



January 31, 2023

Mr. Gerald DeMers  
Environmental Engineer  
Wisconsin Department of Natural Resources  
141 NW Barstow Street, Room 180  
Waukesha, WI 53188

RE: Soil Disposal Information Associated with the R&R Excavating Site  
Located on Highway I in the Town of Cedarburg, Wisconsin — FEC  
Project No. 041013

Dear Mr. Demers:

As you are aware, ***Friess Environmental Consulting, Inc. (FEC)*** has submitted requests for disposal of soils from construction projects at the above-referenced site (the “Site”) under the Wisconsin Department of Natural Resources (DNR) low-hazard exemption (LHE) per s. 289.43(8) of the Wisconsin Statutes and/or the exemption per ch. NR 718.12 Wisconsin Administrative Code (WAC). The DNR did grant one approval to dispose of soils in 2022 from the Innovation Park project. In addition, several projects were coordinated for the disposal of clean fill soils. We are presenting this annual report to provide the results of stormwater sampling and analytical testing conducted at the Site and provide an update for the reclamation in 2022.

In 2022, FEC documented the disposal of 2,067 truckloads of exempt soils and 1,785 truckloads of clean fill. It is estimated that each truck contained approximately 10 yards. As such, approximately 38,520 cubic yards of soil were disposed of at the Site in 2022. A summary of the filling operations per month is included. It is estimated that the remaining capacity at the Site is approximately 330,980 cubic yards.

As you are aware, the results of soil and groundwater analytical testing conducted on the source sites have been provided to the DNR in each exemption request that was submitted and reviewed by the DNR. The results continue to demonstrate that the PAH and metals detected within the soils are not considered a risk to groundwater. The exposure pathways are further protected with the conditions of the Site, including capping of the Site with at least 2 feet of clean material, and the approved reclamation plan for the Site.

On May 27 and September 20, 2022, FEC collected a grab sample from the stormwater retention (SW). The water sample collected was submitted to a DNR-certified laboratory for analyses of volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs) and select RCRA metals. No VOCs, PAHs, or select RCRA metals were detected in the water samples except for several low level or “J Flag” concentrations of select PAHs. The detections are likely attributable to slight turbidity in the samples collected or a laboratory artifact. The results of all the testing were well below their applicable DNR groundwater quality standards. The analytical report is included with this letter.

Stormwater management was not conducted in 2022. FEC did renew the stormwater discharge permit in October 2022. Stormwater discharge will likely resume in spring 2023 and will be conducted on an as needed basis.

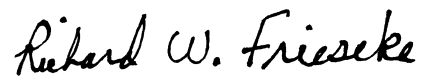
We hope this letter provides sufficient information regarding the continued reclamation activities at the R&R Excavating Site. If you have any questions or comments regarding this submittal, please contact us at (414) 228-9815.

Respectfully,

***Friess Environmental Consulting, Inc.***



Trenton J. Ott  
Project Manager



Richard W. Frieseke, P.E.  
President

CC: Mr. Barry Sullivan; Ozaukee County Resource Board  
Ms. Maxine Charmoli; Charmoli Holdings, LLC  
Ms. Jean Ponfil; Ponfil Trust

041013 2022

Summary of Filling Operations  
 January 1, 2022 to December 31, 2022

R&R Excavating Site -Town of Cedarburg

FEC Project #	Project Name	# of Truckloads	Month	Year
041013	R&R Excavating Site	935	January	2022
		1257	February	2022
		307	March	2022
		51	April	2022
		148	May	2022
		396	June	2022
		175	July	2022
		178	August	2022
		128	September	2022
		90	October	2022
		70	November	2022
		117	December	2022
	Total	3852		

**Table 1**  
**VOC Groundwater Analytical Results**  
**R&R Excavating Site - CDS**  
**Cedarburg, Wisconsin**

Sample Location	Sampling Date	Benzene (ppb)	Chloroethane (ppb)	1,1-DCA (ppb)	1,2-DCA (ppb)	1,1-DCE (ppb)	cis-1,2-DCE (ppb)	Ethylbenzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	1,1,1-TCA (ppb)	TCE (ppb)	Combined TMBs (ppb)	Vinyl Chloride (ppb)	Total Xylenes (ppb)
QP-1	6/7/12	<0.50	<1.40	<0.98	<0.50	<0.60	<0.74	<0.78	<0.80	<2.10	<0.53	<0.85	<0.47	<1.54	<0.18	<1.90
SW	10/27/15	<0.44	<0.65	<1.1	<0.48	<0.65	<0.45	<0.71	<1.1	<1.6	<0.44	<0.84	<0.47	<3.10	<0.17	<3.10
	6/16/16	<0.44	<0.65	<1.1	<0.48	<0.65	<0.45	<0.71	<1.1	<1.6	<0.44	<0.84	<0.47	<3.10	<0.17	<3.10
	11/3/16	<0.44	<0.65	<1.1	<0.48	<0.65	<0.45	<0.71	<1.1	<1.6	<0.44	<0.84	<0.47	<3.10	<0.17	<3.10
	6/22/17	<0.44	<0.65	<1.1	<0.48	<0.65	<0.45	<0.71	<1.1	<1.6	<0.44	<0.84	<0.47	<3.10	<0.17	<3.10
	10/20/17	<0.44	<0.65	<1.1	<0.48	<0.65	<0.45	<0.71	<1.1	<1.6	<0.44	<0.84	<0.47	<3.10	<0.17	<3.10
	7/10/18	<0.22	<0.61	<0.36	<0.25	<0.42	<0.37	<0.26	<0.28	<2.1	<0.19	<0.33	<0.3	<1.2	<0.2	<0.71
	8/2/19	<0.22	<0.61	<0.36	<0.25	<0.42	<0.37	<0.26	<0.28	<2.1	4.20	<0.33	<0.3	<1.2	<0.2	<0.71
	10/24/19	<0.22	<0.61	<0.36	<0.25	<0.42	<0.37	<0.26	<0.28	<2.1	0.81	<0.33	<0.3	<1.2	<0.2	<0.71
	5/12/20	<0.33	<1.1	<0.46	<0.39	<0.5	<0.39	<0.32	<0.47	<1.1	1.52	<0.3	<0.47	<0.62	<0.2	<1.48
	10/9/20	<0.33	<1.1	<0.46	<0.39	<0.5	<0.39	<0.32	<0.47	<1.1	1.31	<0.3	<0.47	<0.62	<0.2	<1.48
	5/28/21	<0.38	<0.78	<0.48	<0.44	<0.55	<0.39	<0.37	<0.46	<1.4	<0.42	<0.41	<0.47	<0.84	<0.17	<1.21
	9/24/21	<0.38	<0.78	<0.48	<0.44	<0.55	<0.39	<0.37	<0.46	<1.4	0.55J	<0.41	<0.47	<0.84	<0.17	<1.21
	5/27/22	<0.30	<0.62	<0.43	<0.43	<0.43	<0.32	<0.33	<0.47	<1.4	0.53J	<0.33	<0.38	<0.76	<0.15	<1.11
	9/20/22	<0.30	<0.62	<0.43	<0.43	<0.43	<0.32	<0.33	<0.47	<1.4	<0.33	<0.33	<0.38	<0.76	<0.15	<1.11
MW-1	8/22/12	<0.50	<1.40	<0.98	<0.50	<0.60	<0.74	<0.78	<0.80	<2.10	<0.53	<0.85	<0.47	<1.54	<0.18	<1.90
	8/30/13	<0.24	<0.63	<0.30	<0.41	<0.40	<0.38	<0.55	<0.23	<1.70	<0.69	<0.33	<0.33	<3.60	<0.18	<1.32
	12/6/13	<0.24	<0.63	<0.30	<0.41	<0.40	<0.38	<0.55	<0.23	<1.70	<0.69	<0.33	<0.33	<3.60	<0.18	<1.32
	5/9/14	<0.24	<0.63	<0.30	<0.41	<0.40	<0.38	<0.55	<0.23	<1.70	<0.69	<0.33	<0.33	<3.60	<0.18	<1.32
	9/10/14	<0.24	<0.63	<0.30	<0.41	<0.40	<0.38	<0.55	<0.23	<1.70	<0.69	<0.33	<0.33	<3.60	<0.18	<1.32
	10/27/15	<0.44	<0.65	<1.1	<0.48	<0.65	<0.45	<0.71	<1.1	<1.6	<0.44	<0.84	<0.47	<3.10	<0.17	<3.10
	6/16/16	<0.44	<0.65	<1.1	<0.48	<0.65	<0.45	<0.71	<1.1	<1.6	<0.44	<0.84	<0.47	<3.10	<0.17	<3.10
	11/3/16	<0.44	<0.65	<1.1	<0.48	<0.65	<0.45	<0.71	<1.1	<1.6	<0.44	<0.84	<0.47	<3.10	<0.17	<3.10
	6/22/17	<0.44	<0.65	<1.1	<0.48	<0.65	<0.45	<0.71	<1.1	<1.6	<0.44	<0.84	<0.47	<3.10	<0.17	<3.10
	10/20/17	<0.44	<0.65	<1.1	<0.48	<0.65	<0.45	<0.71	<1.1	<1.6	<0.44	<0.84	<0.47	<3.10	<0.17	<3.10
	12/29/18	<0.22	<0.61	<0.36	<0.25	<0.42	<0.37	<0.26	<0.28	<2.1	3.20	<0.33	<0.3	<1.2	<0.2	<0.71
	8/2/19	<0.22	<0.61	<0.36	<0.25	<0.42	<0.37	<0.26	<0.28	<2.1	3.08	<0.33	<0.3	<1.2	<0.2	<0.71
	10/24/19	<0.22	<0.61	<0.36	<0.25	<0.42	<0.37	<0.26	<0.28	<2.1	4.60	<0.33	<0.3	<1.2	<0.2	<0.71
	5/12/20	<0.33	<1.1	<0.46	<0.39	<0.5	<0.39	<0.32	<0.47	<1.1	1.45	<0.3	<0.47	<0.62	<0.2	<1.48
	10/9/20	<0.33	<1.1	<0.46	<0.39	<0.5	<0.39	<0.32	<0.47	<1.1	1.59	<0.3	<0.47	<0.62	<0.2	<1.48
	5/28/21	<0.38	<0.78	<0.48	<0.44	<0.55	<0.39	<0.37	<0.46	<1.4	<0.42	<0.41	<0.47	<0.84	<0.17	<1.21
9/24/21	<0.38	<0.78	<0.48	<0.44	<0.55	<0.39	<0.37	<0.46	<1.4	0.87J	<0.41	<0.47	<0.84	<0.17	<1.21	
5/27/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
9/20/22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
ES (ppb)	-	5	400	850	5	7	70	700	60	100	1,000	200	5	480	0.02	10,000
PAL (ppb)	-	0.5	80	85	0.5	0.7	7	140	12	10	200	40	0.5	96	0.2	1,000

Notes:  
Concentrations that exceed their respective PALs are in *blue italics*.  
Concentrations that exceed their respective ESs are in **red bold** type.  
J Concentration detected slightly above LOD and likely attributable to sediment in sample or laboratory artifact



# Synergy Environmental Lab, LLC.

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

RICK FRIESEKE  
FEC, INC.  
6635 N. SIDNEY PLACE  
MILWAUKEE, WI 53209

Report Date 15-Jun-22

Project Name R&R SITE Invoice # E41031  
Project # 041013  
Lab Code 5041031A  
Sample ID SW  
Sample Matrix Water  
Sample Date 5/27/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Arsenic, Dissolved	< 0.8	ug/L	0.8	2.7	1	7060A	6/8/2022	6/8/2022	CWT	1
Lead, Dissolved	< 0.8	ug/L	0.8	2.7	1	7421	6/7/2022	6/7/2022	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 0.0094	ug/l	0.0094	0.03	1	M8270C	6/9/2022	6/14/2022	NJC	34
Acenaphthylene	< 0.0156	ug/l	0.0156	0.0495	1	M8270C	6/9/2022	6/14/2022	NJC	34
Anthracene	0.0151 "J"	ug/l	0.015	0.0478	1	M8270C	6/9/2022	6/14/2022	NJC	34
Benzo(a)anthracene	0.0264 "J"	ug/l	0.02	0.067	1	M8270C	6/9/2022	6/14/2022	NJC	34
Benzo(a)pyrene	< 0.0167	ug/l	0.0167	0.0531	1	M8270C	6/9/2022	6/14/2022	NJC	34
Benzo(b)fluoranthene	< 0.016	ug/l	0.016	0.0509	1	M8270C	6/9/2022	6/14/2022	NJC	34
Benzo(g,h,i)perylene	< 0.0142	ug/l	0.0142	0.0451	1	M8270C	6/9/2022	6/14/2022	NJC	34
Benzo(k)fluoranthene	< 0.0146	ug/l	0.0146	0.0463	1	M8270C	6/9/2022	6/14/2022	NJC	34
Chrysene	0.0181 "J"	ug/l	0.0157	0.0499	1	M8270C	6/9/2022	6/14/2022	NJC	34
Dibenzo(a,h)anthracene	< 0.0173	ug/l	0.0173	0.0549	1	M8270C	6/9/2022	6/14/2022	NJC	34
Fluoranthene	0.042	ug/l	0.0088	0.0281	1	M8270C	6/9/2022	6/14/2022	NJC	34
Fluorene	< 0.0079	ug/l	0.0079	0.0251	1	M8270C	6/9/2022	6/14/2022	NJC	34
Indeno(1,2,3-cd)pyrene	< 0.0121	ug/l	0.0121	0.0385	1	M8270C	6/9/2022	6/14/2022	NJC	34
1-Methyl naphthalene	< 0.0191	ug/l	0.0191	0.0609	1	M8270C	6/9/2022	6/14/2022	NJC	34
2-Methyl naphthalene	< 0.0186	ug/l	0.0186	0.059	1	M8270C	6/9/2022	6/14/2022	NJC	34
Naphthalene	< 0.03	ug/l	0.03	0.1	1	M8270C	6/9/2022	6/14/2022	NJC	34
Phenanthrene	0.037 "J"	ug/l	0.0143	0.0456	1	M8270C	6/9/2022	6/14/2022	NJC	34
Pyrene	0.0304 "J"	ug/l	0.0121	0.0386	1	M8270C	6/9/2022	6/14/2022	NJC	34
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B	6/7/2022	6/7/2022	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B	6/7/2022	6/7/2022	CJR	1

Project Name R&R SITE  
Project # 041013

Invoice # E41031

Lab Code 5041031A  
Sample ID SW  
Sample Matrix Water  
Sample Date 5/27/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/7/2022	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/7/2022	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/7/2022	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/7/2022	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/7/2022	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/7/2022	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/7/2022	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/7/2022	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/7/2022	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/7/2022	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/7/2022	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/7/2022	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/7/2022	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/7/2022	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/7/2022	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/7/2022	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/7/2022	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/7/2022	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/7/2022	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/7/2022	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/7/2022	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/7/2022	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/7/2022	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/7/2022	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/7/2022	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/7/2022	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/7/2022	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/7/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/7/2022	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/7/2022	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/7/2022	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/7/2022	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/7/2022	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/7/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/7/2022	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/7/2022	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/7/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/7/2022	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/7/2022	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/7/2022	CJR	1
Toluene	0.53 "J"	ug/l	0.33	1.35	1	8260B		6/7/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/7/2022	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/7/2022	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/7/2022	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/7/2022	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/7/2022	CJR	1

**Project Name** R&R SITE  
**Project #** 041013

**Invoice #** E41031

**Lab Code** 5041031A  
**Sample ID** SW  
**Sample Matrix** Water  
**Sample Date** 5/27/2022

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/7/2022	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/7/2022	CJR	1
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/7/2022	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/7/2022	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/7/2022	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/7/2022	CJR	1
SUR - Toluene-d8	106	REC %			1	8260B		6/7/2022	CJR	1
SUR - 1,2-Dichloroethane-d4	101	REC %			1	8260B		6/7/2022	CJR	1
SUR - 4-Bromofluorobenzene	100	REC %			1	8260B		6/7/2022	CJR	1
SUR - Dibromofluoromethane	94	REC %			1	8260B		6/7/2022	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

***Code***      ***Comment***

1      Laboratory QC within limits.

34      Sample received past/too close to holding time expiration.

CWT denotes sub contract lab - Certification #445126660

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

**Authorized Signature**



Michael J. Steel



Lab I.D. #

QUOTE # :

Project #: 041013

Sampler: (signature) Bryan Frieske

Project (Name / Location): RER site

Reports To: Rick Frieske

Company: FEC

Address:

City State Zip:

Phone:

Email: rfrieske@fecnc.us

Invoice To: sand

Company:

Address:

City State Zip:

Phone:

Email:

Lab I.D. Sample I.D. Collection Date Time Filtered Y/N No. of Containers Sample Type (Matrix) Preservation

5041031 A SW 5-27-12 12:00 N 5 water 4cc

Environmental Lab, Inc.

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

Sample Handling Request

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

Normal Turn Around

Analysis Requested

Other Analysis

DRO (Mod DRO Sep 95)	
GRO (Mod GRO Sep 95)	
LEAD <i>&amp; Arsenic*</i>	<input checked="" type="checkbox"/>
NITRATE/NITRITE	
OIL & GREASE	
PAH (EPA 8270)	<input checked="" type="checkbox"/>
PCB	
PVOC (EPA 8021)	
PVOC + NAPHTHALENE	
SULFATE	
TOTAL SUSPENDED SOLIDS	
VOC DW (EPA 524.2)	
VOC (EPA 8260)	<input checked="" type="checkbox"/>
VOC AIR (TO - 15)	
8-RCPRA METALS	
PID/ FID	

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

\* Lab Filter & preserve for lead & Arsenic

Sample Integrity - To be completed by receiving lab.

Method of Shipment: CS

Temp. of Temp. Blank: °C On Ice:

Cooler seal intact upon receipt:  Yes  No

Relinquished By: (sign) Date

Rafael Masella 6/3/12

Received By: (sign)

Date

Received in Laboratory By: [Signature]

Time: 14:00 Date: 6/4/12

# Synergy Environmental Lab, LLC.

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

RICK FRIESEKE  
FEC, INC.  
6635 N. SIDNEY PLACE  
MILWAUKEE, WI 53209

Report Date 04-Oct-22

Project Name R&R SITE Invoice # E41466  
Project # 040103  
Lab Code 5041466A  
Sample ID SW  
Sample Matrix Water  
Sample Date 9/20/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Arsenic, Dissolved	< 0.8	ug/L	0.8	2.7	1	7060A		9/26/2022	CWT	1
Lead, Dissolved	< 0.8	ug/L	0.8	2.7	1	7421		9/27/2022	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 0.0282	ug/l	0.0282	0.09	3	M8270C	9/27/2022	9/27/2022	NJC	1
Acenaphthylene	< 0.0468	ug/l	0.0468	0.1485	3	M8270C	9/27/2022	9/27/2022	NJC	1
Anthracene	< 0.045	ug/l	0.045	0.1434	3	M8270C	9/27/2022	9/27/2022	NJC	1
Benzo(a)anthracene	0.077 "J"	ug/l	0.06	0.201	3	M8270C	9/27/2022	9/27/2022	NJC	5
Benzo(a)pyrene	< 0.0501	ug/l	0.0501	0.1593	3	M8270C	9/27/2022	9/27/2022	NJC	1
Benzo(b)fluoranthene	0.052 "J"	ug/l	0.048	0.1527	3	M8270C	9/27/2022	9/27/2022	NJC	5
Benzo(g,h,i)perylene	< 0.0426	ug/l	0.0426	0.1353	3	M8270C	9/27/2022	9/27/2022	NJC	1
Benzo(k)fluoranthene	< 0.0438	ug/l	0.0438	0.1389	3	M8270C	9/27/2022	9/27/2022	NJC	1
Chrysene	< 0.0471	ug/l	0.0471	0.1497	3	M8270C	9/27/2022	9/27/2022	NJC	1
Dibenzo(a,h)anthracene	< 0.0519	ug/l	0.0519	0.1647	3	M8270C	9/27/2022	9/27/2022	NJC	1
Fluoranthene	0.07 "J"	ug/l	0.0264	0.0843	3	M8270C	9/27/2022	9/27/2022	NJC	5
Fluorene	0.042 "J"	ug/l	0.0237	0.0753	3	M8270C	9/27/2022	9/27/2022	NJC	5
Indeno(1,2,3-cd)pyrene	< 0.0363	ug/l	0.0363	0.1155	3	M8270C	9/27/2022	9/27/2022	NJC	1
1-Methyl naphthalene	< 0.0573	ug/l	0.0573	0.1827	3	M8270C	9/27/2022	9/27/2022	NJC	1
2-Methyl naphthalene	< 0.0558	ug/l	0.0558	0.177	3	M8270C	9/27/2022	9/27/2022	NJC	1
Naphthalene	< 0.09	ug/l	0.09	0.3	3	M8270C	9/27/2022	9/27/2022	NJC	1
Phenanthrene	0.066 "J"	ug/l	0.0429	0.1368	3	M8270C	9/27/2022	9/27/2022	NJC	5
Pyrene	0.062 "J"	ug/l	0.0363	0.1158	3	M8270C	9/27/2022	9/27/2022	NJC	5
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		10/3/2022	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		10/3/2022	CJR	1

Project Name R&R SITE  
Project # 040103

Invoice # E41466

Lab Code 5041466A  
Sample ID SW  
Sample Matrix Water  
Sample Date 9/20/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		10/3/2022	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		10/3/2022	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		10/3/2022	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		10/3/2022	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		10/3/2022	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		10/3/2022	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		10/3/2022	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		10/3/2022	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		10/3/2022	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		10/3/2022	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		10/3/2022	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		10/3/2022	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		10/3/2022	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		10/3/2022	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		10/3/2022	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		10/3/2022	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		10/3/2022	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		10/3/2022	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		10/3/2022	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		10/3/2022	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		10/3/2022	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		10/3/2022	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		10/3/2022	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		10/3/2022	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		10/3/2022	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		10/3/2022	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		10/3/2022	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		10/3/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		10/3/2022	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		10/3/2022	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		10/3/2022	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		10/3/2022	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		10/3/2022	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		10/3/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		10/3/2022	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		10/3/2022	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		10/3/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		10/3/2022	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		10/3/2022	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		10/3/2022	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		10/3/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		10/3/2022	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		10/3/2022	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		10/3/2022	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		10/3/2022	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		9/29/2022	CJR	1

**Project Name** R&R SITE  
**Project #** 040103

**Invoice #** E41466

**Lab Code** 5041466A  
**Sample ID** SW  
**Sample Matrix** Water  
**Sample Date** 9/20/2022

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		10/3/2022	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		10/3/2022	CJR	1
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		10/3/2022	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		10/3/2022	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		10/3/2022	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		10/3/2022	CJR	1
SUR - Toluene-d8	101	REC %			1	8260B		10/3/2022	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B		10/3/2022	CJR	1
SUR - 4-Bromofluorobenzene	104	REC %			1	8260B		10/3/2022	CJR	1
SUR - Dibromofluoromethane	96	REC %			1	8260B		10/3/2022	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

***Code***      ***Comment***

1      Laboratory QC within limits.

5      The QC blank not within established limits.

CWT denotes sub contract lab - Certification #445126660

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

**Authorized Signature**



Michael J. Steel

## Environmental Lab, Inc.

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

### Sample Handling Request

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

Lab I.D.	Sample I.D.	Collection Date	Time	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	Analysis Requested										Other Analysis						
504466A	SW	9/20/22	AM	N	5	SW		DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	<input checked="" type="checkbox"/> LEAD & Arsenic*	NITRATE/NITRITE	OIL & GREASE	<input checked="" type="checkbox"/> PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	<input checked="" type="checkbox"/> VOC (EPA 8260)	VOC AIR (TO - 15)	8-RCRA METALS	PID/ FID	

Comments/Special Instructions (\*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge, etc.)  
 \* Lab Filter & Preserve for lead & Arsenic

Project #: 040103  
 Project (Name / Location): R&P site  
 Sampler: (signature) Eugene J. ...  
 Reports To: Rick Forester  
 Company: FEL  
 Address: FEL  
 City State Zip: FEL  
 Phone: FEL  
 Email: rforester@felic.com

Invoice To: FEL  
 Company: FEL  
 Address: FEL  
 City State Zip: FEL  
 Phone: FEL  
 Email: FEL

Method of Shipment: ES  
 Temp. of Temp. Blank: °C On Ice:   
 Cooler seal intact upon receipt:  Yes \_\_\_ No

Relinquished By: (sign) Rick Forester Date: 9/21/22  
 Received In Laboratory By: (sign) [Signature] Date: 9/22/22