND	1.4	0.11	ng/L	02/04/24	1	EPA 1633	BDB0026
PFHpS	ND	1.4	0.19	ng/L	02/04/24	1	EPA 1633	BDB0026
PFOS	0.23 MI2, J	1.4	0.23	ng/L	02/04/24	1	EPA 1633	BDB0026
PFNS	ND	1.4	0.44	ng/L	02/04/24	1	EPA 1633	BDB0026
PFDS	ND	1.4	0.55	ng/L	02/04/24	1	EPA 1633	BDB0026
4:2FTS	ND	5.8	1.0	ng/L	02/04/24	1	EPA 1633	BDB0026
6:2FTS	ND	5.8	1.1	ng/L	02/04/24	1	EPA 1633	BDB0026
8:2FTS	ND	5.8	0.30	ng/L	02/04/24	1	EPA 1633	BDB0026
PFOSA	ND	1.4	0.38	ng/L	02/04/24	1	EPA 1633	BDB0026
NMeFOSA	ND	5.8	1.7	ng/L	02/04/24	1	EPA 1633	BDB0026
NEtFOSA	ND	5.8	1.5	ng/L	02/04/24	1	EPA 1633	BDB0026
NMeFOSAA	ND	1.4	0.38	ng/L	02/04/24	1	EPA 1633	BDB0026
NEtFOSAA	ND	1.4	0.41	ng/L	02/04/24	1	EPA 1633	BDB0026
NMeFOSE	ND	5.8	3.7	ng/L	02/04/24	1	EPA 1633	BDB0026
NEtFOSE	ND	5.8	3.8	ng/L	02/04/24	1	EPA 1633	BDB0026
HFPO-DA	ND	2.9	0.63	ng/L	02/04/24	1	EPA 1633	BDB0026
ADONA	ND	2.9	0.44	ng/L	02/04/24	1	EPA 1633	BDB0026
PFEESA	ND	2.9	0.39	ng/L	02/04/24	1	EPA 1633	BDB0026
PFMPA	ND	2.9	0.19	ng/L	02/04/24	1	EPA 1633	BDB0026
PFMBA	ND	2.9	0.33	ng/L	02/04/24	1	EPA 1633	BDB0026
NFDHA	ND	2.9	1.1	ng/L	02/04/24	1	EPA 1633	BDB0026
9Cl-PF3ONS	ND	2.9	0.76	ng/L	02/04/24	1	EPA 1633	BDB0026
11Cl-PF3OUDS	ND	2.9	0.74	ng/L	02/04/24	1	EPA 1633	BDB0026
<hr/>								
Surrogate: 13C4-PFBA	102%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C5-PFPEA	111%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C5-PFHXA	108%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C4-PFHPA	111%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C8-PFOA	109%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C9-PFNA	109%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C6-PFDA	109%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C7-PFUnA	115%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C2-PFDOA	115%	25-150			02/04/24	1	EPA 1633	

Synergy Labs
1990 Prospect ct
Appleton, WI 54914

Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Christopher Rotar

Reported: 02/08/2024 13:16

Sample Results (Continued)

Sample: 5043510 K (Continued) 24A0175-06 (Water)

Analyte	Result/Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (Continued)								
Surrogate: 13C2-PFTEDA	95.4%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C3-PFBS	105%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C3-PFHXS	107%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C8-PFOS	107%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C2-4:2FTS	112%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C2-6:2FTS	127%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C2-8:2FTS	125%	25-150			02/04/24	1	EPA 1633	
Surrogate: 13C8-PFOSA	90.3%	10-150			02/04/24	1	EPA 1633	
Surrogate: D3-NMEFOSA	72.7%	10-150			02/04/24	1	EPA 1633	
Surrogate: D5-NETFOSA	83.0%	10-150			02/04/24	1	EPA 1633	
Surrogate: D3-NMEFOSAA	109%	10-150			02/04/24	1	EPA 1633	
Surrogate: D5-NETFOSAA	113%	10-150			02/04/24	1	EPA 1633	
Surrogate: D7-NMEFOSE	72.3%	10-150			02/04/24	1	EPA 1633	
Surrogate: D9-NETFOSE	83.8%	10-150			02/04/24	1	EPA 1633	
Surrogate: 13C3-HFPO-DA	102%	25-150			02/04/24	1	EPA 1633	

Synergy Labs
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Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Christopher Rotar

Reported: 02/08/2024 13:16

Sample Results (Continued)

Sample: 5043510 I
24A0175-07 (Water)

Analyte	Result/Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances								
PFBA	4.7 MI1	1.7	0.22	ng/L	02/06/24	1	EPA 1633	BDB0025
PFPeA	1.3 MI1	0.86	0.070	ng/L	02/06/24	1	EPA 1633	BDB0025
PFHxA	2.1	0.43	0.059	ng/L	02/06/24	1	EPA 1633	BDB0025
PFHpA	1.2	0.43	0.044	ng/L	02/06/24	1	EPA 1633	BDB0025
PFOA	4.0 MI5	0.43	0.16	ng/L	02/06/24	1	EPA 1633	BDB0025
PFNA	ND	0.43	0.088	ng/L	02/06/24	1	EPA 1633	BDB0025
PFDA	ND	0.43	0.11	ng/L	02/06/24	1	EPA 1633	BDB0025
PFUnA	ND	0.43	0.17	ng/L	02/06/24	1	EPA 1633	BDB0025
PFDaA	ND	0.43	0.12	ng/L	02/06/24	1	EPA 1633	BDB0025
PFTrDA	ND	0.43	0.22	ng/L	02/06/24	1	EPA 1633	BDB0025
PFTeDA	ND	0.43	0.21	ng/L	02/06/24	1	EPA 1633	BDB0025
PFBS	1.9	0.43	0.040	ng/L	02/06/24	1	EPA 1633	BDB0025
PFPeS	0.23 J	0.43	0.067	ng/L	02/06/24	1	EPA 1633	BDB0025
PFHxS	2.6 MI2	0.43	0.034	ng/L	02/06/24	1	EPA 1633	BDB0025
PFHpS	0.47	0.43	0.055	ng/L	02/06/24	1	EPA 1633	BDB0025
PFOS	9.0	0.43	0.068	ng/L	02/06/24	1	EPA 1633	BDB0025
PFNS	ND	0.43	0.13	ng/L	02/06/24	1	EPA 1633	BDB0025
PFDS	ND	0.43	0.16	ng/L	02/06/24	1	EPA 1633	BDB0025
4:2FTS	ND	1.7	0.31	ng/L	02/06/24	1	EPA 1633	BDB0025
6:2FTS	ND	1.7	0.34	ng/L	02/06/24	1	EPA 1633	BDB0025
8:2FTS	ND	1.7	0.088	ng/L	02/06/24	1	EPA 1633	BDB0025
PFOSA	ND MI5,	0.43	0.11	ng/L	02/06/24	1	EPA 1633	BDB0025
NMeFOSA	ND	1.7	0.51	ng/L	02/06/24	1	EPA 1633	BDB0025
NEtFOSA	ND	1.7	0.44	ng/L	02/06/24	1	EPA 1633	BDB0025
NMeFOSAA	ND	0.43	0.11	ng/L	02/06/24	1	EPA 1633	BDB0025
NEtFOSAA	ND	0.43	0.12	ng/L	02/06/24	1	EPA 1633	BDB0025
NMeFOSE	ND	1.7	1.1	ng/L	02/06/24	1	EPA 1633	BDB0025
NEtFOSE	ND	1.7	1.1	ng/L	02/06/24	1	EPA 1633	BDB0025
HFPO-DA	ND	0.86	0.19	ng/L	02/06/24	1	EPA 1633	BDB0025
ADONA	ND	0.86	0.13	ng/L	02/06/24	1	EPA 1633	BDB0025
PFEESA	ND	0.86	0.12	ng/L	02/06/24	1	EPA 1633	BDB0025
PFMPA	ND	0.86	0.058	ng/L	02/06/24	1	EPA 1633	BDB0025
PFMBA	ND	0.86	0.098	ng/L	02/06/24	1	EPA 1633	BDB0025
NFDHA	ND	0.86	0.32	ng/L	02/06/24	1	EPA 1633	BDB0025
9Cl-PF3ONS	ND	0.86	0.23	ng/L	02/06/24	1	EPA 1633	BDB0025
11Cl-PF3OUDS	ND	0.86	0.22	ng/L	02/06/24	1	EPA 1633	BDB0025
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Surrogate: 13C4-PFBA	74.3%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C5-PFPEA	98.6%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C5-PFHXA	98.3%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C4-PFHPA	90.6%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C8-PFOA	104%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C9-PFNA	101%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C6-PFDA	102%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C7-PFUnA	106%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C2-PFDOA	101%	25-150			02/06/24	1	EPA 1633	

Synergy Labs
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Appleton, WI 54914

Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Christopher Rotar

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Sample Results (Continued)

Sample: 5043510 I (Continued) 24A0175-07 (Water)

Analyte	Result/Qual	PQL	MDL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (Continued)								
Surrogate: 13C2-PFTEDA	91.5%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C3-PFBS	98.5%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C3-PFHXS	94.9%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C8-PFOS	99.0%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C2-4:2FTS	87.2%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C2-6:2FTS	110%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C2-8:2FTS	113%	25-150			02/06/24	1	EPA 1633	
Surrogate: 13C8-PFOSA	53.6%	10-150			02/06/24	1	EPA 1633	
Surrogate: D3-NMEFOSA	27.6%	10-150			02/06/24	1	EPA 1633	
Surrogate: D5-NETFOSA	28.0%	10-150			02/06/24	1	EPA 1633	
Surrogate: D3-NMEFOSAA	103%	10-150			02/06/24	1	EPA 1633	
Surrogate: D5-NETFOSAA	106%	10-150			02/06/24	1	EPA 1633	
Surrogate: D7-NMEFOSE	32.2%	10-150			02/06/24	1	EPA 1633	
Surrogate: D9-NETFOSSE	34.0%	10-150			02/06/24	1	EPA 1633	
Surrogate: 13C3-HFPO-DA	93.3%	25-150			02/06/24	1	EPA 1633	

Synergy Labs
1990 Prospect ct
Appleton, WI 54914

Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Christopher Rotar

Reported: 02/08/2024 13:16

PREPARATION BATCH SUMMARY

EPA 1633

Laboratory: APPL, LLC

Client: Synergy Labs PFAS bottles

Batch: BDB0025 Batch Matrix: Water Preparation: EPA 1633

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT mL	FINAL VOL. mL
5043510 A	24A0175-01	02/02/24 08:42	479.08	2.00
5043510 B	24A0175-02	02/02/24 08:42	512.02	2.00
5043510 C	24A0175-03	02/02/24 08:42	478.20	2.00
5043510 D	24A0175-04	02/02/24 08:42	486.07	2.00
5043510 I	24A0175-07	02/02/24 08:42	464.55	2.00
Blank	BDB0025-BLK1	02/02/24 08:42	500.00	2.00
LCS	BDB0025-BS1	02/02/24 08:42	500.00	2.00
MRL Check	BDB0025-MRL1	02/02/24 08:42	500.00	2.00

Synergy Labs
1990 Prospect ct
Appleton, WI 54914

Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Christopher Rotar

Reported: 02/08/2024 13:16

PREPARATION BATCH SUMMARY

EPA 1633

Laboratory: APPL, LLC

Client: Synergy Labs PFAS bottles

Batch: BDB0026 Batch Matrix: Water Preparation: EPA 1633

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT mL	FINAL VOL. mL
5043510 J	24A0175-05	02/02/24 08:42	128.30	2.00
5043510 K	24A0175-06	02/02/24 08:42	138.49	2.00
Blank	BDB0026-BLK1	02/02/24 08:42	125.00	2.00
LCS	BDB0026-BS1	02/02/24 08:42	125.00	2.00
MRL Check	BDB0026-MRL1	02/02/24 08:42	125.00	2.00

Synergy Labs 1990 Prospect ct Appleton, WI 54914	Project: Schaefer Brush Project Number: 1604-1204 Project Manager: Christopher Rotar	Reported: 02/08/2024 13:16
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Quality Control

Per- and Polyfluoroalkyl Substances

Analyte	Result/ Qual	PQL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Method: EPA 1633

Batch: BDB0025 - EPA 1633

Blank (BDB0025-BLK1)

Prepared: 02/02/24 08:42 Analyzed: 02/05/24 22:08

PFBA	ND	1.6	0.21	ng/L						
PFPeA	ND	0.80	0.065	ng/L						
PFHxA	ND	0.40	0.055	ng/L						
PFFHpA	ND	0.40	0.041	ng/L						
PFOA	ND	0.40	0.15	ng/L						
PFNA	ND	0.40	0.082	ng/L						
PFDA	ND	0.40	0.10	ng/L						
PFUxA	ND	0.40	0.16	ng/L						
PFDxA	ND	0.40	0.11	ng/L						
PFTTrDA	ND	0.40	0.20	ng/L						
PFTeDA	ND	0.40	0.20	ng/L						
PFBS	ND	0.40	0.037	ng/L						
PFPeS	ND	0.40	0.063	ng/L						
PFHxS	ND	0.40	0.032	ng/L						
PFFHpS	ND	0.40	0.051	ng/L						
PFOS	ND MI2,	0.40	0.064	ng/L						
PFNS	ND	0.40	0.12	ng/L						
PFDS	ND	0.40	0.15	ng/L						
PFDoS	ND	0.40	0.12	ng/L						
4:2FTS	ND	1.6	0.29	ng/L						
6:2FTS	ND	1.6	0.31	ng/L						
8:2FTS	ND	1.6	0.082	ng/L						
PFOSA	ND	0.40	0.10	ng/L						
NMeFOSA	ND	1.6	0.47	ng/L						
NETFOSA	ND	1.6	0.41	ng/L						
NMeFOSAA	ND	0.40	0.11	ng/L						
NETFOSAA	ND	0.40	0.11	ng/L						
NMeFOSE	ND	1.6	1.0	ng/L						
NETFOSE	ND	1.6	1.0	ng/L						
HFPO-DA	ND	0.80	0.17	ng/L						
ADONA	ND	0.80	0.12	ng/L						
PFEESA	ND	0.80	0.11	ng/L						
PFMPA	ND	0.80	0.054	ng/L						
PFMBA	ND	0.80	0.091	ng/L						
NFDHA	ND	0.80	0.30	ng/L						
9CI-PF3ONS	ND	0.80	0.21	ng/L						
11CI-PF3OUDS	ND	0.80	0.21	ng/L						
3:3FTCA	ND	1.6	0.57	ng/L						
5:3FTCA	ND	1.6	0.44	ng/L						
7:3FTCA	ND	1.6	0.55	ng/L						

Surrogate: 13C4-PFBA	33.6		ng/L	32.0		105	25-150
Surrogate: 13C5-PFPEA	17.1		ng/L	16.0		107	25-150
Surrogate: 13C5-PFHXA	8.42		ng/L	8.00		105	25-150
Surrogate: 13C4-PFHPA	8.46		ng/L	8.00		106	25-150
Surrogate: 13C8-PFOA	8.76		ng/L	8.00		109	25-150
Surrogate: 13C9-PFNA	4.35		ng/L	4.00		109	25-150
Surrogate: 13C6-PFDA	4.39		ng/L	4.00		110	25-150

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Synergy Labs
1990 Prospect ct
Appleton, WI 54914

Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Christopher Rotar

Reported: 02/08/2024 13:16

Quality Control (Continued)

Per- and Polyfluoroalkyl Substances (Continued)

Analyte	Result/ Qual	PQL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Blank (BDB0025-BLK1)					Prepared: 02/02/24 08:42 Analyzed: 02/05/24 22:08					
Surrogate: 13C7-PFUnA	4.48			ng/L	4.00		112	25-150		
Surrogate: 13C2-PFDOA	4.46			ng/L	4.00		111	25-150		
Surrogate: 13C2-PFTEDA	4.09			ng/L	4.00		102	25-150		
Surrogate: 13C3-PFBS	8.83			ng/L	8.00		110	25-150		
Surrogate: 13C3-PFHXS	8.78			ng/L	8.00		110	25-150		
Surrogate: 13C8-PFOS	8.90			ng/L	8.00		111	25-150		
Surrogate: 13C2-4:2FTS	17.8			ng/L	16.0		111	25-150		
Surrogate: 13C2-6:2FTS	21.0			ng/L	16.0		131	25-150		
Surrogate: 13C2-8:2FTS	21.2			ng/L	16.0		133	25-150		
Surrogate: 13C8-PFOSA	4.39			ng/L	8.00		54.9	10-150		
Surrogate: D3-NMEFOSA	2.57			ng/L	8.00		32.2	10-150		
Surrogate: D5-NETFOSA	2.73			ng/L	8.00		34.2	10-150		
Surrogate: D3-NMEFOSAA	18.2			ng/L	16.0		113	10-150		
Surrogate: D5-NETFOSAA	18.6			ng/L	16.0		117	10-150		
Surrogate: D7-NMEFOSE	31.1			ng/L	80.0		38.9	10-150		
Surrogate: D9-NETFOSE	31.1			ng/L	80.0		38.9	10-150		
Surrogate: 13C3-HFPO-DA	32.9			ng/L	32.0		103	25-150		

LCS (BDB0025-BS1)

Analyte	Result/ Qual	PQL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BDB0025-BS1)					Prepared: 02/02/24 08:42 Analyzed: 02/05/24 22:29					
PFBA	15.8			ng/L	16.0		98.5	60-135		
PFPeA	7.30			ng/L	8.00		91.2	60-135		
PFHxA	4.10			ng/L	4.00		102	60-135		
PFHpA	3.91			ng/L	4.00		97.8	60-135		
PFOA	4.01			ng/L	4.00		100	60-135		
PFNA	3.85			ng/L	4.00		96.3	60-135		
PFDA	3.90			ng/L	4.00		97.6	60-135		
PFUnA	3.96			ng/L	4.00		98.9	60-135		
PFDaA	3.74			ng/L	4.00		93.5	60-135		
PFTTrDA	3.76			ng/L	4.00		94.0	60-135		
PFTeDA	3.90			ng/L	4.00		97.6	60-135		
PFBS	3.55			ng/L	3.54		100	60-135		
PFPeS	3.84			ng/L	3.76		102	60-135		
PFHxS	3.47			ng/L	3.66		94.8	60-135		
PFHpS	3.64			ng/L	3.82		95.3	60-135		
PFOS	3.46			ng/L	3.72		93.1	60-135		
PFNS	3.70			ng/L	3.84		96.4	60-135		
PFDS	3.50			ng/L	3.86		90.7	60-135		
PFDoS	3.45			ng/L	3.88		88.9	60-135		
4:2FTS	16.0			ng/L	15.0		107	60-135		
6:2FTS	15.2			ng/L	15.2		99.8	60-135		
8:2FTS	16.4			ng/L	15.4		107	60-135		
PFOSA	4.00			ng/L	4.00		99.9	60-135		
NMeFOSA	16.0			ng/L	16.0		100	60-135		
NETFOSA	15.5			ng/L	16.0		97.1	60-135		
NMeFOSAA	3.83			ng/L	4.00		95.7	60-135		
NETFOSAA	3.81			ng/L	4.00		95.2	60-135		
NMeFOSE	14.5			ng/L	16.0		90.8	60-135		
NETFOSE	15.6			ng/L	16.0		97.2	60-135		
HFPO-DA	4.08			ng/L	4.00		102	60-135		
ADONA	3.80			ng/L	3.78		100	60-135		

Synergy Labs
1990 Prospect ct
Appleton, WI 54914

Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Christopher Rotar

Reported: 02/08/2024 13:16

Quality Control (Continued)

Per- and Polyfluoroalkyl Substances (Continued)

Analyte	Result/ Qual	PQL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BDB0025-BS1)					Prepared: 02/02/24 08:42 Analyzed: 02/05/24 22:29					
PFEESA	7.44			ng/L	7.12		104	60-135		
PFMPA	7.27			ng/L	8.00		90.9	60-135		
PFMBA	7.93			ng/L	8.00		99.2	60-135		
NFDHA	7.85			ng/L	8.00		98.1	60-135		
9CI-PF3ONS	3.69			ng/L	3.74		98.7	60-135		
11CI-PF3OUDS	3.54			ng/L	3.78		93.7	60-135		
3:3FTCA	13.7			ng/L	16.0		85.4	60-135		
5:3FTCA	14.5			ng/L	16.0		90.9	60-135		
7:3FTCA	14.0			ng/L	16.0		87.3	60-135		
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Surrogate: 13C4-PFBA	31.6			ng/L	32.0		98.9	25-150		
Surrogate: 13C5-PFPEA	17.8			ng/L	16.0		111	25-150		
Surrogate: 13C5-PFHXA	8.26			ng/L	8.00		103	25-150		
Surrogate: 13C4-PFHFA	8.40			ng/L	8.00		105	25-150		
Surrogate: 13C8-PFOA	8.72			ng/L	8.00		109	25-150		
Surrogate: 13C9-PFNA	4.36			ng/L	4.00		109	25-150		
Surrogate: 13C6-PFDA	4.56			ng/L	4.00		114	25-150		
Surrogate: 13C7-PFUnA	4.44			ng/L	4.00		111	25-150		
Surrogate: 13C2-PFDOA	4.50			ng/L	4.00		113	25-150		
Surrogate: 13C2-PFTEDA	4.19			ng/L	4.00		105	25-150		
Surrogate: 13C3-PFBS	8.62			ng/L	8.00		108	25-150		
Surrogate: 13C3-PFHXS	8.99			ng/L	8.00		112	25-150		
Surrogate: 13C8-PFOS	9.02			ng/L	8.00		113	25-150		
Surrogate: 13C2-4:2FTS	17.4			ng/L	16.0		109	25-150		
Surrogate: 13C2-6:2FTS	20.0			ng/L	16.0		125	25-150		
Surrogate: 13C2-8:2FTS	19.7			ng/L	16.0		123	25-150		
Surrogate: 13C8-PFOSA	4.12			ng/L	8.00		51.5	10-150		
Surrogate: D3-NMEFOSA	2.48			ng/L	8.00		31.0	10-150		
Surrogate: D5-NETFOSA	2.61			ng/L	8.00		32.7	10-150		
Surrogate: D3-NMEFOSAA	18.2			ng/L	16.0		114	10-150		
Surrogate: D5-NETFOSAA	18.0			ng/L	16.0		113	10-150		
Surrogate: D7-NMEFOSE	32.6			ng/L	80.0		40.8	10-150		
Surrogate: D9-NETFOSE	32.5			ng/L	80.0		40.7	10-150		
Surrogate: 13C3-HFPO-DA	32.7			ng/L	32.0		102	25-150		

Synergy Labs 1990 Prospect ct Appleton, WI 54914	Project: Schaefer Brush Project Number: 1604-1204 Project Manager: Christopher Rotar	Reported: 02/08/2024 13:16
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Quality Control
(Continued)

Per- and Polyfluoroalkyl Substances (Continued)

Analyte	Result/ Qual	PQL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
MRL Check (BDB0025-MRL1)					Prepared: 02/02/24 08:42 Analyzed: 02/05/24 22:50					
PFBA	3.21			ng/L	3.20		100	50-150		
PFPeA	1.53 MI2			ng/L	1.60		95.8	50-150		
PFHxA	0.726			ng/L	0.800		90.8	50-150		
PFHpA	0.720			ng/L	0.800		90.0	50-150		
PFOA	0.828			ng/L	0.800		104	50-150		
PFNA	0.728			ng/L	0.800		91.0	50-150		
PFDA	0.696			ng/L	0.800		87.1	50-150		
PFUnA	0.716			ng/L	0.800		89.5	50-150		
PFDaA	0.765			ng/L	0.800		95.7	50-150		
PFTrDA	0.694			ng/L	0.800		86.8	50-150		
PFTeDA	0.746			ng/L	0.800		93.3	50-150		
PFBS	0.635			ng/L	0.708		89.6	50-150		
PFPeS	0.666			ng/L	0.752		88.5	50-150		
PFHxS	0.660			ng/L	0.732		90.2	50-150		
PFHpS	0.702			ng/L	0.764		91.9	50-150		
PFOS	0.663 MI5			ng/L	0.744		89.1	50-150		
PFNS	0.699			ng/L	0.768		91.0	50-150		
PFDS	0.690			ng/L	0.772		89.3	50-150		
PFDoS	0.665			ng/L	0.776		85.7	50-150		
4:2FTS	2.65			ng/L	3.00		88.4	50-150		
6:2FTS	2.54			ng/L	3.04		83.7	50-150		
8:2FTS	2.82			ng/L	3.07		91.7	50-150		
PFOSA	0.738			ng/L	0.800		92.3	50-150		
NMeFOSA	2.57			ng/L	3.20		80.2	50-150		
NEtFOSA	2.59			ng/L	3.20		80.8	50-150		
NMeFOSAA	0.713			ng/L	0.800		89.1	50-150		
NEtFOSAA	0.692			ng/L	0.800		86.5	50-150		
NMeFOSE	3.05			ng/L	3.20		95.3	50-150		
NEtFOSE	3.16			ng/L	3.20		98.8	50-150		
HFPO-DA	0.716 J			ng/L	0.800		89.5	50-150		
ADONA	0.712 J			ng/L	0.756		94.1	50-150		
PFEESA	1.21			ng/L	1.42		85.3	50-150		
PFMPA	1.32			ng/L	1.60		82.7	50-150		
PFMBA	1.45			ng/L	1.60		90.8	50-150		
NFDHA	1.35			ng/L	1.60		84.6	50-150		
9Cl-PF3ONS	0.666 J			ng/L	0.748		89.1	50-150		
11Cl-PF3OUDS	0.658 J			ng/L	0.756		87.1	50-150		
3:3FTCA	2.51			ng/L	3.20		78.4	50-150		
5:3FTCA	2.62			ng/L	3.20		82.0	50-150		
7:3FTCA	2.71			ng/L	3.20		84.5	50-150		
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Surrogate: 13C4-PFBA	33.0			ng/L	32.0		103	25-150		
Surrogate: 13C5-PFPEA	18.4			ng/L	16.0		115	25-150		
Surrogate: 13C5-PFHXA	9.09			ng/L	8.00		114	25-150		
Surrogate: 13C4-PFHPA	8.99			ng/L	8.00		112	25-150		
Surrogate: 13C8-PFOA	9.08			ng/L	8.00		114	25-150		
Surrogate: 13C9-PFNA	4.22			ng/L	4.00		106	25-150		
Surrogate: 13C6-PFDA	4.52			ng/L	4.00		113	25-150		
Surrogate: 13C7-PFUnA	4.47			ng/L	4.00		112	25-150		
Surrogate: 13C2-PFDOA	4.37			ng/L	4.00		109	25-150		
Surrogate: 13C2-PFTEDA	4.32			ng/L	4.00		108	25-150		

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Synergy Labs
1990 Prospect ct
Appleton, WI 54914

Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Christopher Rotar

Reported: 02/08/2024 13:16

Quality Control (Continued)

Per- and Polyfluoroalkyl Substances (Continued)

Analyte	Result/ Qual	PQL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
MRL Check (BDB0025-MRL1)					Prepared: 02/02/24 08:42 Analyzed: 02/05/24 22:50					
Surrogate: 13C3-PFBS	9.20			ng/L	8.00		115	25-150		
Surrogate: 13C3-PFHXS	9.14			ng/L	8.00		114	25-150		
Surrogate: 13C8-PFOS	8.76			ng/L	8.00		109	25-150		
Surrogate: 13C2-4:2FTS	19.2			ng/L	16.0		120	25-150		
Surrogate: 13C2-6:2FTS	21.9			ng/L	16.0		137	25-150		
Surrogate: 13C2-8:2FTS	21.4			ng/L	16.0		134	25-150		
Surrogate: 13C8-PFOA	4.10			ng/L	8.00		51.3	10-150		
Surrogate: D3-NMEFOSA	2.28			ng/L	8.00		28.5	10-150		
Surrogate: D5-NETFOA	2.46			ng/L	8.00		30.8	10-150		
Surrogate: D3-NMEFOSAA	17.8			ng/L	16.0		112	10-150		
Surrogate: D5-NETFOSAA	18.1			ng/L	16.0		113	10-150		
Surrogate: D7-NMEFOSE	30.5			ng/L	80.0		38.1	10-150		
Surrogate: D9-NETFOSE	32.7			ng/L	80.0		40.8	10-150		
Surrogate: 13C3-HFPO-DA	35.6			ng/L	32.0		111	25-150		

Method: EPA 1633

Batch: BDB0026 - EPA 1633

Blank (BDB0026-BLK1)

Prepared: 02/02/24 08:42 Analyzed: 02/04/24 20:15

PFBA	ND	6.4	0.83	ng/L
PFPeA	ND	3.2	0.26	ng/L
PFHxA	ND	1.6	0.22	ng/L
PFFHpA	ND	1.6	0.16	ng/L
PFOA	ND	1.6	0.61	ng/L
PFNA	ND	1.6	0.33	ng/L
PFDA	ND	1.6	0.41	ng/L
PFUnA	ND	1.6	0.64	ng/L
PFDaA	ND	1.6	0.45	ng/L
PFTTrDA	ND	1.6	0.81	ng/L
PFTeDA	ND	1.6	0.79	ng/L
PFBS	ND	1.6	0.15	ng/L
PFPeS	ND	1.6	0.25	ng/L
PFHxS	ND	1.6	0.13	ng/L
PFFHpS	ND	1.6	0.21	ng/L
PFOS	ND MI5,	1.6	0.25	ng/L
PFNS	ND	1.6	0.49	ng/L
PFDS	ND	1.6	0.61	ng/L
PFDoS	ND	1.6	0.49	ng/L
4:2FTS	ND	6.4	1.2	ng/L
6:2FTS	ND	6.4	1.3	ng/L
8:2FTS	ND	6.4	0.33	ng/L
PFOA	ND	1.6	0.42	ng/L
NMeFOSA	ND	6.4	1.9	ng/L
NETFOSA	ND	6.4	1.6	ng/L
NMeFOSAA	ND	1.6	0.42	ng/L
NETFOSAA	ND	1.6	0.46	ng/L
NMeFOSE	ND	6.4	4.0	ng/L
NETFOSE	ND	6.4	4.2	ng/L
HFPO-DA	ND	3.2	0.70	ng/L
ADONA	ND	3.2	0.49	ng/L

Synergy Labs 1990 Prospect ct Appleton, WI 54914	Project: Schaefer Brush Project Number: 1604-1204 Project Manager: Christopher Rotar	Reported: 02/08/2024 13:16
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Quality Control
(Continued)

Per- and Polyfluoroalkyl Substances (Continued)

Analyte	Result/ Qual	PQL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Blank (BDB0026-BLK1)					Prepared: 02/02/24 08:42 Analyzed: 02/04/24 20:15					
PFEESA	ND	3.2	0.44	ng/L						
PFMPA	ND	3.2	0.22	ng/L						
PFMBA	ND	3.2	0.36	ng/L						
NFDHA	ND	3.2	1.2	ng/L						
9CI-PF3ONS	ND	3.2	0.84	ng/L						
11CI-PF3OUDS	ND	3.2	0.82	ng/L						
3:3FTCA	ND	6.4	2.3	ng/L						
5:3FTCA	ND	6.4	1.8	ng/L						
7:3FTCA	ND	6.4	2.2	ng/L						
<hr/>										
<i>Surrogate: 13C4-PFBA</i>	<i>122</i>			<i>ng/L</i>	<i>128</i>		<i>95.3</i>	<i>25-150</i>		
<i>Surrogate: 13C5-PFPEA</i>	<i>68.7</i>			<i>ng/L</i>	<i>64.0</i>		<i>107</i>	<i>25-150</i>		
<i>Surrogate: 13C5-PFHXA</i>	<i>33.1</i>			<i>ng/L</i>	<i>32.0</i>		<i>103</i>	<i>25-150</i>		
<i>Surrogate: 13C4-PFHFA</i>	<i>34.6</i>			<i>ng/L</i>	<i>32.0</i>		<i>108</i>	<i>25-150</i>		
<i>Surrogate: 13C8-PFOA</i>	<i>35.4</i>			<i>ng/L</i>	<i>32.0</i>		<i>111</i>	<i>25-150</i>		
<i>Surrogate: 13C9-PFNA</i>	<i>16.9</i>			<i>ng/L</i>	<i>16.0</i>		<i>106</i>	<i>25-150</i>		
<i>Surrogate: 13C6-PFDA</i>	<i>17.4</i>			<i>ng/L</i>	<i>16.0</i>		<i>109</i>	<i>25-150</i>		
<i>Surrogate: 13C7-PFUnA</i>	<i>17.2</i>			<i>ng/L</i>	<i>16.0</i>		<i>107</i>	<i>25-150</i>		
<i>Surrogate: 13C2-PFDOA</i>	<i>17.1</i>			<i>ng/L</i>	<i>16.0</i>		<i>107</i>	<i>25-150</i>		
<i>Surrogate: 13C2-PFTEDA</i>	<i>15.7</i>			<i>ng/L</i>	<i>16.0</i>		<i>98.1</i>	<i>25-150</i>		
<i>Surrogate: 13C3-PFBS</i>	<i>34.7</i>			<i>ng/L</i>	<i>32.0</i>		<i>109</i>	<i>25-150</i>		
<i>Surrogate: 13C3-PFHXS</i>	<i>34.3</i>			<i>ng/L</i>	<i>32.0</i>		<i>107</i>	<i>25-150</i>		
<i>Surrogate: 13C8-PFOS</i>	<i>34.3</i>			<i>ng/L</i>	<i>32.0</i>		<i>107</i>	<i>25-150</i>		
<i>Surrogate: 13C2-4:2FTS</i>	<i>76.1</i>			<i>ng/L</i>	<i>64.0</i>		<i>119</i>	<i>25-150</i>		
<i>Surrogate: 13C2-6:2FTS</i>	<i>82.7</i>			<i>ng/L</i>	<i>64.0</i>		<i>129</i>	<i>25-150</i>		
<i>Surrogate: 13C2-8:2FTS</i>	<i>83.8</i>			<i>ng/L</i>	<i>64.0</i>		<i>131</i>	<i>25-150</i>		
<i>Surrogate: 13C8-PFOSA</i>	<i>24.3</i>			<i>ng/L</i>	<i>32.0</i>		<i>76.1</i>	<i>10-150</i>		
<i>Surrogate: D3-NMEFOSA</i>	<i>14.5</i>			<i>ng/L</i>	<i>32.0</i>		<i>45.2</i>	<i>10-150</i>		
<i>Surrogate: D5-NETFOSA</i>	<i>17.8</i>			<i>ng/L</i>	<i>32.0</i>		<i>55.5</i>	<i>10-150</i>		
<i>Surrogate: D3-NMEFOSAA</i>	<i>70.6</i>			<i>ng/L</i>	<i>64.0</i>		<i>110</i>	<i>10-150</i>		
<i>Surrogate: D5-NETFOSAA</i>	<i>71.6</i>			<i>ng/L</i>	<i>64.0</i>		<i>112</i>	<i>10-150</i>		
<i>Surrogate: D7-NMEFOSE</i>	<i>156</i>			<i>ng/L</i>	<i>320</i>		<i>48.9</i>	<i>10-150</i>		
<i>Surrogate: D9-NETFOSE</i>	<i>185</i>			<i>ng/L</i>	<i>320</i>		<i>57.7</i>	<i>10-150</i>		
<i>Surrogate: 13C3-HFPO-DA</i>	<i>127</i>			<i>ng/L</i>	<i>128</i>		<i>99.1</i>	<i>25-150</i>		

Synergy Labs
1990 Prospect ct
Appleton, WI 54914

Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Christopher Rotar

Reported: 02/08/2024 13:16

Quality Control
(Continued)

Per- and Polyfluoroalkyl Substances (Continued)

Analyte	Result/ Qual	PQL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BDB0026-BS1)					Prepared: 02/02/24 08:42 Analyzed: 02/04/24 20:36					
PFBA	62.3			ng/L	64.0		97.3	60-135		
PFPeA	30.1			ng/L	32.0		94.2	60-135		
PFHxA	16.0			ng/L	16.0		99.9	60-135		
PFHpA	15.3			ng/L	16.0		95.5	60-135		
PFOA	15.7			ng/L	16.0		98.3	60-135		
PFNA	15.5			ng/L	16.0		97.0	60-135		
PFDA	15.8			ng/L	16.0		99.0	60-135		
PFUnA	15.0			ng/L	16.0		93.7	60-135		
PFDaA	14.9			ng/L	16.0		93.1	60-135		
PFTrDA	15.5			ng/L	16.0		96.7	60-135		
PFTeDA	15.8			ng/L	16.0		98.9	60-135		
PFBS	13.7			ng/L	14.2		96.6	60-135		
PFPeS	15.1			ng/L	15.0		100	60-135		
PFHxS	14.3			ng/L	14.6		98.0	60-135		
PFHpS	14.5			ng/L	15.3		94.6	60-135		
PFOS	14.2			ng/L	14.9		95.6	60-135		
PFNS	14.4			ng/L	15.4		93.8	60-135		
PFDS	14.8			ng/L	15.4		95.7	60-135		
PFDoS	13.5			ng/L	15.5		86.9	60-135		
4:2FTS	60.6			ng/L	60.0		101	60-135		
6:2FTS	60.8			ng/L	60.8		100	60-135		
8:2FTS	61.3			ng/L	61.4		99.8	60-135		
PFOSA	16.1			ng/L	16.0		101	60-135		
NMeFOSA	62.9			ng/L	64.0		98.2	60-135		
NEtFOSA	60.0			ng/L	64.0		93.7	60-135		
NMeFOSAA	14.7			ng/L	16.0		91.9	60-135		
NEtFOSAA	15.4			ng/L	16.0		95.9	60-135		
NMeFOSE	61.7			ng/L	64.0		96.5	60-135		
NEtFOSE	59.7			ng/L	64.0		93.3	60-135		
HFPO-DA	15.3			ng/L	16.0		95.9	60-135		
ADONA	16.2			ng/L	15.1		107	60-135		
PFEESA	29.2			ng/L	28.5		102	60-135		
PFMPA	29.8			ng/L	32.0		93.1	60-135		
PFMBA	30.1			ng/L	32.0		94.2	60-135		
NFDHA	31.5			ng/L	32.0		98.4	60-135		
9Cl-PF3ONS	14.5			ng/L	15.0		97.1	60-135		
11Cl-PF3OUDS	15.2			ng/L	15.1		101	60-135		
3:3FTCA	61.6			ng/L	64.0		96.3	60-135		
5:3FTCA	65.9			ng/L	64.0		103	60-135		
7:3FTCA	58.6			ng/L	64.0		91.5	60-135		
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Surrogate: 13C4-PFBA	133			ng/L	128		104	25-150		
Surrogate: 13C5-PFPEA	67.6			ng/L	64.0		106	25-150		
Surrogate: 13C5-PFHXA	31.9			ng/L	32.0		99.8	25-150		
Surrogate: 13C4-PFHPA	33.0			ng/L	32.0		103	25-150		
Surrogate: 13C8-PFOA	33.7			ng/L	32.0		105	25-150		
Surrogate: 13C9-PFNA	16.4			ng/L	16.0		103	25-150		
Surrogate: 13C6-PFDA	17.0			ng/L	16.0		107	25-150		
Surrogate: 13C7-PFUnA	17.7			ng/L	16.0		111	25-150		
Surrogate: 13C2-PFD OA	17.0			ng/L	16.0		106	25-150		
Surrogate: 13C2-PFTEDA	15.3			ng/L	16.0		95.5	25-150		

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Synergy Labs
1990 Prospect ct
Appleton, WI 54914

Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Christopher Rotar

Reported: 02/08/2024 13:16

Quality Control (Continued)

Per- and Polyfluoroalkyl Substances (Continued)

Analyte	Result/ Qual	PQL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BDB0026-BS1)					Prepared: 02/02/24 08:42 Analyzed: 02/04/24 20:36					
Surrogate: 13C3-PFBS	32.6			ng/L	32.0		102	25-150		
Surrogate: 13C3-PFHXS	33.3			ng/L	32.0		104	25-150		
Surrogate: 13C8-PFOS	34.0			ng/L	32.0		106	25-150		
Surrogate: 13C2-4:2FTS	71.6			ng/L	64.0		112	25-150		
Surrogate: 13C2-6:2FTS	77.6			ng/L	64.0		121	25-150		
Surrogate: 13C2-8:2FTS	78.5			ng/L	64.0		123	25-150		
Surrogate: 13C8-PFOA	26.4			ng/L	32.0		82.5	10-150		
Surrogate: D3-NMEFOSA	20.7			ng/L	32.0		64.7	10-150		
Surrogate: D5-NETFOSA	22.9			ng/L	32.0		71.6	10-150		
Surrogate: D3-NMEFOSAA	71.2			ng/L	64.0		111	10-150		
Surrogate: D5-NETFOSAA	68.5			ng/L	64.0		107	10-150		
Surrogate: D7-NMEFOSE	205			ng/L	320		64.1	10-150		
Surrogate: D9-NETFOSSE	237			ng/L	320		74.0	10-150		
Surrogate: 13C3-HFPO-DA	123			ng/L	128		96.4	25-150		

MRL Check (BDB0026-MRL1)

Analyte	Result/ Qual	PQL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
MRL Check (BDB0026-MRL1)					Prepared: 02/02/24 08:42 Analyzed: 02/04/24 20:56					
PFBA	13.8			ng/L	12.8		108	50-150		
PFPeA	5.93			ng/L	6.40		92.7	50-150		
PFHxA	2.76			ng/L	3.20		86.1	50-150		
PFHpA	2.88			ng/L	3.20		90.1	50-150		
PFOA	3.12			ng/L	3.20		97.5	50-150		
PFNA	2.85			ng/L	3.20		89.2	50-150		
PFDA	3.00			ng/L	3.20		93.8	50-150		
PFUnA	2.75			ng/L	3.20		85.9	50-150		
PFDaA	2.81			ng/L	3.20		87.7	50-150		
PFTrDA	2.83			ng/L	3.20		88.6	50-150		
PFTeDA	2.98			ng/L	3.20		93.2	50-150		
PFBS	2.65			ng/L	2.83		93.5	50-150		
PFPeS	2.75			ng/L	3.01		91.4	50-150		
PFHxS	2.63			ng/L	2.93		90.0	50-150		
PFHpS	2.62			ng/L	3.06		85.6	50-150		
PFOS	2.84			ng/L	2.98		95.3	50-150		
PFNS	2.51			ng/L	3.07		81.6	50-150		
PFDS	2.61			ng/L	3.09		84.4	50-150		
PFDoS	2.06			ng/L	3.10		66.5	50-150		
4:2FTS	10.1			ng/L	12.0		84.4	50-150		
6:2FTS	9.76			ng/L	12.2		80.3	50-150		
8:2FTS	11.1			ng/L	12.3		90.0	50-150		
PFOSA	2.81			ng/L	3.20		87.9	50-150		
NMeFOSA	10.5			ng/L	12.8		81.7	50-150		
NETFOSA	10.3			ng/L	12.8		80.6	50-150		
NMeFOSAA	2.53 MI5			ng/L	3.20		79.0	50-150		
NETFOSAA	2.47 MI2			ng/L	3.20		77.3	50-150		
NMeFOSE	11.0			ng/L	12.8		86.0	50-150		
NETFOSE	11.4			ng/L	12.8		88.8	50-150		
HFPO-DA	2.81 J			ng/L	3.20		87.8	50-150		
ADONA	2.96 J			ng/L	3.02		97.8	50-150		
PFEESA	5.11			ng/L	5.70		89.7	50-150		
PFMPA	5.14			ng/L	6.40		80.3	50-150		
PFMBA	5.88			ng/L	6.40		91.8	50-150		

Synergy Labs 1990 Prospect ct Appleton, WI 54914	Project: Schaefer Brush Project Number: 1604-1204 Project Manager: Christopher Rotar	Reported: 02/08/2024 13:16
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Quality Control
(Continued)

Per- and Polyfluoroalkyl Substances (Continued)

Analyte	Result/ Qual	PQL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
MRL Check (BDB0026-MRL1)					Prepared: 02/02/24 08:42		Analyzed: 02/04/24 20:56			
NFDHA	5.94			ng/L	6.40		92.7	50-150		
9CI-PF3ONS	2.67 J			ng/L	2.99		89.4	50-150		
11CI-PF3OUDS	2.71 J			ng/L	3.02		89.6	50-150		
3:3FTCA	10.9			ng/L	12.8		85.4	50-150		
5:3FTCA	11.4			ng/L	12.8		89.3	50-150		
7:3FTCA	10.2			ng/L	12.8		79.7	50-150		
<hr/>										
Surrogate: 13C4-PFBA	132			ng/L	128		103	25-150		
Surrogate: 13C5-PFPEA	70.7			ng/L	64.0		110	25-150		
Surrogate: 13C5-PFHXA	34.2			ng/L	32.0		107	25-150		
Surrogate: 13C4-PFHFA	35.3			ng/L	32.0		110	25-150		
Surrogate: 13C8-PFOA	35.5			ng/L	32.0		111	25-150		
Surrogate: 13C9-PFNA	17.2			ng/L	16.0		107	25-150		
Surrogate: 13C6-PFDA	17.0			ng/L	16.0		106	25-150		
Surrogate: 13C7-PFUnA	16.9			ng/L	16.0		106	25-150		
Surrogate: 13C2-PFDOA	16.7			ng/L	16.0		104	25-150		
Surrogate: 13C2-PFTEDA	13.9			ng/L	16.0		86.7	25-150		
Surrogate: 13C3-PFBS	35.0			ng/L	32.0		109	25-150		
Surrogate: 13C3-PFHXS	34.9			ng/L	32.0		109	25-150		
Surrogate: 13C8-PFOS	34.2			ng/L	32.0		107	25-150		
Surrogate: 13C2-4:2FTS	75.3			ng/L	64.0		118	25-150		
Surrogate: 13C2-6:2FTS	91.3			ng/L	64.0		143	25-150		
Surrogate: 13C2-8:2FTS	80.8			ng/L	64.0		126	25-150		
Surrogate: 13C8-PFOA	27.3			ng/L	32.0		85.2	10-150		
Surrogate: D3-NMEFOA	18.6			ng/L	32.0		58.0	10-150		
Surrogate: D5-NETFOA	21.8			ng/L	32.0		68.1	10-150		
Surrogate: D3-NMEFOSAA	72.3			ng/L	64.0		113	10-150		
Surrogate: D5-NETFOSAA	71.3			ng/L	64.0		111	10-150		
Surrogate: D7-NMEFOSE	212			ng/L	320		66.3	10-150		
Surrogate: D9-NETFOSE	260			ng/L	320		81.2	10-150		
Surrogate: 13C3-HFPO-DA	127			ng/L	128		99.3	25-150		

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Synergy Labs
1990 Prospect ct
Appleton, WI 54914

Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Christopher Rotar

Reported: 02/08/2024 13:16

Notes and Definitions

Item	Definition
IR2	Ion ratio above the upper control limit
J	Estimated value
MI1	Manual integration, integration does not follow baseline
MI2	Manual integration, non-target peak interference
MI5	Manual integration, whole peak was not integrated
U	Not detected
Dry	Sample results reported on a dry weight basis.
MDL	Method Detection Limit (only displays if reported to the MDL)
ND	Analyte NOT DETECTED at or above the reporting limit.
DF	Dilution Factor
DL	Detection Limit
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated.
PQL, Practical Quantitation Limit	= Method Reporting Limit (MRL).

Synergy Labs
1990 Prospect ct
Appleton, WI 54914

Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Christopher Rotar

Reported: 02/08/2024 13:16



WORK ORDER

24A0175

Printed: 02/08/2024 1:16 pm

Project: Schaefer Brush
Project Number: 1604-1204
Project Manager: Steven Crupi
PO Number:

Report To:

Synergy Labs
Christopher Rotar
1990 Prospect ct
Appleton, WI 54914
Phone: (920) 830-2455

Invoice To:

Synergy Labs
Christopher Rotar
1990 Prospect ct
Appleton, WI 54914
Phone: (920) 830-2455

Date Received: 02/01/2024 09:40 AM
Date Due: 02/15/2024 (10.00 day TAT)

Logged In By: Eric Ogden
Received By: Terry Moren

Analysis	Comments
24A0175-01 5043510 A [Water] Sampled 1/29/2024 3:05:00PM 1633 Wi 36 Compound List	
24A0175-02 5043510 B [Water] Sampled 1/29/2024 4:05:00PM 1633 Wi 36 Compound List	
24A0175-03 5043510 C [Water] Sampled 1/30/2024 10:05:00AM 1633 Wi 36 Compound List	
24A0175-04 5043510 D [Water] Sampled 1/30/2024 11:15:00AM 1633 Wi 36 Compound List	
24A0175-05 5043510 J [Water] Sampled 1/30/2024 11:35:00AM 1633 Wi 36 Compound List	
24A0175-06 5043510 K [Water] Sampled 1/30/2024 11:40:00AM 1633 Wi 36 Compound List	
24A0175-07 5043510 I [Water] Sampled 1/30/2024 11:40:00AM 1633 Wi 36 Compound List	

Synergy Labs
 1990 Prospect ct
 Appleton, WI 54914

Project: Schaefer Brush
 Project Number: 1604-1204
 Project Manager: Christopher Rotar

Reported: 02/08/2024 13:16

24A0175

Sample Receipt Log

Default Cooler

Samples Received at: **1.0°C**

Custody Seals	Yes	Were all containers sealed in separate bags?	Yes
Containers Intact	Yes	Did all containers arrive in good condition?	Yes
COC/Labels Agree	Yes	Correct containers/preserv. for tests indicated?	Yes
Preservation Confirmed	Yes	Sufficient volume sent for tests requested?	Yes
Received On Ice	Yes	Were bubbles absent in volatile samples?	No
Was a chain of custody received?	Yes	Sufficient remaining holding time for analyses?	Yes
COCs complete/signed in the appropriate places?	Yes	pH of non-VOA preserved containers documented?	No
Sample labels complete? Sample ID, date/time, etc.	Yes	Unpreserved vials received for VOA analysis?	No
Did all container labels agree with COCs?	Yes	If "yes", are unpreserved VOA vials noted on Work	No

CHAIN OF CUSTODY RECORD

Synergy

Environmental Lab, LLC

www.synergy-lab.net
 1990 Prospect Ct. • Appleton, WI 54914
 920-830-2455 • mrsynergy@wi.twcbc.com

Chain # 52744

Page 1 of 1 *Clb*

Sample Handling Request

Rush Analysis Date Required: _____
 (Rushes accepted only with prior authorization)

Normal Turn Around

Lab I.D. # _____

QUOTE #: _____

Project #: _____

Sampler: (signature) _____

Project (Name / Location): _____

Reports To: _____

Company *SEL*

Address _____

City State Zip _____

Phone _____

Email _____

Invoice To: _____

Company *SEL*

Address _____

City State Zip _____

Phone _____

Email _____

Lab I.D.	Sample I.D.	Collection Date	Time	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC (EPA 8260)	VOC AIR (TO - 15)	8-RCRA METALS	Other Analysis	PID/ FID	
	<i>5043510A</i>	<i>0129</i>	<i>1505</i>	<i>N</i>	<i>1</i>	<i>GW</i>	<i>ICE</i>																	
	<i>5043510B</i>	<i>0129</i>	<i>1605</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>																	
	<i>5043510C</i>	<i>0130</i>	<i>1005</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>																	
	<i>5043510D</i>	<i>0130</i>	<i>1115</i>	<i>N</i>	<i>1</i>	<i>GW</i>	<i>↓</i>																	
	<i>5043510J</i>	<i>0130</i>	<i>1135</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>																	
	<i>5043510K</i>	<i>0130</i>	<i>1140</i>	<i>N</i>	<i>1</i>	<i>GW</i>	<i>↓</i>																	
	<i>5043510I</i>	<i>1-30</i>		<i>N</i>	<i>1</i>	<i>GW</i>	<i>↓</i>																	

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge, etc.)

5043510I = Dup
5043510J = Equia Bk
5043510K = Field Bk

Sample Integrity - To be completed by receiving lab.

Method of Shipment: _____ °C On Ice: _____

Temp. of Temp. Blank: _____ Yes _____ No

Cooler seal intact upon receipt: _____ Yes _____ No

Relinquished By: (sign) *[Signature]* Date *01.31.24*

Received By: (sign) _____ Date: _____

Time: _____

CHAIN OF CUSTODY RECORD

Synergy

24A0175

Chain # 52744

Page 1 of 1 *Cl*

Environmental Lab, LLC

www.synergy-lab.net
1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • mrsynergy@wi.twcbc.com

Sample Handling Request

Rush Analysis Date Required: _____
(Rushes accepted only with prior authorization)
 Normal Turn Around

Lab I.D. #
 QUOTE # :
 Project #:
 Sampler: (signature)

Project (Name / Location):
 Reports To: Invoice To:
 Company *SEL* Company *SEL*
 Address Address
 City State Zip City State Zip
 Phone Phone
 Email Email

Analysis Requested											Other Analysis				
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-PCRA METALS	PID/ FID
														<i>XXXXXX PEAS 1633 WI</i>	

Lab I.D.	Sample I.D.	Collection Date	Time	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
	<i>5043510 A</i>	<i>01.29</i>	<i>1505</i>	<i>N</i>	<i>1</i>	<i>GW</i>	<i>Ice</i>
	<i>5043510 B</i>	<i>01.29</i>	<i>1605</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>
	<i>5043510 C</i>	<i>01.30</i>	<i>1005</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>
	<i>5043510 D</i>	<i>01.30</i>	<i>1115</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>
	<i>5043510 J</i>	<i>01.30</i>	<i>1135</i>	<i>N</i>	<i>1</i>	<i>GW</i>	<i>↓</i>
	<i>5043510 K</i>	<i>01.30</i>	<i>1140</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>
	<i>5043510 I</i>	<i>1-30</i>		<i>N</i>	<i>1</i>	<i>GW</i>	<i>↓</i>

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge, etc.)

*5043510I = Dup
5043510J = Equiv. Bk
5043510K = Field Bk*

Sample Integrity - To be completed by receiving lab.

Method of Shipment: *FedEx*

Temp. of Temp. Blank: *14/1.0* °C On Ice: _____

Cooler seal intact upon receipt: Yes No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
<i>B. J. Moran</i>	<i>1300</i>	<i>01.31.24</i>	_____	_____	_____

Received in Laboratory By: *Jerry Moran* Time: *9:40*

