



March 17, 2023

Mr. Paul Grittner
Wisconsin Department of Natural Resources
1027 West St. Paul Avenue
Milwaukee, WI 53233

RE: Water Leach Test Result for the Soil Exemption Approval Request for the SoNa Property (6633-6639 W. National Avenue - Parcel 705) Located in West Allis, Wisconsin — FEC Project No. 210807; DNR BRRTS No. 02-41-544080

Dear Mr. Grittner:

On behalf of the Mandel Group, ***Friess Environmental Consulting, Inc. (FEC)*** submitted a request (dated February 8, 2023) that the Wisconsin Department of Natural Resources (DNR) grant a ch. NR 718.12 Wisconsin Administrative Code (WAC) approval for approximately 8,400 cubic yards (CY) of soil that has been excavated from and stockpiled on the above-referenced property. The soils are proposed to be disposed of at the R&R Excavating Site (“the “Site”) located near the intersection of Highway 60 and Highway I in the Town of Cedarburg.

The request provided a description of the generator site history and re-development plans, presented a summary of characterization data obtained to date for the generator site, and provided our conclusions and recommendations regarding the management of the soils.

The request indicated that FEC submitted soil samples with the highest contaminant concentrations for laboratory analysis of neutral water leachability of PAHs, lead, and cadmium (groundwater pathway contaminants of concern) to determine if soil to groundwater pathway risks for fill-related contaminants of concern were present. This letter provides the results of the water leach testing and again requests approval of the soil disposal exemption.

Water Leach Test Result

FEC collected continuous soil samples from ten probeholes from the stockpile to further evaluate the soils proposed for off-site disposal. Twenty-six soil samples were collected for laboratory analysis of VOCs, PAHs, lead, and cadmium. The locations of soil probes are illustrated in Figure 2.

FEC submitted soil samples from P-2, P-4, P-7, and P-8 that had the highest total contaminant concentrations to the laboratory for analysis of neutral water leachability of PAHs, lead, and/or cadmium (groundwater pathway contaminants of concern).

No concentrations of PAHs, lead, or cadmium were detected in the neutral water leach samples at levels above the DNR groundwater quality standards. The results of the analytical testing indicate that soil impacts are not a threat to groundwater. The laboratory analytical results are summarized in Tables 2, 3, and 4. A copy of the analytical report is also attached.

Conclusions

Approximately 8,400 CY of soils will originate from the generator site for disposal at the R&R Excavating Site. The soils contain low level impacts that are likely attributable to the fill soils. The results of the analytical testing indicate that the soils impacts in the soil stockpile are not a risk to groundwater.

We again request that the DNR grant the ch. NR 718.12 exemption approval, as well as an exemption to ch. NR 718.12(1) (c) 6, for the disposal of soil from the proposed development at the R&R Excavating Site.

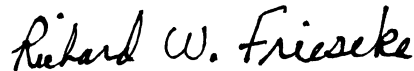
We appreciate your assistance with this request. If you have any questions or comments regarding this submittal, please contact us at (414) 228-9815.

Respectfully,

Friess Environmental Consulting, Inc.

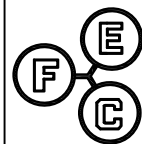


Trenton J. Ott
Project Manager



Richard W. Frieseke, P.E.
President

210801 Exemption WL Testing



FRIESS
ENVIRONMENTAL
CONSULTING, INC.

File No.: 210807
DWG Date: 1-31-23
Rev Date:
Drawn By:BRF
Checked By (PM): TJO

Sample Location Diagram
6675 West National Avenue
West Allis, Wisconsin

Figure
2

**Table 2 - Soil PAH Results - Soil Pile
Parcel 705 - SoNa
6633-6639 West National Avenue
West Allis, Wisconsin**

Sample Location	Sampling Date	Acena- phtene (ppb)	Acena- phtylene (ppb)	Anthracene (ppb)	Benzo (a) anthra- cene (ppb)	Benzo (a) pyrene (ppb)	Benzo (b) fluor- anthene (ppb)	Benzo (g,h,i) perylene (ppb)	Benzo (k) fluor- anthene (ppb)	Chrysene (ppb)	Dibenzo (a,h) fluor- cene (ppb)	Fluor- anthene (ppb)	Fluorene (ppb)	Indeno (1,2,3-cd) pyrene (ppb)	1-Methyl Naph- thalene (ppb)	2-Methyl Naph- thalene (ppb)	Naph- thalene (ppb)	Phen- anthrene (ppb)	Pyrene (ppb)
S-1	8/29/2022	<11.0	9.40 J	49.0	291	<u>226</u>	320	203	128	<u>211</u>	39.0 J	430	93.0 J	151	<11.8	<18.6	<20.1	152	370
S-2	8/29/2022	16.9 J	44.0	87.0	370	<u>360</u>	<u>530</u>	330	182	<u>311</u>	66.0	590	31.0 J	229	25.4 J	32.0 J	<201	313	530
S-3	8/29/2022	21.0 J	41.0	117	720	<u>590</u>	<u>850</u>	470	320	<u>560</u>	91.0	1,210	32.0 J	350	<11.8	<18.6	<20.1	460	1,030
S-4	8/29/2022	<11.0	<9.00	11.9 J	84.0	63.0	91.0	47.0 J	29.1	62.0	<13.6	129	<9.10	36.0 J	<11.8	< 18.6	<201	42.0	111
S-5	8/29/2022	27.4 J	40.0	115	510	<u>430</u>	<u>590</u>	330	218	<u>390</u>	69.0	810	41.0	267	25.5 J	33.0 J	28.2 J	450	760
S-6	8/29/2022	14.0 J	<9.00	62.0	410	<u>360</u>	<u>720</u>	380	222	<u>400</u>	95.0	600	19.0 J	297	<11.8	<18.6	<20.1	313	510
P-1: 0-2'	12/19/2022	<35.4	<44.7	<31.5	116 J	70.0 J	88.0 J	63.0 J	<59.7	56.0 J	<45.3	126 J	<40.8	<48.9	<28.8	<57.9	<65.7	55.0 J	113 J
P-1: 4-6'	12/19/2022	<35.4	<44.7	<31.5	54.0 J	<41.1	<43.2	<45.3	<59.7	<48.6	<45.3	<39.0	<40.8	<48.9	<28.8	<57.9	<65.7	<37.2	<40.5
P-1: 8-10'	12/19/2022	58.0 J	87.0 J	282.0	920	<u>680</u>	<u>850</u>	520	320	<u>510</u>	94.0 J	1,450	91.0 J	370	<28.8	<57.9	<65.7	910	1,270
P-2: 0-2'	12/19/2022	<35.4	<44.7	34.0 J	289	<u>125 J</u>	178	86.0 J	72 J	106 J	<45.3	226	<40.8	79.0 J	<28.8	<57.9	<65.7	97.0 J	200
P-2: 4-6'	12/19/2022	<35.4	<44.7	35.0 J	271	<u>186</u>	267	125 J	79 J	<u>151 J</u>	<45.3	350	<40.8	99.0 J	<28.8	<57.9	<65.7	134 J	296
P-2: 8-10'	12/19/2022	101 J	109 J	330	1,130	<u>800</u>	<u>1,090</u>	490	360	<u>660</u>	91.0 J	1,830	160	400	<28.8	<57.9	<65.7	920	1,530
P-3: 0-2'	12/19/2022	<35.4	<44.7	79.0 J	370	<u>280</u>	400	187	124 J	<u>233</u>	<45.3	520	<40.8	158 J	<28.8	<57.9	<65.7	176	420
P-3: 4-6'	12/19/2022	<35.4	<44.7	38.0 J	211	<u>122 J</u>	178	98.0 J	72 J	<u>144 J</u>	<45.3	250	<40.8	77.0 J	<28.8	<57.9	<65.7	156	214
P-3: 8-10'	12/19/2022	57.0 J	61.0 J	370	920	<u>530</u>	<u>730</u>	276	241	<u>520</u>	58.0 J	1,720	149 J	250	<28.8	<57.9	<65.7	1,430	1,410
P-4: 0-2'	12/19/2022	<35.4	<44.7	197	720	<u>490</u>	<u>670</u>	312	209 J	<u>430</u>	59 J	1,120	<40.8	237	<28.8	<57.9	<65.7	420	980
P-4: 4-6'	12/19/2022	<35.4	<44.7	<31.5	61.0 J	<41.1	<43.2	<45.3	<59.7	<48.6	<45.3	52.0 J	<40.8	<48.9	<28.8	<57.9	<65.7	<37.2	48.0 J
P-4: 8-10'	12/19/2022	115 J	110 J	510	1,820	<u>1,120</u>	<u>1,580</u>	630	460	<u>1,060</u>	178	2,990	235	540	136	183 J	152 J	<u>2,220</u>	2,260
P-4: 8-10' Leach	12/19/2022	<0.0094	<0.0156	<0.014	<0.02	<0.0167	<0.016	<0.0142	<0.0146	<0.0157	<0.0173	0.0218J	<0.0079	<0.0121	<0.0191	<0.0186	<0.030	0.024J	0.0131J
P-5: 0-2'	12/19/2022	<35.4	<44.7	<31.5	216	<u>154 J</u>	272	147 J	84 J	<u>144 J</u>	<45.3	290	<40.8	112 J	<28.8	<57.9	<65.7	139 J	263
P-5: 6-8'	12/19/2022	<35.4	<44.7	99.0 J	430	<u>303</u>	430	217	166 J	<u>265</u>	<45.3	580	<40.8	169 J	<28.8	<57.9	<65.7	245	510
P-5: 8-10'	12/19/2022	115 J	54.0 J	68.0 J	380	<u>320</u>	460	261	153 J	<u>256</u>	46.0 J	530	<40.8	193	<28.8	<57.9	<65.7	186	480
P-6: 2-4'	12/19/2022	<35.4	94.0 J	104 J	590	<u>420</u>	<u>550</u>	287	192 J	<u>320</u>	<45.3	710	<40.8	222	<28.8	<57.9	<65.7	183	600
P-6: 6-8'	12/19/2022	45.0 J	420	110 J	269	<u>216</u>	216	120 J	72.0 J	110 J	<45.3	197	90.0 J	111 J	<28.8	<57.9	<65.7	176	226
P-7: 2-4'	12/19/2022	110 J	294	460	<u>1,220</u>	<u>770</u>	<u>1,020</u>	460	314	<u>640</u>	111 J	2,010	223	420	<28.8	<57.9	<65.7	1,330	1,570
P-7: 2-4' Leach	12/19/2022	<0.0094	<0.0156	<0.014	<0.02	<0.0167	<0.016	<0.0142	<0.0146	<0.0157	<0.0173	0.0157J	<0.0079	<0.0121	<0.0191	<0.0186	0.032J	0.0233J	<0.0121
P-7: 6-8'	12/19/2022	<35.4	203	94.0 J	480	<u>400</u>	<u>570</u>	279	171 J	<u>301</u>	65.0 J	590	51.0 J	224	<28.8	<57.9	<65.7	261	530
P-8: 2-4'	12/19/2022	<35.4	15.0 J	<31.5	66.0 J	<41.1	<43.2	<45.3	<59.7	<48.6	<45.3	<39.0	<40.8	<48.9	<28.8	<57.9	<65.7	<37.2	48.0 J
P-8: 6-8'	12/19/2022	<35.4	118 J	62.0 J	307	<u>186</u>	242	114 J	92.0 J	<u>174 J</u>	<45.3	330	<40.8	94.0 J	<28.8	<57.9	<65.7	130 J	305
P-9: 2-4'	12/19/2022	<35.4	78.0 J	<31.5	102 J	57.0 J	76.0 J	<45.3	<59.7	<48.6	<45.3	102 J	<40.8	<48.9	<28.8	<57.9	<65.7	41.0 J	96.0 J
P-9: 6-8'	12/19/2022	<35.4	98.0 J	141	530	<u>370</u>	<u>500</u>	262	181 J	<u>330</u>	59.0 J	680	68.0	206	<28.8	<57.9	<65.7	420	650
P-10: 2-4'	12/19/2022	126 J	79.0 J	470	640	<u>330</u>	410	153 J	173 J	<u>330</u>	<45.3	1,340	249	128 J	35.0 J	<57.9	105 J	1,460	980
P-10: 4-6'	12/19/2022	<35.4	67.0 J	81.0 J	330	<u>242</u>	330	161 J	126 J	<u>215</u>	<45.3	500	<40.8	125 J	<28.8	<57.9	<65.7	246	450
NR 720 Groundwater RCL		*38,000	*700	196,949	*17,000	470	478	*6,800,000	*870,000	144	*38,000	88,878	14,830	*680,000	*23,000	*20,000	658	*1,800	54,546
NR 720 Non-industrial DC RCL		3,590,000	NS	17,900,000	1,140	115	1,150	NS	11,500	115,000	115	2,390,000	2,390,000	1,150	17,600	239,000	5,520	NS	1,790,000
NR 720 Industrial DC RCL		45,200,000	NS	100,000,000	20,800	2,110	21,100	NS	211,000	2,110,000	2,110	30,100,000	30,100,000	21,100	72,700	3,010,000	24,100	NS	22,600,000

* indicates a suggested value.
 Note: NR 720 values are calculated utilizing the U.S. EPA's Regional Screening Level Web-Calculator per DNR draft document RR-890 (updated December 2017).
 Note: Concentrations that exceed their respective RCLs for the protection of groundwater are in *blue italics*.
 Note: Concentrations that exceed their respective non-industrial RCLs for direct contact are underlined.
 Note: Concentrations that exceed their respective industrial RCLs for direct contact are in [brackets].
 Note "J" indicates slight detection above the level of detection but less than the level of quantification.

**Table 3 - Soil Metals Results - Soil Pile
Parcel 705 - SoNa
6633-6639 West National Avenue
West Allis, Wisconsin**

Sample Location	Sampling Date	Arsenic (ppm)	Barium (ppm)	Cadmium (ppm)	Chromium (ppm)	Lead (ppm)	Mercury (ppm)	Selenium (ppm)	Silver (ppm)
S-1	8/29/2022	<1.10	73.0	<i>1.22</i>	18.4	<i>28.2</i>	<0.038	<6.50	<0.565
S-2	8/29/2022	<1.10	51.1	<i>0.96</i>	16.2	14.0	<0.038	<6.50	<0.565
S-3	8/29/2022	<1.10	84.0	<i>1.49</i>	21.9	<i>34.0</i>	0.0739 J	<6.50	<0.565
S-4	8/29/2022	<1.10	52.9	<i>1.37</i>	20.1	19.1	<0.038	<6.50	<0.565
S-5	8/29/2022	<1.10	77.6	<i>1.25</i>	14.1	<i>56.5</i>	0.169	<6.50	<0.565
S-6	8/29/2022	<1.10	53.4	<i>1.15</i>	13.1	<i>29.7</i>	<0.038	<6.50	<0.565
P-1: 4-6 FT	12/19/2022	NA	NA	<i>1.38</i>	NA	8.01	NA	NA	NA
P-2: 8-10 FT	12/19/2022	NA	NA	<i>1.47</i>	NA	<i>53.9</i>	NA	NA	NA
P-2: 8-10 FT Leach	12/19/2022	NA	NA	<0.00004	NA	<0.0007	NA	NA	NA
P-3: 4-6 FT	12/19/2022	NA	NA	<i>2.13</i>	NA	11.5	NA	NA	NA
P-4: 8-10 FT	12/19/2022	NA	NA	<i>1.53</i>	NA	<i>48.0</i>	NA	NA	NA
P-5: 6-8 FT	12/19/2022	NA	NA	<i>2.02</i>	NA	26.9	NA	NA	NA
P-7: 2-4 FT	12/19/2022	NA	NA	<i>1.63</i>	NA	<i>34.2</i>	NA	NA	NA
P-8: 6-8 FT	12/19/2022	NA	NA	<i>2.15</i>	NA	<i>51.0</i>	NA	NA	NA
P-8: 6-8 FT Leach	12/19/2022	NA	NA	0.0001J	NA	0.0014	NA	NA	NA
NR 720 Groundwater RCL		<i>0.584</i>	<i>164.8</i>	<i>0.752</i>	<i>360,000</i>	<i>27</i>	<i>0.208</i>	<i>0.52</i>	<i>0.849</i>
NR 720 Non-industrial DC RCL		<i>0.677</i>	<i>15,300</i>	<i>71.1</i>	<i>0.3/100K</i>	<i>400</i>	<i>3.13</i>	<i>391</i>	<i>391</i>
NR 720 Industrial DC RCL		<i>3</i>	<i>100,000</i>	<i>985</i>	<i>6.36/100K</i>	<i>800</i>	<i>3.13</i>	<i>5,840</i>	<i>5,840</i>
USGS Background Values		<i>8.3</i>	<i>364</i>	<i>1.07</i>	<i>43.5</i>	<i>51.6</i>	<i>NS</i>	<i>NS</i>	<i>NS</i>

Note: NR 720 values are calculated utilizing the EPA's Regional Screening Level Web-Calculator per DNR document RR-890 (updated December 2018).

Note: Concentrations that exceed their respective RCLs for the protection of groundwater are in blue italics.

Note: Concentrations that exceed their respective non-industrial RCLs for direct contact are underlined.

Note: Concentrations that exceed their respective industrial RCLs for direct contact are in [brackets].

Note "J" indicates slight detection above the level of detection but less than the level of quantification.

Table 4 - Soil Water Leach Results
Parcel 705 - SoNa
6633-6639 West National Avenue
West Allis, Wisconsin

Sample Location	Sampling Date	Cadium (ppm)	Lead (ppm)	Acena-phthene (ppb)	Acena-phthylene (ppb)	Anthracene (ppb)	Benzo (a) anthra-cene (ppb)	Benzo (a) pyrene (ppb)	Benzo (b) fluor-anthene (ppb)	Benzo (g,h,i) perylene (ppb)	Benzo (k) fluor-anthene (ppb)	Chrysene (ppb)	Dibenzo (a,h) anthra-cene (ppb)	Fluor-anthene (ppb)	Fluorene (ppb)	Indeno (1,2,3-cd) pyrene (ppb)	1-Methyl Naph-thalene (ppb)	2-Methyl Naph-thalene (ppb)	Naph-thalene (ppb)	Phen-anthrene (ppb)	Pyrene (ppb)
P-2: 8-10'	12/19/2022	<u>1.47</u>	<u>53.9</u>	101 J	109 J	330	1,130	<u>800</u>	<u>1,090</u>	490	360	<u>660</u>	91.0 J	1,830	160	400	<28.8	<57.9	<65.7	920	1,530
P-2: 8-10' Leach	12/19/2022	<0.00004	<0.0007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P-4: 8-10'	12/19/2022	<u>1.58</u>	<u>43.0</u>	115 J	110 J	510	<u>1,820</u>	<u>1,120</u>	<u>1,580</u>	630	460	<u>1,060</u>	<u>178</u>	2,990	235	540	136	183 J	152 J	<u>2,220</u>	2,260
P-4: 8-10' Leach	12/19/2022	NA	NA	<0.0094	<0.0156	<0.014	<0.02	<0.0167	<0.016	<0.0142	<0.0146	<0.0157	<0.0173	0.0218J	<0.0079	<0.0121	<0.0191	<0.0186	<0.030	0.024J	0.0131J
P-7: 2-4'	12/19/2022	<u>1.63</u>	<u>34.0</u>	110 J	294	460	<u>1,220</u>	<u>770</u>	<u>1,020</u>	460	314	<u>640</u>	111 J	2,010	223	420	<28.8	<57.9	<65.7	1,330	1,570
P-7: 2-4' Leach	12/19/2022	NA	NA	<0.0094	<0.0156	<0.014	<0.02	<0.0167	<0.016	<0.0142	<0.0146	<0.0157	<0.0173	0.0157J	<0.0079	<0.0121	<0.0191	<0.0186	0.032J	0.0233J	<0.0121
P-8: 6-8'	12/19/2022	<u>2.15</u>	<u>51.0</u>	<35.4	118 J	62.0 J	307	<u>186</u>	242	114 J	92.0 J	<u>174 J</u>	<45.3	330	<40.8	94.0 J	<28.8	<57.9	<65.7	130 J	305
P-8: 6-8' Leach	12/19/2022	0.0001J	0.0014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NR 720 Groundwater RCL		<u>0.752</u>	<u>27</u>	<u>*38,000</u>	<u>*700</u>	<u>196,949</u>	<u>*17,000</u>	<u>470</u>	<u>478</u>	<u>*6,800,000</u>	<u>*870,000</u>	<u>144</u>	<u>*38,000</u>	<u>88,878</u>	<u>14,830</u>	<u>*680,000</u>	<u>*23,000</u>	<u>*20,000</u>	<u>658</u>	<u>*1,800</u>	<u>54,546</u>
NR 720 Non-Industrial DC RCL		<u>71.1</u>	<u>400</u>	<u>3,590,000</u>	<u>NS</u>	<u>17,900,000</u>	<u>1,140</u>	<u>115</u>	<u>1,150</u>	<u>NS</u>	<u>11,500</u>	<u>115</u>	<u>2,390,000</u>	<u>2,390,000</u>	<u>1,150</u>	<u>17,600</u>	<u>239,000</u>	<u>5,520</u>	<u>NS</u>	<u>1,790,000</u>	
NR 720 Industrial DC RCL		<u>985</u>	<u>800</u>	<u>45,200,000</u>	<u>NS</u>	<u>400,000,000</u>	<u>20,800</u>	<u>2,110</u>	<u>21,100</u>	<u>NS</u>	<u>211,000</u>	<u>2,110,000</u>	<u>2,110</u>	<u>30,100,000</u>	<u>30,100,000</u>	<u>21,100</u>	<u>72,700</u>	<u>3,010,000</u>	<u>24,100</u>	<u>NS</u>	<u>22,600,000</u>
NR 140 ES		0.005	0.0015	NS	NS	3,000	NS	0.2	0.2	NS	NS	0.2	NS	400	400	NS	NS	NS	100	NS	250
NR 140 PAL		0.05	0.015	NS	NS	600	NS	0.02	0.02	NS	NS	0.02	NS	80	80	NS	NS	NS	10	NS	50

* indicates a suggested value.
Note: NR 720 values are calculated utilizing the U.S. EPA's Regional Screening Level Web-Calculator per DNR draft document RR-890 (updated December 2017).
Note: Concentrations that exceed their respective RCLs for the protection of groundwater are in blue italics.
Note: Concentrations that exceed their respective non-industrial RCLs for direct contact are underlined.
Note: Concentrations that exceed their respective industrial RCLs for direct contact are in [brackets].
Note "J" indicates slight detection above the level of detection but less than the level of quantification.

Synergy Environmental Lab, LLC.

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

TRENTON OTT
FEC, INC.
6635 N. SIDNEY PLACE
MILWAUKEE, WI 53209

Report Date 28-Feb-23

Project Name SONA Invoice # E42003
Project # 210807
Lab Code 5042003A
Sample ID P-2 8-10' (ASTM EXT.)
Sample Matrix Water
Sample Date 2/6/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Cadmium, Total	< 0.04	ug/l	0.04	0.13	1	6020		2/24/2023	BLE	1
Lead, Total	< 0.70	ug/l	0.7	2.3	1	6020		2/24/2023	BLE	1

Project Name SONA
Project # 210807

Invoice # E42003

Lab Code 5042003B
Sample ID P-4 8-10' (ASTM EXT.)
Sample Matrix Water
Sample Date 2/6/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PAH SIM										
Acenaphthene	< 0.0094	ug/l	0.0094	0.03	1	M8270C	2/17/2023	2/17/2023	NJC	1
Acenaphthylene	< 0.0156	ug/l	0.0156	0.0495	1	M8270C	2/17/2023	2/17/2023	NJC	1
Anthracene	< 0.015	ug/l	0.015	0.0478	1	M8270C	2/17/2023	2/17/2023	NJC	1
Benzo(a)anthracene	< 0.02	ug/l	0.02	0.067	1	M8270C	2/17/2023	2/17/2023	NJC	1
Benzo(a)pyrene	< 0.0167	ug/l	0.0167	0.0531	1	M8270C	2/17/2023	2/17/2023	NJC	1
Benzo(b)fluoranthene	< 0.016	ug/l	0.016	0.0509	1	M8270C	2/17/2023	2/17/2023	NJC	1
Benzo(g,h,i)perylene	< 0.0142	ug/l	0.0142	0.0451	1	M8270C	2/17/2023	2/17/2023	NJC	1
Benzo(k)fluoranthene	< 0.0146	ug/l	0.0146	0.0463	1	M8270C	2/17/2023	2/17/2023	NJC	1
Chrysene	< 0.0157	ug/l	0.0157	0.0499	1	M8270C	2/17/2023	2/17/2023	NJC	1
Dibenzo(a,h)anthracene	< 0.0173	ug/l	0.0173	0.0549	1	M8270C	2/17/2023	2/17/2023	NJC	1
Fluoranthene	0.0218 "J"	ug/l	0.0088	0.0281	1	M8270C	2/17/2023	2/17/2023	NJC	1
Fluorene	< 0.0079	ug/l	0.0079	0.0251	1	M8270C	2/17/2023	2/17/2023	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.0121	ug/l	0.0121	0.0385	1	M8270C	2/17/2023	2/17/2023	NJC	1
1-Methyl naphthalene	< 0.0191	ug/l	0.0191	0.0609	1	M8270C	2/17/2023	2/17/2023	NJC	1
2-Methyl naphthalene	< 0.0186	ug/l	0.0186	0.059	1	M8270C	2/17/2023	2/17/2023	NJC	1
Naphthalene	< 0.03	ug/l	0.03	0.1	1	M8270C	2/17/2023	2/17/2023	NJC	1
Phenanthrene	0.024 "J"	ug/l	0.0143	0.0456	1	M8270C	2/17/2023	2/17/2023	NJC	1
Pyrene	0.0131 "J"	ug/l	0.0121	0.0386	1	M8270C	2/17/2023	2/17/2023	NJC	1

Lab Code 5042003C
Sample ID P-7 2-4' (ASTM EXT.)
Sample Matrix Water
Sample Date 2/6/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PAH SIM										
Acenaphthene	< 0.0094	ug/l	0.0094	0.03	1	M8270C	2/17/2023	2/17/2023	NJC	1
Acenaphthylene	< 0.0156	ug/l	0.0156	0.0495	1	M8270C	2/17/2023	2/17/2023	NJC	1
Anthracene	< 0.015	ug/l	0.015	0.0478	1	M8270C	2/17/2023	2/17/2023	NJC	1
Benzo(a)anthracene	< 0.02	ug/l	0.02	0.067	1	M8270C	2/17/2023	2/17/2023	NJC	1
Benzo(a)pyrene	< 0.0167	ug/l	0.0167	0.0531	1	M8270C	2/17/2023	2/17/2023	NJC	1
Benzo(b)fluoranthene	< 0.016	ug/l	0.016	0.0509	1	M8270C	2/17/2023	2/17/2023	NJC	1
Benzo(g,h,i)perylene	< 0.0142	ug/l	0.0142	0.0451	1	M8270C	2/17/2023	2/17/2023	NJC	1
Benzo(k)fluoranthene	< 0.0146	ug/l	0.0146	0.0463	1	M8270C	2/17/2023	2/17/2023	NJC	1
Chrysene	< 0.0157	ug/l	0.0157	0.0499	1	M8270C	2/17/2023	2/17/2023	NJC	1
Dibenzo(a,h)anthracene	< 0.0173	ug/l	0.0173	0.0549	1	M8270C	2/17/2023	2/17/2023	NJC	1
Fluoranthene	0.0157 "J"	ug/l	0.0088	0.0281	1	M8270C	2/17/2023	2/17/2023	NJC	1
Fluorene	< 0.0079	ug/l	0.0079	0.0251	1	M8270C	2/17/2023	2/17/2023	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.0121	ug/l	0.0121	0.0385	1	M8270C	2/17/2023	2/17/2023	NJC	1
1-Methyl naphthalene	< 0.0191	ug/l	0.0191	0.0609	1	M8270C	2/17/2023	2/17/2023	NJC	1
2-Methyl naphthalene	< 0.0186	ug/l	0.0186	0.059	1	M8270C	2/17/2023	2/17/2023	NJC	1
Naphthalene	0.032 "J"	ug/l	0.03	0.1	1	M8270C	2/17/2023	2/17/2023	NJC	1
Phenanthrene	0.0233 "J"	ug/l	0.0143	0.0456	1	M8270C	2/17/2023	2/17/2023	NJC	1
Pyrene	< 0.0121	ug/l	0.0121	0.0386	1	M8270C	2/17/2023	2/17/2023	NJC	1

Project Name SONA
Project # 210807

Invoice # E42003

Lab Code 5042003D
Sample ID P-8 6-8' (ASTM EXT.)
Sample Matrix Water
Sample Date 2/6/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic Metals										
Cadmium, Total	0.10 "J"	ug/l	0.04	0.13	1	6020		2/24/2023	BLE	1
Lead, Total	1.4 "J"	ug/l	0.7	2.3	1	6020		2/24/2023	BLE	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code ***Comment***

1 Laboratory QC within limits.

BLE denotes sub contract lab - Certification #445023150

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

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

Lab I.D. # _____

QUOTE #: 210807

Project #: _____

Sampler: (signature) *[Signature]*

Project (Name / Location): *Soda Trenton Ott*

Reports To: *Trenton Ott*

Company: *FEC, Inc.*

Address: *6635 N. Sidney Place*

City State Zip: *Milwaukee, WI 53209*

Phone: *(414) 228-5815*

Email: *toth@recinc.us*

Invoice To: *Same*

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	Analysis Requested	Other Analysis	PID/ FID
S012003A	P-2 8-10ft	2/6/03	Am	N	1	Soil	None	DRO (Mod DRO Sep 95) GRO (Mod GRO Sep 95) LEAD NITRATE/NITRITE OIL & GREASE PAH (EPA 8270) PCB PVC (EPA 8021) PVC + NAPHTHALENE SULFATE TOTAL SUSPENDED SOLIDS VOC DW (EPA 5242) VOC (EPA 8260) VOC AIR (TO - 15) 8-RCRA METALS	X X X X	
B	P-4 8-10ft									
C	P-7 2-4ft									
D	P-8 6-8ft									

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

Neutral water heads per ASTM 3987 for PAH, lead, or Cadmium

Sample Integrity - To be completed by receiving lab.

Method of Shipment: *CS* °C On Ice:

Temp. of Temp. Blank: _____ °C Yes No

Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) *[Signature]* Time *11:50* Date *2/6/03*

Received By: (sign) *[Signature]* Time *7:30* Date *2/9/03*