December 27, 2023

Mr. Paul Grittner
Hydrogeologist
Wisconsin Department of Natural Resources
141 NW Barstow Street
Waukesha, WI 53188-3789

Re: Status Update
D F INC
2517 East Norwich Avenue
St. Francis, Wisconsin 53221
Tax Key # 5849972000
BRRTS# 02-41-097173; FID # 241239460

Dear Paul:

LF Green Development, LLC (LF Green) has prepared this Status Update for the DF site located at 2517 East Norwich Avenue, St. Francis, Wisconsin (the "Site"). The site location is presented as **Figure 1**.

The Site is identified on the Wisconsin Department of Natural Resources (WDNR) Bureau for Remediation and Redevelopment Tracking System (BRRTS) as an Environmental Repair Program (ERP) site (BRRTS# 02-41-097173) opened in February 1996. Volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs) and metals occur at the Site at concentrations exceeding NR 720 residual contaminant levels (RCLs).

Soil Investigation

LF Green Evaluated the former plating area on the east side of the building with respect to contaminant transport. LF Green conducted soil borings LFSB1 through LFSB4 adjacent to the former plating area and analyzed samples for VOCs, PAHs and metals to assess the extent of impacts and the potential for releases from the former plating operations. A detailed site map is presented as **Figure 2**. A monitoring well construction form, soil boring logs and abandonment forms are included in **Appendix A.** Soil laboratory analytical results are summarized in **Table 1**, which includes a comparison of detected compounds relative to NR 720 residual contaminant levels (RCLs). Laboratory analytical reports are included in **Appendix B**.

Prior reports indicate that a degreasing, etching, and plating room occupied the east and southeast portions of the manufacturing area of the Site. This area was constructed on a concrete floor overlaying a slanted

concrete basin draining to a concrete lined sump. The sump pump was connected to a stainless steel pipe routed and connected to a wastewater treatment system.

The plating area structure has been razed, leaving the floor intact. The slanted concrete basin was filled with imported sand and gravel to provide a level surface. LF Green opened an access hatch within the former plating area and found that plating area piping occurred in a below-grade vault approximately three feet deep and constructed of two layers of thick concrete or pre-cast concrete. Neither the floor around the piping vault nor the plating basin could be penetrated. Soil borings were therefore situated east of the former plating building.

Soils encountered on the Site included surficial possible clay fill soils to depths of approximately 2 to 4 feet below ground surface (bgs) underlain by silty clay soils with sand layers. Samples collected from the upper possible fill soils at 2 to 3 feet bgs and 4 to 5 feet bgs which is the approximate depth of the base of the plating structure. Analytical results showed the following:

- Contaminants were found at highest concentrations in soils collected from the upper possible fill soils.
- Chromium was detected above its Background Threshold Value (BTV) in LFSB-3 at 4 to 5 feet bgs. PAHs and VOCs were detected below RCLs at this interval with the exception of a low level of Trichloroethene (TCE) exceeding its groundwater pathway RCL.
- Chromium was detected above its BTV and lead was detected above its non-industrial direct contact RCL at 2 to 3 feet in LFSB-4. PAHs were also detected well above RCLs, and VOCs were detected above groundwater pathway RCLs.

Additionally, LF Green installed a piezometer (MW-19) downgradient of the contaminant plume and collected soil samples for analysis of VOCs, PAHs and metals. TCE was found above its groundwater pathway RCL and PAHs were detected above RCLs in the possible fill soils analyzed. Metals were not detected or were below RCLs.

FUTURE TASKS

Additional investigation is necessary to define the extent of contamination. The investigation scope of work will preliminarily include the following elements:

- Obtain historical site investigation boring logs from WDNR to better evaluate subsurface conditions and contaminant migration pathways, incorporating this data into cross-sections.
- Conduct an additional round of groundwater sampling from newly installed MW-19 and select existing wells and analyze groundwater samples for VOCs, 1,4- dioxane (low level), and metals, including hexavalent chromium.

3434 Mill Road, Suite 30
Sheboygan, WI 53083
414-254-4813
lfellenz@lfgreendevelopment.com

- Install an additional piezometer near MW-9 (northeast area of the property) depending on groundwater findings.
- Conduct groundwater sampling for PFAS depending on findings of the hexavalent chromium analyses.
- Conduct two rounds of additional sub-slab sampling within the building during the months of January-early February.
- Evaluate stormwater migration through the culvert and samples seeps during and after significant rainfall events.
- Collect samples of the seep water and culvert discharge water for laboratory analysis of VOCs.
- Update tables and figures and provide regular updates to WDNR.

Thank you for your continued assistance with this project. If you have any questions or comments, please feel free to contact us.

Sincerely,

LF Green Development, LLC

Katherine M. Juno, PG

I, KATHERINE M. JUNO, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Attachments:	Figures:	Figure 1 Site Location
		Figure 2 Detailed Site Map
	Table:	Table 1 Soil Analytical Results
	Appendices:	Appendix A: Soil Boring Logs, Abandonment Forms and Monitoring Well Construction Form
		Appendix B: Laboratory Soil Analytical Results

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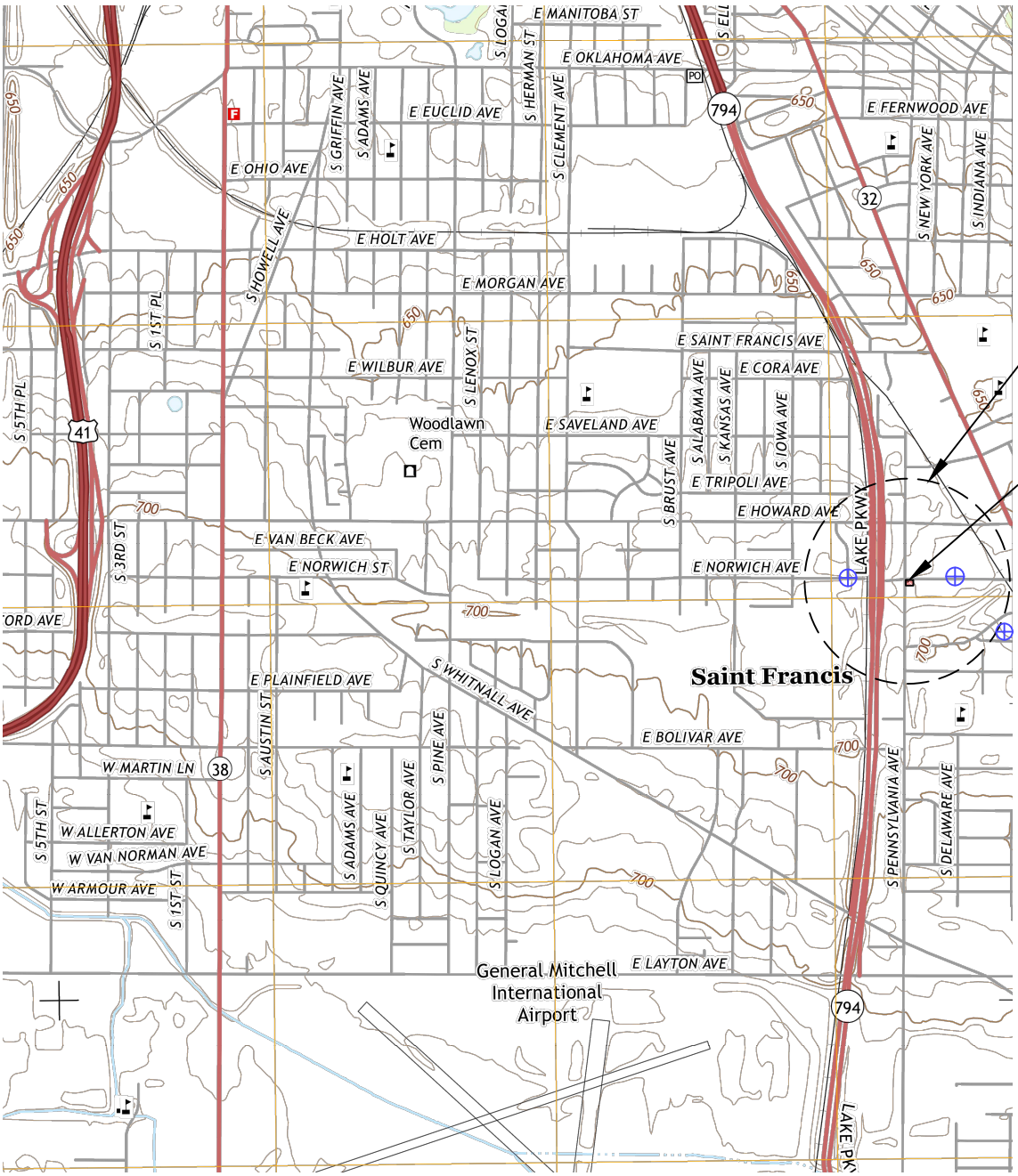
FIGURES



SOURCE: USGS Greenfield, WI Quadrangle 2015

QUADRANGLE LOCATION

LEGEND

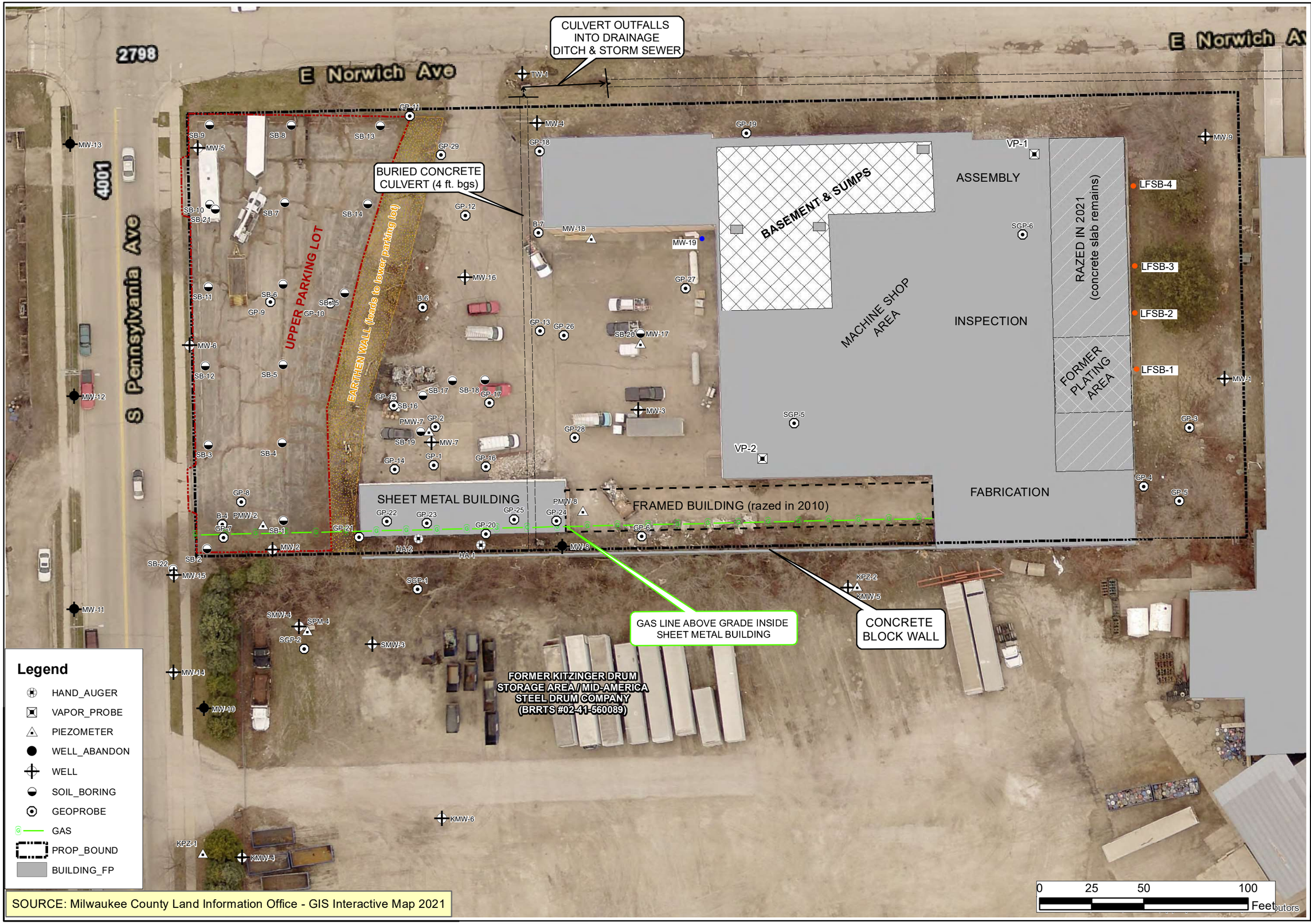
⊕ APPROXIMATE POTABLE WELL LOCATION

SCALE IN FEET

2000' 0 2000'

FIGURE 1
SITE LOCATION
D F INC.
2517 E. NORWICH AVENUE
ST. FRANCIS, WISCONSIN
BRRTS #02-41-097173

Apr 24, 2017 – 12:07pm D:\Hopkins, Robin\Documents\KMJ_Green Development\BASE FIGURE.dwg



Legend

- HAND_AUGER
- VAPOR_PROBE
- PIEZOMETER
- WELL_ABANDON
- WELL
- SOIL_BORING
- GEOPROBE
- GAS
- PROP_BOUND
- BUILDING_FP

SOURCE: Milwaukee County Land Information Office - GIS Interactive Map 2021

LF Green DEVELOPMENT, LLC

5600 W. Brown Deer Road
Suite 104
Milwaukee, WI 53223
Cell: 414-254-4813
Fax: 414-375-4098
lfgreendevelopment.com
WBE, SBE, WOSB, DBE

REVISIONS

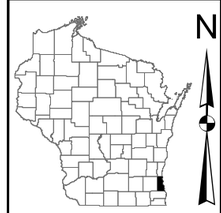


FIGURE 2

DETAILED SITE MAP

CHECKED BY: KJ

DRAWN BY: TJD

DATE: 11/30/2021

SCALE: AS SHOWN

D F INC.
2517 E. NORWICH AVE.
ST. FRANCIS, WIS.
BRRTS #02-41-097173

TABLE

TABLE 2

SOIL ANALYTICAL RESULTS

FORMER D-F PROPERTY

ST. FRANCIS, WISCONSIN

			Sample Location	SB01	SB02	SB03	SB04	SB05	SB06	SB07	SB08	SB09	SB10	SB11
			Ground Elevation	666.16	665.68	664.93	665.25	664.50	663.54	662.66	661.81	662.51	663.03	663.54
			Date Sampled	7/21/97	7/21/97	7/21/97	7/22/97	7/22/97	7/22/97	7/22/97	7/22/97	7/22/97	7/22/97	7/22/97
		Direct Contact Zone	**Sample Depth**	2-4'	2-4'	4-6'	4-6'	4-6'	1-2'	2-4'	4-6'	4-6'	2-4'	2-4'
		Saturated (S)	**Unsaturated (U)**	U	U	U	U	U	U	U	U	U	U	U
			Sample Elevation	662.16-664.16	661.68-663.68	658.93-660.93	659.25-661.25	658.5-660.5	661.54-662.64	658.66-650.66	655.81-657.81	656.51-658.51	659.03-651.03	659.54-661.54
Parameters	**Non-Industrial Direct Contact RCL (µg/kg)**	**Industrial Direct Contact RCL (µg/kg)**	***Groundwater Pathway RCL (µg/kg)***	upper parking lot - south	upper parking lot - south	upper parking lot - south	upper parking lot - south	upper parking lot - south	upper parking lot - south	upper parking lot - north	upper parking lot - north	upper parking lot - north	upper parking lot - north	upper parking lot - north
Petroleum Volatile Organic Compounds				**Results reported as micrograms per kilogram (µg/kg)**										
Benzene	1,600	7,070	5.1	<2.4	<4.6	<13	<15	<46	<48	<22	<2.4	<4.4	<11	<12
Toluene	818,000	818,000	1,107	<6.0	<12	<33	<37	<120	<120	<55	<6.0	<11	<27	<30
Ethylbenzene	1,570	35,400	1,570	<6.0	<12	<33	<37	<120	<120	<55	<6.0	<11	<27	<30
Total Xylenes	260,000	260,000	3,960	<18	<35	<98	<110	<350	<360	< 165	<18	<33	<80	<90
m,p-Xylenes	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	867,000	867,000	220	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	219,000	219,000	1,382.1	<12	<23	<65	<74	<230	<240	<110	<12	<22	<53	<60
1,3,5-Trimethylbenzene	182,000	182,000		<12	<23	<65	<74	<230	<240	<110	<12	<22	<53	<60
Chlorinated Ethenes														
Tetrachloroethene	33,000	145,000	4.5	***35***	***44***	***86***	<37	250	<120	<55	<6.0	<11	***35***	***37***
Trichloroethene	1,300	8,410	3.6	***540***	***660***	***990***	***1,500***	***4,800***	***2,100***	***1,900***	***46***	***390***	***770***	***1,000***
cis-1,2-Dichloroethene	156,000	2,340,000	41.2	***120***	***160***	***250***	***1,600***	***3,300***	***1,700***	<55	9.4	***130***	***320***	***680***
trans-1,2-Dichloroethene	1,560,000	1,850,000	62.6	<6.0	<12	<33	<37	<120	<120	<55	<6.0	<11	<27	<30
1,1-Dichloroethene	320,000	1,190,000	5	<6.0	<12	<33	<37	<120	<120	***130***	<6.0	<11	<27	<30
Vinyl Chloride	67	2,080	0.138	<6	<12	<33	<37	<120	<120	***1,200***	<6.0	< 11	<27	<30
Chlorinated Ethanes														
1,1,1-Trichloroethane	640,000	640,000	140.2	40	41	140	59	140	<120	<55	<6.0	27	<27	<30
1,2-Dichloroethane	652	2,870	2.8	<6.0	<12	<33	<37	<120	<120	<55	<6.0	< 11	<27	<30
1,1-Dichloroethane	5,060	22,200	483	27	13	72	130	<120	< 120	***1,500***	<6.0	18	<27	<30
Chloroethane	2,120,000	2,120,000	227	<6.0	<12	<33	<37	<120	<120	<55	<6.0	<11	<27	<30
Other Volatile Organic Compounds														
Bromochloromethane	216,000	906,000	NS	<6.0	<12	<33	<37	<120	<120	<55	<6.0	<11	<27	<30
Chloromethane	159,000	669,000	15.5	<6.0	<12	<33	<37	<120	<120	<55	<6.0	<11	<27	<30
Chloroform	454	1,980	3.3	<6.0	<12	<33	<37	<120	<120	<55	<6.0	<11	<27	<30
n-Butylbenzene	108,000	108,000	NS	<6.0	<12	<33	<37	<120	<120	<55	<6.0	<11	<27	<30
sec-Butylbenzene	145,000	145,000	NS	<6.0	<12	<33	<37	<120	<120	<55	<6.0	<11	<27	<30
tert-Butylbenzene	183,000	183,000	NS	<6.0	<12	<33	<37	<120	<120	<55	<6.0	<11	<27	<30
lsopropylbenzene	268,000	268,000	NS	<6.0	<12	<33	<37	<120	<120	<55	<6.0	<11	<27	<30
n-Propylbenzene	264,000	264,000	NS	<6.0	<12	<33	<37	<120	< 120	<55	<6.0	<11	<27	<30
p-lsopropyltoluene	162,000	162,000	NS	<6.0	<12	<33	<37	<120	<120	<55	<6.0	<11	<27	<30
Naphthalene	5,520	24,100	658	<30	<58	<160	<190	<580	<600	<275	<30	<55	<130	<150
Methylene Chloride	61,800	1,150,000	2.56	<6.0	<12	<33	<37	<120	< 120	<55	<6.0	<11	<27	<30

Notes:

See Figure 2 for sampling locations.

Key:

RCL: Residual Contaminant Level (December 2018)

NA = Not analyzed

NS = RCL Not Established

BOLD and boxed values exceed the WDNR NR 720 - Industrial RCLs for the direct contact exposure pathway

BOLD values exceed the WDNR NR 720 - Non-Industrial RCLs for the direct contact exposure pathway

ITALIC underline values exceed NR 720 Groundwater Protection RCLs

TABLE 2

SOIL ANALYTICAL RESULTS

FORMER D-F PROPERTY

ST. FRANCIS, WISCONSIN

			Sample Location	SB12	SB13	SB14	SB15	SB15	SB16	SB17	SB18	SB19	SB20	SB21
			Ground Elevation	664.22	660.81	661.91	663.52	663.52	658.88	658.80	658.81	659.14	659.23	663.10
			Date Sampled	7/22/97	7/22/97	7/23/97	7/23/97	7/23/97	7/24/97	7/24/97	7/24/97	7/24/97	7/24/97	7/24/97
		Direct Contact Zone	Sample Depth	0-2'	0-2'	2-4'	2-4'	9-11'	0-2'	0-2'	0-2'	0-2'	16-17'	10-12'
		Saturated (S)	Unsaturated (U)	U	U	U	U	U	U	U	U	U	S	S
			Sample Elevation	662.22-664.22	658.81-660.81	657.91-659.91	659.52-661.52	652.52-654.52	656.88-658.88	656.80-658.80	656.81-658.81	657.14-659.14	642.23-643.23	651.10-653.10
Parameters	**Non-Industrial Direct Contact RCL (µg/kg)**	**Industrial Direct Contact RCL (µg/kg)**	*Groundwater Pathway RCL (µg/kg)*	upper parking lot - south	upper parking lot - north	upper parking lot - north	upper parking lot - north	upper parking lot - north	lower parking lot - south	lower parking lot - south	lower parking lot - south	lower parking lot - south	lower parking lot - east	upper parking lot - north
Petroleum Volatile Organic Compounds				**Results reported as micrograms per kilogram (µg/kg)**										
Benzene	1,600	7,070	5.1	<13	<2.0	<20	<2.0	<100	<2.3	<2.2	<2.2	<2.2	NA	NA
Toluene	818,000	818,000	1,107	<32	<5.0	<50	<5.0	600	<5.8	<5.5	<5.6	<5.5	NA	NA
Ethyl Benzene	1,570	35,400	1,570	<32	<5.0	220	<5.0	*3,400*	<5.8	<5.5	<5.6	<5.5	NA	NA
Total Xylenes	260,000	260,000	3,960	<96	<15	<150	<15	*18,000*	< 17	<16	<17	<17	NA	NA
m,p-Xylenes	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xvlene and Styrene	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	867,000	867,000	220	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	219,000	219,000	1,382.1	<64	<10	<100	< 10	*2,800*	<12	<11	<11	<11	NA	NA
1,3,5-Trimethylbenzene	182,000	182,000		<64	<10	<100	<10	*700*	<12	<11	<11	<11	NA	NA
Chlorinated Ethenes														
Tetrachloroethene	33,000	145,000	4.5	*110*	<5.0	*770*	<5.0	<250	*6.7*	<5.5	<5.6	<5.5	NA	NA
Trichloroethene	1,300	8,410	3.6	*1,100*	*6*	<50	*350*	<250	*560*	*200*	*210*	*340*	NA	NA
cis-1,2-Dichloroethene	156,000	2,340,000	41.2	*620*	<5.0	*220*	9	<250	*160*	*210*	*82*	*240*	NA	NA
trans-1,2-Dichloroethene	1,560,000	1,850,000	62.6	<32	<5.0	<50	<5.0	<250	16	<5.5	<5.6	<5.5	NA	NA
1,1-Dichloroethene	320,000	1,190,000	5	<32	<5.0	<50	<5.0	<250	*33*	<5.5	<5.6	<5.5	NA	NA
Vinyl Chloride	67	2,080	0.138	<32	<5	<50	<5.0	<250	***120***	<5.5	<5.6	<5.5	NA	NA
Chlorinated Ethanes														
1, 1,1-Trichloroethane	640,000	640,000	140.2	<32	<5.0	*1,900*	*250*	<250	6.9	8.9	<5.6	22	NA	NA
1,2-Dichloroethane	652	2,870	2.8	<32	<5.0	<50	<5.0	<250	<5.8	<5.5	<5.6	<5.5	NA	NA
1,1-Dichloroethane	5,060	22,200	483	<32	<5.0	*590*	290	<250	64	33	74	36	NA	NA
Chloroethane	2,120,000	2,120,000	227	<32	<5.0	<50	<5.0	<250	<5.8	<5.5	5.9	<5.5	NA	NA
Other Volatile Organic Compounds														
Bromochloromethane	216,000	906,000	NS	<32	<5.0	<50	<5.0	<250	<5.8	<5.5	<5.6	<5.5	NA	NA
Chloromethane	159,000	669,000	15.5	<32	<5.0	<50	<5.0	<250	<5.8	<5.5	<5.6	<5.5	NA	NA
Chloroform	454	1,980	3.3	<32	<5.0	<50	<5.0	<250	<5.8	<5.5	<5.6	<5.5	NA	NA
n-Butylbenzene	108,000	108,000	NS	<32	<5.0	<50	<5.0	<250	<5.8	<5.5	<5.6	<5.5	NA	NA
sec-Butylbenzene	145,000	145,000	NS	<32	<5.0	<50	<5.0	1,200	<5.8	<5.5	<5.6	<5.5	NA	NA
tert-Butylbenzene	183,000	183,000	NS	<32	<5.0	<50	<5.0	1,300	<5.8	<5.5	<5.6	<5.5	NA	NA
lsopropylbenzene	268,000	268,000	NS	<32	<5.0	<50	<5.0	700	<5.8	<5.5	<5.6	<5.5	NA	NA
n-Propylbenzene	264,000	264,000	NS	<32	<5.0	<50	<5.0	2,000	<5.8	<5.5	<5.6	<5.5	NA	NA
p-lsopropyltoluene	162,000	162,000	NS	<32	<5.0	<50	<5.0	1,501	<5.8	<5.5	<5.6	<5.5	NA	NA
Naphthalene	5,520	24,100	658	< 160	<25	<250	<25	< 1300	<29	<27	<28	<28	NA	NA
Methylene Chloride	61,800	1,150,000	2.56	<32	<5.0	<50	<5.0	<250	<5.8	<5.5	<5.6	<5.5	NA	NA

Notes:

See Figure 2 for sampling locations.

Key:

RCL: Residual Contaminant Level (December 2018)

NA = Not analyzed

NS = RCL Not Established

BOLD and boxed values exceed the WDNR NR 720 - Industrial RCLs for the direct contact exposure pathway

BOLD values exceed the WDNR NR 720 - Non-Industrial RCLs for the direct contact exposure pathway

ITALIC underline values exceed NR 720 Groundwater Protection RCLs

TABLE 2

SOIL ANALYTICAL RESULTS

FORMER D-F PROPERTY

ST. FRANCIS, WISCONSIN

			Sample Location	GP1	GP2	GP3	GP4	GP5	GP6	GP7	GP8	GP9	GP10	GP11
			Ground Elevation	659.00	659.00	657.59	651.59	651.59	660.00	665.44	665.44	663.70	663.70	657.81
			Date Sampled	1/22/96	1/22/96	1/22/96	1/22/96	1/22/96	1/22/96	11/11/96	11/11/96	11/11/96	11/11/96	11/11/96
		Direct Contact Zone	**Sample Depth**	3.5-5.5'	3.5-5.5'	3.5-5.5'	3.0-5.0'	0-6'	0-4'	4-5'	4-5'	4-5'	4-6'	2-6'
		Saturated (S)	**Unsaturated (U)**	U	U	U	U	U	U	U	U	U	U	U
			Sample Elevation	653.50-665.50	653.50-665.50	652.09-653.09	646.59-648.59	645.59-651.59	656.00-660.00	660.44-661.44	660.44-661.44	658.70-659.70	657.70-659.70	651.81-655.81
Parameters	**Non-Industrial Direct Contact RCL (µg/kg)**	**Industrial Direct Contact RCL (µg/kg)**	*Groundwater Pathway RCL (µg/kg)*	lower parking lot - south	lower parking lot - south	east of manufacturing building	east of manufacturing building	east of manufacturing building	east of steel shed	upper parking lot south	upper parking lot south	upper parking lot - north	upper parking lot - north	upper parking lot - NE corner
Petroleum Volatile Organic Compounds				**Results reported as micrograms per kilogram (µg/kg)**										
Benzene	1,490	7,410	5.1	<5000	<5100	*139*	<30	<29	<60	*30*	*31*	*41*	*460*	<13
Toluene	818,000	818,000	1,107.2	*43,100*	*96,500*	<29	<30	<29	<60	160	150	200	960	<9.0
Ethyl Benzene	7,470	37,000	1,570.0	**31,200**	***53,800***	29	<30	<29	<60	28	28	33	320	<8.0
Total Xylenes	260,000	260,000	3,960	*160,500*	***313,400***	86	40	46	122	156	161	226	1,870	182
m,p-Xylenes	NS	NS	NS	114,000	221,000	39.5	<30	<29	<60	110	110	130	1,300	120
o-Xvlene and Styrene	NS	NS	NS	46,500	92,400	46.2	39.9	45.9	122	46	51	96	510	62
Styrene	867,000	867,000	220	NA	NA	NA	NA	NA	NA	<8.0	<8.0	<8.0	<120	<8.0
1,2,4-Trimethylbenzene	89,800	219,000	1,382.1	*64,400*	**121,000**	<29	<30	<29	<60	29	39	63	440	16
1,3,5-Trimethylbenzene	182,000	182,000		*14,700*	*34,900*	<29	<30	<29	<60	27	28	68	330	<10
Chlorinated Ethenes														
Tetrachloroethene	3,070	153,000	4.5	**24,100**	<5100	<29	<30	<29	*133*	*240*	*31*	*200*	*1,900*	<11
Trichloroethene	1,260	8,810	3.6	***176,000***	<5100	<29	<30	<29	**2,010**	**2,800**	*990*	**2,900**	***36,000***	*140*
cis-1,2-Dichloroethene	156,000	2,040,000	41.2	**338,000**	**572,000**	**141**	<30	<29	<60	**300**	**300**	**9,300**	**13,000**	**370**
trans-1,2-Dichloroethene	1,560,000	1,850,000	62.6	<5000	<5100	<29	<30	<29	<60	<24	<24	*230*	<360	<24
1,1-Dichloroethene	342,000	1,190,000	5	<5000	7,280	<29	<30	<29	<60	<10	<10	<10	<150	<10
Vinyl Chloride	67	2,030	0.1	<5000	<5100	59	<30	<29	<60	<6.0	<6.0	**130**	<90	<6.0
Chlorinated Ethanes														
1, 1,1-Trichloroethane	640,000	640,000	140.2	*84,700*	*76,100*	<29	<30	40	<60	93	72	*320*	*1,700*	23
1,2-Dichloroethane	608	3,030	2.8	<5000	<5100	**1,040**	<30	<29	<60	<6.0	<6.0	<6	<90	<6.0
1,1-Dichloroethane	4,720	23,700	483.4	**6,640**	**16,000**	<29	<30	<29	<60	31	<7.0	*740*	430	*580*
Chloroethane	2,120,000	2,120,000	266.6	<5000	<5100	<29	<30	<29	<60	<5.0	<5.0	<5.0	<75	<5.0
Other Volatile Organic Compounds														
Bromochloromethane	232,000	976,000	0.3	<5000	<5100	<29	<30	<29	<60	<8.0	<8.0	*380*	<120	<8.0
Chloromethane	171,000	720,000	15.5	<5000	<5100	<29	<30	<29	<60	<22	<22	<22	<330	<22
Chloroform	423	2,130	3.3	<5000	<5100	<29	<30	<29	<60	<9.0	<9.0	<9.0	<140	<9.0
n-Butylbenzene	108,000	108,000	NS	45,000	71,000	<29	<30	<29	<60	<11	< 11	< 11	<170	<II
sec-Butylbenzene	145,000	145,000	NS	12,300	14,500	<29	<30	<29	<60	<6.0	<6.0	120	510	<6.0
tert-Butylbenzene	183,000	183,000	NS	<5000	<5100	<29	<30	<29	<60	50	54	92	< 150	<10
lsopropylbenzene	264,000	264,000	NS	<5000	8,870	<29	<30	<29	<60	<6.0	<6.0	100	<90	<6.0
n-Propylbenzene	264,000	264,000	NS	14,700	25,500	<29	<30	<29	<60	65	57	87	860	<6.0
p-lsopropyltoluene	162,000	162,000	NS	7,830	17,700	<29	<30	<29	<60	<8.0	<8.0	51	<120	<8.0
Naphthalene	5,150	26,000	658.2	**10,300**	**11,700**	<29	<30	59	*2,580*	110	140	150	*1,600*	230
Methylene Chloride	60,700	1,070,000	2.6	<5000	<5100	<29	<30	<29	<60	<6.0	<6.0	<6.0	<90	<6.0

Notes:

See Figure 2 for sampling locations.

Key:

RCL: Residual Contaminant Level (December 2018)

NA = Not analyzed

NS = RCL Not Established

BOLD and boxed values exceed the WDNR NR 720 - Industrial RCLs for the direct contact exposure pathway

BOLD values exceed the WDNR NR 720 - Non-Industrial RCLs for the direct contact exposure pathway

ITALIC underline values exceed NR 720 Groundwater Protection RCLs

TABLE 2

SOIL ANALYTICAL RESULTS

FORMER D-F PROPERTY

ST. FRANCIS, WISCONSIN

		Sample Location	GP12	GP13	GP14	GP15	GP16	GP17	GP18	GP19	GP20	GP21	MW-1
		Ground Elevation	657.25	657.50	659.00	659.00	659.00	659.00	659.23	659.23	659.00	659.00	658.90
		Date Sampled	11/11/96	11/11/96	11/11/96	11/11/96	11/11/96	11/11/96	11/11/96	11/11/96	11/12/96	11/12/96	4/23/96
	Direct Contact Zone	Sample Depth	4'	4'	2-4'	4'	4'	4'	4'	5'	2'	2.1'	6-8'
	Saturated (S)	Unsaturated (U)	U	U	U	U	U	U	U	U	U	U	S
		Sample Elevation	653.25	653.50	655.00-667.00	655.00	655.00	655.00	655.23	654.23	657.00	656.90	650.90-652.90

Parameters	Non-Industrial Direct Contact RCL (µg/kg)	Industrial Direct Contact RCL (µg/kg)	*Groundwater Pathway RCL (µg/kg)*	lower parking lot - north	lower parking lot - south	lower parking lot - south	lower parking lot - south	lower parking lot - south	lower parking lot - south	west of office	north of office area/basement	south of steel shed	west of steel shed	east of manufacturing building
Petroleum Volatile Organic Compounds				**Results reported as micrograms per kilogram (µg/kg)**										
Benzene	1,490	7,410	5.1	*66*	*56*	*670*	*150*	*330*	*71*	*29*	*30*	*31*	**8.600**	*272*
Toluene	818,000	818,000	1,107.2	270	250	1,100	840	*17,000*	300	150	45	200	*270,000*	<29
Ethyl Benzene	7,470	37,000	1,570.0	53	42	430	120	*7,000*	72	160	22	44	**150,000**	<29
Total Xylenes	260,000	260,000	3,960	224	232	2,390	690	*42,000*	370	1,430	139	290	**570,000**	NA
m,p-Xylenes	NS	NS	NS	160	160	1,600	470	23,000	260	940	90	180	340,000	NA
o-Xvlene and Styrene	NS	NS	NS	64	72	790	220	19,700	110	490	179	110	230,000	39
Styrene	867,000	867,000	220	<8.0	<16	<120	<32	*700*	<16	<8.0	130	<8.0	<800	NA
1,2,4-Trimethylbenzene	89,800	219,000	1,382.1	71	30	440	95	*16,000*	31	280	31	60	**290,000**	<29
1,3,5-Trimethylbenzene	182,000	182,000		76	50	600	140	*9,100*	62	170	28	41	*83,000*	<29
Chlorinated Ethenes														
Tetrachloroethene	3,070	153,000	4.5	<11	*56*	*580*	<44	<110	<22	*73*	<11	*19*	**72,000**	<29
Trichloroethene	1,260	8,810	3.6	*1,100*	**4,800**	**56,000**	**13,000**	<110	**2,800**	**2,000**	<11	*180*	**1,100,000**	*69*
cis-1,2-Dichloroethene	156,000	2,040,000	41.2	*1,100*	*1,500*	*62,000*	*15,000*	<790	*2,800*	*210*	<79	*940*	**1,700,000**	*60*
trans-1,2-Dichloroethene	1,560,000	1,850,000	62.6	<24	*160*	*5,000*	*470*	<240	*140*	<24	<24	<24	<240	<29
1,1-Dichloroethene	342,000	1,190,000	5	<10	*210*	*17,000*	*1,400*	<100	*390*	<10	<10	<10	*17,000*	<29
Vinyl Chloride	67	2,030	0.1	<6.0	**460**	**17,000**	**2,900**	<60	**2,800**	<6	<6	<6	**9,400**	<29
Chlorinated Ethanes														
1, 1,1-Trichloroethane	640,000	640,000	140.2	110	99	*1,300*	*1,000*	*230*	97	<16	<16	*1,100*	<1600	NA
1,2-Dichloroethane	608	3,030	2.8	*150*	<12	**7,000**	**4,000**	<60	**710**	<6.0	<6.0	<6.0	**17,000**	*587*
1,1-Dichloroethane	4,720	23,700	483.4	*790*	*1,000*	**11,000**	**12,000**	*2,000*	*2,700*	<7.0	<7.0	63	**91,000**	<29
Chloroethane	2,120,000	2,120,000	266.6	<5.0	<10	<15	<20	<50	<10	<5.0	<5.0	<5.0	<500	<29
Other Volatile Organic Compounds														
Bromochloromethane	232,000	976,000	0.3	<8.0	<16	<120	*890*	<80	<16	<8.0	<8.0	<8.0	*35,000*	<29
Chloromethane	171,000	720,000	15.5	<22	<44	<330	<88	<220	<44	<22	<22	*95*	<2200	<44
Chloroform	423	2,130	3.3	<9.0	<18	<140	<36	<90	<18	<9.0	<9.0	<9.0	**11,000**	<18
n-Butylbenzene	108,000	108,000	NS	<11	<22	<170	<44	18,000	<22	46	< 11	< 11	100,000	<29
sec-Butylbenzene	145,000	145,000	NS	120	<12	<90	<24	7,800	<12	77	56	50	48,000	<29
tert-Butylbenzene	183,000	183,000	NS	62	<20	1,300	<40	6,700	130	75	73	<10	29,000	1,070
lsopropylbenzene	264,000	264,000	NS	77	<12	<90	<24	6,300	<12	600	<6	<6	39,000	<29
n-Propylbenzene	264,000	264,000	NS	94	120	1,500	370	5,700	<12	78	<6.0	68	56,000	<29
p-lsopropyltoluene	162,000	162,000	NS	21	<16	<120	<32	20,000	<16	55	<8.0	<8.0	38,000	<29
Naphthalene	5,150	26,000	658.2	230	210	*2,500*	*660*	*4,900*	270	150	150	140	**52,000**	<29
Methylene Chloride	60,700	1,070,000	2.6	<6.0	<12	<90	<240	<60	<12	<6.0	<6.0	<6.0	<600	<29

Notes:

See Figure 2 for sampling locations.

Key:

RCL: Residual Contaminant Level (December 2018)

NA = Not analyzed

NS = RCL Not Established

BOLD and boxed values exceed the WDNR NR 720 - Industrial RCLs for the direct contact exposure pathway

BOLD values exceed the WDNR NR 720 - Non-Industrial RCLs for the direct contact exposure pathway

ITALIC underline values exceed NR 720 Groundwater Protection RCLs

TABLE 2

SOIL ANALYTICAL RESULTS

FORMER D-F PROPERTY

ST. FRANCIS, WISCONSIN

			Sample Location	B-01/MW-1	B-03/MW-2	B-04	B-05/MW-3	B-06	B-07	B-08/MW-4	B-09/MW-5	B-09/MW-5
			Ground Elevation	658.90	666.12	665.44	659.32	659.00	659.00	658.57	662.66	662.66
			Date Sampled	4/23/1996	4/23/1996	4/23/1996	4/23/1996	4/24/1996	4/24/1996	4/24/1996	4/24/1996	4/24/1996
		Direct Contact Zone	**Sample Depth**	12-14'	10-12'	6-8"	8-10'	2-4'	4-6'	12-14'	4-6'	12-14'
		Saturated (S)	**Unsaturated (U)**	S	S	U	S	U	U	S	U	S
			Sample Elevation	554.90-556.90	654.12-656.12	657.44-669.44	649.32-651.32	655.00-657.00	653.00-665.00	644.57-646.57	656.66-658.66	658.66-660.66
Parameters	**Non-Industrial Direct Contact RCL (µg/kg)**	**Industrial Direct Contact RCL (µg/kg)**	*Groundwater Pathway RCL (µg/kg)*	east of manufacturing building	upper parking lot - south	upper parking lot - south	lower parking lot - east	lower parking lot - west	lower parking lot - east	East flange of parking lot entrance	upper parking lot - NW corner	upper parking lot - NW corner
Petroleum Volatile Organic Compounds				**Results reported as micrograms per kilogram (µg/kg)**								
Benzene	1,600	7,070	5.1	<28	<5,507	<2,841	<29	<8,726	<564	*41*	*920*	<29
Toluene	818,000	818,000	1,107	<28	*132.000*	*5,720*	<29	*26,000*	*2,980*	<30	*1,160*	817
Ethylbenzene	1,570	35,400	1,570	<28	**101,000**	**60,400**	<29	**60,700**	**13,500**	<30	574	1,340
Total Xylenes	260,000	260,000	3,960	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylenes	NS	NS	NS	<28	334,000	253,000	<29	294,000	76,800	<30	396	1,580
o-Xylene	NS	NS	NS	40	205,000	193,000	92	380,000	29,700	<30	634	860
Styrene	867,000	867,000	220	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	219,000	219,000	1,382.1	<28	*89,000*	*85,000*	<29	*114,000*	*27,300*	<30	737	<29
1,3,5-Trimethylbenzene	182,000	182,000		<28	*23,500*	*25,400*	<29	*38,300*	*10,000*	>30	179	<29
Chlorinated Ethenes												
Tetrachloroethene	33,000	145,000	4.5	<28	**93,100**	<2,841	<29	<8,726	<564	<30	<29	<29
Trichloroethene	1,300	8,410	3.6	*43*	**3,310,000**	<2,841	*40*	<8,726	<564	*75*	*509*	*79*
cis-1,2-Dichloroethene	156,000	2,340,000	41.2	<28	*131,000*	<2,841	*112*	<8,726	*761*	*17,700*	*722*	*5,100*
trans-1,2-Dichloroethene	1,560,000	1,850,000	62.6	<28	<5,507	<2,841	<29	<8,726	<564	*178*	<28	<29
1,1-Dichloroethene	320,000	1,190,000	5	<28	*20,700*	<2,841	<29	<8,726	<564	*40*	<29	<29
Vinyl Chloride	67	2,080	0.138	<28	<5,507	<2,841	<29	<8,726	<564	**939**	<29	**1,830**
Chlorinated Ethanes												
1,1,1-Trichloroethane	640,000	640,000	140.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	652	2,870	2.8	<28	**28,600**	<2,841	<29	<8,726	<564	*51*	<29	*33*
1,1-Dichloroethane	5,060	22,200	483	<28	**19,000**	<2,841	<29	<8,726	<564	*956*	73	*863*
Chloroethane	2,120,000	2,120,000	227	<28	<5,507	<2,841	<29	<8,726	<564	<30	<28	<29
Other Volatile Organic Compounds												
Bromochloromethane	216,000	906,000	NS	<28	<5507	<2,841	<29	<8,726	<564	<30	<28	<29
Chloromethane	159,000	669,000	15.5	<28	<5507	<2,841	<29	<8,726	<564	*30*	<28	<29
Chloroform	454	1,980	3.3	<28	<5507	<2,841	<29	<8,726	<564	<30	<28	<29
n-Butylbenzene	108,000	108,000	NS	<28	42,400	63,600	<29	67,800	25,000	<30	482	<29
sec-Butylbenzene	145,000	145,000	NS	<28	10,700	22,300	<29	15,000	7,060	<30	357	<29
tert-Butylbenzene	183,000	183,000	NS	545	17,000	12,300	<29	<8,726	2,810	<30	333	<29
lsopropylbenzene	268,000	268,000	NS	<28	6,510	11,300	<29	11,600	3,780	<30	188	<29
n-Propylbenzene	264,000	264,000	NS	<28	21,400	26,700	<29	30,900	8,780	<30	404	<29
p-lsopropyltoluene	162,000	162,000	NS	<28	8,940	29,500	<29	17,900	6,250	<30	231	<29
Naphthalene	5,520	24,100	658	<28	**10,700**	**6,760**	<29	<8,726	*1,590*	<30	428	<29
Methylene Chloride	61,800	1,150,000	2.56	<28	*11,300*	<2,841	<29	<8 726	<564	<30	<29	<29

Notes:

See Figure 2 for sampling locations.

Key:

RCL: Residual Contaminant Level (December 2018)

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BOLD and boxed values exceed the WDNR NR 720 - Industrial RCLs for the direct contact exposure pathway

BOLD values exceed the WDNR NR 720 - Non-Industrial RCLs for the direct contact exposure pathway

ITALIC underline values exceed NR 720 Groundwater Protection RCLs

TABLE 2
SOIL ANALYTICAL RESULTS
FORMER D-F PROPERTY
ST. FRANCIS, WISCONSIN

			Sample Location	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13
			Ground Elevation	663.85	659.13	663.35	659.2	668.4	667.8	665.2	664.9
			Date Sampled	11/13/96	11/13/96	11/12/96	11 /I 3/96	11/11/96	11/12/96	11/12/96	11/11/96
		Direct Contact Zone	**Sample Depth**	6-8'	2-4'	4'	6-10'	4'	5-6'	4'	4'
		Saturated (S)	**Unsaturated (U)**	U	U	U	U	U	U	U	U
			Sample Elevation	655.85-657.85	655.13-657.13	659.35	649.2-653.2	664.4	661.8-662.8	661.2	660.9
Parameters	**Non-Industrial Direct Contact RCL (µg/kg)**	**Industrial Direct Contact RCL (µg/kg)**	***Groundwater Pathway RCL (µg/kg)***	upper parking lot north	lower parking lot - north of steel shed	south of steel shed - east	northeast of manufacturing building	off-site & east of MW-14	west side of Pennsylvania Ave	west side of Pennsylvania Ave	west side of Pennsylvania Ave
Petroleum Volatile Organic Compounds				**Results reported as micrograms per kilogram (µg/kg)**							
Benzene	1,600	7,070	5.1	*52*	**2,900**	*240*	*23*	*27*	*29*	*27*	*42*
Toluene	818,000	818,000	1,107	330	*120,000*	*1,700*	37	50	150	59	170
Ethylbenzene	1,570	35,400	1,570	50	**260,000**	410	<8.0	25	25	32	31
Total Xylenes	260,000	260,000	3,960	306	**430,000**	3,700	111	NA	131	NA	NA
m,p-Xylenes	NS	NS	NS	210	1,000,000	2,000	71	95	91	120	130
o-Xylene	NS	NS	NS	96	430,000	2,390	120	108	41	114	63
Styrene	867,000	867,000	220	<16	<400	*690*	80	61	<8.0	48	<8.0
1,2,4-Trimethylbenzene	219,000	219,000	1,382.1	82	**1,100,000**	*16,000*	20	41	23	110	55
1,3,5-Trimethylbenzene	182,000	182,000		57	**430,000**	*9,000*	22	31	27	45	35
Chlorinated Ethenes											
Tetrachloroethene	33,000	145,000	4.5	*410*	*2,600*	<110	<11	*150*	<11	<11	20
Trichloroethene	1,300	8,410	3.6	**6,200**	**5,800**	<110	<11	*530*	<11	<11	<11
cis-1,2-Dichloroethene	156,000	2,340,000	41.2	*2,000*	**370,000**	<790	<79	*99*	<79	<79	<79
trans-1,2-Dichloroethene	1,560,000	1,850,000	62.6	<48	<1200	<240	<24	<24	<24	<24	<24
1,1-Dichloroethene	320,000	1,190,000	5	<20	*5,300*	<100	<10	<10	<10	<10	<10
Vinyl Chloride	67	2,080	0.138	<12	**780**	<60	<6.0	<6.0	<6.0	<6.0	<6.0
Chlorinated Ethanes											
1,1,1-Trichloroethane	640,000	640,000	140.2	*780*	*120,000*	<160	<16	<16	<16	<16	<16
1,2-Dichloroethane	652	2,870	2.8	<12	<300	<60	<6.0	<6.0	<6.0	<6.0	<6.0
1,1-Dichloroethane	5,060	22,200	483	450	**16,000**	<70	<7.0	<7.0	<7.0	<7.0	<7.0
Chloroethane	2,120,000	2,120,000	227	<10	<250	<50	<5.0	<5.0	<5.0	<5.0	<5.0 ...
Other Volatile Organic Compounds											
Bromochloromethane	216,000	906,000	NS	<16	18,000	<80	<8.0	<8.0	<8.0	<8.0	<8.0
Chloromethane	159,000	669,000	15.5	<44	<1100	<220	<22	<22	*85*	<22	*94*
Chloroform	454	1,980	3.3	<18	**1,300**	<90	<9.0	<9.0	<9.0	<9.0	<9.0
n-Butylbenzene	108,000	108,000	NS	<22	**740,000**	17,000	<11	<11	< 11	< 11	< 11
sec-Butylbenzene	145,000	145,000	NS	<12	**420,000**	22,000	<10	47	<6	41	40
tert-Butylbenzene	183,000	183,000	NS	<20	**210,000**	8,800	53	72	<10	61	<10
Isopropylbenzene	268,000	268,000	NS	<12	**310,000**	3,100	<6.0	<6	<6	51	54
n-Propylbenzene	264,000	264,000	NS	130	**280,000**	7,100	<6.0	63	58	63	66
p-Isopropyltoluene	162,000	162,000	NS	<16	**690,000**	25,000	<8.0	<8	<8	<8	<8
Naphthalene	5,520	24,100	658	230	**170,000**	*4,900*	120	160	110	220	250
Methylene Chloride	61,800	1,150,000	2.56	<12	<300	<60	<6.0	<6.0	<6.0	<6.0	<6.0

Notes:
See Figure 2 for sampling locations.

Key:
RCL: Residual Contaminant Level (December 2018)
NA = Not analyzed
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BOLD and boxed values exceed the WDNR NR 720 - Industrial RCLs for the direct contact exposure pathway
BOLD values exceed the WDNR NR 720 - Non-Industrial RCLs for the direct contact exposure pathway
ITALIC underline values exceed NR 720 Groundwater Protection RCLs

TABLE 2
SOIL ANALYTICAL RESULTS
FORMER D-F PROPERTY
ST. FRANCIS, WISCONSIN

			Sample Location	SGP-1	SGP-2	SMW-3	SMW-4	SGP-5	SGP-6
			Ground Elevation	667 [a]	667 [a]	668.98	667.78	657.0	657.0
			Date Sampled	09/17/12	09/17/12	09/17/12	09/17/12	10/02/12	10/02/12
		Direct Contact Zone	**Sample Depth**	9-10'	7.5-10'	9-10'	9-10'	3.5-6.5'	3-6'
		Saturated (S)	**Unsaturated (U)**	S	S	U	U	U	U
			Sample Elevation	657-658	657-659.5	658.98-659.98	657.78-658.78	650.5-653.5	651.0-654.0
Parameters	**Non-Industrial Direct Contact RCL (µg/kg)**	**Industrial Direct Contact RCL (µg/kg)**	*Groundwater Pathway RCL (µg/kg)*	off-site upgradient	off-site upgradient	off-site upgradient	off-site upgradient	beneath manufacturing building	beneath manufacturing building
Petroleum Volatile Organic Compounds				**Results reported as micrograms per kilogram (µg/kg)**					
Benzene	1,600	7,070	5.1	<890	<890	<890	<890	<8.9	<8.9
Toluene	818,000	818,000	1,107	*30,400*	*126,000*	*70,000*	*11700J*	189	<50
Ethylbenzene	1,570	35,400	1,570	**17,100**	**106,000**	**55,000**	**21,300**	205	<55
Total Xylenes	260,000	260,000	3,960	*80,200*	**415,000**	**269,000**	*91,900*	1,170	<86
m,p-Xylenes	NS	NS	NS	57,000	301,000	198,000	70,000	840	<86
o-Xylene	NS	NS	NS	23,200	114,000	71,000	21,900	330	<50
Styrene	867,000	867,000	220	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	219,000	219,000	1,382.1	*29,400*	*112,000*	*59,000*	*49,000*	182J	<80
1,3,5-Trimethylbenzene	182,000	182,000		*7200J*	*34,000*	*16,000*	*14300J*	70J	<48
Chlorinated Ethenes									
Tetrachloroethene	33,000	145,000	4.5	*2500J*	*4,200*	**390,000**	*4200J*	<24	<24
Trichloroethene	1,300	8,410	3.6	**3300J**	<1700	**330,000**	**3400J**	<17	<17
cis-1,2-Dichloroethene	156,000	2,340,000	41.2	*17,400*	*116,000*	**264,000**	*3300J*	<14	25.8J
trans-1,2-Dichloroethene	1,560,000	1,850,000	62.6	<2,200	<2,200	<2,200	<2,200	<22	<22
1,1-Dichloroethene	320,000	1,190,000	5	<2,200	<2,200	*2,900*	<2,200	<22	<22
Vinyl Chloride	67	2,080	0.138	<1,600	**11,300**	**2590J**	<1,600	<16	<16
Chlorinated Ethanes									
1,1,1-Trichloroethane	640,000	640,000	140.2	*62,000*	*3400J*	*305,000*	*2150J*	<11	<11
1,2-Dichloroethane	652	2,870	2.8	<1,300	<1,300	**2,220J**	<1,300	<13	<13
1,1-Dichloroethane	5,060	22,200	483	<1,100	*4,400*	**11,900**	<1,100	<11	<11
Chloroethane	2,120,000	2,120,000	227	<14,200	<14,200	<14,200	<14,200	<142	<142
Other Volatile Organic Compounds									
Chloromethane	159,000	669,000	15.5	<20,700	<20,700	<20,700	<20,700	<207	<207
Chloroform	454	1,980	3.3	<4,600	<4,600	<4,600	<4,600	<46	<46
n-Butylbenzene	108,000	108,000	NS	6,600J	19,900	8,000J	13,900J	<48	<48
sec-Butylbenzene	145,000	145,000	NS	<5,100	10,400J	<5,100	6,800J	<51	<51
tert-Butylbenzene	183,000	183,000	NS	<5,400	<5,400	<5,400	<5,400	<54	<54
Isopropylbenzene	268,000	268,000	NS	<5,300	9,600J	<5,300	<5,300	<53	<53
n-Propylbenzene	264,000	264,000	NS	<5,300	18,800	8100J	10400J	<53	<53
p-Isopropyltoluene	162,000	162,000	NS	<4,500	11,500J	<4,500	5,300J	<45	<45
Naphthalene	5,520	24,100	658	<10,700	**14,700J**	**11,100J**	**16,000J**	<107	<107
Methylene Chloride	61,800	1,150,000	2.56	<11,900	<11,900	<11,900	<11,900	<12	<12

Notes:
See Figure 2 for sampling locations.

Key:
RCL: Residual Contaminant Level (December 2018)
NA = Not analyzed
NS = RCL Not Established

BOLD and boxed values exceed the WDNR NR 720 - Industrial RCLs for the direct contact exposure pathway
BOLD values exceed the WDNR NR 720 - Non-Industrial RCLs for the direct contact exposure pathway
ITALIC underline values exceed NR 720 Groundwater Protection RCLs

TABLE 2

SOIL ANALYTICAL RESULTS

FORMER D-F PROPERTY

ST. FRANCIS, WISCONSIN

			Sample Location	PMW2-1	PMW2-2	MW16-1	MW16-2	PMW7	PMW8-1	TW-1	MW-17-1	MW-17-2
			Ground Elevation	666	666	659	659	659	660	654	659	659
			Date Sampled	01/25/17	01/25/17	01/25/17	01/25/17	01/25/17	01/25/17	01/25/17	01/25/17	01/25/17
		Direct Contact Zone	**Sample Depth**	5-7'	12-14'	1-3'	4-5'	6-8'	3-4'	6 inches	3-5'	6-7'
		Saturated (S)	**Unsaturated (U)**	U	S	U	U	S	U	U	U	U
			Sample Elevation	659-661	652-654	656-658	654-655	651-653	656-657	653.5	654-666	652-653
Parameters	**Non-Industrial Direct Contact RCL (µg/kg)**	**Industrial Direct Contact RCL (µg/kg)**	*Groundwater Pathway RCL (µg/kg)*	upper parking lot - south	upper parking lot - south	lower parking lot - west	lower parking lot - west	lower parking lot north of steel shed	lower parking lot east of steel shed	base of Norwich Ave ditch	lower parking lot - east	lower parking lot - east
Petroleum Volatile Organic Compounds				**Results reported as micrograms per kilogram (µg/kg)**								
Benzene	1,600	7,070	5.1	<25.0	<1250	<25.0	<30.9	<100	<25.0	<25.0	<25.0	<25.0
Toluene	818,000	818,000	1,107	<25.0	***203,000***	<25.0	184	***5,050***	<25.0	<25.0	<25.0	<25.0
Ethylbenzene	1,570	35,400	1,570	<0.25	**136,000**	<25.0	<30.9	***8,660***	<25.0	<25.0	<25.0	<25.0
Total Xylenes	260,000	260,000	3,960	<50.0	***863,000***	<50.0	420	*47,200*	<50.0	<50.0	<50.0	106J
m,p-Xylenes	NS	NS	NS	<50.0	650,000	<50.0	190J	34,800	<50.0	<50.0	<50.0	106J
o-Xylene	NS	NS	NS	<25.0	213,000	<25.0	230	12,400	<25.0	<25.0	<25.0	<25.0
Styrene	867,000	867,000	220	<25.0	<1250	<25.0	<30.9	<100	<25.0	<25.0	<25.0	<25.0
1,2,4-Trimethylbenzene	219,000	219,000	1,382.1	<25.0	*140,000*	<25.0	<30.9	*17,100*	<25.0	<25.0	<25.0	37.7J
1,3,5-Trimethylbenzene	182,000	182,000		<25.0	*35,700*	<25.0	115J	*4,690*	<25.0	<25.0	<25.0	<25.0
Chlorinated Ethenes												
Tetrachloroethene	33,000	145,000	4.5	*347*	*12,900*	<25.0	<30.9	<100	<25.0	<25.0	<25.0	<25.0
Trichloroethene	1,300	8,410	3.6	**10,300**	***7,890***	<25.0	*976*	*218J*	63.9J	*151*	<25.0	<25.0
cis-1,2-Dichloroethene	156,000	2,340,000	41.2	*497*	***434,000***	<25.0	*4,360*	*115J*	*62.1J*	*2,420*	<25.0	<25.0
trans-1,2-Dichloroethene	1,560,000	1,850,000	62.6	40.3J	<1250	<25.0	*92.3J*	<100	<25.0	<25.0	<25.0	<25.0
1,1-Dichloroethene	320,000	1,190,000	5	*33.0J*	*2060J*	<25.0	*449*	<100	<25.0	*133*	<25.0	<25.0
Vinyl Chloride	67	2,080	0.138	<25.0	**13,200**	<25.0	**1,030**	<100	<25.0	<25.0		
Chlorinated Ethanes												
1,1,1-Trichloroethane	640,000	640,000	140.2	*2,200*	*401,000*	<25.0	90.2J	<100	<25.0	*271*	<25.0	<25.0
1,2-Dichloroethane	652	2,870	2.8	<25.0	<1250	<25.0	*249*	<100	<25.0	<25.0	<25.0	<25.0
1,1-Dichloroethane	5,060	22,200	483	*1,150*	**33,900**	308	449	<100	<25.0	<25.0	<25.0	<25.0
Chloroethane	2,120,000	2,120,000	227	<67.0	<3350	<67.0	*312J*	*1,190*	<67.0	<67.0	<67.0	<67.0
Other Volatile Organic Compounds												
Bromochloromethane	216,000	906,000	NS	<25.0	<1250	<25.0	<30.9	<100	<25.0	<25.0	<25.0	<25.0
Chloromethane	159,000	669,000	15.5	<25.0	<1250	<25.0	<30.9	<100	<25.0	<25.0	<25.0	<25.0
Chloroform	454	1,980	3.3	*46.4*	<2320	<46.4	<57.3	<186	<46.4	<46.4	<46.4	<46.4
n-Butylbenzene	108,000	108,000	NS	<25.0	21,000	<25.0	<30.9	3,890	<25.0	<25.0	<25.0	<25.0
sec-Butylbenzene	145,000	145,000	NS	<25.0	10,600	<25.0	99.2J	1,860	<25.0	<25.0	<25.0	<25.0
tert-Butylbenzene	183,000	183,000	NS	<25.0	<1250	<25.0	<30.9	<100	<25.0	<25.0	<25.0	<25.0
Isopropylbenzene	268,000	268,000	NS	<25.0	9,960	<25.0	95.1J	1,190	<25.0	<25.0	<25.0	36.0J
n-Propylbenzene	264,000	264,000	NS	<25.0	22,000	<25.0	<30.9	3,000	<25.0	<25.0	<25.0	<25.0
p-Isopropyltoluene	162,000	162,000	NS	<25.0	11,000	<25.0	<30.9	3,380	<25.0	<25.0	<25.0	<25.0
Naphthalene	5,520	24,100	658	<40.0	**11,800J**	<40.0	<49.4	*1,830*	<40.0	<40.0	<40.0	<40.0
Methylene Chloride	61,800	1,150,000	2.56	<25.0	<1250	<25.0	<30.9	<100	<25.0	<25.0	<25.0	<25.0

Notes:

See Figure 2 for sampling locations.

Key:

RCL: Residual Contaminant Level (December 2018)

NA = Not analyzed

NS = RCL Not Established

BOLD and boxed values exceed the WDNR NR 720 - Industrial RCLs for the direct contact exposure pathway

BOLD values exceed the WDNR NR 720 - Non-Industrial RCLs for the direct contact exposure pathway

ITALIC underline values exceed NR 720 Groundwater Protection RCLs

TABLE 2

SOIL ANALYTICAL RESULTS

FORMER D-F PROPERTY

ST. FRANCIS, WISCONSIN

		Sample Location	GP-22	GP-22	GP-23	GP-23	GP-24	GP-24	GP-26	GP-26	GP-27	GP-27	GP-28	GP-28	GP-29	GP-29	PZ-1
		Ground Elevation	660	660	660	660	660	660	--	--	--	--	--	--	--	--	659
		Date Sampled	01/21/19	01/21/19	01/21/19	01/21/19	01/21/19	01/21/19	01/21/19	01/21/19	01/21/19	01/21/19	01/21/19	01/21/19	01/21/19	01/21/19	01/21/19
	Direct Contact Zone	Sample Depth	1-2'	4-5'	1-2'	3-4'	1-2'	3-5'	1-2'	3-4'	1-2'	3-4'	1-2'	3-4'	1-2'	3-4'	44'
	Saturated (S)	Unsaturated (U)	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
		Sample Elevation	658-659	655-656	658-659	656-657	658-659	655-657	--	--	--	--	--	--	--	--	

Parameters	**Non-Industrial Direct Contact RCL (µg/kg)**	**Industrial Direct Contact RCL (µg/kg)**	*Groundwater Pathway RCL (µg/kg)*	beneath steel shed - west	beneath steel shed - west	beneath steel shed - west	beneath steel shed - west	beneath steel shed - east	beneath steel shed - east	lower parkin lot - east	lower parkin lot - east	lower parkin lot - east	lower parkin lot - east	lower parkin lot - east	lower parkin lot - east	lower parkin lot - west	lower parkin lot - west	south of office area
Petroleum Volatile Organic Compounds				**Results reported as micrograms per kilogram (µg/kg)**														
Benzene	1,600	7,070	5.1	<526	<625	<625	<1250	<25.0	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
Toluene	818,000	818,000	1,107	*8710*	*21700*	*22500*	*31200*	<25.0	<500	<25.0	<25.8	<26.3	<26.0	<25.8	36.1J	<25.0	<25.0	<25.5
Ethylbenzene	1,570	35,400	1,570	**20200**	**22400**	**27200**	**25800**	<25.0	809J	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
Total Xylenes	260,000	260,000	3,960															
m,p-Xylenes	NS	NS	NS	35800	72100	88600	87000	<50.0	1920J	<50.0	<51.5	<52.6	<52.1	<51.5	<50.5	<50.0	<50.0	<51.0
o-Xylene	NS	NS	NS	33200	34200	53600	44400	<25.0	756J	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
Styrene	867,000	867,000	220	<526	<625	<625	<1250	<25.0	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
1,2,4-Trimethylbenzene	219,000	219,000	1,382.1	*87000*	*77200*	*124000*	*114000*	<25.0	*15800*	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	77.2J	<25.5
1,3,5-Trimethylbenzene	182,000	182,000		*28800*	*24300*	*43300*	*37200*	<25.0	*3510*	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
Chlorinated Ethenes																		
Tetrachloroethene	33,000	145,000	4.5	<526	<625	<625	<1250	*192*	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
Trichloroethene	1,300	8,410	3.6	**1870J**	<625	<625	<1250	*74.0J*	<500	<25.0	<25.8	<26.3	<26.0	*98.7*	<25.3	*1260*	<25.0	<25.5
cis-1,2-Dichloroethene	156,000	2,340,000	41.2	*20500*	*9590*	*52200*	*16100*	*2030*	*22701*	*35.5J*	*60.2J*	*63.7J*	*99.2*	*42.2J*	*57.0J*	*1590*	<25.0	102
trans-1,2-Dichloroethene	1,560,000	1,850,000	62.6	<526	<625	<625	<1250	31.4J	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
1,1-Dichloroethene	320,000	1,190,000	5	<526	<625	<625	<1250	<25.0	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	*144*	<25.0	<25.5
Vinyl Chloride	67	2,080	0.138	**3410**	<625	**1040J**	<1250	**202**	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	**887**	<25.0	74.3J
Chlorinated Ethanes																		
1,1,1-Trichloroethane	640,000	640,000	140.2	*12700*	*24700*	*30000*	*29500*	*354*	*1880*	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
1,2-Dichloroethane	652	2,870	2.8	<526	<625	<625	<1250	<25.0	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	**4630**	<25.0	<25.5
1,1-Dichloroethane	5,060	22,200	483	*2680*	*1850J*	**5660**	<1250	158	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	382	<25.0	<25.5
Chloroethane	2,120,000	2,120,000	227	<1410	<1680	<1680	<1250	<67.0	<1340	<67.0	<69.1	<70.5	<69.8	<69.1	<67.7	192J	<67.0	<68.4
Other Volatile Organic Compounds																		
Bromochloromethane	216,000	906,000	NS	<526	<625	<625	<1250	<25.0	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
Chloromethane	159,000	669,000	15.5	<526	<625	<625	<1250	<25.0	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
Chloroform	454	1,980	3.3	<978	<1680	<1160	<2320	<46.4	<929	<46.4	<47.9	<48.9	<48.4	<47.9	<46.9	<46.4	<46.4	<47.4
n-Butylbenzene	108,000	108,000	NS	17500	15700	27900	29800	<25.0	11900	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	301	<25.5
sec-Butylbenzene	145,000	145,000	NS	9400	6990	15500	15200	<25.0	4900	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	278	<25.5
tert-Butylbenzene	183,000	183,000	NS	<526	<625	972J	<1250	<25.0	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
Isopropylbenzene	268,000	268,000	NS	4910	4270	7100	6480	<25.0	862J	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	56.9J	<25.5
n-Propylbenzene	264,000	264,000	NS	12000	11000	16200	19000	<25.0	2890	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	136	<25.5
p-Isopropyltoluene	162,000	162,000	NS	21400	16700	21600	20500	<25.0	5680	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
Naphthalene	5,520	24,100	658	*3530J*	*5140J*	**6420J**	**8020J**	<40.0	<801	<40.0	<41.3	<42.2	<41.7	<41.3	<40.4	<40.0	<40.0	<40.9
Methylene Chloride	61,800	1,150,000	2.56	<526	<625	<625	<1250	<25.0	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5

Notes:

See Figure 2 for sampling locations.

Key:

RCL: Residual Contaminant Level (December 2018)

NA = Not analyzed

NS = RCL Not Established

BOLD and boxed values exceed the WDNR NR 720 - Industrial RCLs for the direct contact exposure pathway

BOLD values exceed the WDNR NR 720 - Non-Industrial RCLs for the direct contact exposure pathway

ITALIC underline values exceed NR 720 Groundwater Protection RCLs

TABLE 2

SOIL ANALYTICAL RESULTS

FORMER D-F PROPERTY

ST. FRANCIS, WISCONSIN

			Sample Location	GP-22	GP-22	GP-23	GP-23	GP-24	GP-24	GP-26	GP-26	GP-27	GP-27	GP-28	GP-28	GP-29	GP-29	MW-18
			Ground Elevation	660	660	660	660	660	660	--	--	--	--	--	--	--	--	~ 659
			Date Sampled	01/21/19	01/21/19	01/21/19	01/21/19	01/21/19	01/21/19	01/21/19	01/21/19	01/21/19	01/21/19	01/21/19	01/21/19	01/21/19	01/21/19	01/21/19
		Direct Contact Zone	**Sample Depth**	1-2'	4-5'	1-2'	3-4'	1-2'	3-5'	1-2'	3-4'	1-2'	3-4'	1-2'	3-4'	1-2'	3-4'	44'
		Saturated (S)	**Unsaturated (U)**	U	U	U	U	U	U	U	U	U	U	U	U	U	U	S
			Sample Elevation	658-659	655-656	658-659	656-657	658-659	655-657	--	--	--	--	--	--	--	--	--
Parameters	**Non-Industrial Direct Contact RCL (µg/kg)**	**Industrial Direct Contact RCL (µg/kg)**	*Groundwater Pathway RCL (µg/kg)*	beneath steel shed - west	beneath steel shed - west	beneath steel shed - west	beneath steel shed - west	beneath steel shed - east	beneath steel shed - east	lower parkin lot - east	lower parkin lot - east	lower parkin lot - east	lower parkin lot - east	lower parkin lot - east	lower parkin lot - east	lower parkin lot - west	lower parkin lot - west	south of office area
Petroleum Volatile Organic Compounds				**Results reported as micrograms per kilogram (µg/kg)**														
Benzene	9	7,070	5.1	<526	<625	<625	<1250	<25.0	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
Toluene	818,000	818,000	1,107	*8710*	*21700*	*22500*	*31200*	<25.0	<500	<25.0	<25.8	<26.3	<26.0	<25.8	36.1J	<25.0	<25.0	<25.5
Ethylbenzene	1,570	35,400	1,570	**20200**	**22400**	**27200**	**25800**	<25.0	809J	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
Total Xylenes	260,000	260,000	3,960	*69000*	*106300*	*142200*	*131400*	<75.0	2676	<75.0	<77.3	<77.9	<78.1	<77.3	<75.8	<75.0	<75.0	<76.5
m,p-Xylenes	NS	NS	NS	35800	72100	88600	87000	<50.0	1920J	<50.0	<51.5	<52.6	<52.1	<51.5	<50.5	<50.0	<50.0	<51.0
o-Xylene	NS	NS	NS	33200	34200	53600	44400	<25.0	756J	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
Styrene	867,000	867,000	220	<526	<625	<625	<1250	<25.0	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
1,2,4-Trimethylbenzene	219,000	219,000	1,382.1	*87000*	*77200*	*124000*	*114000*	<25.0	*15800*	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	77.2J	<25.5
1,3,5-Trimethylbenzene	182,000	182,000		*28800*	*24300*	*43300*	*37200*	<25.0	*3510*	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
Chlorinated Ethenes																		
Tetrachloroethene	33,000	145,000	4.5	<526	<625	<625	<1250	*192*	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
Trichloroethene	1,300	8,410	3.6	**1870J**	<625	<625	<1250	*74.0J*	<500	<25.0	<25.8	<26.3	<26.0	*98.7*	<25.3	*1260*	<25.0	<25.5
cis-1,2-Dichloroethene	156,000	2,340,000	41.2	*20500*	*9590*	*52200*	*16100*	*2030*	*22701*	*35.5J*	*60.2J*	*63.7J*	*99.2*	*42.2J*	*57.0J*	*1590*	<25.0	*102*
trans-1,2-Dichloroethene	1,560,000	1,850,000	62.6	<526	<625	<625	<1250	31.4J	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
1,1-Dichloroethene	320,000	1,190,000	5	<526	<625	<625	<1250	<25.0	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	*144*	<25.0	<25.5
Vinyl Chloride	67	2,080	0.138	**3410**	<625	**1040J**	<1250	**202**	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	**887**	<25.0	74.3J
Chlorinated Ethanes																		
1,1,1-Trichloroethane	640,000	640,000	140.2	*12700*	*24700*	*30000*	*29500*	*354*	*1880*	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
1,2-Dichloroethane	652	2,870	2.8	<526	<625	<625	<1250	<25.0	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	***4630***	<25.0	<25.5
1,1-Dichloroethane	5,060	22,200	483	*2680*	*1850J*	**5660**	<1250	158	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	382	<25.0	<25.5
Chloroethane	2,120,000	2,120,000	227	<1410	<1680	<1680	<1250	<67.0	<1340	<67.0	<69.1	<70.5	<69.8	<69.1	<67.7	192J	<67.0	<68.4
Other Volatile Organic Compounds																		
Bromochloromethane	216,000	906,000	NS	<526	<625	<625	<1250	<25.0	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
Chloromethane	159,000	669,000	15.5	<526	<625	<625	<1250	<25.0	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
Chloroform	454	1,980	3.3	<978	<1680	<1160	<2320	<46.4	<929	<46.4	<47.9	<48.9	<48.4	<47.9	<46.9	<46.4	<46.4	<47.4
n-Butylbenzene	108,000	108,000	NS	17500	15700	27900	29800	<25.0	11900	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	301	<25.5
sec-Butylbenzene	145,000	145,000	NS	9400	6990	15500	15200	<25.0	4900	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	278	<25.5
tert-Butylbenzene	183,000	183,000	NS	<526	<625	972J	<1250	<25.0	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
Isopropylbenzene	268,000	268,000	NS	4910	4270	7100	6480	<25.0	862J	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	56.9J	<25.5
n-Propylbenzene	264,000	264,000	NS	12000	11000	16200	19000	<25.0	2890	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	136	<25.5
p-Isopropyltoluene	162,000	162,000	NS	21400	16700	21600	20500	<25.0	5680	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5
Naphthalene	5,520	24,100	658	*3530J*	*5140J*	**6420J**	**8020J**	<40.0	<801	<40.0	<41.3	<42.2	<41.7	<41.3	<40.4	<40.0	<40.0	<40.9
Methylene Chloride	61,800	1,150,000	2.56	<526	<625	<625	<1250	<25.0	<500	<25.0	<25.8	<26.3	<26.0	<25.8	<25.3	<25.0	<25.0	<25.5

Notes:

See Figure 2 for sampling locations.

Key:

RCL: Residual Contaminant Level (December 2018)

NA = Not analyzed

NS = RCL Not Established

BOLD and boxed values exceed the WDNR NR 720 - Industrial RCLs for the direct contact exposure pathway

BOLD values exceed the WDNR NR 720 - Non-Industrial RCLs for the direct contact exposure pathway

ITALIC underline values exceed NR 720 Groundwater Protection RCLs

TABLE 2

SOIL ANALYTICAL RESULTS

FORMER D-F PROPERTY

ST. FRANCIS, WISCONSIN

			Sample Location	MW-19	MW-19	LFSB1	LFSB1	LFSB2	LFSB2	LFSB3	LFSB3	LFSB4	LFSB4
			Ground Elevation	~ 660	~ 660	~ 660	~ 660	~ 660	~ 660	~ 660	~ 660	~ 660	~ 660
			Date Sampled	06/27/23	06/27/23	06/27/23	06/27/23	06/27/23	06/27/23	06/27/23	06/27/23	06/27/23	06/27/23
		Direct Contact Zone	**Sample Depth**	2-4'	8-10'	2-3'	4-5'	2-3'	4-5'	2-3'	4-5'	2-3'	4-5'
		Saturated (S)	**Unsaturated (U)**	U	U	U	U	U	U	U	U	U	U
			Sample Elevation	656-658	650-662	657-658	655-656	657-658	655-656	657-658	655-656	657-658	655-656
Parameters	**Non-Industrial Direct Contact RCL (µg/kg)**	**Industrial Direct Contact RCL (µg/kg)**	*Groundwater Pathway RCL (µg/kg)*	West side, in corner of building union	West side, in corner of building union	East side bldg, former plating area	East side bldg, former plating area	East side bldg, former plating area	East side bldg, former plating area	East side bldg, former plating area	East side bldg, former plating area	East side bldg, former plating area	East side bldg, former plating area
Petroleum Volatile Organic Compounds													
Benzene	9	7,070	5.1	<15.0	<16.8	<15.8	<14.8	<13.9	<14.6	<16.7	<14.8	<16.0	<14.6
Toluene	818,000	818,000	1,107	<15.9	<17.8	29.6 J	<15.6	200	25.9 J	47.9 J	<15.6	59.2 J	18.5 J
Ethylbenzene	1,570	35,400	1,570	<15.0	18.4 J	48.5 J	<14.8	<13.9	14.9 J	37.1 J	<14.6	31.9 J	<14.6
Total Xylenes	260,000	260,000	3,960	<45.6	46.6 J	350	<44.8	62.6J	215	208	118	210	<44.3
m,p-Xylenes	NS	NS	NS	<26.7	46.6 J	231	<26.2	33.2 J	92.4	123 J	51.9 J	140	<25.9
o-Xylene	NS	NS	NS	<18.9	<21.2	119	<18.6	29.4 J	123	85	66.3	69.6	<18.4
Styrene	867,000	867,000	220	<16.2	<18.1	<17.0	<15.9	<15.0	<15.7	32.4 J	<15.8	<17.2	<15.7
1,2,4-Trimethylbenzene	219,000	219,000	1,382.1	<18.8	<21.0	<19.8	<18.5	32.1 J	<18.3	156	<18.5	180	<18.3
1,3,5-Trimethylbenzene	182,000	182,000		<20.3	<22.7	<21.4	<20.0	<18.9	<19.8	56.0 J	<20.0	47.5 J	<19.8
Chlorinated Ethenes													
Tetrachloroethene	33,000	145,000	4.5	<24.5	<27.4	*105*	<24.1	*315*	*58.7 J*	*474*	<24.0	*54.4 J*	<23.8
Trichloroethene	1,300	8,410	3.6	*175*	*302*	*536*	*81.7*	***2370***	*654*	***3720***	*155*	*618*	*91.1*
cis-1,2-Dichloroethene	156,000	2,340,000	41.2	<13.5	<15.1	<14.2	<13.3	*114*	<13.1	*346*	20.8 J	*769*	<13.2
trans-1,2-Dichloroethene	1,560,000	1,850,000	62.6	<13.6	<15.3	<190	<13.4	14.9 J	<13.3	53.4 J	<13.4	36.9 J	<13.3
1,1-Dichloroethene	320,000	1,190,000	5	<21.0	<23.4	<22.0	<20.6	<19.4	<20.4	<23.4	<20.6	<22.4	<20.4
Vinyl Chloride	67	2,080	0.138	<12.8	<14.3	<13.4	<12.2	<11.8	<12.4	<14.4	<12.5	<13.6	<12.4
Chlorinated Ethanes													
1,1,1-Trichloroethane	640,000	640,000	140.2	<16.2	<18.1	106	<15.9	*480*	*418*	<58.2	132	132	41.1 J
1,2-Dichloroethane	652	2,870	2.8	<14.5	<16.2	<15.3	<14.3	<13.5	<14.4	<21.9	<14.3	<15.5	<14.1
1,1-Dichloroethane	5,060	22,200	483	<16.2	<18.1	<17.0	<15.9	59.4	22.8 J	84.2	18.7 J	49.7 J	<15.7
Chloroethane	2,120,000	2,120,000	227	<26.7	<29.8	<28.0	<26.2	<24.7	<25.9	<26.8	<26.2	<28.4	<25.9
Other Volatile Organic Compounds													
Bromochloromethane	216,000	906,000	NS	<88.6	<19.4	<18.2	<17.0	<13.9	<16.8	<19.3	<17.0	<18.5	<16.6
Chloromethane	159,000	669,000	15.5	<24.0	<26.8	<25.2	<23.6	<22.3	<23.3	<26.8	<23.6	<25.6	<23.4
Chloroform	454	1,980	3.3	<45.2	<50.6	<47.5	<44.4	<41.9	<44.0	<50.5	<44.4	<48.2	<44.0
n-Butylbenzene	108,000	108,000	NS	<28.9	<32.3	<30.4	<28.4	<26.6	<28.1	<32.3	<28.4	<30.8	<28.2
sec-Butylbenzene	145,000	145,000	NS	<15.4	<17.2	<16.2	<15.1	<14.3	<15.0	<17.2	<15.1	<16.4	<15.0
tert-Butylbenzene	183,000	183,000	NS	<19.8	<22.2	<20.8	<19.5	<18.4	<19.3	<22.2	<19.5	<21.1	<19.3
lsopropylbenzene	268,000	268,000	NS	<17.1	<19.1	<17.9	<16.8	<15.8	<16.6	<19.1	<16.7	<18.2	<16.6
n-Propylbenzene	264,000	264,000	NS	<15.2	<16.9	<15.9	<14.9	<14.1	<14.7	18.5 J	<14.9	17.3 J	<14.8
p-lsopropyltoluene	162,000	162,000	NS	<19.2	<21.5	<20.2	<18.9	<17.8	<18.7	<18.7	<18.8	<20.5	<18.7
Naphthalene	5,520	24,100	658	<19.7	<22.0	<20.7	<19.4	34.6 J	<19.2	<22.0	<19.3	<21.0	<19.2
Methylene Chloride	61,800	1,150,000	2.56	<17.6	<19.6	<18.5	<17.2	<11.8	<17.1	<19.6	<17.2	<18.7	<17.2

Notes:

See Figure 2 for sampling locations.

Key:

RCL: Residual Contaminant Level (December 2018)

NA = Not analyzed

NS = RCL Not Established

BOLD and boxed values exceed the WDNR NR 720 - Industrial RCLs for the direct contact exposure pathway

BOLD values exceed the WDNR NR 720 - Non-Industrial RCLs for the direct contact exposure pathway

ITALIC underline values exceed NR 720 Groundwater Protection RCLs

TABLE 2

SOIL ANALYTICAL RESULTS

FORMER D-F PROPERTY

ST. FRANCIS, WISCONSIN

				Sample Location	MW16-1	PMW8-1	MW-17-1	GP-26	GP-26	GP-27	GP-28	GP-29	GP-29
				Ground Elevation	659	660	659	657.50	657.50	659	659	659	659
				Date Sampled	01/25/17	01/25/17	01/25/17	1/21/2019	1/21/2019	1/21/2019	1/21/2019	1/21/2019	1/21/2019
			Direct Contact Zone	Sample Depth	1-3'	3-4'	3-5'	1-2'	3-4'	1-2'	1-2'	1-2'	3-4'
			Saturated (S)	Unsaturated (U)	U	U	U	U	U	U	U	U	U
				Sample Elevation	656-658	656-657	654-666	655.5-656.5	653.5-654.5	657-658	657-658	657-658	655-656
Parameters	**Background Threshold Value (BTV)**	**Non-Industrial Direct Contact RCL (µg/kg)**	**Industrial Direct Contact RCL (µg/kg)**	*Groundwater Pathway RCL (µg/kg)*	lower parking lot - west	east of steel shed	lower parking lot - east	lower parkin lot - east	lower parkin lot - east	lower parkin lot - east	lower parkin lot - east	lower parkin lot - west	lower parkin lot - west
RCRA Metals			mg/kg										
Arsenic*	8.0	0.677	0.584	0.584	***63.1***	4.2J	5.1J	***17.6***	2.8J	2.2J	4.7J	***48.2***	***21.8***
Barium	364	15,300	164.8	164.8	232	24.7	12.1	33.8	10.5	11.8	37.2	184	177
Cadmium	1.0	71.1	985	0.752	<2.4	<0.15	<0.14	*4.2*	<0.15	<0.13	0.64	<1.3	1.7
Chromium **	44.0	0.301/100,000	3.84/360,000	360,000	***764***	13.4	24.3	***51.2***	21	2.9	***81***	***1030***	32.3
Lead	52.0	400	800	27	42.8	7.2	16.5	*74.8*	12.8	8.5	27.3	28.3	14.7
Silver	NS	391	5,840	0.849	*1.3J*	<0.39	<0.37	*2.1*	<0.38	<0.35	0.57J	*2.7*	0.69J
Selenium	NS	391	5,840	0.52	*16.3*	<1.3	<1.2	<1.4	<1.4	<1.3	<1.4	*15.8*	<1.9
Mercury	NS	3.13	3.13	0.208	*1.3J*	<0.011	0.014J	0.068	0.017J	0.014J	0.11	*0.47*	0.14
PAHs			(µg/kg)										
Acenaphthene	NS	3,590,000	45,200,000	NS	<7.2	<4.5	<21.1	14.4	<17.5	<20.6	<4.2	<7.4	13.1J
Acenaphthylene	NS	NS	NS	NS	6.1	<3.8	<17.9	4.7J	<14.9	<17.5	<3.6	<6.3	<4.8
Anthracene	NS	17,900,000	100,000,000	196,949	<10.6	<6.6	<31.0	30.7	<25.8	<30.4	<6.2	<11.0	<8.4
Benzo(a)anthracene	NS	1,140	20,800	NS	<5.9	<3.7	423	167	349	525	132	22.1	41.4
Benzo(a)pyrene	NS	115	2,110	470	<4.7	<2.9	***858***	**297**	***667***	***1160***	**280**	23.3	35.7
Benzo(b)fluoranthene	NS	1,150	21,100	479	<5.3	<3.3	***1240***	474	*856*	***1490***	394	32.3	57.7
Benzo(g,h,i)perylene	NS	NS	NS	NS	<3.8	<2.3	844	198	543	1220	261	14.5	16.9
Benzo(k)fluoranthene	NS	11,500	211,000	NS	<4.7	<2.9	428	139	335	642	152	14.0J	17.4
Chrysene	NS	115,000	2,110,000	144.6	<6.3	<3.9	***548***	***245***	***392***	***645***	***157***	23.8	38.5
Dibenz(a,h)anthracene	NS	115	2,110	NS	<4.2	<2.6	**192**	48.8	**123**	**261**	61.2	<4.3	4.9J
Fluoranthene	NS	2,390,000	30,100,000	88,878	<9.7	<6.0	301	299	199	346	131	42.9	74.7
Fluorene	NS	2,390,000	30,100,000	14,830	<7.7	<4.8	<22.5	9.1J	<18.7	<22.0	<4.5	<7.9	14.9J
Indeno(1,2,3-cd)pyrene	NS	1,150	21,100	NS	<4.1	<2.5	652	169	411	906	204	11.8J	13
1-Methylnaphthalene	NS	17,600	72,700	NS	<7.5	<4.6	<21.9	9.0J	<18.2	28.8J	<4.3	<7.7	59.6
2-Methylnaphthalene	NS	239,000	3,010,000	NS	<9.3	<5.8	<27.2	11.6J	<22.6	58.9J	6.7J	<9.6	97.7
Naphthalene	NS	5,520	24,100	658	<15.7	<9.7	<45.8	10.5J	<38.0	<44.8	10.4J	<16.2	125
Phenanthrene	NS	NS	NS	NS	<21.7	<13.4	76.9J	185	<52.6	133J	28.2J	<22.3	54.0J
Pyrene	NS	1,790,000	22,600,000	54,545	<8.4	<5.2	329	268	230	396	124	37.5	72.8

Notes:

See Figure 2 for sampling locations.

Key:

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BOLD and boxed values exceed the WDNR NR 720 - Industrial RCLs for the direct contact exposure pathway

BOLD values exceed the WDNR NR 720 - Non-Industrial RCLs for the direct contact exposure pathway

ITALIC underline values exceed NR 720 Groundwater Protection RCLs

TABLE 2

SOIL ANALYTICAL RESULTS

FORMER D-F PROPERTY

ST. FRANCIS, WISCONSIN

				Sample Location	PMW-19	PMW-19	LFSB1	LFSB1	LFSB2	LFSB2	LFSB3	LFSB3	LFSB4	LFSB4
				Ground Elevation	~ 660	~ 660	~ 660	~ 660	~ 660	~ 660	~ 660	~ 660	~ 660	~ 660
				Date Sampled	06/27/23	06/27/23	06/27/23	06/27/23	06/27/23	06/27/23	06/27/23	06/27/23	06/27/23	06/27/23
			Direct Contact Zone	**Sample Depth**	2-4'	8-10'	2-3'	4-5'	2-3'	4-5'	2-3'	4-5'	2-3'	4-5'
			Saturated (S)	**Unsaturated (U)**	U	U	U	U	U	U	U	U	U	U
				Sample Elevation	656-658	650-662	657-658	655-656	657-658	655-656	657-658	655-656	657-658	655-656
Parameters	**Background Threshold Value (BTV)**	**Non-Industrial Direct Contact RCL (µg/kg)**	**Industrial Direct Contact RCL (µg/kg)**	*Groundwater Pathway RCL (µg/kg)*	West side, in corner of building union	West side, in corner of building union	East side bldg, former plating area	East side bldg, former plating area	East side bldg, former plating area	East side bldg, former plating area	East side bldg, former plating area	East side bldg, former plating area	East side bldg, former plating area	East side bldg, former plating area
RCRA Metals		mg/kg												
Arsenic*	8.0	0.677	0.584	0.584	<3.0	<1.7	6.4	2.8	4.1	5.5	3.8	5.7	5.8	5.6
Barium	364	15,300	164.8	164.8	25.3	43.2	112	54.6	72.1	77.3	88.7	255	146	80.7
Cadmium	1.0	71.1	985	0.752	<0.27	0.34 J	*3.8*	*3.4*	*1.4*	0.46 J	0.70	*3.3*	*2.4*	0.85
Chromium **	44.0	0.301/100,000	3.84/360,000	360,000	12.0	18.6	55.5	28.3	30.7	34.1	40.6	**124**	**64.2**	30.5
Lead	52.0	400	800	27	31.3	10.2	*216*	10.5	*60.9*	35.3	25.5	***696***	*153*	*54.0*
Silver	NS	391	5,840	0.849	<2.7	<1.4	<1.4	<1.4	<1.3	<1.4	<1.5	<1.4	<1.5	<1.4
Selenium	NS	391	5,840	0.52	<0.63	<0.35	*2.4*	<0.34	*1.0*	<0.33	<0.35	<0.33	*0.99 J*	<0.33
Mercury	NS	3.13	3.13	0.208	0.035 J	0.049	*0.51*	*0.28*	*0.26*	0.079	*0.48*	*0.30*	*0.22*	0.13
PAHs		(µg/kg)												
Acenaphthene	NS	3,590,000	45,200,000	NS	5.8 J	12.6 J	11.9 J	<2.4	15.2 J	5.2 J	14.0 J	<2.4	28.5 J	<2.4
Acenaphthylene	NS	NS	NS	NS	<2.4	<6.4	68.2	3.1 J	21.8 J	7.9 J	18.0 J	<2.4	14.7 J	6.2 J
Anthracene	NS	17,900,000	100,000,000	196,949	11.9 J	21.4 J	68.7	3.0 J	81.5	24.1	41.5	3.9 J	121	7.9 J
Benzo(a)anthracene	NS	1,140	20,800	NS	153	355	205	14.5 J	310	66.8	213	20.3	579	44.5
Benzo(a)pyrene	NS	115	2,110	470	**264**	***619***	**254**	20.5	**330**	71.3	**271**	24.3	***617***	51.3
Benzo(b)fluoranthene	NS	1,150	21,100	479	377	*745*	431	32.3	463	116	418	36.7	*1,000*	72.6
Benzo(g,h,i)perylene	NS	NS	NS	NS	**221**	***488***	**158**	23.4	**186**	52.4	112	15.2 J	**229**	42.9
Benzo(k)fluoranthene	NS	11,500	211,000	NS	118	347	182	12.1 J	194	46.2	200	14.8 J	362	24.3
Chrysene	NS	115,000	2,110,000	144.6	*171*	*386*	*260*	28.5	*383*	87.0	*313*	30.4	*703*	47.5
Dibenz(a,h)anthracene	NS	115	2,110	NS	58.2	**125**	50.1	4.1 J	45.6	12.3 J	28.9	4.4 J	75.6 J	10.6 J
Fluoranthene	NS	2,390,000	30,100,000	88,878	175	423	454	39.2	769	134	545	54.3	1,400	79.8
Fluorene	NS	2,390,000	30,100,000	14,830	3.3 J	6.7 J	13.9 J	<2.2	27.2 J	11.8 J	14.5 J	<2.2	35.1 J	<2.2
Indeno(1,2,3-cd)pyrene	NS	1,150	21,100	NS	176	385	147	14.4 J	161	38.4	104	13.3 J	220	32.2
1-Methylnaphthalene	NS	17,600	72,700	NS	6.0 J	12.0 J	6.4 J	<2.7	10.2 J	11.0 J	13.1 J	3.1 J	14.6	<2.7
2-Methylnaphthalene	NS	239,000	3,010,000	NS	10.4 J	20.9 J	9.5 J	<2.7	13.9 J	18.5 J	16.6 J	4.1 J	16.6 J	<2.7
Naphthalene	NS	5,520	24,100	658	21.0	34.5 J	19.2 J	2.8 J	22.1 J	35.1	22.4	10.2 J	24.4 J	4.2 J
Phenanthrene	NS	NS	NS	NS	55.3	118	182	18.7	440	98.0	217	24.8	633	41.5
Pyrene	NS	1,790,000	22,600,000	54,545	207	444	343	31.9	570	109	411	38.9	1,080	62.9

Notes:

See Figure 2 for sampling locations.

Key:

RCL: Residual Contaminant Level (December 2018)

NA = Not analyzed

NS = RCL Not Established

BOLD and boxed values exceed the WDNR NR 720 - Industrial RCLs for the direct contact exposure pathway

BOLD values exceed the WDNR NR 720 - Non-Industrial RCLs for the direct contact exposure pathway

ITALIC underline values exceed NR 720 Groundwater Protection RCLs

APPENDIX A

Soil Boring Logs, Abandonment Forms and Monitoring Well Construction Form

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Page 1 of 1

Facility/Project Name: DF/2517 East Norwich Ave	License/Permit/Monitoring Number	Boring Number: LFSB-1
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Last Name: Firm: Horizon Construction and Exploration	Date Drilling Started: 06 27 2023 (m m / d d / y y y y)	Date Drilling Completed: 06 27 2023 (m m / d d / y y y y)
		Drilling Method: Geoprobe
WI Unique Well No.: _ _ _ _ _ _	DNR Well ID No.: _ _ _ _	Well Name
Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: _____ inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ State Plane _____ N, _____ E _____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____	Lat ° ' " Long ° ' "	Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
Facility ID	County	County Code: _____ Civil Town/City/ or Village

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
			0	Top soil (2 in) - damp to dry						D				2-3 bgs VOCs & Dry Weight PAHs RCRA Metals
				Damp clay, trace gravel - possible fill										
				Damp firm clay, trace gravel, orange mottling						D				4-5' bgs VOCs & Dry Weight PAHs RCRA Metals
			5							D				
										D				
			10	EOB @ 10'bgs										
			15											
			20											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
Sarah Ganswindt	**LF Green Development**, LLC

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☑ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☑ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	~~Fileap #~~
	___ ___ ___ ___ ___	LFSB-1

Latitude / Longitude (see instructions): _____ N / _____ W
Format Code: ☐ DD ☐ DDM
Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 2517 E Norwich Ave

Well City, Village or Town	Well ZIP Code
St. Francis	

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Sampling completed	___ ___ ___ ___ ___

2. Facility / Owner Information

Facility Name: D-F
Facility ID (FID or PWS):
License/Permit/Monitoring #:
Original Well Owner: City of St. Francis Communit Development Authority
Present Well Owner:
Mailing Address of Present Owner:

City of Present Owner	State	ZIP Code
St. Francis	WI	53225

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 06/27/2023

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug ☑ Other (specify): Direct Push

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
10	NA

Lower Drillhole Diameter (in.)	Casing Depth (ft.)

Was well annular space grouted? NA ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	NA

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☑ N/A
Liner(s) removed?	☐ Yes	☐ No	☑ N/A
Liner(s) perforated?	☐ Yes	☐ No	☑ N/A
Screen removed?	☐ Yes	☐ No	☑ N/A
Casing left in place?	☐ Yes	☐ No	☑ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☑ N/A
Did sealing material rise to surface?	☑ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☑ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☑ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☐ No	☑ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☑ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☑ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Pure Gold Bentonite Chips	Surface	10		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Adam Sweet - Horizon Construction & Exploration LLC		06/27/2023

Street or Route:
Telephone Number: ( )

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
			Sarah Ganswindt	06/27/2023

DNR Use Only

Date Received	Noted By

Comments:

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Page 1 of 1

Facility/Project Name: DF/2517 East Norwich Ave	License/Permit/Monitoring Number	Boring Number: LFSB-2
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Adam Last Name: Sweet Firm: Horizon Construction and Exploration	Date Drilling Started: 06/27/2023 (m m/d d/y y y y)	Date Drilling Completed: 06/27/2023 (m m/d d/y y y y)
Drilling Method: Geoprobe		
WI Unique Well No.	DNR Well ID No.	Well Name
Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: _____ inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ State Plane _____ N, _____ E _____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____	Lat ° ' " Long ° ' "	Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
Facility ID	County	County Code: ____ ____
Civil Town/City/ or Village		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			0	Top soil (2 in) followed by dry brown topsoil, followed by dry firm clay, trace gravel, orange mottling; possible fill						D				2-3 bgs VOCs & Dry Weight PAHs RCRA Metals
										D				
			5	Dry fine sand w/silt, orange, "sand box sand"						D				4-5' bgs VOCs & Dry Weight PAHs RCRA Metals
										D				
			10	EOB @ 10'bgs										
			15											
			20											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
Sarah Ganswindt	LF Green Development, LLC

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☑ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☑ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	~~Fileap #~~
	___ ___ ___ ___ ___	LFSB-2

Latitude / Longitude (see instructions): _____ N _____ W
Format Code: ☐ DD ☐ DDM
Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 2517 E Norwich Ave

Well City, Village or Town	Well ZIP Code
St. Francis	

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Sampling completed	___ ___ ___ ___ ___

2. Facility / Owner Information

Facility Name: D-F
Facility ID (FID or PWS):
License/Permit/Monitoring #:
Original Well Owner: City of St. Francis Communit Development Authority
Present Well Owner:
Mailing Address of Present Owner:

City of Present Owner	State	ZIP Code
St. Francis	WI	53225

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 06/27/2023
If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug ☑ Other (specify): Direct Push

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
10	NA
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**

Was well annular space grouted? NA ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	NA

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☑ N/A
Liner(s) removed?	☐ Yes	☐ No	☑ N/A
Liner(s) perforated?	☐ Yes	☐ No	☑ N/A
Screen removed?	☐ Yes	☐ No	☑ N/A
Casing left in place?	☐ Yes	☐ No	☑ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☑ N/A
Did sealing material rise to surface?	☑ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☑ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☑ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☐ No	☑ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☑ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☑ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Pure Gold Bentonite Chips	Surface	10		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Adam Sweet - Horizon Construction & Exploration LLC		06/27/2023

Street or Route	Telephone Number
	( )

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
			Sarah Ganswindt	06/27/2023

DNR Use Only

Date Received	Noted By

Comments:

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Page 1 of 1

Facility/Project Name: DF/2517 East Norwich Ave	License/Permit/Monitoring Number	Boring Number: LFSB-3	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Adam Last Name: Sweet Firm: Horizon Construction and Exploration	Date Drilling Started: 06/27/2023 (m m/d d/y y y y)	Date Drilling Completed: 06/27/2023	Drilling Method: Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: _____ inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ State Plane _____ N, _____ E _____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____	Lat ° ' " Long ° ' "	Local Grid Location _____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W	
Facility ID	County	County Code	Civil Town/City/ or Village		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			0	Top soil (2 in) w/some gravel, followed by firm dry clay, trace gravel, orange mottling; possible fill						D				2-3 bgs VOCs & Dry Weight PAHs RCRA Metals
			5	Dry firm clay, trace gravel, orange mottling						D				4-5' bgs VOCs & Dry Weight PAHs RCRA Metals
										D				
				Orange very fine sand w/some silt						M				
			10	EOB @ 10'bgs										
			15											
			20											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
Sarah Ganswindt	LF Green Development, LLC

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

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☑ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☑ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	~~Hicap #~~
	___ ___ ___ ___ ___	LFSB-3

Latitude / Longitude (see instructions): _____ N _____ W
Format Code: ☐ DD ☐ DDM
Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 2517 E Norwich Ave

Well City, Village or Town	Well ZIP Code
St. Francis	

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Sampling completed	___ ___ ___ ___ ___

2. Facility / Owner Information

Facility Name: D-F
Facility ID (FID or PWS):
License/Permit/Monitoring #:
Original Well Owner: City of St. Francis Communit Development Authority
Present Well Owner:
Mailing Address of Present Owner:

City of Present Owner	State	ZIP Code
St. Francis	WI	53225

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 06/27/2023
If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug ☑ Other (specify): Direct Push

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
10	NA
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**

Was well annular space grouted? NA ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	NA

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☑ N/A
Liner(s) removed?	☐ Yes	☐ No	☑ N/A
Liner(s) perforated?	☐ Yes	☐ No	☑ N/A
Screen removed?	☐ Yes	☐ No	☑ N/A
Casing left in place?	☐ Yes	☐ No	☑ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☑ N/A
Did sealing material rise to surface?	☑ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☑ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☑ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☐ No	☑ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☑ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☑ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Pure Gold Bentonite Chips	Surface	10		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Adam Sweet - Horizon Construction & Exploration LLC		06/27/2023

Street or Route	Telephone Number
	( )

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
			Sarah Ganswindt	06/27/2023

DNR Use Only

Date Received	Noted By

Comments:

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Page 1 of 1

Facility/Project Name: DF/2517 East Norwich Ave	License/Permit/Monitoring Number	Boring Number: LFSB-4	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Adam Last Name: Sweet Firm: Horizon Construction and Exploration	Date Drilling Started: 06/27/2023 (m m d d y y y y)	Date Drilling Completed: 06/27/2023 (m m d d y y y y)	Drilling Method: Geoprobe
WI Unique Well No. _ _ _ _ _ _	DNR Well ID No. _ _ _ _	Well Name	Final Static Water Level: _____ Feet MSL
Surface Elevation: _____ Feet MSL	Borehole Diameter: _____ inches		
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ State Plane _____ N, _____ E _____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____	Lat ° ' " Long ° ' "	Local Grid Location _____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W	
Facility ID	County	County Code	Civil Town/City/ or Village

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
			0	Top soil (2 in), mulch, gravel, change to brown moist clay w/dark orange mottling; possible fill						M				2-3 bgs VOCs & Dry Weight PAHs RCRA Metals
				Brown moist clay, orange mottling						M				
			5	Brown moist clay, orange mottling, less mottling w/depth						M				4-5' bgs VOCs & Dry Weight PAHs RCRA Metals
				Orange very fine sand w/some silt, trace gravel						M				
			10	EOB @ 10'bgs										
			15											
			20											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
Sarah Ganswindt	LF Green Development, LLC

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☑ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☑ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	~~Fileap~~ #
	___ ___ ___ ___ ___	LFSB-4

Latitude / Longitude (see instructions) _____ N _____ W
Format Code: ☐ DD ☐ DDM
Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 2517 E Norwich Ave

Well City, Village or Town	Well ZIP Code
St. Francis	

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Sampling completed	___ ___ ___ ___ ___

2. Facility / Owner Information

Facility Name: D-F
Facility ID (FID or PWS):
License/Permit/Monitoring #:
Original Well Owner: City of St. Francis Communit Development Authority
Present Well Owner:
Mailing Address of Present Owner:

City of Present Owner	State	ZIP Code
St. Francis	WI	53225

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 06/27/2023

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug ☑ Other (specify): Direct Push

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
10	NA
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**

Was well annular space grouted? NA ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	NA

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☑ N/A
Liner(s) removed?	☐ Yes	☐ No	☑ N/A
Liner(s) perforated?	☐ Yes	☐ No	☑ N/A
Screen removed?	☐ Yes	☐ No	☑ N/A
Casing left in place?	☐ Yes	☐ No	☑ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☑ N/A
Did sealing material rise to surface?	☑ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☑ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☑ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☐ No	☑ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☑ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☑ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Pure Gold Bentonite Chips	Surface	10		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Adam Sweet - Horizon Construction & Exploration LLC		06/27/2023

Street or Route	Telephone Number
	( )

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
			Sarah Ganswindt	06/27/2023

DNR Use Only

Date Received	Noted By

Comments

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Facility/Project Name: DF/2517 East Norwich Ave	License/Permit/Monitoring Number	Boring Number: MW-19	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Adam Last Name: Sweet Firm: Horizon Construction and Exploration	Date Drilling Started: 06 27 2023 (m m / d d / y y y y)	Date Drilling Completed: 06 27 2023 (m m / d d / y y y y)	Drilling Method: Hollow Stem Auger
WI Unique Well No.: _ _ _ _ _ _	DNR Well ID No.: _ _ _ _	Well Name: MW-19	Final Static Water Level: _____ Feet MSL
Surface Elevation: _____ Feet MSL	Borehole Diameter: _____ inches		
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ State Plane _____ N, _____ E _____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____	Lat ° ' " Long ° ' "	Local Grid Location _____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W	
Facility ID	County	County Code	Civil Town/City/ or Village

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				Asphalt over 6" base course (6 inches) followed by very fine brown sand seam (3 inches) - FILL						M				
				Moist brown clay, trace rounded gravel with orange mottling - possible fill						M				
										M				2-4' bgs VOCs & Dry Weight PAHs RCRA Metals
			5	Change to very moist sandy clay, trace gravel to 7' bgs; @ 7' moist brown clay, some sand orange and gray mottling - possible fill						M				
										M				
				@ 9.5' gravel (white) with sand (white, 6") followed by brown moist clay with some sand - possible fill						M				8-10' bgs VOCs & Dry Weight PAHs RCRA Metals
			10	6" gravel and sand seam, very moist, change to gray silty clay w orange mottling						M				
			15	Gray silty clay, less mottling						M				
				Gray silty clay, no mottling						M				
			20											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
Sarah Ganswindt	LF Green Development, LLC

Sample		Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				Gray silty clay, no mottling						M				
				Gray silty clay, no mottling, wet						W				
										W				
				Hard pack gray silty clay						W				
			25											
				EOB @ 26' bgs, set well w 5'screen										
			30											
			35											
			40											

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: DF	Local Grid Location of Well: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name: PMW-19/flushmount
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 06 / 27 / 2023 (m m d d y y y y)
Type of Well: Well Code ____ / ____	Section Location of Waste/Source: NE 1/4 of ____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐ E ☐ W	Well Installed By: Name (first, last) and Firm: Adam Sweet — Horizon Construction and Exploration
Distance from Waste/Source ____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known / Gov. Lot Number	

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or _____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐ ____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No

Describe NA

17. Source of water (attach analysis, if required):
NA

E. Bentonite seal, top 01.00 ft. MSL or _____ ft.

F. Fine sand, top 18.00 ft. MSL or _____ ft.

G. Filter pack, top 19.00 ft. MSL or _____ ft.

H. Screen joint, top 21.00 ft. MSL or _____ ft.

I. Well bottom 26.00 ft. MSL or _____ ft.

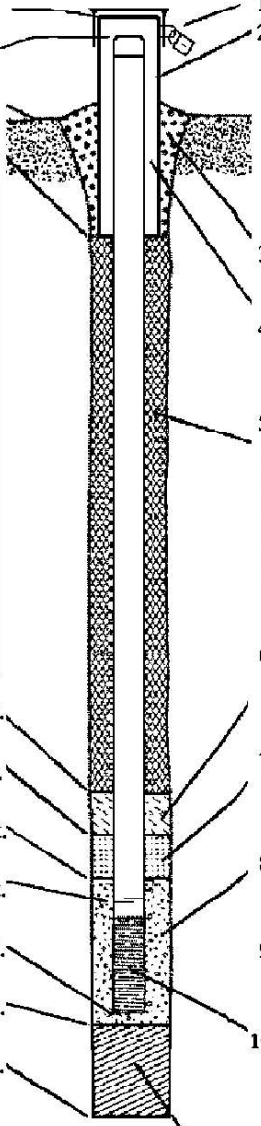
J. Filter pack, bottom 26.00 ft. MSL or _____ ft.

K. Borehole, bottom 26.00 ft. MSL or _____ ft.

L. Borehole, diameter 8.25 in.

M. O.D. well casing 2.375 in.

N. I.D. well casing 2.047 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 2 ft.
c. Material: Steel ☒ 04 / Other ☐ ____
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ ____

4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ ____
Pure Gold Bentonite Chips 3/4"

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 32
c. Pure Gold Bentonite Chips / Other ☐ ____

7. Fine sand material: Manufacturer, product name & mesh size
a. Red Flint 4000 fine
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint 1020 Course
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ ____

10. Screen material: Sch 40 PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ ____
Sch 40 PVC
b. Manufacturer Monoflex
c. Slot size: 0.010 in.
d. Slotted length: 5.00 ft.

11. Backfill material (below filter pack): None ☒ 14 / Other ☐ ____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
Sarah Ganswindt	LF Green Development

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

APPENDIX B

Soil Laboratory Analytical Results

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

July 12, 2023

Linda Fellenz
LF Green Development
5600 W Brown Deer Road
Suite 104
Milwaukee, WI 53223

RE: Project: DF
Pace Project No.: 40264454

Dear Linda Fellenz:

Enclosed are the analytical results for sample(s) received by the laboratory on June 29, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela Lane
angela.lane@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Sarah Ganswindt, LF Green Development, LLC
Kate Juno, LF Green Development

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: DF
Pace Project No.: 40264454

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-21-8
Virginia VELAP Certification ID: 11873
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-21-00008
Federal Fish & Wildlife Permit #: 51774A

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: DF
Pace Project No.: 40264454

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40264454001	**PMW19 2-4**	Solid	06/27/23 10:30	06/29/23 08:45
40264454002	**PMW19 8-10**	Solid	06/27/23 10:45	06/29/23 08:45
40264454003	**LFSB1 2-3**	Solid	06/27/23 13:00	06/29/23 08:45
40264454004	**LFSB1 4-5**	Solid	06/27/23 13:15	06/29/23 08:45
40264454005	**LFSB2 2-3**	Solid	06/27/23 13:20	06/29/23 08:45
40264454006	**LFSB2 4-5**	Solid	06/27/23 13:30	06/29/23 08:45
40264454007	**LFSB3 2-3**	Solid	06/27/23 13:40	06/29/23 08:45
40264454008	**LFSB3 4-5**	Solid	06/27/23 13:45	06/29/23 08:45
40264454009	**LFSB4 2-3**	Solid	06/27/23 13:55	06/29/23 08:45
40264454010	**LFSB4 4-5**	Solid	06/27/23 14:05	06/29/23 08:45

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: DF
Pace Project No.: 40264454

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40264454001	**PMW19 2-4**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SRG	1	PASI-G
40264454002	**PMW19 8-10**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SRG	1	PASI-G
40264454003	**LFSB1 2-3**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SRG	1	PASI-G
40264454004	**LFSB1 4-5**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SRG	1	PASI-G
40264454005	**LFSB2 2-3**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SRG	1	PASI-G
40264454006	**LFSB2 4-5**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SRG	1	PASI-G
40264454007	**LFSB3 2-3**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SRG	1	PASI-G
40264454008	**LFSB3 4-5**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: DF
Pace Project No.: 40264454

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SRG	1	PASI-G
40264454009	**LFSB4 2-3**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	YER	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SRG	1	PASI-G
40264454010	**LFSB4 4-5**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	YER	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SRG	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: PMW19 2-4 **Lab ID: 40264454001** Collected: 06/27/23 10:30 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**<3.0**	mg/kg	5.2	3.0	2	06/30/23 06:26	07/05/23 11:52	7440-38-2	D3
Barium	**25.3**	mg/kg	1.0	0.31	2	06/30/23 06:26	07/05/23 11:52	7440-39-3	
Cadmium	**<0.27**	mg/kg	1.0	0.27	2	06/30/23 06:26	07/05/23 11:52	7440-43-9	D3
Chromium	**12.0**	mg/kg	2.1	0.57	2	06/30/23 06:26	07/05/23 11:52	7440-47-3	
Lead	**31.3**	mg/kg	4.1	1.2	2	06/30/23 06:26	07/05/23 11:52	7439-92-1	
Selenium	**<2.7**	mg/kg	8.3	2.7	2	06/30/23 06:26	07/05/23 11:52	7782-49-2	D3
Silver	**<0.63**	mg/kg	2.1	0.63	2	06/30/23 06:26	07/05/23 11:52	7440-22-4	D3
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.035J**	mg/kg	0.036	0.010	1	07/06/23 08:45	07/07/23 10:24	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**5.8J**	ug/kg	18.9	2.5	1	07/10/23 09:05	07/10/23 21:07	83-32-9	
Acenaphthylene	**<2.4**	ug/kg	18.9	2.4	1	07/10/23 09:05	07/10/23 21:07	208-96-8	
Anthracene	**11.9J**	ug/kg	18.9	2.3	1	07/10/23 09:05	07/10/23 21:07	120-12-7	
Benzo(a)anthracene	**153**	ug/kg	18.9	2.4	1	07/10/23 09:05	07/10/23 21:07	56-55-3	
Benzo(a)pyrene	**264**	ug/kg	18.9	2.1	1	07/10/23 09:05	07/10/23 21:07	50-32-8	
Benzo(b)fluoranthene	**377**	ug/kg	18.9	2.6	1	07/10/23 09:05	07/10/23 21:07	205-99-2	
Benzo(g,h,i)perylene	**221**	ug/kg	18.9	3.3	1	07/10/23 09:05	07/10/23 21:07	191-24-2	
Benzo(k)fluoranthene	**118**	ug/kg	18.9	2.4	1	07/10/23 09:05	07/10/23 21:07	207-08-9	
Chrysene	**171**	ug/kg	18.9	3.6	1	07/10/23 09:05	07/10/23 21:07	218-01-9	
Dibenz(a,h)anthracene	**58.2**	ug/kg	18.9	2.6	1	07/10/23 09:05	07/10/23 21:07	53-70-3	
Fluoranthene	**175**	ug/kg	18.9	2.2	1	07/10/23 09:05	07/10/23 21:07	206-44-0	
Fluorene	**3.3J**	ug/kg	18.9	2.3	1	07/10/23 09:05	07/10/23 21:07	86-73-7	
Indeno(1,2,3-cd)pyrene	**176**	ug/kg	18.9	3.9	1	07/10/23 09:05	07/10/23 21:07	193-39-5	
1-Methylnaphthalene	**6.0J**	ug/kg	18.9	2.8	1	07/10/23 09:05	07/10/23 21:07	90-12-0	
2-Methylnaphthalene	**10.4J**	ug/kg	18.9	2.8	1	07/10/23 09:05	07/10/23 21:07	91-57-6	
Naphthalene	**21.0**	ug/kg	18.9	1.8	1	07/10/23 09:05	07/10/23 21:07	91-20-3	
Phenanthrene	**55.3**	ug/kg	18.9	2.2	1	07/10/23 09:05	07/10/23 21:07	85-01-8	
Pyrene	**207**	ug/kg	18.9	2.8	1	07/10/23 09:05	07/10/23 21:07	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	76	%	41-98		1	07/10/23 09:05	07/10/23 21:07	321-60-8	
Terphenyl-d14 (S)	108	%	37-106		1	07/10/23 09:05	07/10/23 21:07	1718-51-0	1q,S0
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<15.0**	ug/kg	25.3	15.0	1	06/30/23 07:00	07/03/23 14:13	71-43-2	
Bromobenzene	**<24.6**	ug/kg	63.2	24.6	1	06/30/23 07:00	07/03/23 14:13	108-86-1	
Bromochloromethane	**<17.3**	ug/kg	63.2	17.3	1	06/30/23 07:00	07/03/23 14:13	74-97-5	
Bromodichloromethane	**<15.0**	ug/kg	63.2	15.0	1	06/30/23 07:00	07/03/23 14:13	75-27-4	
Bromoform	**<278**	ug/kg	316	278	1	06/30/23 07:00	07/03/23 14:13	75-25-2	
Bromomethane	**<88.6**	ug/kg	316	88.6	1	06/30/23 07:00	07/03/23 14:13	74-83-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: PMW19 2-4 **Lab ID: 40264454001** Collected: 06/27/23 10:30 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
n-Butylbenzene	**<28.9**	ug/kg	63.2	28.9	1	06/30/23 07:00	07/03/23 14:13	104-51-8	
sec-Butylbenzene	**<15.4**	ug/kg	63.2	15.4	1	06/30/23 07:00	07/03/23 14:13	135-98-8	
tert-Butylbenzene	**<19.8**	ug/kg	63.2	19.8	1	06/30/23 07:00	07/03/23 14:13	98-06-6	
Carbon tetrachloride	**<13.9**	ug/kg	63.2	13.9	1	06/30/23 07:00	07/03/23 14:13	56-23-5	
Chlorobenzene	**<7.6**	ug/kg	63.2	7.6	1	06/30/23 07:00	07/03/23 14:13	108-90-7	
Chloroethane	**<26.7**	ug/kg	316	26.7	1	06/30/23 07:00	07/03/23 14:13	75-00-3	
Chloroform	**<45.2**	ug/kg	316	45.2	1	06/30/23 07:00	07/03/23 14:13	67-66-3	
Chloromethane	**<24.0**	ug/kg	63.2	24.0	1	06/30/23 07:00	07/03/23 14:13	74-87-3	
2-Chlorotoluene	**<20.5**	ug/kg	63.2	20.5	1	06/30/23 07:00	07/03/23 14:13	95-49-8	
4-Chlorotoluene	**<24.0**	ug/kg	63.2	24.0	1	06/30/23 07:00	07/03/23 14:13	106-43-4	
1,2-Dibromo-3-chloropropane	**<49.0**	ug/kg	316	49.0	1	06/30/23 07:00	07/03/23 14:13	96-12-8	
Dibromochloromethane	**<216**	ug/kg	316	216	1	06/30/23 07:00	07/03/23 14:13	124-48-1	
1,2-Dibromoethane (EDB)	**<17.3**	ug/kg	63.2	17.3	1	06/30/23 07:00	07/03/23 14:13	106-93-4	
Dibromomethane	**<18.7**	ug/kg	63.2	18.7	1	06/30/23 07:00	07/03/23 14:13	74-95-3	
1,2-Dichlorobenzene	**<19.6**	ug/kg	63.2	19.6	1	06/30/23 07:00	07/03/23 14:13	95-50-1	
1,3-Dichlorobenzene	**<17.3**	ug/kg	63.2	17.3	1	06/30/23 07:00	07/03/23 14:13	541-73-1	
1,4-Dichlorobenzene	**<17.3**	ug/kg	63.2	17.3	1	06/30/23 07:00	07/03/23 14:13	106-46-7	
Dichlorodifluoromethane	**<27.2**	ug/kg	63.2	27.2	1	06/30/23 07:00	07/03/23 14:13	75-71-8	
1,1-Dichloroethane	**<16.2**	ug/kg	63.2	16.2	1	06/30/23 07:00	07/03/23 14:13	75-34-3	
1,2-Dichloroethane	**<14.5**	ug/kg	63.2	14.5	1	06/30/23 07:00	07/03/23 14:13	107-06-2	
1,1-Dichloroethene	**<21.0**	ug/kg	63.2	21.0	1	06/30/23 07:00	07/03/23 14:13	75-35-4	
cis-1,2-Dichloroethene	**<13.5**	ug/kg	63.2	13.5	1	06/30/23 07:00	07/03/23 14:13	156-59-2	
trans-1,2-Dichloroethene	**<13.6**	ug/kg	63.2	13.6	1	06/30/23 07:00	07/03/23 14:13	156-60-5	
1,2-Dichloropropane	**<15.0**	ug/kg	63.2	15.0	1	06/30/23 07:00	07/03/23 14:13	78-87-5	
1,3-Dichloropropane	**<13.8**	ug/kg	63.2	13.8	1	06/30/23 07:00	07/03/23 14:13	142-28-9	
2,2-Dichloropropane	**<17.1**	ug/kg	63.2	17.1	1	06/30/23 07:00	07/03/23 14:13	594-20-7	
1,1-Dichloropropene	**<20.5**	ug/kg	63.2	20.5	1	06/30/23 07:00	07/03/23 14:13	563-58-6	
cis-1,3-Dichloropropene	**<41.7**	ug/kg	316	41.7	1	06/30/23 07:00	07/03/23 14:13	10061-01-5	
trans-1,3-Dichloropropene	**<181**	ug/kg	316	181	1	06/30/23 07:00	07/03/23 14:13	10061-02-6	
Diisopropyl ether	**<15.7**	ug/kg	63.2	15.7	1	06/30/23 07:00	07/03/23 14:13	108-20-3	
Ethylbenzene	**<15.0**	ug/kg	63.2	15.0	1	06/30/23 07:00	07/03/23 14:13	100-41-4	
Hexachloro-1,3-butadiene	**<126**	ug/kg	316	126	1	06/30/23 07:00	07/03/23 14:13	87-68-3	
Isopropylbenzene (Cumene)	**<17.1**	ug/kg	63.2	17.1	1	06/30/23 07:00	07/03/23 14:13	98-82-8	
p-Isopropyltoluene	**<19.2**	ug/kg	63.2	19.2	1	06/30/23 07:00	07/03/23 14:13	99-87-6	
Methylene Chloride	**<17.6**	ug/kg	63.2	17.6	1	06/30/23 07:00	07/03/23 14:13	75-09-2	
Methyl-tert-butyl ether	**<18.6**	ug/kg	63.2	18.6	1	06/30/23 07:00	07/03/23 14:13	1634-04-4	
Naphthalene	**<19.7**	ug/kg	316	19.7	1	06/30/23 07:00	07/03/23 14:13	91-20-3	
n-Propylbenzene	**<15.2**	ug/kg	63.2	15.2	1	06/30/23 07:00	07/03/23 14:13	103-65-1	
Styrene	**<16.2**	ug/kg	63.2	16.2	1	06/30/23 07:00	07/03/23 14:13	100-42-5	
1,1,1,2-Tetrachloroethane	**<15.2**	ug/kg	63.2	15.2	1	06/30/23 07:00	07/03/23 14:13	630-20-6	
1,1,2,2-Tetrachloroethane	**<22.9**	ug/kg	63.2	22.9	1	06/30/23 07:00	07/03/23 14:13	79-34-5	
Tetrachloroethene	**<24.5**	ug/kg	63.2	24.5	1	06/30/23 07:00	07/03/23 14:13	127-18-4	
Toluene	**<15.9**	ug/kg	63.2	15.9	1	06/30/23 07:00	07/03/23 14:13	108-88-3	
1,2,3-Trichlorobenzene	**<70.4**	ug/kg	316	70.4	1	06/30/23 07:00	07/03/23 14:13	87-61-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: PMW19 2-4 **Lab ID: 40264454001** Collected: 06/27/23 10:30 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,2,4-Trichlorobenzene	**<52.0**	ug/kg	316	52.0	1	06/30/23 07:00	07/03/23 14:13	120-82-1	
1,1,1-Trichloroethane	**<16.2**	ug/kg	63.2	16.2	1	06/30/23 07:00	07/03/23 14:13	71-55-6	
1,1,2-Trichloroethane	**<23.0**	ug/kg	63.2	23.0	1	06/30/23 07:00	07/03/23 14:13	79-00-5	
Trichloroethene	**175**	ug/kg	63.2	23.6	1	06/30/23 07:00	07/03/23 14:13	79-01-6	
Trichlorofluoromethane	**<18.3**	ug/kg	63.2	18.3	1	06/30/23 07:00	07/03/23 14:13	75-69-4	
1,2,3-Trichloropropane	**<30.7**	ug/kg	63.2	30.7	1	06/30/23 07:00	07/03/23 14:13	96-18-4	
1,2,4-Trimethylbenzene	**<18.8**	ug/kg	63.2	18.8	1	06/30/23 07:00	07/03/23 14:13	95-63-6	
1,3,5-Trimethylbenzene	**<20.3**	ug/kg	63.2	20.3	1	06/30/23 07:00	07/03/23 14:13	108-67-8	
Vinyl chloride	**<12.8**	ug/kg	63.2	12.8	1	06/30/23 07:00	07/03/23 14:13	75-01-4	
m&p-Xylene	**<26.7**	ug/kg	126	26.7	1	06/30/23 07:00	07/03/23 14:13	179601-23-1	
o-Xylene	**<18.9**	ug/kg	63.2	18.9	1	06/30/23 07:00	07/03/23 14:13	95-47-6	
Surrogates									
Toluene-d8 (S)	133	%	69-153		1	06/30/23 07:00	07/03/23 14:13	2037-26-5	
4-Bromofluorobenzene (S)	132	%	68-156		1	06/30/23 07:00	07/03/23 14:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	143	%	71-161		1	06/30/23 07:00	07/03/23 14:13	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**11.6**	%	0.10	0.10	1		06/29/23 15:20		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: PMW19 8-10 **Lab ID: 40264454002** Collected: 06/27/23 10:45 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**<1.7**	mg/kg	2.8	1.7	1	06/30/23 06:26	07/03/23 14:19	7440-38-2	
Barium	**43.2**	mg/kg	0.57	0.17	1	06/30/23 06:26	07/03/23 14:19	7440-39-3	
Cadmium	**0.34J**	mg/kg	0.57	0.15	1	06/30/23 06:26	07/03/23 14:19	7440-43-9	
Chromium	**18.6**	mg/kg	1.1	0.32	1	06/30/23 06:26	07/03/23 14:19	7440-47-3	
Lead	**10.2**	mg/kg	2.3	0.68	1	06/30/23 06:26	07/03/23 14:19	7439-92-1	
Selenium	**<1.5**	mg/kg	4.5	1.5	1	06/30/23 06:26	07/03/23 14:19	7782-49-2	
Silver	**<0.35**	mg/kg	1.1	0.35	1	06/30/23 06:26	07/03/23 14:19	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.049**	mg/kg	0.040	0.012	1	07/06/23 08:45	07/07/23 10:27	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**12.6J**	ug/kg	50.4	6.5	2.5	07/10/23 09:05	07/10/23 21:24	83-32-9	
Acenaphthylene	**<6.4**	ug/kg	50.4	6.4	2.5	07/10/23 09:05	07/10/23 21:24	208-96-8	
Anthracene	**21.4J**	ug/kg	50.4	6.3	2.5	07/10/23 09:05	07/10/23 21:24	120-12-7	
Benzo(a)anthracene	**355**	ug/kg	50.4	6.5	2.5	07/10/23 09:05	07/10/23 21:24	56-55-3	
Benzo(a)pyrene	**619**	ug/kg	50.4	5.7	2.5	07/10/23 09:05	07/10/23 21:24	50-32-8	
Benzo(b)fluoranthene	**745**	ug/kg	50.4	7.0	2.5	07/10/23 09:05	07/10/23 21:24	205-99-2	
Benzo(g,h,i)perylene	**488**	ug/kg	50.4	8.8	2.5	07/10/23 09:05	07/10/23 21:24	191-24-2	
Benzo(k)fluoranthene	**347**	ug/kg	50.4	6.4	2.5	07/10/23 09:05	07/10/23 21:24	207-08-9	
Chrysene	**386**	ug/kg	50.4	9.5	2.5	07/10/23 09:05	07/10/23 21:24	218-01-9	
Dibenz(a,h)anthracene	**125**	ug/kg	50.4	7.0	2.5	07/10/23 09:05	07/10/23 21:24	53-70-3	
Fluoranthene	**423**	ug/kg	50.4	6.0	2.5	07/10/23 09:05	07/10/23 21:24	206-44-0	
Fluorene	**6.7J**	ug/kg	50.4	6.0	2.5	07/10/23 09:05	07/10/23 21:24	86-73-7	
Indeno(1,2,3-cd)pyrene	**385**	ug/kg	50.4	10.5	2.5	07/10/23 09:05	07/10/23 21:24	193-39-5	
1-Methylnaphthalene	**12.0J**	ug/kg	50.4	7.4	2.5	07/10/23 09:05	07/10/23 21:24	90-12-0	
2-Methylnaphthalene	**20.9J**	ug/kg	50.4	7.4	2.5	07/10/23 09:05	07/10/23 21:24	91-57-6	
Naphthalene	**34.5J**	ug/kg	50.4	4.9	2.5	07/10/23 09:05	07/10/23 21:24	91-20-3	
Phenanthrene	**118**	ug/kg	50.4	5.8	2.5	07/10/23 09:05	07/10/23 21:24	85-01-8	
Pyrene	**444**	ug/kg	50.4	7.4	2.5	07/10/23 09:05	07/10/23 21:24	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	77	%	41-98		2.5	07/10/23 09:05	07/10/23 21:24	321-60-8	
Terphenyl-d14 (S)	76	%	37-106		2.5	07/10/23 09:05	07/10/23 21:24	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<16.8**	ug/kg	28.2	16.8	1	06/30/23 07:00	07/03/23 14:33	71-43-2	
Bromobenzene	**<27.5**	ug/kg	70.6	27.5	1	06/30/23 07:00	07/03/23 14:33	108-86-1	
Bromochloromethane	**<19.4**	ug/kg	70.6	19.4	1	06/30/23 07:00	07/03/23 14:33	74-97-5	
Bromodichloromethane	**<16.8**	ug/kg	70.6	16.8	1	06/30/23 07:00	07/03/23 14:33	75-27-4	
Bromoform	**<311**	ug/kg	353	311	1	06/30/23 07:00	07/03/23 14:33	75-25-2	
Bromomethane	**<99.0**	ug/kg	353	99.0	1	06/30/23 07:00	07/03/23 14:33	74-83-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: PMW19 8-10 **Lab ID: 40264454002** Collected: 06/27/23 10:45 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
n-Butylbenzene	**<32.3**	ug/kg	70.6	32.3	1	06/30/23 07:00	07/03/23 14:33	104-51-8	
sec-Butylbenzene	**<17.2**	ug/kg	70.6	17.2	1	06/30/23 07:00	07/03/23 14:33	135-98-8	
tert-Butylbenzene	**<22.2**	ug/kg	70.6	22.2	1	06/30/23 07:00	07/03/23 14:33	98-06-6	
Carbon tetrachloride	**<15.5**	ug/kg	70.6	15.5	1	06/30/23 07:00	07/03/23 14:33	56-23-5	
Chlorobenzene	**<8.5**	ug/kg	70.6	8.5	1	06/30/23 07:00	07/03/23 14:33	108-90-7	
Chloroethane	**<29.8**	ug/kg	353	29.8	1	06/30/23 07:00	07/03/23 14:33	75-00-3	
Chloroform	**<50.6**	ug/kg	353	50.6	1	06/30/23 07:00	07/03/23 14:33	67-66-3	
Chloromethane	**<26.8**	ug/kg	70.6	26.8	1	06/30/23 07:00	07/03/23 14:33	74-87-3	
2-Chlorotoluene	**<22.9**	ug/kg	70.6	22.9	1	06/30/23 07:00	07/03/23 14:33	95-49-8	
4-Chlorotoluene	**<26.8**	ug/kg	70.6	26.8	1	06/30/23 07:00	07/03/23 14:33	106-43-4	
1,2-Dibromo-3-chloropropane	**<54.8**	ug/kg	353	54.8	1	06/30/23 07:00	07/03/23 14:33	96-12-8	
Dibromochloromethane	**<241**	ug/kg	353	241	1	06/30/23 07:00	07/03/23 14:33	124-48-1	
1,2-Dibromoethane (EDB)	**<19.4**	ug/kg	70.6	19.4	1	06/30/23 07:00	07/03/23 14:33	106-93-4	
Dibromomethane	**<20.9**	ug/kg	70.6	20.9	1	06/30/23 07:00	07/03/23 14:33	74-95-3	
1,2-Dichlorobenzene	**<21.9**	ug/kg	70.6	21.9	1	06/30/23 07:00	07/03/23 14:33	95-50-1	
1,3-Dichlorobenzene	**<19.4**	ug/kg	70.6	19.4	1	06/30/23 07:00	07/03/23 14:33	541-73-1	
1,4-Dichlorobenzene	**<19.4**	ug/kg	70.6	19.4	1	06/30/23 07:00	07/03/23 14:33	106-46-7	
Dichlorodifluoromethane	**<30.4**	ug/kg	70.6	30.4	1	06/30/23 07:00	07/03/23 14:33	75-71-8	
1,1-Dichloroethane	**<18.1**	ug/kg	70.6	18.1	1	06/30/23 07:00	07/03/23 14:33	75-34-3	
1,2-Dichloroethane	**<16.2**	ug/kg	70.6	16.2	1	06/30/23 07:00	07/03/23 14:33	107-06-2	
1,1-Dichloroethene	**<23.4**	ug/kg	70.6	23.4	1	06/30/23 07:00	07/03/23 14:33	75-35-4	
cis-1,2-Dichloroethene	**<15.1**	ug/kg	70.6	15.1	1	06/30/23 07:00	07/03/23 14:33	156-59-2	
trans-1,2-Dichloroethene	**<15.3**	ug/kg	70.6	15.3	1	06/30/23 07:00	07/03/23 14:33	156-60-5	
1,2-Dichloropropane	**<16.8**	ug/kg	70.6	16.8	1	06/30/23 07:00	07/03/23 14:33	78-87-5	
1,3-Dichloropropane	**<15.4**	ug/kg	70.6	15.4	1	06/30/23 07:00	07/03/23 14:33	142-28-9	
2,2-Dichloropropane	**<19.1**	ug/kg	70.6	19.1	1	06/30/23 07:00	07/03/23 14:33	594-20-7	
1,1-Dichloropropene	**<22.9**	ug/kg	70.6	22.9	1	06/30/23 07:00	07/03/23 14:33	563-58-6	
cis-1,3-Dichloropropene	**<46.6**	ug/kg	353	46.6	1	06/30/23 07:00	07/03/23 14:33	10061-01-5	
trans-1,3-Dichloropropene	**<202**	ug/kg	353	202	1	06/30/23 07:00	07/03/23 14:33	10061-02-6	
Diisopropyl ether	**<17.5**	ug/kg	70.6	17.5	1	06/30/23 07:00	07/03/23 14:33	108-20-3	
Ethylbenzene	**18.4J**	ug/kg	70.6	16.8	1	06/30/23 07:00	07/03/23 14:33	100-41-4	
Hexachloro-1,3-butadiene	**<140**	ug/kg	353	140	1	06/30/23 07:00	07/03/23 14:33	87-68-3	
Isopropylbenzene (Cumene)	**<19.1**	ug/kg	70.6	19.1	1	06/30/23 07:00	07/03/23 14:33	98-82-8	
p-Isopropyltoluene	**<21.5**	ug/kg	70.6	21.5	1	06/30/23 07:00	07/03/23 14:33	99-87-6	
Methylene Chloride	**<19.6**	ug/kg	70.6	19.6	1	06/30/23 07:00	07/03/23 14:33	75-09-2	
Methyl-tert-butyl ether	**<20.8**	ug/kg	70.6	20.8	1	06/30/23 07:00	07/03/23 14:33	1634-04-4	
Naphthalene	**<22.0**	ug/kg	353	22.0	1	06/30/23 07:00	07/03/23 14:33	91-20-3	
n-Propylbenzene	**<16.9**	ug/kg	70.6	16.9	1	06/30/23 07:00	07/03/23 14:33	103-65-1	
Styrene	**<18.1**	ug/kg	70.6	18.1	1	06/30/23 07:00	07/03/23 14:33	100-42-5	
1,1,1,2-Tetrachloroethane	**<16.9**	ug/kg	70.6	16.9	1	06/30/23 07:00	07/03/23 14:33	630-20-6	
1,1,2,2-Tetrachloroethane	**<25.6**	ug/kg	70.6	25.6	1	06/30/23 07:00	07/03/23 14:33	79-34-5	
Tetrachloroethene	**<27.4**	ug/kg	70.6	27.4	1	06/30/23 07:00	07/03/23 14:33	127-18-4	
Toluene	**<17.8**	ug/kg	70.6	17.8	1	06/30/23 07:00	07/03/23 14:33	108-88-3	
1,2,3-Trichlorobenzene	**<78.7**	ug/kg	353	78.7	1	06/30/23 07:00	07/03/23 14:33	87-61-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: PMW19 8-10 **Lab ID: 40264454002** Collected: 06/27/23 10:45 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,2,4-Trichlorobenzene	**<58.2**	ug/kg	353	58.2	1	06/30/23 07:00	07/03/23 14:33	120-82-1	
1,1,1-Trichloroethane	**<18.1**	ug/kg	70.6	18.1	1	06/30/23 07:00	07/03/23 14:33	71-55-6	
1,1,2-Trichloroethane	**<25.7**	ug/kg	70.6	25.7	1	06/30/23 07:00	07/03/23 14:33	79-00-5	
Trichloroethene	**302**	ug/kg	70.6	26.4	1	06/30/23 07:00	07/03/23 14:33	79-01-6	
Trichlorofluoromethane	**<20.5**	ug/kg	70.6	20.5	1	06/30/23 07:00	07/03/23 14:33	75-69-4	
1,2,3-Trichloropropane	**<34.3**	ug/kg	70.6	34.3	1	06/30/23 07:00	07/03/23 14:33	96-18-4	
1,2,4-Trimethylbenzene	**<21.0**	ug/kg	70.6	21.0	1	06/30/23 07:00	07/03/23 14:33	95-63-6	
1,3,5-Trimethylbenzene	**<22.7**	ug/kg	70.6	22.7	1	06/30/23 07:00	07/03/23 14:33	108-67-8	
Vinyl chloride	**<14.3**	ug/kg	70.6	14.3	1	06/30/23 07:00	07/03/23 14:33	75-01-4	
m&p-Xylene	**46.6J**	ug/kg	141	29.8	1	06/30/23 07:00	07/03/23 14:33	179601-23-1	
o-Xylene	**<21.2**	ug/kg	70.6	21.2	1	06/30/23 07:00	07/03/23 14:33	95-47-6	
Surrogates									
Toluene-d8 (S)	139	%	69-153		1	06/30/23 07:00	07/03/23 14:33	2037-26-5	
4-Bromofluorobenzene (S)	125	%	68-156		1	06/30/23 07:00	07/03/23 14:33	460-00-4	
1,2-Dichlorobenzene-d4 (S)	141	%	71-161		1	06/30/23 07:00	07/03/23 14:33	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**17.1**	%	0.10	0.10	1		06/29/23 15:20		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB1 2-3 **Lab ID: 40264454003** Collected: 06/27/23 13:00 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**6.4**	mg/kg	2.7	1.6	1	06/30/23 06:26	07/03/23 14:21	7440-38-2	
Barium	**112**	mg/kg	0.54	0.16	1	06/30/23 06:26	07/03/23 14:21	7440-39-3	
Cadmium	**3.8**	mg/kg	0.54	0.14	1	06/30/23 06:26	07/03/23 14:21	7440-43-9	
Chromium	**55.5**	mg/kg	1.1	0.30	1	06/30/23 06:26	07/03/23 14:21	7440-47-3	
Lead	**216**	mg/kg	2.2	0.65	1	06/30/23 06:26	07/03/23 14:21	7439-92-1	
Selenium	**<1.4**	mg/kg	4.3	1.4	1	06/30/23 06:26	07/03/23 14:21	7782-49-2	
Silver	**2.4**	mg/kg	1.1	0.33	1	06/30/23 06:26	07/03/23 14:21	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.51**	mg/kg	0.039	0.011	1	07/06/23 08:45	07/07/23 10:29	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**11.9J**	ug/kg	19.2	2.5	1	07/10/23 09:05	07/10/23 21:42	83-32-9	
Acenaphthylene	**68.2**	ug/kg	19.2	2.4	1	07/10/23 09:05	07/10/23 21:42	208-96-8	
Anthracene	**68.7**	ug/kg	19.2	2.4	1	07/10/23 09:05	07/10/23 21:42	120-12-7	
Benzo(a)anthracene	**205**	ug/kg	19.2	2.5	1	07/10/23 09:05	07/10/23 21:42	56-55-3	
Benzo(a)pyrene	**254**	ug/kg	19.2	2.2	1	07/10/23 09:05	07/10/23 21:42	50-32-8	
Benzo(b)fluoranthene	**431**	ug/kg	19.2	2.7	1	07/10/23 09:05	07/10/23 21:42	205-99-2	
Benzo(g,h,i)perylene	**158**	ug/kg	19.2	3.4	1	07/10/23 09:05	07/10/23 21:42	191-24-2	
Benzo(k)fluoranthene	**182**	ug/kg	19.2	2.5	1	07/10/23 09:05	07/10/23 21:42	207-08-9	
Chrysene	**260**	ug/kg	19.2	3.6	1	07/10/23 09:05	07/10/23 21:42	218-01-9	
Dibenz(a,h)anthracene	**50.1**	ug/kg	19.2	2.7	1	07/10/23 09:05	07/10/23 21:42	53-70-3	
Fluoranthene	**454**	ug/kg	19.2	2.3	1	07/10/23 09:05	07/10/23 21:42	206-44-0	
Fluorene	**13.9J**	ug/kg	19.2	2.3	1	07/10/23 09:05	07/10/23 21:42	86-73-7	
Indeno(1,2,3-cd)pyrene	**147**	ug/kg	19.2	4.0	1	07/10/23 09:05	07/10/23 21:42	193-39-5	
1-Methylnaphthalene	**6.4J**	ug/kg	19.2	2.8	1	07/10/23 09:05	07/10/23 21:42	90-12-0	
2-Methylnaphthalene	**9.5J**	ug/kg	19.2	2.8	1	07/10/23 09:05	07/10/23 21:42	91-57-6	
Naphthalene	**19.2J**	ug/kg	19.2	1.9	1	07/10/23 09:05	07/10/23 21:42	91-20-3	
Phenanthrene	**182**	ug/kg	19.2	2.2	1	07/10/23 09:05	07/10/23 21:42	85-01-8	
Pyrene	**343**	ug/kg	19.2	2.8	1	07/10/23 09:05	07/10/23 21:42	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	70	%	41-98		1	07/10/23 09:05	07/10/23 21:42	321-60-8	
Terphenyl-d14 (S)	71	%	37-106		1	07/10/23 09:05	07/10/23 21:42	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<15.8**	ug/kg	26.5	15.8	1	06/30/23 07:00	07/03/23 14:53	71-43-2	
Bromobenzene	**<25.9**	ug/kg	66.4	25.9	1	06/30/23 07:00	07/03/23 14:53	108-86-1	
Bromochloromethane	**<18.2**	ug/kg	66.4	18.2	1	06/30/23 07:00	07/03/23 14:53	74-97-5	
Bromodichloromethane	**<15.8**	ug/kg	66.4	15.8	1	06/30/23 07:00	07/03/23 14:53	75-27-4	
Bromoform	**<292**	ug/kg	332	292	1	06/30/23 07:00	07/03/23 14:53	75-25-2	
Bromomethane	**<93.1**	ug/kg	332	93.1	1	06/30/23 07:00	07/03/23 14:53	74-83-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB1 2-3 **Lab ID: 40264454003** Collected: 06/27/23 13:00 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
n-Butylbenzene	**<30.4**	ug/kg	66.4	30.4	1	06/30/23 07:00	07/03/23 14:53	104-51-8	
sec-Butylbenzene	**<16.2**	ug/kg	66.4	16.2	1	06/30/23 07:00	07/03/23 14:53	135-98-8	
tert-Butylbenzene	**<20.8**	ug/kg	66.4	20.8	1	06/30/23 07:00	07/03/23 14:53	98-06-6	
Carbon tetrachloride	**<14.6**	ug/kg	66.4	14.6	1	06/30/23 07:00	07/03/23 14:53	56-23-5	
Chlorobenzene	**<8.0**	ug/kg	66.4	8.0	1	06/30/23 07:00	07/03/23 14:53	108-90-7	
Chloroethane	**<28.0**	ug/kg	332	28.0	1	06/30/23 07:00	07/03/23 14:53	75-00-3	
Chloroform	**<47.5**	ug/kg	332	47.5	1	06/30/23 07:00	07/03/23 14:53	67-66-3	
Chloromethane	**<25.2**	ug/kg	66.4	25.2	1	06/30/23 07:00	07/03/23 14:53	74-87-3	
2-Chlorotoluene	**<21.5**	ug/kg	66.4	21.5	1	06/30/23 07:00	07/03/23 14:53	95-49-8	
4-Chlorotoluene	**<25.2**	ug/kg	66.4	25.2	1	06/30/23 07:00	07/03/23 14:53	106-43-4	
1,2-Dibromo-3-chloropropane	**<51.5**	ug/kg	332	51.5	1	06/30/23 07:00	07/03/23 14:53	96-12-8	
Dibromochloromethane	**<227**	ug/kg	332	227	1	06/30/23 07:00	07/03/23 14:53	124-48-1	
1,2-Dibromoethane (EDB)	**<18.2**	ug/kg	66.4	18.2	1	06/30/23 07:00	07/03/23 14:53	106-93-4	
Dibromomethane	**<19.6**	ug/kg	66.4	19.6	1	06/30/23 07:00	07/03/23 14:53	74-95-3	
1,2-Dichlorobenzene	**<20.6**	ug/kg	66.4	20.6	1	06/30/23 07:00	07/03/23 14:53	95-50-1	
1,3-Dichlorobenzene	**<18.2**	ug/kg	66.4	18.2	1	06/30/23 07:00	07/03/23 14:53	541-73-1	
1,4-Dichlorobenzene	**<18.2**	ug/kg	66.4	18.2	1	06/30/23 07:00	07/03/23 14:53	106-46-7	
Dichlorodifluoromethane	**<28.5**	ug/kg	66.4	28.5	1	06/30/23 07:00	07/03/23 14:53	75-71-8	
1,1-Dichloroethane	**<17.0**	ug/kg	66.4	17.0	1	06/30/23 07:00	07/03/23 14:53	75-34-3	
1,2-Dichloroethane	**<15.3**	ug/kg	66.4	15.3	1	06/30/23 07:00	07/03/23 14:53	107-06-2	
1,1-Dichloroethene	**<22.0**	ug/kg	66.4	22.0	1	06/30/23 07:00	07/03/23 14:53	75-35-4	
cis-1,2-Dichloroethene	**<14.2**	ug/kg	66.4	14.2	1	06/30/23 07:00	07/03/23 14:53	156-59-2	
trans-1,2-Dichloroethene	**<14.3**	ug/kg	66.4	14.3	1	06/30/23 07:00	07/03/23 14:53	156-60-5	
1,2-Dichloropropane	**<15.8**	ug/kg	66.4	15.8	1	06/30/23 07:00	07/03/23 14:53	78-87-5	
1,3-Dichloropropane	**<14.5**	ug/kg	66.4	14.5	1	06/30/23 07:00	07/03/23 14:53	142-28-9	
2,2-Dichloropropane	**<17.9**	ug/kg	66.4	17.9	1	06/30/23 07:00	07/03/23 14:53	594-20-7	
1,1-Dichloropropene	**<21.5**	ug/kg	66.4	21.5	1	06/30/23 07:00	07/03/23 14:53	563-58-6	
cis-1,3-Dichloropropene	**<43.8**	ug/kg	332	43.8	1	06/30/23 07:00	07/03/23 14:53	10061-01-5	
trans-1,3-Dichloropropene	**<190**	ug/kg	332	190	1	06/30/23 07:00	07/03/23 14:53	10061-02-6	
Diisopropyl ether	**<16.5**	ug/kg	66.4	16.5	1	06/30/23 07:00	07/03/23 14:53	108-20-3	
Ethylbenzene	**48.5J**	ug/kg	66.4	15.8	1	06/30/23 07:00	07/03/23 14:53	100-41-4	
Hexachloro-1,3-butadiene	**<132**	ug/kg	332	132	1	06/30/23 07:00	07/03/23 14:53	87-68-3	
Isopropylbenzene (Cumene)	**<17.9**	ug/kg	66.4	17.9	1	06/30/23 07:00	07/03/23 14:53	98-82-8	
p-Isopropyltoluene	**<20.2**	ug/kg	66.4	20.2	1	06/30/23 07:00	07/03/23 14:53	99-87-6	
Methylene Chloride	**<18.5**	ug/kg	66.4	18.5	1	06/30/23 07:00	07/03/23 14:53	75-09-2	
Methyl-tert-butyl ether	**<19.5**	ug/kg	66.4	19.5	1	06/30/23 07:00	07/03/23 14:53	1634-04-4	
Naphthalene	**<20.7**	ug/kg	332	20.7	1	06/30/23 07:00	07/03/23 14:53	91-20-3	
n-Propylbenzene	**<15.9**	ug/kg	66.4	15.9	1	06/30/23 07:00	07/03/23 14:53	103-65-1	
Styrene	**<17.0**	ug/kg	66.4	17.0	1	06/30/23 07:00	07/03/23 14:53	100-42-5	
1,1,1,2-Tetrachloroethane	**<15.9**	ug/kg	66.4	15.9	1	06/30/23 07:00	07/03/23 14:53	630-20-6	
1,1,2,2-Tetrachloroethane	**<24.0**	ug/kg	66.4	24.0	1	06/30/23 07:00	07/03/23 14:53	79-34-5	
Tetrachloroethene	**105**	ug/kg	66.4	25.8	1	06/30/23 07:00	07/03/23 14:53	127-18-4	
Toluene	**29.6J**	ug/kg	66.4	16.7	1	06/30/23 07:00	07/03/23 14:53	108-88-3	
1,2,3-Trichlorobenzene	**<73.9**	ug/kg	332	73.9	1	06/30/23 07:00	07/03/23 14:53	87-61-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB1 2-3 **Lab ID: 40264454003** Collected: 06/27/23 13:00 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,2,4-Trichlorobenzene	**<54.7**	ug/kg	332	54.7	1	06/30/23 07:00	07/03/23 14:53	120-82-1	
1,1,1-Trichloroethane	**106**	ug/kg	66.4	17.0	1	06/30/23 07:00	07/03/23 14:53	71-55-6	
1,1,2-Trichloroethane	**<24.2**	ug/kg	66.4	24.2	1	06/30/23 07:00	07/03/23 14:53	79-00-5	
Trichloroethene	**536**	ug/kg	66.4	24.8	1	06/30/23 07:00	07/03/23 14:53	79-01-6	
Trichlorofluoromethane	**48.5J**	ug/kg	66.4	19.2	1	06/30/23 07:00	07/03/23 14:53	75-69-4	
1,2,3-Trichloropropane	**<32.3**	ug/kg	66.4	32.3	1	06/30/23 07:00	07/03/23 14:53	96-18-4	
1,2,4-Trimethylbenzene	**<19.8**	ug/kg	66.4	19.8	1	06/30/23 07:00	07/03/23 14:53	95-63-6	
1,3,5-Trimethylbenzene	**<21.4**	ug/kg	66.4	21.4	1	06/30/23 07:00	07/03/23 14:53	108-67-8	
Vinyl chloride	**<13.4**	ug/kg	66.4	13.4	1	06/30/23 07:00	07/03/23 14:53	75-01-4	
m&p-Xylene	**231**	ug/kg	133	28.0	1	06/30/23 07:00	07/03/23 14:53	179601-23-1	
o-Xylene	**119**	ug/kg	66.4	19.9	1	06/30/23 07:00	07/03/23 14:53	95-47-6	
Surrogates									
Toluene-d8 (S)	135	%	69-153		1	06/30/23 07:00	07/03/23 14:53	2037-26-5	
4-Bromofluorobenzene (S)	131	%	68-156		1	06/30/23 07:00	07/03/23 14:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	140	%	71-161		1	06/30/23 07:00	07/03/23 14:53	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**13.2**	%	0.10	0.10	1		06/29/23 15:53		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB1 4-5 **Lab ID: 40264454004** Collected: 06/27/23 13:15 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**2.8**	mg/kg	2.7	1.6	1	06/30/23 06:26	07/03/23 14:23	7440-38-2	
Barium	**54.6**	mg/kg	0.55	0.16	1	06/30/23 06:26	07/03/23 14:23	7440-39-3	
Cadmium	**3.4**	mg/kg	0.55	0.15	1	06/30/23 06:26	07/03/23 14:23	7440-43-9	
Chromium	**28.3**	mg/kg	1.1	0.31	1	06/30/23 06:26	07/03/23 14:23	7440-47-3	
Lead	**10.5**	mg/kg	2.2	0.66	1	06/30/23 06:26	07/03/23 14:23	7439-92-1	
Selenium	**<1.4**	mg/kg	4.4	1.4	1	06/30/23 06:26	07/03/23 14:23	7782-49-2	
Silver	**<0.34**	mg/kg	1.1	0.34	1	06/30/23 06:26	07/03/23 14:23	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.28**	mg/kg	0.035	0.010	1	07/06/23 08:45	07/07/23 10:31	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**<2.4**	ug/kg	18.7	2.4	1	07/10/23 09:05	07/11/23 17:20	83-32-9	
Acenaphthylene	**3.1J**	ug/kg	18.7	2.4	1	07/10/23 09:05	07/11/23 17:20	208-96-8	
Anthracene	**3.0J**	ug/kg	18.7	2.3	1	07/10/23 09:05	07/11/23 17:20	120-12-7	
Benzo(a)anthracene	**14.5J**	ug/kg	18.7	2.4	1	07/10/23 09:05	07/11/23 17:20	56-55-3	
Benzo(a)pyrene	**20.5**	ug/kg	18.7	2.1	1	07/10/23 09:05	07/11/23 17:20	50-32-8	
Benzo(b)fluoranthene	**32.3**	ug/kg	18.7	2.6	1	07/10/23 09:05	07/11/23 17:20	205-99-2	
Benzo(g,h,i)perylene	**23.4**	ug/kg	18.7	3.3	1	07/10/23 09:05	07/11/23 17:20	191-24-2	
Benzo(k)fluoranthene	**12.1J**	ug/kg	18.7	2.4	1	07/10/23 09:05	07/11/23 17:20	207-08-9	
Chrysene	**28.5**	ug/kg	18.7	3.5	1	07/10/23 09:05	07/11/23 17:20	218-01-9	
Dibenz(a,h)anthracene	**4.1J**	ug/kg	18.7	2.6	1	07/10/23 09:05	07/11/23 17:20	53-70-3	
Fluoranthene	**39.2**	ug/kg	18.7	2.2	1	07/10/23 09:05	07/11/23 17:20	206-44-0	
Fluorene	**<2.2**	ug/kg	18.7	2.2	1	07/10/23 09:05	07/11/23 17:20	86-73-7	
Indeno(1,2,3-cd)pyrene	**14.4J**	ug/kg	18.7	3.9	1	07/10/23 09:05	07/11/23 17:20	193-39-5	
1-Methylnaphthalene	**<2.7**	ug/kg	18.7	2.7	1	07/10/23 09:05	07/11/23 17:20	90-12-0	
2-Methylnaphthalene	**<2.7**	ug/kg	18.7	2.7	1	07/10/23 09:05	07/11/23 17:20	91-57-6	
Naphthalene	**2.8J**	ug/kg	18.7	1.8	1	07/10/23 09:05	07/11/23 17:20	91-20-3	
Phenanthrene	**18.7**	ug/kg	18.7	2.1	1	07/10/23 09:05	07/11/23 17:20	85-01-8	
Pyrene	**31.9**	ug/kg	18.7	2.7	1	07/10/23 09:05	07/11/23 17:20	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	70	%	41-98		1	07/10/23 09:05	07/11/23 17:20	321-60-8	
Terphenyl-d14 (S)	70	%	37-106		1	07/10/23 09:05	07/11/23 17:20	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<14.8**	ug/kg	24.8	14.8	1	06/30/23 07:00	07/03/23 15:34	71-43-2	
Bromobenzene	**<24.2**	ug/kg	62.0	24.2	1	06/30/23 07:00	07/03/23 15:34	108-86-1	
Bromochloromethane	**<17.0**	ug/kg	62.0	17.0	1	06/30/23 07:00	07/03/23 15:34	74-97-5	
Bromodichloromethane	**<14.8**	ug/kg	62.0	14.8	1	06/30/23 07:00	07/03/23 15:34	75-27-4	
Bromoform	**<273**	ug/kg	310	273	1	06/30/23 07:00	07/03/23 15:34	75-25-2	
Bromomethane	**<87.0**	ug/kg	310	87.0	1	06/30/23 07:00	07/03/23 15:34	74-83-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB1 4-5 **Lab ID: 40264454004** Collected: 06/27/23 13:15 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
n-Butylbenzene	**<28.4**	ug/kg	62.0	28.4	1	06/30/23 07:00	07/03/23 15:34	104-51-8	
sec-Butylbenzene	**<15.1**	ug/kg	62.0	15.1	1	06/30/23 07:00	07/03/23 15:34	135-98-8	
tert-Butylbenzene	**<19.5**	ug/kg	62.0	19.5	1	06/30/23 07:00	07/03/23 15:34	98-06-6	
Carbon tetrachloride	**<13.7**	ug/kg	62.0	13.7	1	06/30/23 07:00	07/03/23 15:34	56-23-5	
Chlorobenzene	**<7.4**	ug/kg	62.0	7.4	1	06/30/23 07:00	07/03/23 15:34	108-90-7	
Chloroethane	**<26.2**	ug/kg	310	26.2	1	06/30/23 07:00	07/03/23 15:34	75-00-3	
Chloroform	**<44.4**	ug/kg	310	44.4	1	06/30/23 07:00	07/03/23 15:34	67-66-3	
Chloromethane	**<23.6**	ug/kg	62.0	23.6	1	06/30/23 07:00	07/03/23 15:34	74-87-3	
2-Chlorotoluene	**<20.1**	ug/kg	62.0	20.1	1	06/30/23 07:00	07/03/23 15:34	95-49-8	
4-Chlorotoluene	**<23.6**	ug/kg	62.0	23.6	1	06/30/23 07:00	07/03/23 15:34	106-43-4	
1,2-Dibromo-3-chloropropane	**<48.1**	ug/kg	310	48.1	1	06/30/23 07:00	07/03/23 15:34	96-12-8	
Dibromochloromethane	**<212**	ug/kg	310	212	1	06/30/23 07:00	07/03/23 15:34	124-48-1	
1,2-Dibromoethane (EDB)	**<17.0**	ug/kg	62.0	17.0	1	06/30/23 07:00	07/03/23 15:34	106-93-4	
Dibromomethane	**<18.4**	ug/kg	62.0	18.4	1	06/30/23 07:00	07/03/23 15:34	74-95-3	
1,2-Dichlorobenzene	**<19.2**	ug/kg	62.0	19.2	1	06/30/23 07:00	07/03/23 15:34	95-50-1	
1,3-Dichlorobenzene	**<17.0**	ug/kg	62.0	17.0	1	06/30/23 07:00	07/03/23 15:34	541-73-1	
1,4-Dichlorobenzene	**<17.0**	ug/kg	62.0	17.0	1	06/30/23 07:00	07/03/23 15:34	106-46-7	
Dichlorodifluoromethane	**<26.7**	ug/kg	62.0	26.7	1	06/30/23 07:00	07/03/23 15:34	75-71-8	
1,1-Dichloroethane	**<15.9**	ug/kg	62.0	15.9	1	06/30/23 07:00	07/03/23 15:34	75-34-3	
1,2-Dichloroethane	**<14.3**	ug/kg	62.0	14.3	1	06/30/23 07:00	07/03/23 15:34	107-06-2	
1,1-Dichloroethene	**<20.6**	ug/kg	62.0	20.6	1	06/30/23 07:00	07/03/23 15:34	75-35-4	
cis-1,2-Dichloroethene	**<13.3**	ug/kg	62.0	13.3	1	06/30/23 07:00	07/03/23 15:34	156-59-2	
trans-1,2-Dichloroethene	**<13.4**	ug/kg	62.0	13.4	1	06/30/23 07:00	07/03/23 15:34	156-60-5	
1,2-Dichloropropane	**<14.8**	ug/kg	62.0	14.8	1	06/30/23 07:00	07/03/23 15:34	78-87-5	
1,3-Dichloropropane	**<13.5**	ug/kg	62.0	13.5	1	06/30/23 07:00	07/03/23 15:34	142-28-9	
2,2-Dichloropropane	**<16.8**	ug/kg	62.0	16.8	1	06/30/23 07:00	07/03/23 15:34	594-20-7	
1,1-Dichloropropene	**<20.1**	ug/kg	62.0	20.1	1	06/30/23 07:00	07/03/23 15:34	563-58-6	
cis-1,3-Dichloropropene	**<41.0**	ug/kg	310	41.0	1	06/30/23 07:00	07/03/23 15:34	10061-01-5	
trans-1,3-Dichloropropene	**<177**	ug/kg	310	177	1	06/30/23 07:00	07/03/23 15:34	10061-02-6	
Diisopropyl ether	**<15.4**	ug/kg	62.0	15.4	1	06/30/23 07:00	07/03/23 15:34	108-20-3	
Ethylbenzene	**<14.8**	ug/kg	62.0	14.8	1	06/30/23 07:00	07/03/23 15:34	100-41-4	
Hexachloro-1,3-butadiene	**<123**	ug/kg	310	123	1	06/30/23 07:00	07/03/23 15:34	87-68-3	
Isopropylbenzene (Cumene)	**<16.8**	ug/kg	62.0	16.8	1	06/30/23 07:00	07/03/23 15:34	98-82-8	
p-Isopropyltoluene	**<18.9**	ug/kg	62.0	18.9	1	06/30/23 07:00	07/03/23 15:34	99-87-6	
Methylene Chloride	**<17.2**	ug/kg	62.0	17.2	1	06/30/23 07:00	07/03/23 15:34	75-09-2	
Methyl-tert-butyl ether	**<18.2**	ug/kg	62.0	18.2	1	06/30/23 07:00	07/03/23 15:34	1634-04-4	
Naphthalene	**<19.4**	ug/kg	310	19.4	1	06/30/23 07:00	07/03/23 15:34	91-20-3	
n-Propylbenzene	**<14.9**	ug/kg	62.0	14.9	1	06/30/23 07:00	07/03/23 15:34	103-65-1	
Styrene	**<15.9**	ug/kg	62.0	15.9	1	06/30/23 07:00	07/03/23 15:34	100-42-5	
1,1,1,2-Tetrachloroethane	**<14.9**	ug/kg	62.0	14.9	1	06/30/23 07:00	07/03/23 15:34	630-20-6	
1,1,2,2-Tetrachloroethane	**<22.5**	ug/kg	62.0	22.5	1	06/30/23 07:00	07/03/23 15:34	79-34-5	
Tetrachloroethene	**<24.1**	ug/kg	62.0	24.1	1	06/30/23 07:00	07/03/23 15:34	127-18-4	
Toluene	**<15.6**	ug/kg	62.0	15.6	1	06/30/23 07:00	07/03/23 15:34	108-88-3	
1,2,3-Trichlorobenzene	**<69.1**	ug/kg	310	69.1	1	06/30/23 07:00	07/03/23 15:34	87-61-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB1 4-5 **Lab ID: 40264454004** Collected: 06/27/23 13:15 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,2,4-Trichlorobenzene	**<51.1**	ug/kg	310	51.1	1	06/30/23 07:00	07/03/23 15:34	120-82-1	
1,1,1-Trichloroethane	**<15.9**	ug/kg	62.0	15.9	1	06/30/23 07:00	07/03/23 15:34	71-55-6	
1,1,2-Trichloroethane	**<22.6**	ug/kg	62.0	22.6	1	06/30/23 07:00	07/03/23 15:34	79-00-5	
Trichloroethene	**81.7**	ug/kg	62.0	23.2	1	06/30/23 07:00	07/03/23 15:34	79-01-6	
Trichlorofluoromethane	**<18.0**	ug/kg	62.0	18.0	1	06/30/23 07:00	07/03/23 15:34	75-69-4	
1,2,3-Trichloropropane	**<30.2**	ug/kg	62.0	30.2	1	06/30/23 07:00	07/03/23 15:34	96-18-4	
1,2,4-Trimethylbenzene	**<18.5**	ug/kg	62.0	18.5	1	06/30/23 07:00	07/03/23 15:34	95-63-6	
1,3,5-Trimethylbenzene	**<20.0**	ug/kg	62.0	20.0	1	06/30/23 07:00	07/03/23 15:34	108-67-8	
Vinyl chloride	**<12.5**	ug/kg	62.0	12.5	1	06/30/23 07:00	07/03/23 15:34	75-01-4	
m&p-Xylene	**<26.2**	ug/kg	124	26.2	1	06/30/23 07:00	07/03/23 15:34	179601-23-1	
o-Xylene	**<18.6**	ug/kg	62.0	18.6	1	06/30/23 07:00	07/03/23 15:34	95-47-6	
Surrogates									
Toluene-d8 (S)	144	%	69-153		1	06/30/23 07:00	07/03/23 15:34	2037-26-5	
4-Bromofluorobenzene (S)	141	%	68-156		1	06/30/23 07:00	07/03/23 15:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	161	%	71-161		1	06/30/23 07:00	07/03/23 15:34	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**10.8**	%	0.10	0.10	1		06/29/23 15:53		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB2 2-3 **Lab ID: 40264454005** Collected: 06/27/23 13:20 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**4.1**	mg/kg	2.4	1.4	1	06/30/23 06:26	07/03/23 14:25	7440-38-2	
Barium	**72.1**	mg/kg	0.49	0.15	1	06/30/23 06:26	07/03/23 14:25	7440-39-3	
Cadmium	**1.4**	mg/kg	0.49	0.13	1	06/30/23 06:26	07/03/23 14:25	7440-43-9	
Chromium	**30.7**	mg/kg	0.97	0.27	1	06/30/23 06:26	07/03/23 14:25	7440-47-3	
Lead	**60.9**	mg/kg	1.9	0.58	1	06/30/23 06:26	07/03/23 14:25	7439-92-1	
Selenium	**<1.3**	mg/kg	3.9	1.3	1	06/30/23 06:26	07/03/23 14:25	7782-49-2	
Silver	**1.0**	mg/kg	0.97	0.30	1	06/30/23 06:26	07/03/23 14:25	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.26**	mg/kg	0.036	0.010	1	07/06/23 08:45	07/07/23 10:34	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**15.2J**	ug/kg	35.5	4.6	2	07/10/23 09:05	07/11/23 17:38	83-32-9	
Acenaphthylene	**21.8J**	ug/kg	35.5	4.5	2	07/10/23 09:05	07/11/23 17:38	208-96-8	
Anthracene	**81.5**	ug/kg	35.5	4.4	2	07/10/23 09:05	07/11/23 17:38	120-12-7	
Benzo(a)anthracene	**310**	ug/kg	35.5	4.6	2	07/10/23 09:05	07/11/23 17:38	56-55-3	
Benzo(a)pyrene	**330**	ug/kg	35.5	4.0	2	07/10/23 09:05	07/11/23 17:38	50-32-8	
Benzo(b)fluoranthene	**463**	ug/kg	35.5	4.9	2	07/10/23 09:05	07/11/23 17:38	205-99-2	
Benzo(g,h,i)perylene	**186**	ug/kg	35.5	6.2	2	07/10/23 09:05	07/11/23 17:38	191-24-2	
Benzo(k)fluoranthene	**194**	ug/kg	35.5	4.5	2	07/10/23 09:05	07/11/23 17:38	207-08-9	
Chrysene	**383**	ug/kg	35.5	6.7	2	07/10/23 09:05	07/11/23 17:38	218-01-9	
Dibenz(a,h)anthracene	**45.6**	ug/kg	35.5	4.9	2	07/10/23 09:05	07/11/23 17:38	53-70-3	
Fluoranthene	**769**	ug/kg	35.5	4.2	2	07/10/23 09:05	07/11/23 17:38	206-44-0	
Fluorene	**27.2J**	ug/kg	35.5	4.3	2	07/10/23 09:05	07/11/23 17:38	86-73-7	
Indeno(1,2,3-cd)pyrene	**161**	ug/kg	35.5	7.4	2	07/10/23 09:05	07/11/23 17:38	193-39-5	
1-Methylnaphthalene	**10.2J**	ug/kg	35.5	5.2	2	07/10/23 09:05	07/11/23 17:38	90-12-0	
2-Methylnaphthalene	**13.9J**	ug/kg	35.5	5.2	2	07/10/23 09:05	07/11/23 17:38	91-57-6	
Naphthalene	**22.1J**	ug/kg	35.5	3.5	2	07/10/23 09:05	07/11/23 17:38	91-20-3	
Phenanthrene	**440**	ug/kg	35.5	4.1	2	07/10/23 09:05	07/11/23 17:38	85-01-8	
Pyrene	**570**	ug/kg	35.5	5.2	2	07/10/23 09:05	07/11/23 17:38	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	81	%	41-98		2	07/10/23 09:05	07/11/23 17:38	321-60-8	
Terphenyl-d14 (S)	81	%	37-106		2	07/10/23 09:05	07/11/23 17:38	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<13.9**	ug/kg	23.4	13.9	1	06/30/23 07:00	07/03/23 15:54	71-43-2	
Bromobenzene	**<22.8**	ug/kg	58.6	22.8	1	06/30/23 07:00	07/03/23 15:54	108-86-1	
Bromochloromethane	**<16.0**	ug/kg	58.6	16.0	1	06/30/23 07:00	07/03/23 15:54	74-97-5	
Bromodichloromethane	**<13.9**	ug/kg	58.6	13.9	1	06/30/23 07:00	07/03/23 15:54	75-27-4	
Bromoform	**<258**	ug/kg	293	258	1	06/30/23 07:00	07/03/23 15:54	75-25-2	
Bromomethane	**<82.1**	ug/kg	293	82.1	1	06/30/23 07:00	07/03/23 15:54	74-83-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB2 2-3 **Lab ID: 40264454005** Collected: 06/27/23 13:20 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
n-Butylbenzene	**<26.8**	ug/kg	58.6	26.8	1	06/30/23 07:00	07/03/23 15:54	104-51-8	
sec-Butylbenzene	**<14.3**	ug/kg	58.6	14.3	1	06/30/23 07:00	07/03/23 15:54	135-98-8	
tert-Butylbenzene	**<18.4**	ug/kg	58.6	18.4	1	06/30/23 07:00	07/03/23 15:54	98-06-6	
Carbon tetrachloride	**<12.9**	ug/kg	58.6	12.9	1	06/30/23 07:00	07/03/23 15:54	56-23-5	
Chlorobenzene	**<7.0**	ug/kg	58.6	7.0	1	06/30/23 07:00	07/03/23 15:54	108-90-7	
Chloroethane	**<24.7**	ug/kg	293	24.7	1	06/30/23 07:00	07/03/23 15:54	75-00-3	
Chloroform	**<41.9**	ug/kg	293	41.9	1	06/30/23 07:00	07/03/23 15:54	67-66-3	
Chloromethane	**<22.3**	ug/kg	58.6	22.3	1	06/30/23 07:00	07/03/23 15:54	74-87-3	
2-Chlorotoluene	**<19.0**	ug/kg	58.6	19.0	1	06/30/23 07:00	07/03/23 15:54	95-49-8	
4-Chlorotoluene	**<22.3**	ug/kg	58.6	22.3	1	06/30/23 07:00	07/03/23 15:54	106-43-4	
1,2-Dibromo-3-chloropropane	**<45.4**	ug/kg	293	45.4	1	06/30/23 07:00	07/03/23 15:54	96-12-8	
Dibromochloromethane	**<200**	ug/kg	293	200	1	06/30/23 07:00	07/03/23 15:54	124-48-1	
1,2-Dibromoethane (EDB)	**<16.0**	ug/kg	58.6	16.0	1	06/30/23 07:00	07/03/23 15:54	106-93-4	
Dibromomethane	**<17.3**	ug/kg	58.6	17.3	1	06/30/23 07:00	07/03/23 15:54	74-95-3	
1,2-Dichlorobenzene	**<18.2**	ug/kg	58.6	18.2	1	06/30/23 07:00	07/03/23 15:54	95-50-1	
1,3-Dichlorobenzene	**<16.0**	ug/kg	58.6	16.0	1	06/30/23 07:00	07/03/23 15:54	541-73-1	
1,4-Dichlorobenzene	**<16.0**	ug/kg	58.6	16.0	1	06/30/23 07:00	07/03/23 15:54	106-46-7	
Dichlorodifluoromethane	**<25.2**	ug/kg	58.6	25.2	1	06/30/23 07:00	07/03/23 15:54	75-71-8	
1,1-Dichloroethane	**59.4**	ug/kg	58.6	15.0	1	06/30/23 07:00	07/03/23 15:54	75-34-3	
1,2-Dichloroethane	**<13.5**	ug/kg	58.6	13.5	1	06/30/23 07:00	07/03/23 15:54	107-06-2	
1,1-Dichloroethene	**<19.4**	ug/kg	58.6	19.4	1	06/30/23 07:00	07/03/23 15:54	75-35-4	
cis-1,2-Dichloroethene	**114**	ug/kg	58.6	12.5	1	06/30/23 07:00	07/03/23 15:54	156-59-2	
trans-1,2-Dichloroethene	**14.9J**	ug/kg	58.6	12.6	1	06/30/23 07:00	07/03/23 15:54	156-60-5	
1,2-Dichloropropane	**<13.9**	ug/kg	58.6	13.9	1	06/30/23 07:00	07/03/23 15:54	78-87-5	
1,3-Dichloropropane	**<12.8**	ug/kg	58.6	12.8	1	06/30/23 07:00	07/03/23 15:54	142-28-9	
2,2-Dichloropropane	**<15.8**	ug/kg	58.6	15.8	1	06/30/23 07:00	07/03/23 15:54	594-20-7	
1,1-Dichloropropene	**<19.0**	ug/kg	58.6	19.0	1	06/30/23 07:00	07/03/23 15:54	563-58-6	
cis-1,3-Dichloropropene	**<38.7**	ug/kg	293	38.7	1	06/30/23 07:00	07/03/23 15:54	10061-01-5	
trans-1,3-Dichloropropene	**<167**	ug/kg	293	167	1	06/30/23 07:00	07/03/23 15:54	10061-02-6	
Diisopropyl ether	**<14.5**	ug/kg	58.6	14.5	1	06/30/23 07:00	07/03/23 15:54	108-20-3	
Ethylbenzene	**<13.9**	ug/kg	58.6	13.9	1	06/30/23 07:00	07/03/23 15:54	100-41-4	
Hexachloro-1,3-butadiene	**<116**	ug/kg	293	116	1	06/30/23 07:00	07/03/23 15:54	87-68-3	
Isopropylbenzene (Cumene)	**<15.8**	ug/kg	58.6	15.8	1	06/30/23 07:00	07/03/23 15:54	98-82-8	
p-Isopropyltoluene	**<17.8**	ug/kg	58.6	17.8	1	06/30/23 07:00	07/03/23 15:54	99-87-6	
Methylene Chloride	**<16.3**	ug/kg	58.6	16.3	1	06/30/23 07:00	07/03/23 15:54	75-09-2	
Methyl-tert-butyl ether	**<17.2**	ug/kg	58.6	17.2	1	06/30/23 07:00	07/03/23 15:54	1634-04-4	
Naphthalene	**34.6J**	ug/kg	293	18.3	1	06/30/23 07:00	07/03/23 15:54	91-20-3	
n-Propylbenzene	**<14.1**	ug/kg	58.6	14.1	1	06/30/23 07:00	07/03/23 15:54	103-65-1	
Styrene	**<15.0**	ug/kg	58.6	15.0	1	06/30/23 07:00	07/03/23 15:54	100-42-5	
1,1,1,2-Tetrachloroethane	**<14.1**	ug/kg	58.6	14.1	1	06/30/23 07:00	07/03/23 15:54	630-20-6	
1,1,2,2-Tetrachloroethane	**<21.2**	ug/kg	58.6	21.2	1	06/30/23 07:00	07/03/23 15:54	79-34-5	
Tetrachloroethene	**315**	ug/kg	58.6	22.7	1	06/30/23 07:00	07/03/23 15:54	127-18-4	
Toluene	**200**	ug/kg	58.6	14.8	1	06/30/23 07:00	07/03/23 15:54	108-88-3	
1,2,3-Trichlorobenzene	**<65.2**	ug/kg	293	65.2	1	06/30/23 07:00	07/03/23 15:54	87-61-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB2 2-3 **Lab ID: 40264454005** Collected: 06/27/23 13:20 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,2,4-Trichlorobenzene	**<48.3**	ug/kg	293	48.3	1	06/30/23 07:00	07/03/23 15:54	120-82-1	
1,1,1-Trichloroethane	**480**	ug/kg	58.6	15.0	1	06/30/23 07:00	07/03/23 15:54	71-55-6	
1,1,2-Trichloroethane	**<21.3**	ug/kg	58.6	21.3	1	06/30/23 07:00	07/03/23 15:54	79-00-5	
Trichloroethene	**2370**	ug/kg	58.6	21.9	1	06/30/23 07:00	07/03/23 15:54	79-01-6	
Trichlorofluoromethane	**141**	ug/kg	58.6	17.0	1	06/30/23 07:00	07/03/23 15:54	75-69-4	
1,2,3-Trichloropropane	**<28.5**	ug/kg	58.6	28.5	1	06/30/23 07:00	07/03/23 15:54	96-18-4	
1,2,4-Trimethylbenzene	**32.1J**	ug/kg	58.6	17.5	1	06/30/23 07:00	07/03/23 15:54	95-63-6	
1,3,5-Trimethylbenzene	**<18.9**	ug/kg	58.6	18.9	1	06/30/23 07:00	07/03/23 15:54	108-67-8	
Vinyl chloride	**<11.8**	ug/kg	58.6	11.8	1	06/30/23 07:00	07/03/23 15:54	75-01-4	
m&p-Xylene	**33.2J**	ug/kg	117	24.7	1	06/30/23 07:00	07/03/23 15:54	179601-23-1	
o-Xylene	**29.4J**	ug/kg	58.6	17.6	1	06/30/23 07:00	07/03/23 15:54	95-47-6	
Surrogates									
Toluene-d8 (S)	136	%	69-153		1	06/30/23 07:00	07/03/23 15:54	2037-26-5	
4-Bromofluorobenzene (S)	129	%	68-156		1	06/30/23 07:00	07/03/23 15:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	146	%	71-161		1	06/30/23 07:00	07/03/23 15:54	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**6.0**	%	0.10	0.10	1		06/29/23 15:53		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB2 4-5 **Lab ID: 40264454006** Collected: 06/27/23 13:30 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**5.5**	mg/kg	2.7	1.6	1	06/30/23 06:26	07/03/23 14:27	7440-38-2	
Barium	**77.3**	mg/kg	0.53	0.16	1	06/30/23 06:26	07/03/23 14:27	7440-39-3	
Cadmium	**0.46J**	mg/kg	0.53	0.14	1	06/30/23 06:26	07/03/23 14:27	7440-43-9	
Chromium	**34.1**	mg/kg	1.1	0.30	1	06/30/23 06:26	07/03/23 14:27	7440-47-3	
Lead	**35.3**	mg/kg	2.1	0.64	1	06/30/23 06:26	07/03/23 14:27	7439-92-1	
Selenium	**<1.4**	mg/kg	4.3	1.4	1	06/30/23 06:26	07/03/23 14:27	7782-49-2	
Silver	**<0.33**	mg/kg	1.1	0.33	1	06/30/23 06:26	07/03/23 14:27	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.079**	mg/kg	0.037	0.011	1	07/06/23 08:45	07/07/23 10:36	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**5.2J**	ug/kg	18.6	2.4	1	07/10/23 09:05	07/11/23 17:55	83-32-9	
Acenaphthylene	**7.9J**	ug/kg	18.6	2.3	1	07/10/23 09:05	07/11/23 17:55	208-96-8	
Anthracene	**24.1**	ug/kg	18.6	2.3	1	07/10/23 09:05	07/11/23 17:55	120-12-7	
Benzo(a)anthracene	**66.8**	ug/kg	18.6	2.4	1	07/10/23 09:05	07/11/23 17:55	56-55-3	
Benzo(a)pyrene	**71.3**	ug/kg	18.6	2.1	1	07/10/23 09:05	07/11/23 17:55	50-32-8	
Benzo(b)fluoranthene	**116**	ug/kg	18.6	2.6	1	07/10/23 09:05	07/11/23 17:55	205-99-2	
Benzo(g,h,i)perylene	**52.4**	ug/kg	18.6	3.3	1	07/10/23 09:05	07/11/23 17:55	191-24-2	
Benzo(k)fluoranthene	**46.2**	ug/kg	18.6	2.4	1	07/10/23 09:05	07/11/23 17:55	207-08-9	
Chrysene	**87.0**	ug/kg	18.6	3.5	1	07/10/23 09:05	07/11/23 17:55	218-01-9	
Dibenz(a,h)anthracene	**12.3J**	ug/kg	18.6	2.6	1	07/10/23 09:05	07/11/23 17:55	53-70-3	
Fluoranthene	**134**	ug/kg	18.6	2.2	1	07/10/23 09:05	07/11/23 17:55	206-44-0	
Fluorene	**11.8J**	ug/kg	18.6	2.2	1	07/10/23 09:05	07/11/23 17:55	86-73-7	
Indeno(1,2,3-cd)pyrene	**38.4**	ug/kg	18.6	3.9	1	07/10/23 09:05	07/11/23 17:55	193-39-5	
1-Methylnaphthalene	**11.0J**	ug/kg	18.6	2.7	1	07/10/23 09:05	07/11/23 17:55	90-12-0	
2-Methylnaphthalene	**18.5J**	ug/kg	18.6	2.7	1	07/10/23 09:05	07/11/23 17:55	91-57-6	
Naphthalene	**35.1**	ug/kg	18.6	1.8	1	07/10/23 09:05	07/11/23 17:55	91-20-3	
Phenanthrene	**98.0**	ug/kg	18.6	2.1	1	07/10/23 09:05	07/11/23 17:55	85-01-8	
Pyrene	**109**	ug/kg	18.6	2.7	1	07/10/23 09:05	07/11/23 17:55	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	79	%	41-98		1	07/10/23 09:05	07/11/23 17:55	321-60-8	
Terphenyl-d14 (S)	76	%	37-106		1	07/10/23 09:05	07/11/23 17:55	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<14.6**	ug/kg	24.6	14.6	1	06/30/23 07:00	07/03/23 16:14	71-43-2	
Bromobenzene	**<23.9**	ug/kg	61.4	23.9	1	06/30/23 07:00	07/03/23 16:14	108-86-1	
Bromochloromethane	**<16.8**	ug/kg	61.4	16.8	1	06/30/23 07:00	07/03/23 16:14	74-97-5	
Bromodichloromethane	**<14.6**	ug/kg	61.4	14.6	1	06/30/23 07:00	07/03/23 16:14	75-27-4	
Bromoform	**<270**	ug/kg	307	270	1	06/30/23 07:00	07/03/23 16:14	75-25-2	
Bromomethane	**<86.1**	ug/kg	307	86.1	1	06/30/23 07:00	07/03/23 16:14	74-83-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB2 4-5 **Lab ID: 40264454006** Collected: 06/27/23 13:30 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
n-Butylbenzene	**<28.1**	ug/kg	61.4	28.1	1	06/30/23 07:00	07/03/23 16:14	104-51-8	
sec-Butylbenzene	**<15.0**	ug/kg	61.4	15.0	1	06/30/23 07:00	07/03/23 16:14	135-98-8	
tert-Butylbenzene	**<19.3**	ug/kg	61.4	19.3	1	06/30/23 07:00	07/03/23 16:14	98-06-6	
Carbon tetrachloride	**<13.5**	ug/kg	61.4	13.5	1	06/30/23 07:00	07/03/23 16:14	56-23-5	
Chlorobenzene	**<7.4**	ug/kg	61.4	7.4	1	06/30/23 07:00	07/03/23 16:14	108-90-7	
Chloroethane	**<25.9**	ug/kg	307	25.9	1	06/30/23 07:00	07/03/23 16:14	75-00-3	
Chloroform	**<44.0**	ug/kg	307	44.0	1	06/30/23 07:00	07/03/23 16:14	67-66-3	
Chloromethane	**<23.3**	ug/kg	61.4	23.3	1	06/30/23 07:00	07/03/23 16:14	74-87-3	
2-Chlorotoluene	**<19.9**	ug/kg	61.4	19.9	1	06/30/23 07:00	07/03/23 16:14	95-49-8	
4-Chlorotoluene	**<23.3**	ug/kg	61.4	23.3	1	06/30/23 07:00	07/03/23 16:14	106-43-4	
1,2-Dibromo-3-chloropropane	**<47.6**	ug/kg	307	47.6	1	06/30/23 07:00	07/03/23 16:14	96-12-8	
Dibromochloromethane	**<210**	ug/kg	307	210	1	06/30/23 07:00	07/03/23 16:14	124-48-1	
1,2-Dibromoethane (EDB)	**<16.8**	ug/kg	61.4	16.8	1	06/30/23 07:00	07/03/23 16:14	106-93-4	
Dibromomethane	**<18.2**	ug/kg	61.4	18.2	1	06/30/23 07:00	07/03/23 16:14	74-95-3	
1,2-Dichlorobenzene	**<19.0**	ug/kg	61.4	19.0	1	06/30/23 07:00	07/03/23 16:14	95-50-1	
1,3-Dichlorobenzene	**<16.8**	ug/kg	61.4	16.8	1	06/30/23 07:00	07/03/23 16:14	541-73-1	
1,4-Dichlorobenzene	**<16.8**	ug/kg	61.4	16.8	1	06/30/23 07:00	07/03/23 16:14	106-46-7	
Dichlorodifluoromethane	**<26.4**	ug/kg	61.4	26.4	1	06/30/23 07:00	07/03/23 16:14	75-71-8	
1,1-Dichloroethane	**22.8J**	ug/kg	61.4	15.7	1	06/30/23 07:00	07/03/23 16:14	75-34-3	
1,2-Dichloroethane	**<14.1**	ug/kg	61.4	14.1	1	06/30/23 07:00	07/03/23 16:14	107-06-2	
1,1-Dichloroethene	**<20.4**	ug/kg	61.4	20.4	1	06/30/23 07:00	07/03/23 16:14	75-35-4	
cis-1,2-Dichloroethene	**<13.1**	ug/kg	61.4	13.1	1	06/30/23 07:00	07/03/23 16:14	156-59-2	
trans-1,2-Dichloroethene	**<13.3**	ug/kg	61.4	13.3	1	06/30/23 07:00	07/03/23 16:14	156-60-5	
1,2-Dichloropropane	**<14.6**	ug/kg	61.4	14.6	1	06/30/23 07:00	07/03/23 16:14	78-87-5	
1,3-Dichloropropane	**<13.4**	ug/kg	61.4	13.4	1	06/30/23 07:00	07/03/23 16:14	142-28-9	
2,2-Dichloropropane	**<16.6**	ug/kg	61.4	16.6	1	06/30/23 07:00	07/03/23 16:14	594-20-7	
1,1-Dichloropropene	**<19.9**	ug/kg	61.4	19.9	1	06/30/23 07:00	07/03/23 16:14	563-58-6	
cis-1,3-Dichloropropene	**<40.5**	ug/kg	307	40.5	1	06/30/23 07:00	07/03/23 16:14	10061-01-5	
trans-1,3-Dichloropropene	**<176**	ug/kg	307	176	1	06/30/23 07:00	07/03/23 16:14	10061-02-6	
Diisopropyl ether	**<15.2**	ug/kg	61.4	15.2	1	06/30/23 07:00	07/03/23 16:14	108-20-3	
Ethylbenzene	**14.9J**	ug/kg	61.4	14.6	1	06/30/23 07:00	07/03/23 16:14	100-41-4	
Hexachloro-1,3-butadiene	**<122**	ug/kg	307	122	1	06/30/23 07:00	07/03/23 16:14	87-68-3	
Isopropylbenzene (Cumene)	**<16.6**	ug/kg	61.4	16.6	1	06/30/23 07:00	07/03/23 16:14	98-82-8	
p-Isopropyltoluene	**<18.7**	ug/kg	61.4	18.7	1	06/30/23 07:00	07/03/23 16:14	99-87-6	
Methylene Chloride	**<17.1**	ug/kg	61.4	17.1	1	06/30/23 07:00	07/03/23 16:14	75-09-2	
Methyl-tert-butyl ether	**<18.1**	ug/kg	61.4	18.1	1	06/30/23 07:00	07/03/23 16:14	1634-04-4	
Naphthalene	**<19.2**	ug/kg	307	19.2	1	06/30/23 07:00	07/03/23 16:14	91-20-3	
n-Propylbenzene	**<14.7**	ug/kg	61.4	14.7	1	06/30/23 07:00	07/03/23 16:14	103-65-1	
Styrene	**<15.7**	ug/kg	61.4	15.7	1	06/30/23 07:00	07/03/23 16:14	100-42-5	
1,1,1,2-Tetrachloroethane	**<14.7**	ug/kg	61.4	14.7	1	06/30/23 07:00	07/03/23 16:14	630-20-6	
1,1,2,2-Tetrachloroethane	**<22.2**	ug/kg	61.4	22.2	1	06/30/23 07:00	07/03/23 16:14	79-34-5	
Tetrachloroethene	**58.7J**	ug/kg	61.4	23.8	1	06/30/23 07:00	07/03/23 16:14	127-18-4	
Toluene	**25.9J**	ug/kg	61.4	15.5	1	06/30/23 07:00	07/03/23 16:14	108-88-3	
1,2,3-Trichlorobenzene	**<68.4**	ug/kg	307	68.4	1	06/30/23 07:00	07/03/23 16:14	87-61-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB2 4-5 **Lab ID: 40264454006** Collected: 06/27/23 13:30 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,2,4-Trichlorobenzene	**<50.6**	ug/kg	307	50.6	1	06/30/23 07:00	07/03/23 16:14	120-82-1	
1,1,1-Trichloroethane	**418**	ug/kg	61.4	15.7	1	06/30/23 07:00	07/03/23 16:14	71-55-6	
1,1,2-Trichloroethane	**<22.4**	ug/kg	61.4	22.4	1	06/30/23 07:00	07/03/23 16:14	79-00-5	
Trichloroethene	**654**	ug/kg	61.4	23.0	1	06/30/23 07:00	07/03/23 16:14	79-01-6	
Trichlorofluoromethane	**<17.8**	ug/kg	61.4	17.8	1	06/30/23 07:00	07/03/23 16:14	75-69-4	
1,2,3-Trichloropropane	**<29.8**	ug/kg	61.4	29.8	1	06/30/23 07:00	07/03/23 16:14	96-18-4	
1,2,4-Trimethylbenzene	**<18.3**	ug/kg	61.4	18.3	1	06/30/23 07:00	07/03/23 16:14	95-63-6	
1,3,5-Trimethylbenzene	**<19.8**	ug/kg	61.4	19.8	1	06/30/23 07:00	07/03/23 16:14	108-67-8	
Vinyl chloride	**<12.4**	ug/kg	61.4	12.4	1	06/30/23 07:00	07/03/23 16:14	75-01-4	
m&p-Xylene	**92.4J**	ug/kg	123	25.9	1	06/30/23 07:00	07/03/23 16:14	179601-23-1	
o-Xylene	**123**	ug/kg	61.4	18.4	1	06/30/23 07:00	07/03/23 16:14	95-47-6	
Surrogates									
Toluene-d8 (S)	136	%	69-153		1	06/30/23 07:00	07/03/23 16:14	2037-26-5	
4-Bromofluorobenzene (S)	127	%	68-156		1	06/30/23 07:00	07/03/23 16:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	139	%	71-161		1	06/30/23 07:00	07/03/23 16:14	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**10.2**	%	0.10	0.10	1		06/29/23 15:53		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB3 2-3 **Lab ID: 40264454007** Collected: 06/27/23 13:40 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**3.8**	mg/kg	2.9	1.7	1	06/30/23 06:26	07/03/23 14:33	7440-38-2	
Barium	**88.7**	mg/kg	0.57	0.17	1	06/30/23 06:26	07/03/23 14:33	7440-39-3	
Cadmium	**0.70**	mg/kg	0.57	0.15	1	06/30/23 06:26	07/03/23 14:33	7440-43-9	
Chromium	**40.6**	mg/kg	1.1	0.32	1	06/30/23 06:26	07/03/23 14:33	7440-47-3	
Lead	**25.5**	mg/kg	2.3	0.69	1	06/30/23 06:26	07/03/23 14:33	7439-92-1	
Selenium	**<1.5**	mg/kg	4.6	1.5	1	06/30/23 06:26	07/03/23 14:33	7782-49-2	
Silver	**<0.35**	mg/kg	1.1	0.35	1	06/30/23 06:26	07/03/23 14:33	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.48**	mg/kg	0.040	0.011	1	07/06/23 08:45	07/07/23 10:38	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**14.0J**	ug/kg	20.1	2.6	1	07/10/23 09:05	07/11/23 18:12	83-32-9	
Acenaphthylene	**18.0J**	ug/kg	20.1	2.5	1	07/10/23 09:05	07/11/23 18:12	208-96-8	
Anthracene	**41.5**	ug/kg	20.1	2.5	1	07/10/23 09:05	07/11/23 18:12	120-12-7	
Benzo(a)anthracene	**213**	ug/kg	20.1	2.6	1	07/10/23 09:05	07/11/23 18:12	56-55-3	
Benzo(a)pyrene	**271**	ug/kg	20.1	2.3	1	07/10/23 09:05	07/11/23 18:12	50-32-8	
Benzo(b)fluoranthene	**418**	ug/kg	20.1	2.8	1	07/10/23 09:05	07/11/23 18:12	205-99-2	
Benzo(g,h,i)perylene	**112**	ug/kg	20.1	3.5	1	07/10/23 09:05	07/11/23 18:12	191-24-2	
Benzo(k)fluoranthene	**200**	ug/kg	20.1	2.6	1	07/10/23 09:05	07/11/23 18:12	207-08-9	
Chrysene	**313**	ug/kg	20.1	3.8	1	07/10/23 09:05	07/11/23 18:12	218-01-9	
Dibenz(a,h)anthracene	**28.9**	ug/kg	20.1	2.8	1	07/10/23 09:05	07/11/23 18:12	53-70-3	
Fluoranthene	**545**	ug/kg	20.1	2.4	1	07/10/23 09:05	07/11/23 18:12	206-44-0	
Fluorene	**14.5J**	ug/kg	20.1	2.4	1	07/10/23 09:05	07/11/23 18:12	86-73-7	
Indeno(1,2,3-cd)pyrene	**104**	ug/kg	20.1	4.2	1	07/10/23 09:05	07/11/23 18:12	193-39-5	
1-Methylnaphthalene	**13.1J**	ug/kg	20.1	2.9	1	07/10/23 09:05	07/11/23 18:12	90-12-0	
2-Methylnaphthalene	**16.6J**	ug/kg	20.1	2.9	1	07/10/23 09:05	07/11/23 18:12	91-57-6	
Naphthalene	**22.4**	ug/kg	20.1	2.0	1	07/10/23 09:05	07/11/23 18:12	91-20-3	
Phenanthrene	**217**	ug/kg	20.1	2.3	1	07/10/23 09:05	07/11/23 18:12	85-01-8	
Pyrene	**411**	ug/kg	20.1	3.0	1	07/10/23 09:05	07/11/23 18:12	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	81	%	41-98		1	07/10/23 09:05	07/11/23 18:12	321-60-8	
Terphenyl-d14 (S)	79	%	37-106		1	07/10/23 09:05	07/11/23 18:12	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<16.8**	ug/kg	28.2	16.8	1	06/30/23 07:00	07/06/23 14:29	71-43-2	
Bromobenzene	**<27.5**	ug/kg	70.6	27.5	1	06/30/23 07:00	07/06/23 14:29	108-86-1	
Bromochloromethane	**<19.3**	ug/kg	70.6	19.3	1	06/30/23 07:00	07/06/23 14:29	74-97-5	
Bromodichloromethane	**<16.8**	ug/kg	70.6	16.8	1	06/30/23 07:00	07/06/23 14:29	75-27-4	
Bromoform	**<311**	ug/kg	353	311	1	06/30/23 07:00	07/06/23 14:29	75-25-2	
Bromomethane	**<99.0**	ug/kg	353	99.0	1	06/30/23 07:00	07/06/23 14:29	74-83-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB3 2-3 **Lab ID: 40264454007** Collected: 06/27/23 13:40 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
n-Butylbenzene	**<32.3**	ug/kg	70.6	32.3	1	06/30/23 07:00	07/06/23 14:29	104-51-8	
sec-Butylbenzene	**<17.2**	ug/kg	70.6	17.2	1	06/30/23 07:00	07/06/23 14:29	135-98-8	
tert-Butylbenzene	**<22.2**	ug/kg	70.6	22.2	1	06/30/23 07:00	07/06/23 14:29	98-06-6	
Carbon tetrachloride	**<15.5**	ug/kg	70.6	15.5	1	06/30/23 07:00	07/06/23 14:29	56-23-5	
Chlorobenzene	**<8.5**	ug/kg	70.6	8.5	1	06/30/23 07:00	07/06/23 14:29	108-90-7	
Chloroethane	**<29.8**	ug/kg	353	29.8	1	06/30/23 07:00	07/06/23 14:29	75-00-3	
Chloroform	**<50.5**	ug/kg	353	50.5	1	06/30/23 07:00	07/06/23 14:29	67-66-3	
Chloromethane	**<26.8**	ug/kg	70.6	26.8	1	06/30/23 07:00	07/06/23 14:29	74-87-3	
2-Chlorotoluene	**<22.9**	ug/kg	70.6	22.9	1	06/30/23 07:00	07/06/23 14:29	95-49-8	
4-Chlorotoluene	**<26.8**	ug/kg	70.6	26.8	1	06/30/23 07:00	07/06/23 14:29	106-43-4	
1,2-Dibromo-3-chloropropane	**<54.8**	ug/kg	353	54.8	1	06/30/23 07:00	07/06/23 14:29	96-12-8	
Dibromochloromethane	**<241**	ug/kg	353	241	1	06/30/23 07:00	07/06/23 14:29	124-48-1	
1,2-Dibromoethane (EDB)	**<19.3**	ug/kg	70.6	19.3	1	06/30/23 07:00	07/06/23 14:29	106-93-4	
Dibromomethane	**<20.9**	ug/kg	70.6	20.9	1	06/30/23 07:00	07/06/23 14:29	74-95-3	
1,2-Dichlorobenzene	**<21.9**	ug/kg	70.6	21.9	1	06/30/23 07:00	07/06/23 14:29	95-50-1	
1,3-Dichlorobenzene	**<19.3**	ug/kg	70.6	19.3	1	06/30/23 07:00	07/06/23 14:29	541-73-1	
1,4-Dichlorobenzene	**<19.3**	ug/kg	70.6	19.3	1	06/30/23 07:00	07/06/23 14:29	106-46-7	
Dichlorodifluoromethane	**<30.4**	ug/kg	70.6	30.4	1	06/30/23 07:00	07/06/23 14:29	75-71-8	
1,1-Dichloroethane	**84.2**	ug/kg	70.6	18.1	1	06/30/23 07:00	07/06/23 14:29	75-34-3	
1,2-Dichloroethane	**<16.2**	ug/kg	70.6	16.2	1	06/30/23 07:00	07/06/23 14:29	107-06-2	
1,1-Dichloroethene	**<23.4**	ug/kg	70.6	23.4	1	06/30/23 07:00	07/06/23 14:29	75-35-4	
cis-1,2-Dichloroethene	**346**	ug/kg	70.6	15.1	1	06/30/23 07:00	07/06/23 14:29	156-59-2	
trans-1,2-Dichloroethene	**53.4J**	ug/kg	70.6	15.2	1	06/30/23 07:00	07/06/23 14:29	156-60-5	
1,2-Dichloropropane	**<16.8**	ug/kg	70.6	16.8	1	06/30/23 07:00	07/06/23 14:29	78-87-5	
1,3-Dichloropropane	**<15.4**	ug/kg	70.6	15.4	1	06/30/23 07:00	07/06/23 14:29	142-28-9	
2,2-Dichloropropane	**<19.1**	ug/kg	70.6	19.1	1	06/30/23 07:00	07/06/23 14:29	594-20-7	
1,1-Dichloropropene	**<22.9**	ug/kg	70.6	22.9	1	06/30/23 07:00	07/06/23 14:29	563-58-6	
cis-1,3-Dichloropropene	**<46.6**	ug/kg	353	46.6	1	06/30/23 07:00	07/06/23 14:29	10061-01-5	
trans-1,3-Dichloropropene	**<202**	ug/kg	353	202	1	06/30/23 07:00	07/06/23 14:29	10061-02-6	
Diisopropyl ether	**<17.5**	ug/kg	70.6	17.5	1	06/30/23 07:00	07/06/23 14:29	108-20-3	
Ethylbenzene	**37.1J**	ug/kg	70.6	16.8	1	06/30/23 07:00	07/06/23 14:29	100-41-4	
Hexachloro-1,3-butadiene	**<140**	ug/kg	353	140	1	06/30/23 07:00	07/06/23 14:29	87-68-3	
Isopropylbenzene (Cumene)	**<19.1**	ug/kg	70.6	19.1	1	06/30/23 07:00	07/06/23 14:29	98-82-8	
p-Isopropyltoluene	**22.7J**	ug/kg	70.6	21.5	1	06/30/23 07:00	07/06/23 14:29	99-87-6	
Methylene Chloride	**<19.6**	ug/kg	70.6	19.6	1	06/30/23 07:00	07/06/23 14:29	75-09-2	
Methyl-tert-butyl ether	**<20.8**	ug/kg	70.6	20.8	1	06/30/23 07:00	07/06/23 14:29	1634-04-4	
Naphthalene	**<22.0**	ug/kg	353	22.0	1	06/30/23 07:00	07/06/23 14:29	91-20-3	
n-Propylbenzene	**18.5J**	ug/kg	70.6	16.9	1	06/30/23 07:00	07/06/23 14:29	103-65-1	
Styrene	**32.4J**	ug/kg	70.6	18.1	1	06/30/23 07:00	07/06/23 14:29	100-42-5	
1,1,1,2-Tetrachloroethane	**<16.9**	ug/kg	70.6	16.9	1	06/30/23 07:00	07/06/23 14:29	630-20-6	
1,1,2,2-Tetrachloroethane	**<25.6**	ug/kg	70.6	25.6	1	06/30/23 07:00	07/06/23 14:29	79-34-5	
Tetrachloroethene	**474**	ug/kg	70.6	27.4	1	06/30/23 07:00	07/06/23 14:29	127-18-4	
Toluene	**47.9J**	ug/kg	70.6	17.8	1	06/30/23 07:00	07/06/23 14:29	108-88-3	
1,2,3-Trichlorobenzene	**<78.6**	ug/kg	353	78.6	1	06/30/23 07:00	07/06/23 14:29	87-61-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB3 2-3 **Lab ID: 40264454007** Collected: 06/27/23 13:40 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,2,4-Trichlorobenzene	**<58.2**	ug/kg	353	58.2	1	06/30/23 07:00	07/06/23 14:29	120-82-1	
1,1,1-Trichloroethane	**507**	ug/kg	70.6	18.1	1	06/30/23 07:00	07/06/23 14:29	71-55-6	
1,1,2-Trichloroethane	**<25.7**	ug/kg	70.6	25.7	1	06/30/23 07:00	07/06/23 14:29	79-00-5	
Trichloroethene	**3720**	ug/kg	70.6	26.4	1	06/30/23 07:00	07/06/23 14:29	79-01-6	
Trichlorofluoromethane	**32.9J**	ug/kg	70.6	20.5	1	06/30/23 07:00	07/06/23 14:29	75-69-4	
1,2,3-Trichloropropane	**<34.3**	ug/kg	70.6	34.3	1	06/30/23 07:00	07/06/23 14:29	96-18-4	
1,2,4-Trimethylbenzene	**156**	ug/kg	70.6	21.0	1	06/30/23 07:00	07/06/23 14:29	95-63-6	
1,3,5-Trimethylbenzene	**56.0J**	ug/kg	70.6	22.7	1	06/30/23 07:00	07/06/23 14:29	108-67-8	
Vinyl chloride	**<14.3**	ug/kg	70.6	14.3	1	06/30/23 07:00	07/06/23 14:29	75-01-4	
m&p-Xylene	**123J**	ug/kg	141	29.8	1	06/30/23 07:00	07/06/23 14:29	179601-23-1	
o-Xylene	**85.3**	ug/kg	70.6	21.2	1	06/30/23 07:00	07/06/23 14:29	95-47-6	
Surrogates									
Toluene-d8 (S)	111	%	69-153		1	06/30/23 07:00	07/06/23 14:29	2037-26-5	
4-Bromofluorobenzene (S)	101	%	68-156		1	06/30/23 07:00	07/06/23 14:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	112	%	71-161		1	06/30/23 07:00	07/06/23 14:29	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**17.1**	%	0.10	0.10	1		06/29/23 15:53		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB3 4-5 **Lab ID: 40264454008** Collected: 06/27/23 13:45 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**5.7**	mg/kg	2.7	1.6	1	06/30/23 06:26	07/03/23 14:35	7440-38-2	
Barium	**255**	mg/kg	0.54	0.16	1	06/30/23 06:26	07/03/23 14:35	7440-39-3	
Cadmium	**3.3**	mg/kg	0.54	0.14	1	06/30/23 06:26	07/03/23 14:35	7440-43-9	
Chromium	**124**	mg/kg	1.1	0.30	1	06/30/23 06:26	07/03/23 14:35	7440-47-3	
Lead	**696**	mg/kg	2.2	0.65	1	06/30/23 06:26	07/03/23 14:35	7439-92-1	
Selenium	**<1.4**	mg/kg	4.3	1.4	1	06/30/23 06:26	07/03/23 14:35	7782-49-2	
Silver	**<0.33**	mg/kg	1.1	0.33	1	06/30/23 06:26	07/03/23 14:35	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.30**	mg/kg	0.038	0.011	1	07/06/23 08:45	07/07/23 10:41	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**<2.4**	ug/kg	18.7	2.4	1	07/10/23 09:05	07/10/23 19:06	83-32-9	
Acenaphthylene	**<2.4**	ug/kg	18.7	2.4	1	07/10/23 09:05	07/10/23 19:06	208-96-8	
Anthracene	**3.9J**	ug/kg	18.7	2.3	1	07/10/23 09:05	07/10/23 19:06	120-12-7	
Benzo(a)anthracene	**20.3**	ug/kg	18.7	2.4	1	07/10/23 09:05	07/10/23 19:06	56-55-3	
Benzo(a)pyrene	**24.3**	ug/kg	18.7	2.1	1	07/10/23 09:05	07/10/23 19:06	50-32-8	
Benzo(b)fluoranthene	**36.7**	ug/kg	18.7	2.6	1	07/10/23 09:05	07/10/23 19:06	205-99-2	
Benzo(g,h,i)perylene	**15.2J**	ug/kg	18.7	3.3	1	07/10/23 09:05	07/10/23 19:06	191-24-2	
Benzo(k)fluoranthene	**14.8J**	ug/kg	18.7	2.4	1	07/10/23 09:05	07/10/23 19:06	207-08-9	
Chrysene	**30.4**	ug/kg	18.7	3.5	1	07/10/23 09:05	07/10/23 19:06	218-01-9	
Dibenz(a,h)anthracene	**4.4J**	ug/kg	18.7	2.6	1	07/10/23 09:05	07/10/23 19:06	53-70-3	
Fluoranthene	**54.3**	ug/kg	18.7	2.2	1	07/10/23 09:05	07/10/23 19:06	206-44-0	
Fluorene	**<2.2**	ug/kg	18.7	2.2	1	07/10/23 09:05	07/10/23 19:06	86-73-7	
Indeno(1,2,3-cd)pyrene	**13.3J**	ug/kg	18.7	3.9	1	07/10/23 09:05	07/10/23 19:06	193-39-5	
1-Methylnaphthalene	**3.1J**	ug/kg	18.7	2.7	1	07/10/23 09:05	07/10/23 19:06	90-12-0	
2-Methylnaphthalene	**4.1J**	ug/kg	18.7	2.7	1	07/10/23 09:05	07/10/23 19:06	91-57-6	
Naphthalene	**10.2J**	ug/kg	18.7	1.8	1	07/10/23 09:05	07/10/23 19:06	91-20-3	
Phenanthrene	**24.8**	ug/kg	18.7	2.1	1	07/10/23 09:05	07/10/23 19:06	85-01-8	
Pyrene	**38.9**	ug/kg	18.7	2.7	1	07/10/23 09:05	07/10/23 19:06	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	78	%	41-98		1	07/10/23 09:05	07/10/23 19:06	321-60-8	
Terphenyl-d14 (S)	79	%	37-106		1	07/10/23 09:05	07/10/23 19:06	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<14.8**	ug/kg	24.8	14.8	1	06/30/23 07:00	07/06/23 12:15	71-43-2	
Bromobenzene	**<24.2**	ug/kg	62.0	24.2	1	06/30/23 07:00	07/06/23 12:15	108-86-1	
Bromochloromethane	**<17.0**	ug/kg	62.0	17.0	1	06/30/23 07:00	07/06/23 12:15	74-97-5	
Bromodichloromethane	**<14.8**	ug/kg	62.0	14.8	1	06/30/23 07:00	07/06/23 12:15	75-27-4	
Bromoform	**<273**	ug/kg	310	273	1	06/30/23 07:00	07/06/23 12:15	75-25-2	
Bromomethane	**<86.9**	ug/kg	310	86.9	1	06/30/23 07:00	07/06/23 12:15	74-83-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB3 4-5 **Lab ID: 40264454008** Collected: 06/27/23 13:45 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
n-Butylbenzene	**<28.4**	ug/kg	62.0	28.4	1	06/30/23 07:00	07/06/23 12:15	104-51-8	
sec-Butylbenzene	**<15.1**	ug/kg	62.0	15.1	1	06/30/23 07:00	07/06/23 12:15	135-98-8	
tert-Butylbenzene	**<19.5**	ug/kg	62.0	19.5	1	06/30/23 07:00	07/06/23 12:15	98-06-6	
Carbon tetrachloride	**<13.6**	ug/kg	62.0	13.6	1	06/30/23 07:00	07/06/23 12:15	56-23-5	
Chlorobenzene	**<7.4**	ug/kg	62.0	7.4	1	06/30/23 07:00	07/06/23 12:15	108-90-7	
Chloroethane	**<26.2**	ug/kg	310	26.2	1	06/30/23 07:00	07/06/23 12:15	75-00-3	
Chloroform	**<44.4**	ug/kg	310	44.4	1	06/30/23 07:00	07/06/23 12:15	67-66-3	
Chloromethane	**<23.6**	ug/kg	62.0	23.6	1	06/30/23 07:00	07/06/23 12:15	74-87-3	
2-Chlorotoluene	**<20.1**	ug/kg	62.0	20.1	1	06/30/23 07:00	07/06/23 12:15	95-49-8	
4-Chlorotoluene	**<23.6**	ug/kg	62.0	23.6	1	06/30/23 07:00	07/06/23 12:15	106-43-4	
1,2-Dibromo-3-chloropropane	**<48.1**	ug/kg	310	48.1	1	06/30/23 07:00	07/06/23 12:15	96-12-8	
Dibromochloromethane	**<212**	ug/kg	310	212	1	06/30/23 07:00	07/06/23 12:15	124-48-1	
1,2-Dibromoethane (EDB)	**<17.0**	ug/kg	62.0	17.0	1	06/30/23 07:00	07/06/23 12:15	106-93-4	
Dibromomethane	**<18.3**	ug/kg	62.0	18.3	1	06/30/23 07:00	07/06/23 12:15	74-95-3	
1,2-Dichlorobenzene	**<19.2**	ug/kg	62.0	19.2	1	06/30/23 07:00	07/06/23 12:15	95-50-1	
1,3-Dichlorobenzene	**<17.0**	ug/kg	62.0	17.0	1	06/30/23 07:00	07/06/23 12:15	541-73-1	
1,4-Dichlorobenzene	**<17.0**	ug/kg	62.0	17.0	1	06/30/23 07:00	07/06/23 12:15	106-46-7	
Dichlorodifluoromethane	**<26.7**	ug/kg	62.0	26.7	1	06/30/23 07:00	07/06/23 12:15	75-71-8	
1,1-Dichloroethane	**18.7J**	ug/kg	62.0	15.9	1	06/30/23 07:00	07/06/23 12:15	75-34-3	
1,2-Dichloroethane	**<14.3**	ug/kg	62.0	14.3	1	06/30/23 07:00	07/06/23 12:15	107-06-2	
1,1-Dichloroethene	**<20.6**	ug/kg	62.0	20.6	1	06/30/23 07:00	07/06/23 12:15	75-35-4	
cis-1,2-Dichloroethene	**20.8J**	ug/kg	62.0	13.3	1	06/30/23 07:00	07/06/23 12:15	156-59-2	
trans-1,2-Dichloroethene	**<13.4**	ug/kg	62.0	13.4	1	06/30/23 07:00	07/06/23 12:15	156-60-5	
1,2-Dichloropropane	**<14.8**	ug/kg	62.0	14.8	1	06/30/23 07:00	07/06/23 12:15	78-87-5	
1,3-Dichloropropane	**<13.5**	ug/kg	62.0	13.5	1	06/30/23 07:00	07/06/23 12:15	142-28-9	
2,2-Dichloropropane	**<16.7**	ug/kg	62.0	16.7	1	06/30/23 07:00	07/06/23 12:15	594-20-7	
1,1-Dichloropropene	**<20.1**	ug/kg	62.0	20.1	1	06/30/23 07:00	07/06/23 12:15	563-58-6	
cis-1,3-Dichloropropene	**<40.9**	ug/kg	310	40.9	1	06/30/23 07:00	07/06/23 12:15	10061-01-5	
trans-1,3-Dichloropropene	**<177**	ug/kg	310	177	1	06/30/23 07:00	07/06/23 12:15	10061-02-6	
Diisopropyl ether	**<15.4**	ug/kg	62.0	15.4	1	06/30/23 07:00	07/06/23 12:15	108-20-3	
Ethylbenzene	**<14.8**	ug/kg	62.0	14.8	1	06/30/23 07:00	07/06/23 12:15	100-41-4	
Hexachloro-1,3-butadiene	**<123**	ug/kg	310	123	1	06/30/23 07:00	07/06/23 12:15	87-68-3	
Isopropylbenzene (Cumene)	**<16.7**	ug/kg	62.0	16.7	1	06/30/23 07:00	07/06/23 12:15	98-82-8	
p-Isopropyltoluene	**<18.8**	ug/kg	62.0	18.8	1	06/30/23 07:00	07/06/23 12:15	99-87-6	
Methylene Chloride	**<17.2**	ug/kg	62.0	17.2	1	06/30/23 07:00	07/06/23 12:15	75-09-2	
Methyl-tert-butyl ether	**<18.2**	ug/kg	62.0	18.2	1	06/30/23 07:00	07/06/23 12:15	1634-04-4	
Naphthalene	**<19.3**	ug/kg	310	19.3	1	06/30/23 07:00	07/06/23 12:15	91-20-3	
n-Propylbenzene	**<14.9**	ug/kg	62.0	14.9	1	06/30/23 07:00	07/06/23 12:15	103-65-1	
Styrene	**<15.9**	ug/kg	62.0	15.9	1	06/30/23 07:00	07/06/23 12:15	100-42-5	
1,1,1,2-Tetrachloroethane	**<14.9**	ug/kg	62.0	14.9	1	06/30/23 07:00	07/06/23 12:15	630-20-6	
1,1,2,2-Tetrachloroethane	**<22.4**	ug/kg	62.0	22.4	1	06/30/23 07:00	07/06/23 12:15	79-34-5	
Tetrachloroethene	**<24.0**	ug/kg	62.0	24.0	1	06/30/23 07:00	07/06/23 12:15	127-18-4	
Toluene	**<15.6**	ug/kg	62.0	15.6	1	06/30/23 07:00	07/06/23 12:15	108-88-3	
1,2,3-Trichlorobenzene	**<69.0**	ug/kg	310	69.0	1	06/30/23 07:00	07/06/23 12:15	87-61-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB3 4-5 **Lab ID: 40264454008** Collected: 06/27/23 13:45 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,2,4-Trichlorobenzene	**<51.1**	ug/kg	310	51.1	1	06/30/23 07:00	07/06/23 12:15	120-82-1	
1,1,1-Trichloroethane	**132**	ug/kg	62.0	15.9	1	06/30/23 07:00	07/06/23 12:15	71-55-6	
1,1,2-Trichloroethane	**<22.6**	ug/kg	62.0	22.6	1	06/30/23 07:00	07/06/23 12:15	79-00-5	
Trichloroethene	**155**	ug/kg	62.0	23.2	1	06/30/23 07:00	07/06/23 12:15	79-01-6	
Trichlorofluoromethane	**<18.0**	ug/kg	62.0	18.0	1	06/30/23 07:00	07/06/23 12:15	75-69-4	
1,2,3-Trichloropropane	**<30.1**	ug/kg	62.0	30.1	1	06/30/23 07:00	07/06/23 12:15	96-18-4	
1,2,4-Trimethylbenzene	**<18.5**	ug/kg	62.0	18.5	1	06/30/23 07:00	07/06/23 12:15	95-63-6	
1,3,5-Trimethylbenzene	**<20.0**	ug/kg	62.0	20.0	1	06/30/23 07:00	07/06/23 12:15	108-67-8	
Vinyl chloride	**<12.5**	ug/kg	62.0	12.5	1	06/30/23 07:00	07/06/23 12:15	75-01-4	
m&p-Xylene	**51.9J**	ug/kg	124	26.2	1	06/30/23 07:00	07/06/23 12:15	179601-23-1	
o-Xylene	**66.3**	ug/kg	62.0	18.6	1	06/30/23 07:00	07/06/23 12:15	95-47-6	
Surrogates									
Toluene-d8 (S)	127	%	69-153		1	06/30/23 07:00	07/06/23 12:15	2037-26-5	
4-Bromofluorobenzene (S)	117	%	68-156		1	06/30/23 07:00	07/06/23 12:15	460-00-4	
1,2-Dichlorobenzene-d4 (S)	132	%	71-161		1	06/30/23 07:00	07/06/23 12:15	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**10.7**	%	0.10	0.10	1		06/29/23 15:53		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB4 2-3 **Lab ID: 40264454009** Collected: 06/27/23 13:55 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**5.8**	mg/kg	2.9	1.7	1	06/30/23 06:26	07/03/23 14:37	7440-38-2	
Barium	**146**	mg/kg	0.58	0.17	1	06/30/23 06:26	07/03/23 14:37	7440-39-3	
Cadmium	**2.4**	mg/kg	0.58	0.15	1	06/30/23 06:26	07/03/23 14:37	7440-43-9	
Chromium	**64.2**	mg/kg	1.2	0.32	1	06/30/23 06:26	07/03/23 14:37	7440-47-3	
Lead	**153**	mg/kg	2.3	0.69	1	06/30/23 06:26	07/03/23 14:37	7439-92-1	
Selenium	**<1.5**	mg/kg	4.6	1.5	1	06/30/23 06:26	07/03/23 14:37	7782-49-2	
Silver	**0.99J**	mg/kg	1.2	0.36	1	06/30/23 06:26	07/03/23 14:37	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.22**	mg/kg	0.040	0.011	1	07/07/23 12:24	07/10/23 07:15	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**28.5J**	ug/kg	98.1	12.7	5	07/10/23 09:05	07/11/23 18:30	83-32-9	
Acenaphthylene	**14.7J**	ug/kg	98.1	12.4	5	07/10/23 09:05	07/11/23 18:30	208-96-8	
Anthracene	**121**	ug/kg	98.1	12.2	5	07/10/23 09:05	07/11/23 18:30	120-12-7	
Benzo(a)anthracene	**579**	ug/kg	98.1	12.7	5	07/10/23 09:05	07/11/23 18:30	56-55-3	
Benzo(a)pyrene	**617**	ug/kg	98.1	11.1	5	07/10/23 09:05	07/11/23 18:30	50-32-8	
Benzo(b)fluoranthene	**1000**	ug/kg	98.1	13.6	5	07/10/23 09:05	07/11/23 18:30	205-99-2	
Benzo(g,h,i)perylene	**229**	ug/kg	98.1	17.2	5	07/10/23 09:05	07/11/23 18:30	191-24-2	
Benzo(k)fluoranthene	**362**	ug/kg	98.1	12.5	5	07/10/23 09:05	07/11/23 18:30	207-08-9	
Chrysene	**703**	ug/kg	98.1	18.5	5	07/10/23 09:05	07/11/23 18:30	218-01-9	
Dibenz(a,h)anthracene	**75.6J**	ug/kg	98.1	13.6	5	07/10/23 09:05	07/11/23 18:30	53-70-3	
Fluoranthene	**1400**	ug/kg	98.1	11.6	5	07/10/23 09:05	07/11/23 18:30	206-44-0	
Fluorene	**35.1J**	ug/kg	98.1	11.8	5	07/10/23 09:05	07/11/23 18:30	86-73-7	
Indeno(1,2,3-cd)pyrene	**220**	ug/kg	98.1	20.4	5	07/10/23 09:05	07/11/23 18:30	193-39-5	
1-Methylnaphthalene	**14.6J**	ug/kg	98.1	14.3	5	07/10/23 09:05	07/11/23 18:30	90-12-0	
2-Methylnaphthalene	**16.6J**	ug/kg	98.1	14.3	5	07/10/23 09:05	07/11/23 18:30	91-57-6	
Naphthalene	**24.4J**	ug/kg	98.1	9.6	5	07/10/23 09:05	07/11/23 18:30	91-20-3	
Phenanthrene	**633**	ug/kg	98.1	11.2	5	07/10/23 09:05	07/11/23 18:30	85-01-8	
Pyrene	**1080**	ug/kg	98.1	14.4	5	07/10/23 09:05	07/11/23 18:30	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	36	%	41-98		5	07/10/23 09:05	07/11/23 18:30	321-60-8	2q,S0
Terphenyl-d14 (S)	37	%	37-106		5	07/10/23 09:05	07/11/23 18:30	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<16.0**	ug/kg	26.9	16.0	1	06/30/23 07:00	07/06/23 12:35	71-43-2	
Bromobenzene	**<26.3**	ug/kg	67.4	26.3	1	06/30/23 07:00	07/06/23 12:35	108-86-1	
Bromochloromethane	**<18.5**	ug/kg	67.4	18.5	1	06/30/23 07:00	07/06/23 12:35	74-97-5	
Bromodichloromethane	**<16.0**	ug/kg	67.4	16.0	1	06/30/23 07:00	07/06/23 12:35	75-27-4	
Bromoform	**<296**	ug/kg	337	296	1	06/30/23 07:00	07/06/23 12:35	75-25-2	
Bromomethane	**<94.4**	ug/kg	337	94.4	1	06/30/23 07:00	07/06/23 12:35	74-83-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB4 2-3 **Lab ID: 40264454009** Collected: 06/27/23 13:55 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
n-Butylbenzene	**<30.8**	ug/kg	67.4	30.8	1	06/30/23 07:00	07/06/23 12:35	104-51-8	
sec-Butylbenzene	**<16.4**	ug/kg	67.4	16.4	1	06/30/23 07:00	07/06/23 12:35	135-98-8	
tert-Butylbenzene	**<21.1**	ug/kg	67.4	21.1	1	06/30/23 07:00	07/06/23 12:35	98-06-6	
Carbon tetrachloride	**<14.8**	ug/kg	67.4	14.8	1	06/30/23 07:00	07/06/23 12:35	56-23-5	
Chlorobenzene	**<8.1**	ug/kg	67.4	8.1	1	06/30/23 07:00	07/06/23 12:35	108-90-7	
Chloroethane	**<28.4**	ug/kg	337	28.4	1	06/30/23 07:00	07/06/23 12:35	75-00-3	
Chloroform	**<48.2**	ug/kg	337	48.2	1	06/30/23 07:00	07/06/23 12:35	67-66-3	
Chloromethane	**<25.6**	ug/kg	67.4	25.6	1	06/30/23 07:00	07/06/23 12:35	74-87-3	
2-Chlorotoluene	**<21.8**	ug/kg	67.4	21.8	1	06/30/23 07:00	07/06/23 12:35	95-49-8	
4-Chlorotoluene	**<25.6**	ug/kg	67.4	25.6	1	06/30/23 07:00	07/06/23 12:35	106-43-4	
1,2-Dibromo-3-chloropropane	**<52.3**	ug/kg	337	52.3	1	06/30/23 07:00	07/06/23 12:35	96-12-8	
Dibromochloromethane	**<230**	ug/kg	337	230	1	06/30/23 07:00	07/06/23 12:35	124-48-1	
1,2-Dibromoethane (EDB)	**<18.5**	ug/kg	67.4	18.5	1	06/30/23 07:00	07/06/23 12:35	106-93-4	
Dibromomethane	**<19.9**	ug/kg	67.4	19.9	1	06/30/23 07:00	07/06/23 12:35	74-95-3	
1,2-Dichlorobenzene	**<20.9**	ug/kg	67.4	20.9	1	06/30/23 07:00	07/06/23 12:35	95-50-1	
1,3-Dichlorobenzene	**<18.5**	ug/kg	67.4	18.5	1	06/30/23 07:00	07/06/23 12:35	541-73-1	
1,4-Dichlorobenzene	**<18.5**	ug/kg	67.4	18.5	1	06/30/23 07:00	07/06/23 12:35	106-46-7	
Dichlorodifluoromethane	**<29.0**	ug/kg	67.4	29.0	1	06/30/23 07:00	07/06/23 12:35	75-71-8	
1,1-Dichloroethane	**49.7J**	ug/kg	67.4	17.2	1	06/30/23 07:00	07/06/23 12:35	75-34-3	
1,2-Dichloroethane	**<15.5**	ug/kg	67.4	15.5	1	06/30/23 07:00	07/06/23 12:35	107-06-2	
1,1-Dichloroethene	**<22.4**	ug/kg	67.4	22.4	1	06/30/23 07:00	07/06/23 12:35	75-35-4	
cis-1,2-Dichloroethene	**769**	ug/kg	67.4	14.4	1	06/30/23 07:00	07/06/23 12:35	156-59-2	
trans-1,2-Dichloroethene	**36.9J**	ug/kg	67.4	14.5	1	06/30/23 07:00	07/06/23 12:35	156-60-5	
1,2-Dichloropropane	**<16.0**	ug/kg	67.4	16.0	1	06/30/23 07:00	07/06/23 12:35	78-87-5	
1,3-Dichloropropane	**<14.7**	ug/kg	67.4	14.7	1	06/30/23 07:00	07/06/23 12:35	142-28-9	
2,2-Dichloropropane	**<18.2**	ug/kg	67.4	18.2	1	06/30/23 07:00	07/06/23 12:35	594-20-7	
1,1-Dichloropropene	**<21.8**	ug/kg	67.4	21.8	1	06/30/23 07:00	07/06/23 12:35	563-58-6	
cis-1,3-Dichloropropene	**<44.5**	ug/kg	337	44.5	1	06/30/23 07:00	07/06/23 12:35	10061-01-5	
trans-1,3-Dichloropropene	**<193**	ug/kg	337	193	1	06/30/23 07:00	07/06/23 12:35	10061-02-6	
Diisopropyl ether	**<16.7**	ug/kg	67.4	16.7	1	06/30/23 07:00	07/06/23 12:35	108-20-3	
Ethylbenzene	**31.9J**	ug/kg	67.4	16.0	1	06/30/23 07:00	07/06/23 12:35	100-41-4	
Hexachloro-1,3-butadiene	**<134**	ug/kg	337	134	1	06/30/23 07:00	07/06/23 12:35	87-68-3	
Isopropylbenzene (Cumene)	**<18.2**	ug/kg	67.4	18.2	1	06/30/23 07:00	07/06/23 12:35	98-82-8	
p-Isopropyltoluene	**<20.5**	ug/kg	67.4	20.5	1	06/30/23 07:00	07/06/23 12:35	99-87-6	
Methylene Chloride	**<18.7**	ug/kg	67.4	18.7	1	06/30/23 07:00	07/06/23 12:35	75-09-2	
Methyl-tert-butyl ether	**<19.8**	ug/kg	67.4	19.8	1	06/30/23 07:00	07/06/23 12:35	1634-04-4	
Naphthalene	**<21.0**	ug/kg	337	21.0	1	06/30/23 07:00	07/06/23 12:35	91-20-3	
n-Propylbenzene	**17.3J**	ug/kg	67.4	16.2	1	06/30/23 07:00	07/06/23 12:35	103-65-1	
Styrene	**<17.2**	ug/kg	67.4	17.2	1	06/30/23 07:00	07/06/23 12:35	100-42-5	
1,1,1,2-Tetrachloroethane	**<16.2**	ug/kg	67.4	16.2	1	06/30/23 07:00	07/06/23 12:35	630-20-6	
1,1,2,2-Tetrachloroethane	**<24.4**	ug/kg	67.4	24.4	1	06/30/23 07:00	07/06/23 12:35	79-34-5	
Tetrachloroethene	**54.4J**	ug/kg	67.4	26.1	1	06/30/23 07:00	07/06/23 12:35	127-18-4	
Toluene	**59.2J**	ug/kg	67.4	17.0	1	06/30/23 07:00	07/06/23 12:35	108-88-3	
1,2,3-Trichlorobenzene	**<75.0**	ug/kg	337	75.0	1	06/30/23 07:00	07/06/23 12:35	87-61-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB4 2-3 **Lab ID: 40264454009** Collected: 06/27/23 13:55 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,2,4-Trichlorobenzene	**<55.5**	ug/kg	337	55.5	1	06/30/23 07:00	07/06/23 12:35	120-82-1	
1,1,1-Trichloroethane	**132**	ug/kg	67.4	17.2	1	06/30/23 07:00	07/06/23 12:35	71-55-6	
1,1,2-Trichloroethane	**<24.5**	ug/kg	67.4	24.5	1	06/30/23 07:00	07/06/23 12:35	79-00-5	
Trichloroethene	**618**	ug/kg	67.4	25.2	1	06/30/23 07:00	07/06/23 12:35	79-01-6	
Trichlorofluoromethane	**50.8J**	ug/kg	67.4	19.5	1	06/30/23 07:00	07/06/23 12:35	75-69-4	
1,2,3-Trichloropropane	**<32.7**	ug/kg	67.4	32.7	1	06/30/23 07:00	07/06/23 12:35	96-18-4	
1,2,4-Trimethylbenzene	**180**	ug/kg	67.4	20.1	1	06/30/23 07:00	07/06/23 12:35	95-63-6	
1,3,5-Trimethylbenzene	**47.5J**	ug/kg	67.4	21.7	1	06/30/23 07:00	07/06/23 12:35	108-67-8	
Vinyl chloride	**<13.6**	ug/kg	67.4	13.6	1	06/30/23 07:00	07/06/23 12:35	75-01-4	
m&p-Xylene	**140**	ug/kg	135	28.4	1	06/30/23 07:00	07/06/23 12:35	179601-23-1	
o-Xylene	**69.6**	ug/kg	67.4	20.2	1	06/30/23 07:00	07/06/23 12:35	95-47-6	
Surrogates									
Toluene-d8 (S)	125	%	69-153		1	06/30/23 07:00	07/06/23 12:35	2037-26-5	
4-Bromofluorobenzene (S)	120	%	68-156		1	06/30/23 07:00	07/06/23 12:35	460-00-4	
1,2-Dichlorobenzene-d4 (S)	136	%	71-161		1	06/30/23 07:00	07/06/23 12:35	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**14.8**	%	0.10	0.10	1		06/29/23 15:53		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB4 4-5 **Lab ID: 40264454010** Collected: 06/27/23 14:05 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**5.6**	mg/kg	2.7	1.6	1	06/30/23 06:26	07/03/23 14:39	7440-38-2	
Barium	**80.7**	mg/kg	0.54	0.16	1	06/30/23 06:26	07/03/23 14:39	7440-39-3	
Cadmium	**0.85**	mg/kg	0.54	0.14	1	06/30/23 06:26	07/03/23 14:39	7440-43-9	
Chromium	**30.5**	mg/kg	1.1	0.30	1	06/30/23 06:26	07/03/23 14:39	7440-47-3	
Lead	**54.0**	mg/kg	2.2	0.65	1	06/30/23 06:26	07/03/23 14:39	7439-92-1	
Selenium	**<1.4**	mg/kg	4.3	1.4	1	06/30/23 06:26	07/03/23 14:39	7782-49-2	
Silver	**<0.33**	mg/kg	1.1	0.33	1	06/30/23 06:26	07/03/23 14:39	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.13**	mg/kg	0.037	0.011	1	07/07/23 12:24	07/10/23 07:17	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**<2.4**	ug/kg	18.6	2.4	1	07/10/23 09:05	07/10/23 19:23	83-32-9	
Acenaphthylene	**6.2J**	ug/kg	18.6	2.3	1	07/10/23 09:05	07/10/23 19:23	208-96-8	
Anthracene	**7.9J**	ug/kg	18.6	2.3	1	07/10/23 09:05	07/10/23 19:23	120-12-7	
Benzo(a)anthracene	**44.5**	ug/kg	18.6	2.4	1	07/10/23 09:05	07/10/23 19:23	56-55-3	
Benzo(a)pyrene	**51.3**	ug/kg	18.6	2.1	1	07/10/23 09:05	07/10/23 19:23	50-32-8	
Benzo(b)fluoranthene	**72.6**	ug/kg	18.6	2.6	1	07/10/23 09:05	07/10/23 19:23	205-99-2	
Benzo(g,h,i)perylene	**42.9**	ug/kg	18.6	3.3	1	07/10/23 09:05	07/10/23 19:23	191-24-2	
Benzo(k)fluoranthene	**24.3**	ug/kg	18.6	2.4	1	07/10/23 09:05	07/10/23 19:23	207-08-9	
Chrysene	**47.5**	ug/kg	18.6	3.5	1	07/10/23 09:05	07/10/23 19:23	218-01-9	
Dibenz(a,h)anthracene	**10.6J**	ug/kg	18.6	2.6	1	07/10/23 09:05	07/10/23 19:23	53-70-3	
Fluoranthene	**79.8**	ug/kg	18.6	2.2	1	07/10/23 09:05	07/10/23 19:23	206-44-0	
Fluorene	**<2.2**	ug/kg	18.6	2.2	1	07/10/23 09:05	07/10/23 19:23	86-73-7	
Indeno(1,2,3-cd)pyrene	**32.2**	ug/kg	18.6	3.9	1	07/10/23 09:05	07/10/23 19:23	193-39-5	
1-Methylnaphthalene	**<2.7**	ug/kg	18.6	2.7	1	07/10/23 09:05	07/10/23 19:23	90-12-0	
2-Methylnaphthalene	**<2.7**	ug/kg	18.6	2.7	1	07/10/23 09:05	07/10/23 19:23	91-57-6	
Naphthalene	**4.2J**	ug/kg	18.6	1.8	1	07/10/23 09:05	07/10/23 19:23	91-20-3	
Phenanthrene	**41.5**	ug/kg	18.6	2.1	1	07/10/23 09:05	07/10/23 19:23	85-01-8	
Pyrene	**62.9**	ug/kg	18.6	2.7	1	07/10/23 09:05	07/10/23 19:23	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	69	%	41-98		1	07/10/23 09:05	07/10/23 19:23	321-60-8	
Terphenyl-d14 (S)	58	%	37-106		1	07/10/23 09:05	07/10/23 19:23	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<14.6**	ug/kg	24.6	14.6	1	06/30/23 07:00	07/03/23 17:34	71-43-2	
Bromobenzene	**<24.0**	ug/kg	61.5	24.0	1	06/30/23 07:00	07/03/23 17:34	108-86-1	
Bromochloromethane	**<16.8**	ug/kg	61.5	16.8	1	06/30/23 07:00	07/03/23 17:34	74-97-5	
Bromodichloromethane	**<14.6**	ug/kg	61.5	14.6	1	06/30/23 07:00	07/03/23 17:34	75-27-4	
Bromoform	**<270**	ug/kg	307	270	1	06/30/23 07:00	07/03/23 17:34	75-25-2	
Bromomethane	**<86.2**	ug/kg	307	86.2	1	06/30/23 07:00	07/03/23 17:34	74-83-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB4 4-5 **Lab ID: 40264454010** Collected: 06/27/23 14:05 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
n-Butylbenzene	**<28.2**	ug/kg	61.5	28.2	1	06/30/23 07:00	07/03/23 17:34	104-51-8	
sec-Butylbenzene	**<15.0**	ug/kg	61.5	15.0	1	06/30/23 07:00	07/03/23 17:34	135-98-8	
tert-Butylbenzene	**<19.3**	ug/kg	61.5	19.3	1	06/30/23 07:00	07/03/23 17:34	98-06-6	
Carbon tetrachloride	**<13.5**	ug/kg	61.5	13.5	1	06/30/23 07:00	07/03/23 17:34	56-23-5	
Chlorobenzene	**<7.4**	ug/kg	61.5	7.4	1	06/30/23 07:00	07/03/23 17:34	108-90-7	
Chloroethane	**<25.9**	ug/kg	307	25.9	1	06/30/23 07:00	07/03/23 17:34	75-00-3	
Chloroform	**<44.0**	ug/kg	307	44.0	1	06/30/23 07:00	07/03/23 17:34	67-66-3	
Chloromethane	**<23.4**	ug/kg	61.5	23.4	1	06/30/23 07:00	07/03/23 17:34	74-87-3	
2-Chlorotoluene	**<19.9**	ug/kg	61.5	19.9	1	06/30/23 07:00	07/03/23 17:34	95-49-8	
4-Chlorotoluene	**<23.4**	ug/kg	61.5	23.4	1	06/30/23 07:00	07/03/23 17:34	106-43-4	
1,2-Dibromo-3-chloropropane	**<47.7**	ug/kg	307	47.7	1	06/30/23 07:00	07/03/23 17:34	96-12-8	
Dibromochloromethane	**<210**	ug/kg	307	210	1	06/30/23 07:00	07/03/23 17:34	124-48-1	
1,2-Dibromoethane (EDB)	**<16.8**	ug/kg	61.5	16.8	1	06/30/23 07:00	07/03/23 17:34	106-93-4	
Dibromomethane	**<18.2**	ug/kg	61.5	18.2	1	06/30/23 07:00	07/03/23 17:34	74-95-3	
1,2-Dichlorobenzene	**<19.1**	ug/kg	61.5	19.1	1	06/30/23 07:00	07/03/23 17:34	95-50-1	
1,3-Dichlorobenzene	**<16.8**	ug/kg	61.5	16.8	1	06/30/23 07:00	07/03/23 17:34	541-73-1	
1,4-Dichlorobenzene	**<16.8**	ug/kg	61.5	16.8	1	06/30/23 07:00	07/03/23 17:34	106-46-7	
Dichlorodifluoromethane	**<26.4**	ug/kg	61.5	26.4	1	06/30/23 07:00	07/03/23 17:34	75-71-8	
1,1-Dichloroethane	**<15.7**	ug/kg	61.5	15.7	1	06/30/23 07:00	07/03/23 17:34	75-34-3	
1,2-Dichloroethane	**<14.1**	ug/kg	61.5	14.1	1	06/30/23 07:00	07/03/23 17:34	107-06-2	
1,1-Dichloroethene	**<20.4**	ug/kg	61.5	20.4	1	06/30/23 07:00	07/03/23 17:34	75-35-4	
cis-1,2-Dichloroethene	**<13.2**	ug/kg	61.5	13.2	1	06/30/23 07:00	07/03/23 17:34	156-59-2	
trans-1,2-Dichloroethene	**<13.3**	ug/kg	61.5	13.3	1	06/30/23 07:00	07/03/23 17:34	156-60-5	
1,2-Dichloropropane	**<14.6**	ug/kg	61.5	14.6	1	06/30/23 07:00	07/03/23 17:34	78-87-5	
1,3-Dichloropropane	**<13.4**	ug/kg	61.5	13.4	1	06/30/23 07:00	07/03/23 17:34	142-28-9	
2,2-Dichloropropane	**<16.6**	ug/kg	61.5	16.6	1	06/30/23 07:00	07/03/23 17:34	594-20-7	
1,1-Dichloropropene	**<19.9**	ug/kg	61.5	19.9	1	06/30/23 07:00	07/03/23 17:34	563-58-6	
cis-1,3-Dichloropropene	**<40.6**	ug/kg	307	40.6	1	06/30/23 07:00	07/03/23 17:34	10061-01-5	
trans-1,3-Dichloropropene	**<176**	ug/kg	307	176	1	06/30/23 07:00	07/03/23 17:34	10061-02-6	
Diisopropyl ether	**<15.2**	ug/kg	61.5	15.2	1	06/30/23 07:00	07/03/23 17:34	108-20-3	
Ethylbenzene	**<14.6**	ug/kg	61.5	14.6	1	06/30/23 07:00	07/03/23 17:34	100-41-4	
Hexachloro-1,3-butadiene	**<122**	ug/kg	307	122	1	06/30/23 07:00	07/03/23 17:34	87-68-3	
Isopropylbenzene (Cumene)	**<16.6**	ug/kg	61.5	16.6	1	06/30/23 07:00	07/03/23 17:34	98-82-8	
p-Isopropyltoluene	**<18.7**	ug/kg	61.5	18.7	1	06/30/23 07:00	07/03/23 17:34	99-87-6	
Methylene Chloride	**<17.1**	ug/kg	61.5	17.1	1	06/30/23 07:00	07/03/23 17:34	75-09-2	
Methyl-tert-butyl ether	**<18.1**	ug/kg	61.5	18.1	1	06/30/23 07:00	07/03/23 17:34	1634-04-4	
Naphthalene	**<19.2**	ug/kg	307	19.2	1	06/30/23 07:00	07/03/23 17:34	91-20-3	
n-Propylbenzene	**<14.8**	ug/kg	61.5	14.8	1	06/30/23 07:00	07/03/23 17:34	103-65-1	
Styrene	**<15.7**	ug/kg	61.5	15.7	1	06/30/23 07:00	07/03/23 17:34	100-42-5	
1,1,1,2-Tetrachloroethane	**<14.8**	ug/kg	61.5	14.8	1	06/30/23 07:00	07/03/23 17:34	630-20-6	
1,1,2,2-Tetrachloroethane	**<22.2**	ug/kg	61.5	22.2	1	06/30/23 07:00	07/03/23 17:34	79-34-5	
Tetrachloroethene	**<23.8**	ug/kg	61.5	23.8	1	06/30/23 07:00	07/03/23 17:34	127-18-4	
Toluene	**18.5J**	ug/kg	61.5	15.5	1	06/30/23 07:00	07/03/23 17:34	108-88-3	
1,2,3-Trichlorobenzene	**<68.5**	ug/kg	307	68.5	1	06/30/23 07:00	07/03/23 17:34	87-61-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40264454

Sample: LFSB4 4-5 **Lab ID: 40264454010** Collected: 06/27/23 14:05 Received: 06/29/23 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,2,4-Trichlorobenzene	**<50.6**	ug/kg	307	50.6	1	06/30/23 07:00	07/03/23 17:34	120-82-1	
1,1,1-Trichloroethane	**41.1J**	ug/kg	61.5	15.7	1	06/30/23 07:00	07/03/23 17:34	71-55-6	
1,1,2-Trichloroethane	**<22.4**	ug/kg	61.5	22.4	1	06/30/23 07:00	07/03/23 17:34	79-00-5	
Trichloroethene	**91.1**	ug/kg	61.5	23.0	1	06/30/23 07:00	07/03/23 17:34	79-01-6	
Trichlorofluoromethane	**<17.8**	ug/kg	61.5	17.8	1	06/30/23 07:00	07/03/23 17:34	75-69-4	
1,2,3-Trichloropropane	**<29.9**	ug/kg	61.5	29.9	1	06/30/23 07:00	07/03/23 17:34	96-18-4	
1,2,4-Trimethylbenzene	**<18.3**	ug/kg	61.5	18.3	1	06/30/23 07:00	07/03/23 17:34	95-63-6	
1,3,5-Trimethylbenzene	**<19.8**	ug/kg	61.5	19.8	1	06/30/23 07:00	07/03/23 17:34	108-67-8	
Vinyl chloride	**<12.4**	ug/kg	61.5	12.4	1	06/30/23 07:00	07/03/23 17:34	75-01-4	
m&p-Xylene	**<25.9**	ug/kg	123	25.9	1	06/30/23 07:00	07/03/23 17:34	179601-23-1	
o-Xylene	**<18.4**	ug/kg	61.5	18.4	1	06/30/23 07:00	07/03/23 17:34	95-47-6	
Surrogates									
Toluene-d8 (S)	136	%	69-153		1	06/30/23 07:00	07/03/23 17:34	2037-26-5	
4-Bromofluorobenzene (S)	131	%	68-156		1	06/30/23 07:00	07/03/23 17:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	143	%	71-161		1	06/30/23 07:00	07/03/23 17:34	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**10.3**	%	0.10	0.10	1		06/29/23 15:54		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: DF
Pace Project No.: 40264454

QC Batch: 448996
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40264454001, 40264454002, 40264454003, 40264454004, 40264454005, 40264454006, 40264454007, 40264454008

METHOD BLANK: 2579017 Matrix: Solid
Associated Lab Samples: 40264454001, 40264454002, 40264454003, 40264454004, 40264454005, 40264454006, 40264454007, 40264454008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	07/07/23 09:38	

LABORATORY CONTROL SAMPLE: 2579018

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.73	88	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2579019 2579020

Parameter	Units	40264526011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.041	0.97	0.97	0.92	0.92	91	90	85-115	0	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: DF
Pace Project No.: 40264454

QC Batch: 449206
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40264454009, 40264454010

METHOD BLANK: 2580109 Matrix: Solid
Associated Lab Samples: 40264454009, 40264454010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	07/10/23 06:59	

LABORATORY CONTROL SAMPLE: 2580110

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.86	103	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2580111 2580112

Parameter	Units	10659996001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	0.89	0.89	0.92	0.92	104	104	85-115	0	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: DF
Pace Project No.: 40264454

QC Batch: 448760
QC Batch Method: EPA 3050B
Analysis Method: EPA 6010D
Analysis Description: 6010D MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40264454001, 40264454002, 40264454003, 40264454004, 40264454005, 40264454006, 40264454007, 40264454008, 40264454009, 40264454010

METHOD BLANK: 2577691 Matrix: Solid
Associated Lab Samples: 40264454001, 40264454002, 40264454003, 40264454004, 40264454005, 40264454006, 40264454007, 40264454008, 40264454009, 40264454010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.5	2.5	07/03/23 13:47	
Barium	mg/kg	<0.15	0.50	07/03/23 13:47	
Cadmium	mg/kg	<0.13	0.50	07/03/23 13:47	
Chromium	mg/kg	<0.28	1.0	07/03/23 13:47	
Lead	mg/kg	<0.60	2.0	07/03/23 13:47	
Selenium	mg/kg	<1.3	4.0	07/03/23 13:47	
Silver	mg/kg	<0.31	1.0	07/03/23 13:47	

LABORATORY CONTROL SAMPLE: 2577692

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.5	98	80-120	
Barium	mg/kg	25	26.4	105	80-120	
Cadmium	mg/kg	25	26.2	105	80-120	
Chromium	mg/kg	25	26.1	105	80-120	
Lead	mg/kg	25	27.1	108	80-120	
Selenium	mg/kg	25	26.0	104	80-120	
Silver	mg/kg	12.5	13.1	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2577693 2577694

Parameter	Units	40264453001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	<3.8	32.7	32.9	32.3	33.5	92	96	75-125	3	20	
Barium	mg/kg	247	32.7	32.9	309	332	188	260	75-125	7	20	P6
Cadmium	mg/kg	<0.35	32.7	32.9	32.4	33.5	99	102	75-125	3	20	
Chromium	mg/kg	59.9	32.7	32.9	98.4	104	118	135	75-125	6	20	M0
Lead	mg/kg	9.4	32.7	32.9	42.6	45.2	101	109	75-125	6	20	
Selenium	mg/kg	<3.4	32.7	32.9	28.9	28.1	88	86	75-125	3	20	
Silver	mg/kg	<0.81	16.4	16.4	16.3	16.8	99	101	75-125	3	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: DF
Pace Project No.: 40264454

QC Batch: 448770
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40264454001, 40264454002, 40264454003, 40264454004, 40264454005, 40264454006, 40264454007, 40264454008, 40264454009, 40264454010

METHOD BLANK: 2577728
Matrix: Solid
Associated Lab Samples: 40264454001, 40264454002, 40264454003, 40264454004, 40264454005, 40264454006, 40264454007, 40264454008, 40264454009, 40264454010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	07/03/23 10:31	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	07/03/23 10:31	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	07/03/23 10:31	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	07/03/23 10:31	
1,1-Dichloroethane	ug/kg	<12.8	50.0	07/03/23 10:31	
1,1-Dichloroethene	ug/kg	<16.6	50.0	07/03/23 10:31	
1,1-Dichloropropene	ug/kg	<16.2	50.0	07/03/23 10:31	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	07/03/23 10:31	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	07/03/23 10:31	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	07/03/23 10:31	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	07/03/23 10:31	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	07/03/23 10:31	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	07/03/23 10:31	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	07/03/23 10:31	
1,2-Dichloroethane	ug/kg	<11.5	50.0	07/03/23 10:31	
1,2-Dichloropropane	ug/kg	<11.9	50.0	07/03/23 10:31	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	07/03/23 10:31	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	07/03/23 10:31	
1,3-Dichloropropane	ug/kg	<10.9	50.0	07/03/23 10:31	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	07/03/23 10:31	
2,2-Dichloropropane	ug/kg	<13.5	50.0	07/03/23 10:31	
2-Chlorotoluene	ug/kg	<16.2	50.0	07/03/23 10:31	
4-Chlorotoluene	ug/kg	<19.0	50.0	07/03/23 10:31	
Benzene	ug/kg	<11.9	20.0	07/03/23 10:31	
Bromobenzene	ug/kg	<19.5	50.0	07/03/23 10:31	
Bromochloromethane	ug/kg	<13.7	50.0	07/03/23 10:31	
Bromodichloromethane	ug/kg	<11.9	50.0	07/03/23 10:31	
Bromoform	ug/kg	<220	250	07/03/23 10:31	
Bromomethane	ug/kg	<70.1	250	07/03/23 10:31	
Carbon tetrachloride	ug/kg	<11.0	50.0	07/03/23 10:31	
Chlorobenzene	ug/kg	<6.0	50.0	07/03/23 10:31	
Chloroethane	ug/kg	<21.1	250	07/03/23 10:31	
Chloroform	ug/kg	<35.8	250	07/03/23 10:31	
Chloromethane	ug/kg	<19.0	50.0	07/03/23 10:31	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	07/03/23 10:31	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	07/03/23 10:31	
Dibromochloromethane	ug/kg	<171	250	07/03/23 10:31	
Dibromomethane	ug/kg	<14.8	50.0	07/03/23 10:31	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	07/03/23 10:31	

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REPORT OF LABORATORY ANALYSIS

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(920)469-2436

QUALITY CONTROL DATA

Project: DF
Pace Project No.: 40264454

METHOD BLANK: 2577728 Matrix: Solid

Associated Lab Samples: 40264454001, 40264454002, 40264454003, 40264454004, 40264454005, 40264454006, 40264454007, 40264454008, 40264454009, 40264454010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	<12.4	50.0	07/03/23 10:31	
Ethylbenzene	ug/kg	<11.9	50.0	07/03/23 10:31	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	07/03/23 10:31	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	07/03/23 10:31	
m&p-Xylene	ug/kg	<21.1	100	07/03/23 10:31	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	07/03/23 10:31	
Methylene Chloride	ug/kg	<13.9	50.0	07/03/23 10:31	
n-Butylbenzene	ug/kg	28.7J	50.0	07/03/23 10:31	
n-Propylbenzene	ug/kg	<12.0	50.0	07/03/23 10:31	
Naphthalene	ug/kg	<15.6	250	07/03/23 10:31	
o-Xylene	ug/kg	<15.0	50.0	07/03/23 10:31	
p-Isopropyltoluene	ug/kg	<15.2	50.0	07/03/23 10:31	
sec-Butylbenzene	ug/kg	16.8J	50.0	07/03/23 10:31	
Styrene	ug/kg	<12.8	50.0	07/03/23 10:31	
tert-Butylbenzene	ug/kg	<15.7	50.0	07/03/23 10:31	
Tetrachloroethene	ug/kg	<19.4	50.0	07/03/23 10:31	
Toluene	ug/kg	<12.6	50.0	07/03/23 10:31	
trans-1,2-Dichloroethene	ug/kg	<10.8	50.0	07/03/23 10:31	
trans-1,3-Dichloropropene	ug/kg	<143	250	07/03/23 10:31	
Trichloroethene	ug/kg	<18.7	50.0	07/03/23 10:31	
Trichlorofluoromethane	ug/kg	<14.5	50.0	07/03/23 10:31	
Vinyl chloride	ug/kg	<10.1	50.0	07/03/23 10:31	
1,2-Dichlorobenzene-d4 (S)	%	111	71-161	07/03/23 10:31	
4-Bromofluorobenzene (S)	%	98	68-156	07/03/23 10:31	
Toluene-d8 (S)	%	102	69-153	07/03/23 10:31	

LABORATORY CONTROL SAMPLE: 2577729

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2580	103	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2920	117	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2870	115	70-130	
1,1-Dichloroethane	ug/kg	2500	2720	109	70-130	
1,1-Dichloroethene	ug/kg	2500	2530	101	77-120	
1,2,4-Trichlorobenzene	ug/kg	2500	2760	110	67-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2640	105	70-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2490	100	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2880	115	70-130	
1,2-Dichloroethane	ug/kg	2500	2680	107	70-130	
1,2-Dichloropropane	ug/kg	2500	2750	110	80-123	
1,3-Dichlorobenzene	ug/kg	2500	2760	110	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2630	105	70-130	
Benzene	ug/kg	2500	2550	102	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: DF
Pace Project No.: 40264454

LABORATORY CONTROL SAMPLE: 2577729

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/kg	2500	2620	105	70-130	
Bromoform	ug/kg	2500	3070	123	60-130	
Bromomethane	ug/kg	2500	2070	83	45-153	
Carbon tetrachloride	ug/kg	2500	2700	108	70-130	
Chlorobenzene	ug/kg	2500	2540	102	70-130	
Chloroethane	ug/kg	2500	2280	91	55-160	
Chloroform	ug/kg	2500	2560	102	80-120	
Chloromethane	ug/kg	2500	2250	90	47-130	
cis-1,2-Dichloroethene	ug/kg	2500	2580	103	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2700	108	70-130	
Dibromochloromethane	ug/kg	2500	2860	114	70-130	
Dichlorodifluoromethane	ug/kg	2500	1090	44	16-83	
Ethylbenzene	ug/kg	2500	2530	101	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2480	99	70-130	
m&p-Xylene	ug/kg	5000	5160	103	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2840	114	65-130	
Methylene Chloride	ug/kg	2500	2510	101	70-130	
o-Xylene	ug/kg	2500	2540	102	70-130	
Styrene	ug/kg	2500	3110	125	70-130	
Tetrachloroethene	ug/kg	2500	2650	106	70-130	
Toluene	ug/kg	2500	2490	99	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2500	100	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2810	112	70-130	
Trichloroethene	ug/kg	2500	2410	97	70-130	
Trichlorofluoromethane	ug/kg	2500	2360	94	70-130	
Vinyl chloride	ug/kg	2500	2330	93	59-114	
1,2-Dichlorobenzene-d4 (S)	%			121	71-161	
4-Bromofluorobenzene (S)	%			106	68-156	
Toluene-d8 (S)	%			104	69-153	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2577730 2577731

Parameter	Units	40264453002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<17.8	1390	1390	1200	1110	86	80	69-130	8	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.2	1390	1390	1370	1500	98	108	70-130	10	20	
1,1,2-Trichloroethane	ug/kg	<25.3	1390	1390	1490	1420	107	102	70-130	5	20	
1,1-Dichloroethane	ug/kg	<17.8	1390	1390	1410	1280	101	92	70-130	9	20	
1,1-Dichloroethene	ug/kg	<23.1	1390	1390	1090	962	78	69	55-120	12	22	
1,2,4-Trichlorobenzene	ug/kg	<57.4	1390	1390	1580	1610	113	116	67-130	2	20	
1,2-Dibromo-3-chloropropane	ug/kg	<54.0	1390	1390	1430	1480	103	107	70-130	3	22	
1,2-Dibromoethane (EDB)	ug/kg	<19.1	1390	1390	1400	1400	101	101	70-130	0	20	
1,2-Dichlorobenzene	ug/kg	<21.6	1390	1390	1450	1560	104	112	70-130	7	20	
1,2-Dichloroethane	ug/kg	<16.0	1390	1390	1440	1330	103	96	70-130	8	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: DF
Pace Project No.: 40264454

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2577730 2577731

Parameter	Units	40264453002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloropropane	ug/kg	<16.6	1390	1390	1400	1350	101	97	80-123	4	20	
1,3-Dichlorobenzene	ug/kg	<19.1	1390	1390	1460	1470	105	106	70-130	0	20	
1,4-Dichlorobenzene	ug/kg	<19.1	1390	1390	1270	1370	91	99	70-130	8	20	
Benzene	ug/kg	<16.6	1390	1390	1350	1300	97	93	70-130	4	20	
Bromodichloromethane	ug/kg	<16.6	1390	1390	1300	1280	94	92	70-130	2	20	
Bromoform	ug/kg	<306	1390	1390	1500	1510	108	109	60-130	1	20	
Bromomethane	ug/kg	<97.6	1390	1390	959	926	69	67	38-153	4	20	
Carbon tetrachloride	ug/kg	<15.3	1390	1390	1200	1110	86	80	62-130	7	20	
Chlorobenzene	ug/kg	<8.3	1390	1390	1330	1420	96	102	70-130	7	20	
Chloroethane	ug/kg	<29.4	1390	1390	1000	967	72	69	53-160	3	24	
Chloroform	ug/kg	<49.8	1390	1390	1320	1290	95	92	80-120	2	20	
Chloromethane	ug/kg	<26.4	1390	1390	930	836	67	60	10-130	11	20	
cis-1,2-Dichloroethene	ug/kg	<14.9	1390	1390	1310	1250	94	90	70-130	5	20	
cis-1,3-Dichloropropene	ug/kg	<45.9	1390	1390	1330	1290	95	93	70-130	3	20	
Dibromochloromethane	ug/kg	<238	1390	1390	1470	1460	106	105	70-130	1	20	
Dichlorodifluoromethane	ug/kg	<29.9	1390	1390	343	302	25	22	10-83	13	31	
Ethylbenzene	ug/kg	<16.6	1390	1390	1240	1260	89	91	80-120	2	20	
Isopropylbenzene (Cumene)	ug/kg	<18.8	1390	1390	1340	1260	96	91	70-130	6	20	
m&p-Xylene	ug/kg	<29.4	2790	2790	2830	2700	102	97	70-130	5	20	
Methyl-tert-butyl ether	ug/kg	<20.5	1390	1390	1440	1410	104	101	66-130	3	20	
Methylene Chloride	ug/kg	<19.3	1390	1390	1300	1310	93	94	70-130	1	20	
o-Xylene	ug/kg	<20.9	1390	1390	1370	1320	98	95	70-130	4	20	
Styrene	ug/kg	<17.8	1390	1390	1680	1670	121	120	70-130	1	20	
Tetrachloroethene	ug/kg	<27.0	1390	1390	1260	1330	91	96	69-130	5	20	
Toluene	ug/kg	<17.5	1390	1390	1280	1300	92	94	79-120	1	20	
trans-1,2-Dichloroethene	ug/kg	<15.0	1390	1390	1240	1230	89	88	70-130	1	20	
trans-1,3-Dichloropropene	ug/kg	<199	1390	1390	1400	1470	101	106	69-130	5	20	
Trichloroethene	ug/kg	<26.0	1390	1390	1150	1070	83	77	70-130	8	20	
Trichlorofluoromethane	ug/kg	<20.2	1390	1390	885	828	64	59	50-130	7	22	
Vinyl chloride	ug/kg	<14.1	1390	1390	941	814	68	58	26-114	15	20	
1,2-Dichlorobenzene-d4 (S)	%						134	144	71-161			
4-Bromofluorobenzene (S)	%						125	133	68-156			
Toluene-d8 (S)	%						127	132	69-153			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: DF
Pace Project No.: 40264454

QC Batch: 449279
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E/3546 MSSV PAH by SIM
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40264454001, 40264454002, 40264454003, 40264454004, 40264454005, 40264454006, 40264454007, 40264454008, 40264454009, 40264454010

METHOD BLANK: 2580902 Matrix: Solid
Associated Lab Samples: 40264454001, 40264454002, 40264454003, 40264454004, 40264454005, 40264454006, 40264454007, 40264454008, 40264454009, 40264454010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<2.4	16.7	07/10/23 11:23	
2-Methylnaphthalene	ug/kg	<2.4	16.7	07/10/23 11:23	
Acenaphthene	ug/kg	<2.2	16.7	07/10/23 11:23	
Acenaphthylene	ug/kg	<2.1	16.7	07/10/23 11:23	
Anthracene	ug/kg	<2.1	16.7	07/10/23 11:23	
Benzo(a)anthracene	ug/kg	<2.2	16.7	07/10/23 11:23	
Benzo(a)pyrene	ug/kg	<1.9	16.7	07/10/23 11:23	
Benzo(b)fluoranthene	ug/kg	<2.3	16.7	07/10/23 11:23	
Benzo(g,h,i)perylene	ug/kg	<2.9	16.7	07/10/23 11:23	
Benzo(k)fluoranthene	ug/kg	<2.1	16.7	07/10/23 11:23	
Chrysene	ug/kg	<3.2	16.7	07/10/23 11:23	
Dibenz(a,h)anthracene	ug/kg	<2.3	16.7	07/10/23 11:23	
Fluoranthene	ug/kg	<2.0	16.7	07/10/23 11:23	
Fluorene	ug/kg	<2.0	16.7	07/10/23 11:23	
Indeno(1,2,3-cd)pyrene	ug/kg	<3.5	16.7	07/10/23 11:23	
Naphthalene	ug/kg	<1.6	16.7	07/10/23 11:23	
Phenanthrene	ug/kg	<1.9	16.7	07/10/23 11:23	
Pyrene	ug/kg	<2.5	16.7	07/10/23 11:23	
2-Fluorobiphenyl (S)	%	93	41-98	07/10/23 11:23	
Terphenyl-d14 (S)	%	102	37-106	07/10/23 11:23	

LABORATORY CONTROL SAMPLE: 2580903

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	248	74	64-110	
2-Methylnaphthalene	ug/kg	334	244	73	60-110	
Acenaphthene	ug/kg	334	267	80	69-120	
Acenaphthylene	ug/kg	334	274	82	63-120	
Anthracene	ug/kg	334	302	91	71-112	
Benzo(a)anthracene	ug/kg	334	268	80	62-120	
Benzo(a)pyrene	ug/kg	334	322	97	71-111	
Benzo(b)fluoranthene	ug/kg	334	285	85	59-112	
Benzo(g,h,i)perylene	ug/kg	334	353	106	64-115	
Benzo(k)fluoranthene	ug/kg	334	309	93	72-117	
Chrysene	ug/kg	334	312	94	75-120	
Dibenz(a,h)anthracene	ug/kg	334	335	100	67-114	
Fluoranthene	ug/kg	334	293	88	70-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: DF
Pace Project No.: 40264454

LABORATORY CONTROL SAMPLE: 2580903

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	ug/kg	334	300	90	64-104	
Indeno(1,2,3-cd)pyrene	ug/kg	334	342	102	71-114	
Naphthalene	ug/kg	334	230	69	62-120	
Phenanthrene	ug/kg	334	284	85	59-106	
Pyrene	ug/kg	334	283	85	69-120	
2-Fluorobiphenyl (S)	%			88	41-98	
Terphenyl-d14 (S)	%			88	37-106	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2580904 2580905

Parameter	Units	40264680015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/kg	<0.0025 mg/kg	343	343	272	254	79	74	51-110	7	34	
2-Methylnaphthalene	ug/kg	<0.0025 mg/kg	343	343	268	251	78	73	45-110	6	29	
Acenaphthene	ug/kg	<0.0022 mg/kg	343	343	280	266	81	77	52-120	5	26	
Acenaphthylene	ug/kg	0.0028J mg/kg	343	343	287	269	83	77	46-120	7	22	
Anthracene	ug/kg	<0.0021 mg/kg	343	343	303	277	88	81	50-112	9	25	
Benzo(a)anthracene	ug/kg	0.011J mg/kg	343	343	281	260	79	72	41-120	8	37	
Benzo(a)pyrene	ug/kg	0.013J mg/kg	343	343	337	311	95	87	44-114	8	33	
Benzo(b)fluoranthene	ug/kg	0.017 mg/kg	343	343	333	294	92	81	41-112	12	43	
Benzo(g,h,i)perylene	ug/kg	0.011J mg/kg	343	343	306	277	86	78	40-115	10	36	
Benzo(k)fluoranthene	ug/kg	0.0072J mg/kg	343	343	329	294	94	84	56-117	11	30	
Chrysene	ug/kg	0.014J mg/kg	343	343	321	292	90	81	45-120	9	28	
Dibenz(a,h)anthracene	ug/kg	0.0026J mg/kg	343	343	314	280	91	81	44-114	11	33	
Fluoranthene	ug/kg	0.019 mg/kg	343	343	311	281	85	76	55-110	10	43	
Fluorene	ug/kg	<0.0021 mg/kg	343	343	311	290	90	84	47-104	7	27	
Indeno(1,2,3-cd)pyrene	ug/kg	0.0084J mg/kg	343	343	314	281	89	79	45-114	11	33	
Naphthalene	ug/kg	0.0019J mg/kg	343	343	252	237	73	69	47-120	6	26	
Phenanthrene	ug/kg	0.0078J mg/kg	343	343	289	262	82	74	38-106	10	24	
Pyrene	ug/kg	0.016J mg/kg	343	343	275	250	75	68	51-120	10	41	
2-Fluorobiphenyl (S)	%						87	82	41-98			
Terphenyl-d14 (S)	%						81	74	37-106			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: DF
Pace Project No.: 40264454

QC Batch: 448727
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40264454001, 40264454002

SAMPLE DUPLICATE: 2577558

Parameter	Units	40264443025 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.1	14.2	8	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: DF
Pace Project No.: 40264454

QC Batch: 448729
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40264454003, 40264454004, 40264454005, 40264454006, 40264454007, 40264454008, 40264454009, 40264454010

SAMPLE DUPLICATE: 2577598

Parameter	Units	40264445004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.9	17.8	0	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: DF
Pace Project No.: 40264454

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

DL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1q	There was no chance to re-extract within sample hold time
2q	There was no chance to re-extract within sample hold time.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
S0	Surrogate recovery outside laboratory control limits.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: DF
Pace Project No.: 40264454

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40264454001	**PMW19 2-4**	EPA 3050B	448760	EPA 6010D	448827
40264454002	**PMW19 8-10**	EPA 3050B	448760	EPA 6010D	448827
40264454003	**LFSB1 2-3**	EPA 3050B	448760	EPA 6010D	448827
40264454004	**LFSB1 4-5**	EPA 3050B	448760	EPA 6010D	448827
40264454005	**LFSB2 2-3**	EPA 3050B	448760	EPA 6010D	448827
40264454006	**LFSB2 4-5**	EPA 3050B	448760	EPA 6010D	448827
40264454007	**LFSB3 2-3**	EPA 3050B	448760	EPA 6010D	448827
40264454008	**LFSB3 4-5**	EPA 3050B	448760	EPA 6010D	448827
40264454009	**LFSB4 2-3**	EPA 3050B	448760	EPA 6010D	448827
40264454010	**LFSB4 4-5**	EPA 3050B	448760	EPA 6010D	448827
40264454001	**PMW19 2-4**	EPA 7471	448996	EPA 7471	449126
40264454002	**PMW19 8-10**	EPA 7471	448996	EPA 7471	449126
40264454003	**LFSB1 2-3**	EPA 7471	448996	EPA 7471	449126
40264454004	**LFSB1 4-5**	EPA 7471	448996	EPA 7471	449126
40264454005	**LFSB2 2-3**	EPA 7471	448996	EPA 7471	449126
40264454006	**LFSB2 4-5**	EPA 7471	448996	EPA 7471	449126
40264454007	**LFSB3 2-3**	EPA 7471	448996	EPA 7471	449126
40264454008	**LFSB3 4-5**	EPA 7471	448996	EPA 7471	449126
40264454009	**LFSB4 2-3**	EPA 7471	449206	EPA 7471	449264
40264454010	**LFSB4 4-5**	EPA 7471	449206	EPA 7471	449264
40264454001	**PMW19 2-4**	EPA 3546	449279	EPA 8270E by SIM	449348
40264454002	**PMW19 8-10**	EPA 3546	449279	EPA 8270E by SIM	449348
40264454003	**LFSB1 2-3**	EPA 3546	449279	EPA 8270E by SIM	449348
40264454004	**LFSB1 4-5**	EPA 3546	449279	EPA 8270E by SIM	449348
40264454005	**LFSB2 2-3**	EPA 3546	449279	EPA 8270E by SIM	449348
40264454006	**LFSB2 4-5**	EPA 3546	449279	EPA 8270E by SIM	449348
40264454007	**LFSB3 2-3**	EPA 3546	449279	EPA 8270E by SIM	449348
40264454008	**LFSB3 4-5**	EPA 3546	449279	EPA 8270E by SIM	449348
40264454009	**LFSB4 2-3**	EPA 3546	449279	EPA 8270E by SIM	449348
40264454010	**LFSB4 4-5**	EPA 3546	449279	EPA 8270E by SIM	449348
40264454001	**PMW19 2-4**	EPA 5035/5030B	448770	EPA 8260	448773
40264454002	**PMW19 8-10**	EPA 5035/5030B	448770	EPA 8260	448773
40264454003	**LFSB1 2-3**	EPA 5035/5030B	448770	EPA 8260	448773
40264454004	**LFSB1 4-5**	EPA 5035/5030B	448770	EPA 8260	448773
40264454005	**LFSB2 2-3**	EPA 5035/5030B	448770	EPA 8260	448773
40264454006	**LFSB2 4-5**	EPA 5035/5030B	448770	EPA 8260	448773
40264454007	**LFSB3 2-3**	EPA 5035/5030B	448770	EPA 8260	448773
40264454008	**LFSB3 4-5**	EPA 5035/5030B	448770	EPA 8260	448773
40264454009	**LFSB4 2-3**	EPA 5035/5030B	448770	EPA 8260	448773
40264454010	**LFSB4 4-5**	EPA 5035/5030B	448770	EPA 8260	448773
40264454001	**PMW19 2-4**	ASTM D2974-87	448727		
40264454002	**PMW19 8-10**	ASTM D2974-87	448727		
40264454003	**LFSB1 2-3**	ASTM D2974-87	448729		
40264454004	**LFSB1 4-5**	ASTM D2974-87	448729		
40264454005	**LFSB2 2-3**	ASTM D2974-87	448729		
40264454006	**LFSB2 4-5**	ASTM D2974-87	448729		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: DF
Pace Project No.: 40264454

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40264454007	**LFSB3 2-3**	ASTM D2974-87	448729		
40264454008	**LFSB3 4-5**	ASTM D2974-87	448729		
40264454009	**LFSB4 2-3**	ASTM D2974-87	448729		
40264454010	**LFSB4 4-5**	ASTM D2974-87	448729		

Pace Analytical®

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

40264454

ALL SHADED AREAS are for LAB USE ONLY

Company: LF Green
Billing Information: Linda Fellenz
Address: 3434 Mill Road
Report To: Kate Jung
Email To: Same
Copy To: Sarah G
Site Collection Info/Address: 2517 E Norwich
Customer Project Name/Number: DF
State: WI County/City: Mil
Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: 262-719-4501
Email:
Site/Facility ID #: DF
Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Sarah Gamswindt
Purchase Order #:
Quote #:
DW PWS ID #:
DW Location Code:
Collected By (signature): [signature]
Turnaround Date Required: STANDARD
Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ______ [ ] Hold: ______
Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis: NA

Container Preservative Type **: 6 | U | U | U

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other ______

Lab Project Manager:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns	VOCs	Dry WT	Rcra Metals	PAHs	Lab Sample # / Comments
PMW19 2-4	Soil		6/27/23	1030	✓			3	X	X	X	X	001
PMW19 8-10	"		"	1045	✓				X	X	X	X	002
LFSB1 2-3	"		"	1300	✓			↓	X	X	X	X	003
LFSB1 4-5	"		"	1315	✓				X	X	X	X	004
LFSB2 2-3	"		"	1320	✓			↓	X	X	X	X	005
LFSB2 4-5	"		"	1330	✓				X	X	X	X	006
LFSB3 2-3	"		"	1340	✓			↓	X	X	X	X	007
LFSB3 4-5	"		"	1345	✓			↓	X	X	X	X	008
LFSB4 2-3	"		"	1355	✓				X	X	X	X	009
LFSB4 4-5	"		"	1405				↓	X	X	X	X	010

Lab Profile/Line:

```
Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y N NA
Custody Signatures Present   Y N NA
Collector Signature Present  Y N NA
Bottles Intact               Y N NA
Correct Bottles              Y N NA
Sufficient Volume            Y N NA
Samples Received on Ice      Y N NA
VOA - Headspace Acceptable   Y N NA
USDA Regulated Soils         Y N NA
Samples in Holding Time      Y N NA
Residual Chlorine Present    Y N NA
Cl Strips: ______
Sample pH Acceptable         Y N NA
pH Strips: ______
Sulfide Present              Y N NA
Lead Acetate Strips: ______

LAB USE ONLY:
Lab Sample # / Comments:
```

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None
Packing Material Used:
Radchem sample(s) screened (<500 cpm): Y N NA
SHORT HOLDS PRESENT (<72 hours): Y N N/A
Lab Tracking #: 2830328
Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: ______
Cooler 1 Temp Upon Receipt: ____oC
Cooler 1 Therm Corr. Factor: ____oC
Cooler 1 Corrected Temp: ____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	MTJL LAB USE ONLY
[signature]	6/28/23 1725			Table #: Acctnum:
LF Green				Template: Prelogin:
CS Logistics	6/29/23 0845	[signature] Pace	6/29/23 0845	PM: PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Sample Preservation Receipt Form

Client Name: LF Green

Project # 402644S4

All containers needing preservation have been checked and noted below. ☐Yes ☐No ☒N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass							Plastic						Vials						Jars				General				VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Initial when completed	Date/ Time.	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN 1	GN 2									
001																				1															2.5 / 5
002																						1														2.5 / 5
003																																				2.5 / 5
004																						1														2.5 / 5
005																																				2.5 / 5
006																				1																2.5 / 5
007																																				2.5 / 5
008																				1																2.5 / 5
009																						1														2.5 / 5
010																				1																2.5 / 5
011																																				2.5 / 5
012																																				2.5 / 5
013																																				2.5 / 5
014																																				2.5 / 5
015																																				2.5 / 5
016																																				2.5 / 5
017																																				2.5 / 5
018																																				2.5 / 5
019																																				2.5 / 5
020																																				2.5 / 5

6/29/23 SC

Exceptions to preservation check VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other:

Headspace in VOA Vials (>6mm) . ☐Yes ☐No ☒N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9C	40 mL clear ascorbic w/ HCl	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG5U	100 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH + Zn	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres					GN 1	
						GN 2	

Page 1 of 2

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40264454

40264454

Client Name: LF Green

Courier: ☑ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco ☐ Client ☐ Pace Other: _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used SR - 109 **Type of Ice:** (Wet) (Blue) Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 0.0 /Corr: 0.0

Temp Blank Present: ☑ yes ☐ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents:
Date: 6/29/23 Initials: SG

Labeled By Initials: SG

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- DI VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☑No ☐N/A		8.
Correct Containers Used:	☑Yes ☐No	9.
Correct Type: Pace Green Bay, Pace IR, Non-Pace		
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: S	☐Yes ☑No ☐N/A	12. 006 ZD "MW2 4-5" Wal Line "320" 008 ZD "MW 34-5" 6/29/2356
Trip Blank Present:	☐Yes ☐No ☑N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logi

Page 2 of 2