

February 1, 2019

Mr. Keld Lauridsen  
Hydrogeologist/Project Manager  
DNR-Northeast Region RR  
2984 Shawano Avenue  
Green Bay, WI 54313-6727

**Re: Site Status Letter at the Former American Quality Fibers Site  
OMNNI Project Number N1645A18**

Dear Keld:

The purpose of this letter report is to summarize the soil sampling results conducted on November 15, 2018 at the former American Quality Fibers site. The former American Quality Fibers is located at 204 Railroad Street (BRRS # 02-71-208585), in the City of Menasha, Wisconsin (reference Figure 1 – Site Location Map). This report includes:

- Figure 1 – Site Location Map
- Figure 2 – Site Detail Map
- Table 1 – Soil Analytical Summary
- Historical Analytical Tables (*Soil and Groundwater Investigation – OMNNI November 4, 2003*)
- Soil Boring Logs
- Photograph Summary
- Laboratory Report

Groundwater monitoring wells were not sampled as part of the November 2018 sampling event. OMNNI performed four hand auger borings along the northern end of the property in the areas around MW1 to MW9 (reference Figure 2 – Site Detailed Map). Hand borings were completed to a depth of five feet below the ground surface. Five samples were collected from each hand boring. Soil samples were analyzed for volatile organic compounds (VOCs), arsenic, lead and chromium.

Soils consisted of a silty sand with organics trace gravel followed by a reddish-brown clay. Soil samples were field screened using a photoionization detector (PID). Elevated PID readings were detected in hand borings HA02 and HA03 at depths of three to five feet below the ground surface (reference Soil Boring Logs). Upon completion, hand borings were backfilled with their respective soil cuttings and covered with woodchips.

Hand boring HA01 was placed in the vicinity of MW9, HA02 was placed in the vicinity of MW1, HA03 was placed in the vicinity of MW6, and HA04 was placed between MW6 and MW9 (reference Figure 2 – Site Detailed Map).

Arsenic was detected in all of the soil samples collected. Hand borings HA01, HA03 and HA04 did not have arsenic concentrations exceeding state standards. Arsenic was detected exceeding the industrial direct contact residual contaminant levels (RCLs) and the soil-to-groundwater pathway RCLs in soil boring HA02A (reference Table 1 – Soil Analytical Summary; Laboratory Results).

Lead was detected in all of the hand borings. HA01 did not have any concentrations exceeding state standards. Samples HA02A, HA02B, HA03A and HA04A had lead concentrations exceeding the soil-to-groundwater pathway RCLs (reference Table 1 – Soil Analytical Summary; Laboratory Results).

Chromium was detected in all of the hand borings. However, concentrations detected were below state standards in all of the samples collected (reference Table 1 – Soil Analytical Summary; Laboratory Results).

Volatile organic compounds were detected in all of the hand boring locations at the site. Trichloroethene (TCE) was detected in soil samples HA02E and HA03E exceeding the industrial direct contact RCLs. Ethylbenzene was detected in soil samples HA02C and HA02E exceeding the non-industrial direct contact RCLs. TCE was detected in soil samples HA02A, HA02B, HA02D, HA03A, HA03B, HA03D, HA04A, HA04D and HA04E exceeding the non-industrial direct contact RCLs. All of the hand boring locations had a soil-to-groundwater pathway RCL exceedance in at least one VOC parameter (reference Table 1 – Soil Analytical Summary; Laboratory Results).

Based on the analytical results to date, it appears that the VOC trends are declining due to phytoremediation and/or natural attenuation (reference Historical Analytical Tables). OMNNI recommends additional soil sampling to get a better understanding of the soil conditions at the site.

Pictures were taken throughout the site at the time of the sampling visit. Photos include the hand boring locations, along with trees, debris, overall site photos, and the adjacent properties during the time of the visit (reference Photograph Summary).

If you have any questions on the enclosed information, please contact me at 920/830-6127 or by email at [quin.lenz@omnni.com](mailto:quin.lenz@omnni.com).

Sincerely,  
OMNNI Associates, Inc.



Quin Lenz  
*Scientist / Hydrogeology*



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP, NEENAH, WISCONSIN QUADRANGLE, 1992.

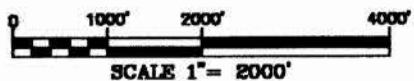


FIGURE 1  
SITE LOCATION MAP

FORMER AMERICAN QUALITY FIBERS  
204 RAILROAD STREET  
MENASHA, WISCONSIN 54952



**OMNI**  
ASSOCIATES

ONE SYSTEMS DRIVE  
APPLETON, WI 54914  
PHONE (920) 735-8900  
FAX (920) 830-6100

PROJECT MANAGER:	PROJECT NO:	N1645A00
PROJECT ENGINEER:	CAD FILE NO:	N1645A1
DRAWN BY:	DLD	SCALE:
REVIEWED BY:	DATE:	9/25/00

- Legend**
- ⊕ Geoprobe Location
  - ▲ Surface Samples
  - ⊕ OMNNI Monitoring Well Location
  - ⊕ OMNNI Piezometer Location
  - ⊕ OMNNI Soil Boring Location
  - ▲ 2018 Hand Auger Locations



Project Manager: BDW  
 Project Engineer: BDW  
 Drawn By: JCW  
 Checked By: BDW  
 Date: 12/10/2018

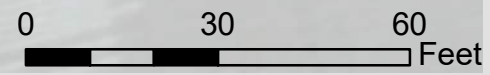


**FORMER AMERICAN QUALITY FIBERS  
 SITE DETAIL MAP**

204 RAILROAD STREET  
 MENESHA, WISCONSIN 54952



SCALE:  
 1" = 30'  
 PROJECT NO.  
**N1645A00**  
 FIGURE NO.  
**2**



**Former American Quality Fibers**

Table 1 - Soil Analytical Results Table

Detected Volatile Organic Compounds (VOC) (mg/kg)

Chemical Name	Ethylbenzene	n-Propylbenzene	n-Butylbenzene	1,3,5-Trimethylbenzene	Toluene	Tetrachloroethene	sec-Butylbenzene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	m&p-Xylene	Chloroform	Benzene	1,1,1-Trichloroethane	1,1-Dichloroethane	Trichloroethene (TCE)	1,2,3-Trichlorobenzene	Naphthalene	o-Xylene	1,2-Dichlorobenzene	1,2,4-Trimethylbenzene	tert-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene		
Non-Industrial Direct Contact RCL	8.02	264	108	182	818	33	145	156	1560		0.454	1.6	640	5.06	1.3	62.6	5.52	434	376	219	183	268	162		
Industrial Direct Contact RCL	35.4	264	108	182	818	145	145	2340	1850		1.98	7.07	640	22.2	8.41	934	24.1	434	376	219	183	268	162		
Soil-to-Groundwater Pathway RCL	1.57				1.1072	0.00454		0.0412	0.0626		0.00333	0.00512	0.1402	0.483418	0.00358		0.658182		1.168						
Sample	Depth (feet)	Date	100-41-4	103-65-1	104-51-8	108-67-8	108-88-3	127-18-4	135-98-8	156-59-2	156-60-5	179601-23-1	67-66-3	71-43-2	71-55-6	75-34-3	79-01-6	87-61-6	91-20-3	95-47-6	95-50-1	95-63-6	98-06-6	98-82-8	99-87-6
HA01A	0 - 0.5	11/15/2018	< 0.035	< 0.033	< 0.04	< 0.032	0.06 J	0.049 J	< 0.033	< 0.032	< 0.028	< 0.072	< 0.035	< 0.03	< 0.03	< 0.034	< 0.041	0.102 J	< 0.094	< 0.044	< 0.028	< 0.025	< 0.026	< 0.034	< 0.029
HA01B	1 - 2	11/15/2018	< 0.035	< 0.033	< 0.04	< 0.032	< 0.032	< 0.032	< 0.033	< 0.032	< 0.028	< 0.072	< 0.035	< 0.03	< 0.03	< 0.034	< 0.041	< 0.066	< 0.094	< 0.044	< 0.028	< 0.025	< 0.026	< 0.034	< 0.029
HA01C	2 - 3	11/15/2018	< 0.035	< 0.033	< 0.04	< 0.032	< 0.032	< 0.032	< 0.033	< 0.032	< 0.028	< 0.072	< 0.035	< 0.03	< 0.03	< 0.034	< 0.041	< 0.066	< 0.094	< 0.044	< 0.028	< 0.025	< 0.026	< 0.034	< 0.029
HA01D	3 - 4	11/15/2018	< 0.035	< 0.033	< 0.04	< 0.032	< 0.032	< 0.032	< 0.033	< 0.032	< 0.028	< 0.072	< 0.035	< 0.03	< 0.03	< 0.034	< 0.041	< 0.066	< 0.094	< 0.044	< 0.028	< 0.025	< 0.026	< 0.034	< 0.029
HA01E	4 - 5	11/15/2018	< 0.035	< 0.033	< 0.04	< 0.032	< 0.032	< 0.032	< 0.033	< 0.032	< 0.028	< 0.072	< 0.035	< 0.03	< 0.03	< 0.034	0.058 J	< 0.066	< 0.094	< 0.044	< 0.028	< 0.025	< 0.026	< 0.034	< 0.029
HA02A	0 - 0.5	11/15/2018	1.4	1.49	1.16	9	1.83	11.6	1.03	1.3	0.078 J	7.7	0.055 J	< 0.03	2.06	0.183	7.8	< 0.066	0.48	4.5	< 0.028	13.7	0.239	0.84	1.19
HA02B	1 - 2	11/15/2018	0.41	0.156	0.34	2.53	0.94	6.1	0.239	0.285	0.038 J	3.3	< 0.035	< 0.03	0.267 J	0.116	2.85	< 0.066	0.237 J	1.93	< 0.028	3.09	0.047 J	0.104 J	0.226
HA02C	2 - 3	11/15/2018	< 0.035	< 0.033	< 0.04	0.127	0.088 J	0.48	< 0.033	0.39	< 0.028	0.226 J	< 0.035	< 0.03	0.032 J	< 0.034	0.271	< 0.066	< 0.094	0.147	< 0.028	0.165	< 0.026	< 0.034	< 0.029
HA02D	3 - 4	11/15/2018	11.6	0.78	0.61	2.77	13.2	2.88	0.256	3.2	< 0.028	41	< 0.035	< 0.03	0.194 J	0.089 J	1.48	< 0.066	0.48	12.4	0.069 J	7.4	0.039 J	0.52	0.44
HA02E	4 - 5	11/15/2018	32	1.93	0.99	4.4	59	14.7	0.63	5.4	< 0.028	123	< 0.035	0.057 J	1.17	0.128	12.9	< 0.066	0.86	32	0.108	12.5	0.048 J	1.48	0.73
HA03A	0 - 0.5	11/15/2018	1.01	0.162	0.207	1.07	1.55	3.5	0.134	0.36	< 0.028	3.3	< 0.035	< 0.03	0.57 J	< 0.034	5.1	< 0.066	0.288 J	2.14	< 0.028	1.29	< 0.026	0.154	0.136
HA03B	1 - 2	11/15/2018	0.316	< 0.033	< 0.04	0.109	0.65	0.69	< 0.033	0.096 J	< 0.028	0.96	< 0.035	< 0.03	0.052 J	< 0.034	1.72	< 0.066	< 0.094	0.55	< 0.028	0.165	< 0.026	< 0.034	< 0.029
HA03C	2 - 3	11/15/2018	0.042 J	< 0.033	< 0.04	0.033 J	0.165	0.8	< 0.033	0.057 J	< 0.028	0.172 J	< 0.035	< 0.03	0.035 J	< 0.034	0.89	< 0.066	< 0.094	0.072 J	< 0.028	0.046 J	< 0.026	< 0.034	< 0.029
HA03D	3 - 4	11/15/2018	0.251	0.048 J	0.114 J	0.32	0.246	3.6	0.046 J	1.3	< 0.028	5.3	< 0.035	< 0.03	0.172 J	< 0.034	5.2	< 0.066	0.123 J	2.49	< 0.028	1.02	< 0.026	0.094 J	0.077 J
HA03E	4 - 5	11/15/2018	6.3	0.75	0.57	1.73	4.5	6.2	0.281	5.4	< 0.028	66	< 0.035	0.057 J	0.72 J	0.041 J	10.7	< 0.066	0.45	22.4	0.046 J	6	< 0.026	0.81	0.307
HA04A	0 - 0.5	11/15/2018	0.209	0.116	0.26	1.43	0.3	0.49	0.209	0.094 J	< 0.028	1.12	< 0.035	< 0.03	0.055 J	< 0.034	1.57	< 0.066	0.152 J	0.72	< 0.028	1.73	0.0313 J	0.103 J	0.111
HA04B	1 - 2	11/15/2018	< 0.035	< 0.033	< 0.04	0.177	0.034 J	0.108	< 0.033	< 0.032	< 0.028	0.125 J	< 0.035	< 0.03	< 0.03	< 0.034	0.24	< 0.066	< 0.094	0.062 J	< 0.028	0.14	< 0.026	< 0.034	< 0.029
HA04C	2 - 3	11/15/2018	< 0.035	< 0.033	< 0.04	0.034 J	< 0.032	0.136	< 0.033	< 0.032	< 0.028	< 0.072	< 0.035	< 0.03	< 0.03	< 0.034	0.28	< 0.066	< 0.094	< 0.044	< 0.028	0.033 J	< 0.026	< 0.034	< 0.029
HA04D	3 - 4	11/15/2018	< 0.035	< 0.033	< 0.04	< 0.032	< 0.032	0.77	< 0.033	< 0.032	< 0.028	< 0.072	< 0.035	< 0.03	0.063 J	< 0.034	1.33	< 0.066	< 0.094	< 0.044	< 0.028	< 0.025	< 0.026	< 0.034	< 0.029
HA04E	4 - 5	11/15/2018	< 0.035	< 0.033	< 0.04	< 0.032	< 0.032	1.35	< 0.033	< 0.032	< 0.028	< 0.072	< 0.035	< 0.03	0.108 J	< 0.034	2.92	< 0.066	< 0.094	< 0.044	< 0.028	< 0.025	< 0.026	< 0.034	< 0.029

6/1/2018 State of Wisconsin Soil Residual Contaminant Levels (RCL) were used.

RCL = residual contaminant level.

BOLD entries indicate that concentration detected above RCL.

J = Analyte detected between the limit of detection and limit of quantitation.

	Detectors with no exceedances above RCLs
	Non-Industrial DC RCL exceedance
	Industrial DC RCL exceedance
	Soil-to-Groundwater Pathway RCL exceedance

## Former American Quality Fibers

Table 1 - Soil Analytical Results Table

Detected RCRA Metals and Other Tested Compounds (mg/kg)

Chemical Name	Solids Percent	Lead, Total	Arsenic, Total	Chromium, Total
Non-Industrial Direct Contact RCL		400	0.677	
Industrial Direct Contact RCL		800	3	
Soil-to-Groundwater Pathway RCL		27	0.584	360000
Background Threshold Value (BTV)		51.6	8.3	43.5

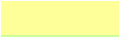



Sample	Depth (feet)	Date	_SolidsPct	7439-92-1	7440-38-2	7440-47-3
HA01A	0 - 0.5	11/15/2018	53.9	21.4	2.7	17.9
HA01B	1 - 2	11/15/2018	85.7	5.78	1.73	28.9
HA01C	2 - 3	11/15/2018	78.3	4.72	0.717 J	25.1
HA01D	3 - 4	11/15/2018	79	4.04	< 0.46	22.5
HA01E	4 - 5	11/15/2018	78.7	6.45	1.02 J	29.3
HA02A	0 - 0.5	11/15/2018	76.2	<b>189</b>	<b>19.8</b>	32.6
HA02B	1 - 2	11/15/2018	76.4	<b>79.5</b>	7.45	24.3
HA02C	2 - 3	11/15/2018	75.8	21.7	2.93	34.8
HA02D	3 - 4	11/15/2018	71.8	3.89	0.781 J	18.1
HA02E	4 - 5	11/15/2018	78.3	5.74	0.772 J	24.8
HA03A	0 - 0.5	11/15/2018	75.6	<b>200</b>	3.37	36.5
HA03B	1 - 2	11/15/2018	77	30	1.03 J	38.8
HA03C	2 - 3	11/15/2018	78	7.41	1.54	27.4
HA03D	3 - 4	11/15/2018	80.1	4.74	1.11 J	22.9
HA03E	4 - 5	11/15/2018	76.3	6.33	1.18 J	29.9
HA04A	0 - 0.5	11/15/2018	75.5	<b>60.4</b>	3.32	27.6
HA04B	1 - 2	11/15/2018	76.2	9.92	1.29 J	37.6
HA04C	2 - 3	11/15/2018	79.8	5.44	0.689 J	30.4
HA04D	3 - 4	11/15/2018	77.7	5.53	1.62	29.7
HA04E	4 - 5	11/15/2018	80.7	7.91	< 0.46	36

6/1/2018 State of Wisconsin Soil Residual Contaminant Levels (RCL) were used.

RCL = residual contaminant level.

BOLD entries indicate that concentration detected above RCL.

J = Analyte detected between the limit of detection and limit of quantitation.

	Detects with no exceedances above RCLs
	Non-Industrial DC RCL exceedance
	Industrial DC RCL exceedance
	Soil-to-Groundwater Pathway RCL exceedance

**FORMER AMERICAN QUALITY FIBERS  
204 Railroad St., Menasha, WI**

**TABLE 2  
SUMMARY OF LABORATORY ANALYSIS  
SOIL BORING SAMPLES - DNR**

**SOIL SAMPLES COLLECTED BY WDNR ON JULY 27, 1998**

Page 1 of 1

PARAMETER	Wis. NR 720 STANDARD	EPA 1 DAF	WSS-1	WSS-2	WSS-3	WSS-4	WSS-5	WSS-6	B1-2	B1-5	B2-2	B2-6	B3-3	B3-5	B4-A	B4-B	
SAMPLE DATE	-	-	7/27/98														
SAMPLE DEPTH (feet)	-	-	surface	surface	surface	surface	surface	surface	surface	3-5	9-11	3-5	11-13	5-7	9-11	3-5	9-11
DETECTED VOCs (µg/kg)																	
ACETONE	-	800	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	
BENZENE	5.5	2.0	<15	<15	<15	<15	115	<15	502	1,110	<15	<15	<15	<15	<15	<15	
N-BUTYLBENZENE	-	-	169	792	<25	775	<25	<25	4.49	5290	249	<25	<25	<25	<25	163	
1,2-DICHLOROETHANE	-	900	<15	<15	<15	128	<15	<15	909	1,060	<15	<15	<15	<15	<15	<15	
1,3-DICHLOROETHANE	-	-	<15	<15	<15	84	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	
1,4-DICHLOROETHANE	-	100	<15	<15	<15	116	<15	<15	103	107	<15	<15	<15	<15	<15	<15	
1,1-DICHLOROETHANE	-	1,000	<25	234	<25	<25	205	<25	173	183	152	<25	<25	570	<25	<25	
1,1-DICHLOROETHYLENE	-	3.0	<25	<25	<25	<25	<25	<25	115	<25	<25	<25	<25	<25	<25	<25	
CIS-1,2-DICHLOROETHYLENE	-	20	222	7,410	<15	264	<15	<15	2,390	1,900	<15	<15	<15	<15	<15	83	
TRANS-1,2-DICHLOROETHYLENE	-	30	<15	164	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	84	
ETHYLBENZENE	2,900	700	119	20,000	<15	1,340	<15	<15	30,500	51,200	471	<15	<15	<15	<15	24	
ISOPROPYLBENZENE	-	-	<25	1420	<25	281	159	<25	1,430	3,390	<25	<25	<25	<25	<25	<25	
P-ISOPROPYLTOLUENE	-	-	<25	<25	<25	<25	<25	<25	1,020	1,410	<25	<25	<25	<25	<25	<25	
METHYL ETHYL KETONE (MEK)	-	-	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	
METHYL ISOBUTYL KETONE (MIBK)	-	-	<500	3,400	<500	740	<500	<500	3,900	11,000	<500	<500	<500	<500	<500	<500	
METHYLENE CHLORIDE	-	1.0	<25	215	<25	172	142	<25	141	188	100	78	<25	65	<25	<25	
NAPHTHALENE	-	4,000	76	276	73	1210	152	91	2140	1670	282	<15	<15	51	111	89	
N-PROPYLBENZENE	-	-	109	980	<25	447	<25	<25	3530	4180	135	<25	138	<25	<25	<25	
STYRENE	-	200	<25	<25	<25	<25	169	<25	<25	<25	<25	<25	203	<25	<25	<25	
TETRACHLOROETHENE	-	3.0	393	5,590	149	21,200	153	190	85,900	87,900	748	59	70	109	<25	199	
TOLUENE	1,500	600	374	5,420	183	1880	229	167	94,400	109,000	836	185	200	154	179	232	
1,1,1-TRICHLOROETHANE	-	100	96	1,940	<25	4,920	6,890	<25	33,900	28,600	80	<25	<25	49	<25	42	
1,1,2-TRICHLOROETHANE	-	0.9	<25	<25	<25	2,970	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
TRICHLOROETHENE	-	3.0	510	23,900	480	1,050	58	33	120,000	161,000	904	127	81	69	52	637	
TRICHLOROFLUOROMETHANE	-	-	<25	<25	<25	1,050	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
1,2,4-TRIMETHYLBENZENE	-	-	185	1,140	<25	2,050	68	42	18,800	27,300	241	<25	75	<25	36	89	
1,3,5-TRIMETHYLBENZENE	-	-	292	2,400	279	1,090	304	237	8,580	9,670	332	236	299	225	268	258	
VINYL CHLORIDE	-	0.7	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
XYLENES	4,100	29,000	604	71,800	271	5,420	354	214	118,500	204,500	1,310	227	258	141	159	491	
DETECTED RCRA METALS (mg/kg)	Wis. NR 720 STANDARD (Industrial)	Wis. NR 605 STANDARD (TCLP)*															
ARSENIC	1.6	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
BARIUM	-	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
CADMIUM	510	1.0	<0.4	1.3	<0.4	39	2.3	0.6	NA	NA	NA	NA	NA	NA	NA	NA	
CHROMIUM	200	5.0	17	45	26	2,100	110	32	NA	NA	NA	NA	NA	NA	NA	NA	
LEAD (TOTAL/TCLP)	500	5.0	29/0.18	190/<0.08	71/<0.08	12,000/6.8	210/<0.08	50/0.11	NA	NA	NA	NA	NA	NA	NA	NA	
MERCURY	-	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
SELENIUM	-	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
SILVER	-	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

NA = Not Analyzed "J" = Detected between the limit of detection and limit of quantitation.

\* = The Wis. Adm. Code NR 605 limits for the metals are based on TCLP method 1311. A total metals analysis was performed on most samples. The total:TCLP ratio is estimated to be 20:1

- = Detected above Wis. NR 720 soil standard
- = Detected above the EPA 1 DAF soil standard
- = Detected above both the EPA and Wis. NR 720 soil standards

**TABLE 4  
SUMMARY OF LABORATORY ANALYSIS OF SOIL BORINGS**

PARAMETER	Wis. NR 720 STANDARD	EPA 1 DAF	MW4-2 (B6)	MW4-5 (B6)	MWS-1 (B8)	MWS-3 (B8)	MWS-6 (B8)	11/29/00	
								MW6-4 (B9)	MW6-5 (B9)
SAMPLE DATE	-	-	11/27/00	11/28/00				11/29/00	
SAMPLE DEPTH (feet)	-	-	3-5	13-15	1-3	5-7	18-20	8-10	13-15
DETECTED VOCs (µg/kg)									
ACETONE	-	800	NA	NA	NA	NA	NA	NA	NA
BENZENE	5.5	2.0	<25	<25	NA	<25	<25	<250	<1300
sec-BUTYLBENZENE	-	-	<25	<25	NA	<25	<25	<250	<1300
N-BUTYLBENZENE	-	-	<25	<25	NA	<25	<25	310	2,000
2,2-DCP, CIS-1,2DICHLOROETHENE	-	-	<25	<25	NA	<25	<25	<500	3,800
1,2-DICHLOROBENZENE	-	900	<25	<25	NA	<25	<25	<250	<1,300
1,4-DICHLOROBENZENE	-	100	<25	<25	NA	<25	<25	<250	<1300
1,1-DICHLOROETHANE	-	1,000	<25	<25	NA	<25	<25	<250	<1,300
1,1-DICHLOROETHYLENE	-	3.0	<25	<25	NA	<25	<25	<250	<1,300
CIS-1,2-DICHLOROETHENE	-	20	<25	<25	NA	<25	<25	1,300	2,500
TRANS-1,2-DICHLOROETHYLENE	-	30	<25	<25	NA	<25	<25	<250	<1300
ETHYLBENZENE	2,900	700	<25	<25	NA	<25	<25	29,000	36,000
ISOPROPYLBENZENE	-	-	<25	<25	NA	<25	<25	1,200	<1,300
P-ISOPROPYLTOLUENE	-	-	<25	<25	NA	<25	<25	<250	<1,300
METHYL ETHYL KETONE (MEK)	-	-	NA	NA	NA	NA	NA	NA	NA
METHYL ISOBUTYL KETONE (MIBK)	-	-	<25	<25	NA	<25	<25	NA	NA
METHYLENE CHLORIDE	-	1.0	<25	<25	NA	<25	<25	<250	<1300
NAPHTHALENE	-	4,000	<25	<25	NA	<25	<25	1,100	2,100
N-PROPYLBENZENE	-	-	<25	<25	NA	<25	<25	1,000	1,400
STYRENE	-	200	<25	<25	NA	<25	<25	NA	NA
TETRACHLOROETHENE	-	3.0	<25	<25	NA	<25	<25	1,100	1,900
TOLUENE	1,500	600	<25	<25	NA	<25	<25	31,000	78,000
1,1,1-TRICHLOROETHANE	-	100	<25	<25	NA	<25	<25	510	<1,300
TRICHLOROETHENE	-	3.0	<25	<25	NA	<25	100	8,800	34,000
1,2,4-TRIMETHYLBENZENE	-	-	<25	<25	NA	<25	<25	1,400	1,500
1,3,5-TRIMETHYLBENZENE	-	-	<25	<25	NA	<25	<25	570	<1,300
VINYL CHLORIDE	-	0.7	<25	<25	NA	<25	<25	<250	<1300
XYLENES	4,100	29,000	<75	<75	NA	<75	<75	105,000	120,000
DETECTED RCRA METALS (mg/kg)	Wis. NR 720 STANDARD (Industrial)	Wis. NR 605 STANDARD (TCLP) <sup>b</sup>							
ARSENIC	1.6	5.0	NA	NA	1.7"J"	NA	NA	NA	NA
BARIUM	-	100	NA	NA	95	NA	NA	NA	NA
CADMIUM	510	1.0	NA	NA	<1.2	NA	NA	NA	NA
CHROMIUM	200	5.0	NA	NA	35	NA	NA	NA	NA
LEAD (TOTAL/TCLP)	500	5.0	NA	NA	15"J"	NA	NA	NA	NA
MERCURY	-	0.2	NA	NA	<0.03	NA	NA	NA	NA
SELENIUM	-	1.0	NA	NA	<2.5	NA	NA	NA	NA
SILVER	-	5.0	NA	NA	11	NA	NA	NA	NA

NA = Not Analyzed "J" = Detected between the limit of detection and limit of quantitation.

- = Detected above Wis. NR 720 soil standard
- = Detected above the EPA 1 DAF soil standard
- = Detected above both the EPA and Wis. NR 720 soil standards



**TABLE 4  
SUMMARY OF LABORATORY ANALYSIS OF SOIL BORINGS**

PARAMETER	Wis. NR 720 STANDARD	EPA 1 DAF	B10-1	B10-4	B11-1	B11-3	MW7-4 (B12)	MW8-2 (B13)	MW8-5 (B13)	(MW9) B16-4	(MW9) B16-5	(MW10) B17-3	(MW10) B17-5	SS-14-2
SAMPLE DATE	-	-	11/30/00							2/5/01				6/5/01
SAMPLE DEPTH (feet)	-	-	0-2	11-13	0-2	4-6	8-10	4-6	13-15	11-13	16-18	6-8	16-18	0-6"
DETECTED VOCs (µg/kg)														
ACETONE	-	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZENE	5.5	2.0	NA	<25	NA	<25	<25	<500	<1,300	<25	<25	<25	<25	NA
sec-BUTYLBENZENE	-	-	NA	<25	NA	<25	<25	<500	<1300	<25	<25	<25	32	NA
N-BUTYLBENZENE	-	-	NA	<25	NA	<25	<25	710	<1,300	<25	<25	<25	210	NA
2,2-DCP, CIS-1,2-DICHLOROETHENE	-	-	NA	<50	NA	<50	<50	<1,000	<2,500	<50	<50	<50	<50	NA
1,2-DICHLOROBENZENE	-	900	NA	<25	NA	<25	<25	<500	<1,300	<25	<25	<25	<25	NA
1,4-DICHLOROBENZENE	-	100	NA	<25	NA	<25	<25	<500	<1,300	<25	<25	<25	<25	NA
1,1-DICHLOROETHANE	-	1,000	NA	<25	NA	<25	<25	<500	<1,300	<25	<25	<25	<25	NA
1,1-DICHLOROETHYLENE	-	3.0	NA	<25	NA	<25	<25	<500	<1,300	<25	<25	<25	<25	NA
CIS-1,2-DICHLOROETHENE	-	20	NA	<25	NA	<25	<25	<500	<1,300	130	150	240	440	NA
TRANS-1,2-DICHLOROETHYLENE	-	30	NA	<25	NA	<25	<25	<500	<1300	<25	<25	<25	<25	NA
ETHYLBENZENE	2,900	700	NA	<25	NA	<25	<25	51,000	190,000	<25	<25	700	3,600	NA
ISOPROPYLBENZENE	-	-	NA	<25	NA	<25	<25	1,800	7,500	<25	<25	<25	220	NA
P-ISOPROPYLTOLUENE	-	-	NA	<25	NA	<25	<25	<500	<1,300	<25	<25	<25	33	NA
METHYL ETHYL KETONE (MEK)	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHYL ISOBUTYL KETONE (MIBK)	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	-	1.0	NA	<25	NA	<25	<25	<500	<1300	<25	<25	<25	<25	NA
NAPHTHALENE	-	4,000	NA	<25	NA	<25	<25	1,300	<1,300	<25	<25	<25	<25	NA
N-PROPYLBENZENE	-	-	NA	<25	NA	<25	<25	1,500	6,100	<25	<25	<25	220	NA
STYRENE	-	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE	-	3.0	NA	<25	NA	<25	<25	<500	<1,300	34	<25	<25	<25	NA
TOLUENE	1,500	600	NA	<25	NA	<25	<25	14,000	89,000	<25	<25	68	220	NA
1,1,1-TRICHLOROETHANE	-	100	NA	<25	NA	100	<25	<500	<1,300	<25	<25	<25	<25	NA
TRICHLOROETHENE	-	3.0	NA	<25	NA	<25	<25	<500	<1,300	<25	<25	<25	58	NA
1,2,4-TRIMETHYLBENZENE	-	-	NA	<25	NA	<25	<25	<500	<1,300	<25	<25	<25	270	NA
1,3,5-TRIMETHYLBENZENE	-	-	NA	<25	NA	<25	<25	<500	1,300	<25	<25	<25	93	NA
VINYL CHLORIDE	-	0.7	NA	<25	NA	<25	<25	<500	<1300	<25	<25	<25	<25	NA
XYLENES	4,100	29,000	NA	<75	NA	<75	<75	195,000	670,000	49	<75	15,000	20,400	NA
DETECTED RCRA METALS (mg/kg)	Wis. NR 720 STANDARD (Industrial)	Wis. NR 605 STANDARD (TCLP) <sup>b</sup>												
ARSENIC	1.6	5.0	2.4	NA	12	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM	-	100	76	NA	78	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM	510	1.0	1.4"J"	NA	6.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM	200	5.0	37	NA	76	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD (TOTAL/TCLP)	500	5.0	46<1.2	NA	58<1.2	NA	NA	NA	NA	NA	NA	NA	NA	3,110
MERCURY	-	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SELENIUM	-	1.0	<2.5	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
SILVER	-	5.0	0.7"J"	NA	28	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not Analyzed "J" = Detected between the limit of detection and limit of quantiti

- = Detected above Wis. NR 720 soil standard
- = Detected above the EPA 1 DAF soil standard
- = Detected above both the EPA and Wis. NR 720 soil standards

**FORMER AMERICAN QUALITY FIBERS  
204 Railroad St., Menasha, WI**

**TABLE 3  
SUMMARY OF LABORATORY ANALYSIS (METALS) FOR SURFACE SOIL SAMPLES - EPA**

**SURFACE SOIL SAMPLES COLLECTED BY ECOLOGY AND ENVIRONMENT, INC. ON MARCH 23, 1998, AND APRIL 28, 1999  
AS INCLUDED IN A SITE ASSESSMENT REPORT TO THE U.S. EPA DATED JUNE 23, 1999**

Page 2 of 2

PARAMETER	Wis. NR 720 STANDARD (Industrial)	Wis. NR 605 STANDARD (TCLP)*	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	SS-9	SS-9D (Duplicate of SS-9)	SS-11	SS-12	SS-13	SS-14	SS-15
SAMPLE DATE	-	-	3/23/98														
SAMPLE DEPTH	-	-	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"
METAL ANALYSIS (mg/kg)																	
ARSENIC	1.6	5.0	84.2	174	121	21.4	22.5	84.6	359	213	27.4	32.6	16.1	25.2	7	5.2	15.3
BARIUM	-	100	88.6	62.3	111	78.6	111	69.6	244	130	759	971	99.8	150.0	57.8	30.1	61.7
CADMIUM	510	1.0	<1	<1	2	<1	<1	2.1	3.6	1.9	7.1	10.3	<1	<1	1.1	<1	<1
CHROMIUM	200	5.0	37.6	13.4	56.5	29.7	46.1	20.8	240	263	600	851	24.6	36.8	54.6	10.1	17.6
LEAD (TOTAL/TCLP)	500	5.0	201/<0.05	236/<0.05	317/<0.05	93.8/<0.05	109/<0.05	208/<0.05	376/<0.05	571/<0.05	3850/1.27	5440/1.71	40.6/<0.05	39.2/<0.05	237/<0.05	74.4/<0.05	35.2/<0.05
MERCURY	-	0.2	2.4	<0.2	<0.2	<0.2	<0.2	<0.2	2.1	6.4	77.4	54.2	<0.2	<0.2	0.33	<0.2	<0.2
SELENIUM	-	1.0	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
SILVER	-	5.0	<1	<1	<1	<1	<1	<1	<1	<1	3.6	5.2	<1	<1	<1	<1	<1

PARAMETER	Wis. NR 720 STANDARD (Industrial)	Wis. NR 605 STANDARD (TCLP)*	SS-16	SS-17	SS-18	SS-19	SS-20	SS-21	SS-22	SS-23	SS-24	SS-25	SS-26	SS-27	Drain	Floor	
SAMPLE DATE	-	-	3/23/98	4/28/99													
SAMPLE DEPTH	-	-	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	
METAL ANALYSIS (mg/kg)																	
ARSENIC	1.6	5.0	10.9	10.5	15.6	7.6	5.3	6.6	<5	9	25.2	<5	6.6	9.9	11.2	<5	
BARIUM	-	100	74.5	104	108	95.3	90	110	68.1	88.4	110	19.5	18.7	53	165	14.4	
CADMIUM	510	1.0	2.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2.5	<1	
CHROMIUM	200	5.0	44.1	24.9	27.6	21.3	79.8	19.9	19.4	20.7	34	9.5	8.8	15.1	165	12.5	
LEAD (TOTAL/TCLP)	500	5.0	318/<0.05	30.7/<0.05	55.9/<0.05	36/<0.05	50.1/<0.05	52.2/<0.05	33.7/<0.05	40.2/<0.05	27.4/<0.05	12.5/<0.05	6.7/<0.05	18.1/<0.05	1430-0.91	56.7	
MERCURY (TOTAL/TCLP)	-	0.2	<0.2/<0.001	<0.2/<0.001	<0.2/<0.001	<0.2/<0.001	<0.2/<0.001	<0.2/<0.001	<0.2/<0.001	<0.2/<0.001	<0.2/<0.001	<0.2/<0.001	<0.2/<0.001	<0.2/<0.001	0.25/<0.001	2.5/<0.001	<0.2
SELENIUM	-	1.0	<5	<5	<5	<5	<5	<5	<5	6.3	<5	<5	<5	<5	5.4	<5	
SILVER	-	5.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.6	<1	

NA = Not Analyzed "J" = Detected between the limit of detection and limit of quantitation.

\* = The Wis. Adm. Code NR 605 limits for the metals are based on TCLP method 1311. A total metals analysis was performed on most samples. The total:TCLP ratio is estimated to be 20:1

= Detected above Wis. NR 720 soil standard

**FORMER AMERICAN QUALITY FIBERS  
204 Railroad St., Menasha, WI**

**TABLE 3  
SUMMARY OF LABORATORY ANALYSIS OF SOIL BORING SAMPLES - EPA**

**SURFACE SAMPLES COLLECTED BY ECOLOGY AND ENVIRONMENT, INC. ON MARCH 23, 1998, AND APRIL 28, 1999  
(SAMPLES WITH BOTH VOC AND METALS ANALYSIS - See Page 2 of 2 FOR A COMPLETE SUMMARY OF ALL METALS ANALYSES)**

Page 1 of 2

PARAMETER	Wis. NR 720 STANDARD	EPA 1 DAF	SS-3	SS-5	SS-7	SS-9	SS-12	SS-16	SS-17	SS-18	SS-20	SS-23	SS-24	SS-25	SS-26	SS-27	Drain
SAMPLE DATE	-	-	3/23/98					4/28/99									
SAMPLE DEPTH	-	-	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"
DETECTED VOCs (µg/kg)																	
ACETONE	-	800	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
BENZENE	5.5	2.0	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
N-BUTYLBENZENE	-	-	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
1,2-DICHLOROBENZENE	-	900	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
1,3-DICHLOROBENZENE	-	-	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
1,4-DICHLOROBENZENE	-	100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
1,1-DICHLOROETHANE	-	1,000	130	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	1,200
1,1-DICHLOROETHYLENE	-	3.0	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
CIS-1,2-DICHLOROETHYLENE	-	20	340	400	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
TRANS-1,2-DICHLOROETHYLENE	-	30	200	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
ETHYLBENZENE	2,900	700	<50	130	<50	51	<50	<50	<50	<50	<50	<50	1,300	<50	<50	<50	10,000
ISOPROPYLBENZENE	-	-	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
P-ISOPROPYLTOLUENE	-	-	<100	1100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
METHYL ETHYL KETONE (MEK)	-	-	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
METHYL ISOBUTYL KETONE (MIBK)	-	-	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
METHYLENE CHLORIDE	-	1.0	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
NAPHTHALENE	-	4,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	12,000
N-PROPYLBENZENE	-	-	<50	140	<50	<50	<50	<50	<50	<50	<50	<50	76	<50	<50	<50	1200
STYRENE	-	200	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	4,400
TETRACHLOROETHENE	-	3.0	300	1,700	<50	310	<50	<50	<50	<50	<50	54	<50	<50	<50	130	4,600
TOLUENE	1,500	600	520	200	100	58	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	23,000
1,1,1-TRICHLOROETHANE	-	100	190	280	320	260	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
1,1,2-TRICHLOROETHANE	-	0.9	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
TRICHLOROETHENE	-	3.0	5,100	2,100	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	120	<50
TRICHLOROFLUOROMETHANE	-	-	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
1,2,4-TRIMETHYLBENZENE	-	-	<100	2,000	<100	<100	<100	<100	<100	<100	<100	<100	140	<100	<100	<100	15,000
1,3,5-TRIMETHYLBENZENE	-	-	<100	2,400	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	9,500
VINYL CHLORIDE	-	0.7	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
XYLENES	4,100	29,000	<100	860	<100	284	<100	<100	<100	<100	<100	<100	1,020	<100	<100	<100	53,000
TPH (GRO/DRO)	-	-	NA	NA	NA	NA	NA	33	<10,000	<10,000	<10,000	<10,000	<10,000	<10,000	<10,000	<10,000	<10,000
DETECTED RCRA METALS (mg/kg)																	
	Wis. NR 720 STANDARD (Industrial)	Wis. NR 605 STANDARD (TCLP)*															
ARSENIC	1.6	5.0	121	23	359	27	25	11	11	16	5	9	25	<5	7	10	11
BARIUM	-	100	111	111	244	759	150	75	104	108	90	88	110	20	19	53	165
CADMIUM	510	1.0	2	<1	4	7	<1	3	<1	<1	<1	<1	<1	<1	<1	<1	3
CHROMIUM	200	5.0	57	46	240	600	37	44	25	28	80	21	34	10	9	15	165
LEAD (TOTAL/TCLP)	500	5.0	317/<0.05	109/<0.05	376/<0.05	3,850/1.27	39.2/<0.05	318/<0.05	30.7/<0.05	55.9/<0.05	50.1/<0.05	40.2/<0.05	27.4/<0.05	12.5/<0.05	6.7/<0.05	18.1/<0.05	1,430/0.91
MERCURY	-	0.2	<0.2	<0.2	2	77	<0.2	<0.2/<0.001	<0.2/<0.001	<0.2/<0.001	<0.2/<0.001	<0.2/<0.001	<0.2/<0.001	<0.2/<0.001	<0.2/<0.001	0.25/<0.001	2.5/<0.001
SELENIUM	-	1.0	<5	<5	<5	<5	<5	<5	<5	<5	<5	6	<5	<5	<5	<5	5
SILVER	-	5.0	<1	<1	<1	4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2

NA = Not Analyzed "J" = Detected between the limit of detection and limit of quantitation.

\* = The Wis. Adm. Code NR 605 limits for the metals are based on TCLP method 1311. A total metals analysis was performed on most samples. The total:TCLP ratio is estimated to be 20:1

- = Detected above Wis. NR 720 soil standard
- = Detected above the EPA 1 DAF soil standard
- = Detected above both the EPA and Wis. NR 720 soil standards

**TABLE 4  
SUMMARY OF LABORATORY ANALYSIS OF SOIL BORING SAMPLES**

PARAMETER	Wis. NR 720 STANDARD	EPA 1 DAF	(MW12)	(MW12)	(MW13)	(MW14)	(MW14)	(MW15) B26-3	(MW15) B26-5	B28-1	B28-4	B29-4	B30-1
			B20-1	B20-5	B21-5	B22-3	B22-6	5-7	13-15				
SAMPLE DATE	-	-	5/10/02					5/13/02		6/5/02			
SAMPLE DEPTH (feet unless noted)	-	-	1-3	13-15	13-15	5-7	18-20	5-7	13-15	0 - 6"	6-8	6-8	0-2
DETECTED VOCs (µg/kg)													
ACETONE	-	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZENE / (TCLP - mg/L) <sup>A</sup>	5.5	2.0	<25	<25	<25	<25	<25	1,800	<1,300	NA	<25	<1300 / 0.020	<25
sec-BUTYLBENZENE	-	-	<25	<25	<25	<25	<25	10,000	2,600	NA	<25	8,800	250
N-BUTYLBENZENE	-	-	67	<25	<25	<25	<25	40,000	12,000	NA	<25	26,000	1,100
2-CHLOROTOLUENE	-	-	<25	<25	<25	<25	<25	<1300	<1,300	NA	<25	<1300	<25
2,2-DCP, CIS-1,2DICHLOROETHENE	-	-	<50	<50	<50	<50	<50	<2,500	<2,500	NA	<50	<2500	<50
1,2-DICHLOROBENZENE	-	900	<25	<25	<25	<25	<25	<1,300	<1,300	NA	<25	<1300	<25
1,4-DICHLOROBENZENE	-	100	<25	<25	<25	<25	<25	<1,300	<1,300	NA	<25	<1300	<25
1,1-DICHLOROETHANE	-	1,000	140	<25	<25	<25	<25	<1,300	<1,300	NA	<25	<1300	<25
1,1-DICHLOROETHYLENE (TCLP - mg/L) <sup>A</sup>	-	3.0	<25	<25	<25	<25	<25	<1,300	<1,300	NA	<25	<1300 / <0.02	<25
CIS-1,2-DICHLOROETHENE	-	20	750	<25	<25	<25	<25	18,000	7,300	NA	<25	11,000	46
TRANS-1,2-DICHLOROETHYLENE	-	30	140	<25	<25	<25	<25	<1,300	<1,300	NA	<25	<1300	<25
ETHYLBENZENE	2,900	700	<25	<25	<25	<25	<25	91,000	58,000	NA	<25	260,000	1,600
ISOPROPYLBENZENE	-	-	<25	<25	<25	<25	<25	13,000	2,600	NA	<25	16,000	320
P-ISOPROPYLTOLUENE	-	-	<25	<25	<25	<25	<25	7,100	<1,300	NA	<25	10,000	440
METHYL ETHYL KETONE (MEK) / (TCLP - mg/L) <sup>A</sup>	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA / <0.008	NA
METHYL ISOBUTYL KETONE (MIBK)	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	-	1.0	<25	<25	<25	<25	<25	<1,300	<1,300	NA	<25	<1300	<25
NAPHTHALENE	-	4,000	<25	<25	<25	<25	<25	12,000	2,200	NA	<25	5,100	350
N-PROPYLBENZENE	-	-	<25	<25	<25	<25	<25	7,200	4,400	NA	<25	14,000	250
STYRENE	-	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE / (TCLP - mg/L) <sup>A</sup>	-	3.0	19,000	110	180	<25	<25	55,000 / 1.5	11,000 / 0.043	NA	<25	20,000 / 0.67	2,000
TOLUENE	1,500	600	<25	<25	<25	<25	<25	460,000	63,000	NA	<25	270,000	1,300
1,1,1-TRICHLOROETHANE	-	100	1,400	<25	<25	<25	<25	120,000	5,400	NA	<25	9,100	79
1,1,2-TRICHLOROETHANE	-	0.9	<25	<25	<25	<25	<25	<1300	<1300	NA	<25	<1300	<25
TRICHLOROETHENE / (TCLP - mg/L) <sup>A</sup>	-	3.0	940	<25	220	<25	<25	690,000 / 9,700	12,000 / 0.055	NA	<25	100,000 / 3.2	790
1,2,4-TRIMETHYLBENZENE	-	-	46	<25	<25	<25	<25	79,000	16,000	NA	<25	44,000	1,300
1,3,5-TRIMETHYLBENZENE	-	-	64	<25	<25	<25	<25	69,000	7,900	NA	<25	25,000	520
VINYL CHLORIDE / (TCLP - mg/L) <sup>A</sup>	-	0.7	<25	<25	<25	<25	<25	<1300	<1300	NA	<25	<1300 / <0.008	<25
XYLENES	4,100	29,000	<50	<50	<50	<50	<50	295,000	193,000	NA	<50	860,000	5,900
DETECTED RCRA METALS (mg/kg)	Wis. NR 720 STANDARD (Industrial)	Wis. NR 605 STANDARD (TCLP) <sup>B</sup>											
ARSENIC (TOTAL/TCLP)	1.6	5.0	NA	NA	NA	NA	NA	NA	NA	1.6	NA	NA	NA
BARIUM	-	100	NA	NA	NA	NA	NA	NA	NA	212	NA	NA	NA
CADMIUM	510	1.0	NA	NA	NA	NA	NA	NA	NA	<0.7	NA	NA	NA
CHROMIUM	200	5.0	NA	NA	NA	NA	NA	NA	NA	56	NA	NA	NA
LEAD (TOTAL/TCLP)	500	5.0	NA	NA	NA	NA	NA	NA	NA	<3	NA	NA	NA
MERCURY	-	0.2	NA	NA	NA	NA	NA	NA	NA	0.060	NA	NA	NA
SELENIUM	-	1.0	NA	NA	NA	NA	NA	NA	NA	<2.5	NA	NA	NA
SILVER	-	5.0	NA	NA	NA	NA	NA	NA	NA	<1	NA	NA	NA
DETECTED PCBs (µg/kg)	40 CFR 761.61 limits for unrestricted land use												
Aroclor 1254	1,000 (combined)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1,000 (combined)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not Analyzed "J" = Detected between the limit of detection and limit of quantitation.  
A = The Wis. Adm. Code NR 605 TCLP standards (mg/L) are as follows: Benzene(0.5) 1,1-DCE(0.7) MEK(200) PCE(0.7) TCE(0.5) Vinyl Chloride(0.2)

B = The Wis. Adm. Code NR 605 limits for the metals are based on TCLP method 1311. A total metals analysis was performed on most samples. The total:TCLP ratio is estimated to be 20:1

- = Detected above Wis. NR 720 soil standard
- = Detected above the EPA 1 DAF soil standard
- = Detected above both the EPA and Wis. NR 720 soil standards

**TABLE 4  
SUMMARY OF LABORATORY ANALYSIS OF SOIL BORING SAMPLES**

PARAMETER	Wis. NR 720 STANDARD	EPA 1 DAF	B30-4	B31-1	B31-3	B32-1	B32-2	B32-3	B33-1	B33-2	B34-1	B35-1	B36-1
SAMPLE DATE	-	-	6/5/02										
SAMPLE DEPTH (feet unless noted)	-	-	6-8	0 - 6"	4-6	0 - 6"	1-2	4-6	0 - 6"	2.0-3.5	1-2	0 - 6"	0 - 6"
DETECTED VOCs (µg/kg)													
ACETONE	-	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZENE / (TCLP - mg/L) <sup>A</sup>	5.5	2.0	<25	NA	1,700	<250 / < 0.005	NA	<25	NA	<25	<25	NA	<25
sec-BUTYLBENZENE	-	-	<25	NA	15,000	9,100	NA	<25	NA	74	<25	NA	<25
N-BUTYLBENZENE	-	-	<25	NA	50,000	51,000	NA	120	NA	170	50	NA	<25
2-CHLOROTOLUENE	-	-	<25	NA	<1300	1,900	NA	<25	NA	<25	<25	NA	<25
2,2-DCP, CIS-1,2-DICHLOROETHENE	-	-	<50	NA	<2500	<500	NA	<50	NA	<50	<50	NA	<50
1,2-DICHLOROBENZENE	-	900	<25	NA	<1300	3,500	NA	79	NA	34	<25	NA	<25
1,4-DICHLOROBENZENE	-	100	<25	NA	<1300	<250	NA	<25	NA	<25	<25	NA	<25
1,1-DICHLOROETHANE	-	1,000	<25	NA	<1300	2,500	NA	180	NA	230	380	NA	<25
1,1-DICHLOROETHYLENE (TCLP - mg/L) <sup>A</sup>	-	3.0	<25	NA	<1300	<250 / < 0.02	NA	<25	NA	<25	<25	NA	<25
CIS-1,2-DICHLOROETHENE	-	20	<25	NA	46,000	250	NA	<25	NA	<25	<25	NA	<25
TRANS-1,2-DICHLOROETHYLENE	-	30	<25	NA	<1300	<250	NA	<25	NA	<25	<25	NA	<25
ETHYLBENZENE	2,900	700	<25	NA	130,000	10,000	NA	100	NA	140	70	NA	<25
ISOPROPYLBENZENE	-	-	<25	NA	22,000	3,700	NA	<25	NA	<25	<25	NA	<25
P-ISOPROPYLTOLUENE	-	-	<25	NA	18,000	6,800	NA	<25	NA	61	<25	NA	<25
METHYL ETHYL KETONE (MEK) / (TCLP - mg/L) <sup>A</sup>	-	-	NA	NA	NA	NA / < 0.008	NA	NA	NA	NA	NA	NA	NA
METHYL ISOBUTYL KETONE (MIBK)	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	-	1.0	<25	NA	<1300	<250	NA	<25	NA	<25	280	NA	<25
NAPHTHALENE	-	4,000	<25	NA	8,900	39,000	NA	35	NA	<25	550	NA	48
N-PROPYLBENZENE	-	-	<25	NA	47,000	11,000	NA	<25	NA	32	<25	NA	<25
STYRENE	-	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE / (TCLP - mg/L) <sup>A</sup>	-	3.0	<25	NA	75,000	54,000 / 0.013"J"	NA	450	NA	430	220	NA	260
TOLUENE	1,500	600	<25	NA	560,000	14,000	NA	300	NA	100	890	NA	29
1,1,1-TRICHLOROETHANE	-	100	<25	NA	31,000	11,000	NA	140	NA	48	1,300	NA	<25
1,1,2-TRICHLOROETHANE	-	0.9	<25	NA	<1300	10,000	NA	81	NA	300	49	NA	<25
TRICHLOROETHENE / (TCLP - mg/L) <sup>A</sup>	-	3.0	<25	NA	210,000	2,600 / < 0.0065	NA	74	NA	230	31	NA	<25
1,2,4-TRIMETHYLBENZENE	-	-	<25	NA	230,000	41,000	NA	95	NA	140	54	NA	<25
1,3,5-TRIMETHYLBENZENE	-	-	<25	NA	110,000	26,000	NA	51	NA	33	36	NA	<25
VINYL CHLORIDE / (TCLP - mg/L) <sup>A</sup>	-	0.7	<25	NA	<1300	<250 / < 0.008	NA	<25	NA	<25	<25	NA	<25
XYLENES	4,100	29,000	<50	NA	550,000	150,000	NA	560	NA	300	580	NA	49
DETECTED RCRA METALS (mg/kg)	Wis. NR 720 STANDARD (Industrial)	Wis. NR 605 STANDARD (TCLP) <sup>B</sup>											
ARSENIC (TOTAL/TCLP)	1.6	5.0	NA	30 / < 0.12	NA	NA	NA	NA	26	NA	NA	151	< 0.6
BARIUM	-	100	NA	210	NA	NA	NA	NA	291	NA	NA	745	201
CADMIUM	510	1.0	NA	< 0.7	NA	NA	NA	NA	< 0.7	NA	NA	2.8	< 0.7
CHROMIUM	200	5.0	NA	67	NA	NA	NA	NA	220	NA	NA	800	46
LEAD (TOTAL/TCLP)	500	5.0	NA	367	NA	NA / < 0.6	56	NA	1,450	232	1,010	3,140	7.4 "J"
MERCURY	-	0.2	NA	0.306	NA	NA	NA	NA	0.229	NA	NA	1.243	1
SELENIUM	-	1.0	NA	< 2.5	NA	NA	NA	NA	< 2.5	NA	NA	< 2.5	< 2.5
SILVER	-	5.0	NA	< 1	NA	NA	NA	NA	< 1	NA	NA	< 1	< 1
DETECTED PCBs (µg/kg)	40 CFR 761.61 limits for unrestricted land use												
Aroclor 1254	1,000 (combined)		NA	330	NA	< 2	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260			NA	< 2	NA	77	NA	NA	NA	NA	NA	NA	NA

NA = Not Analyzed "J" = Detected between the limit of detection and limit of quantitation.

A = The Wis. Adm. Code NR 605 TCLP standards (mg/L) are as follows: Benzene(0.5) 1,1-DCE(0.7) MEK(200) PCE(0.7) TCE(0.5) Vinyl Chloride(0.2)

B = The Wis. Adm. Code NR 605 limits for the metals are based on TCLP method 1311. A total metals analysis was performed on most samples. The total:TCLP ratio is estimated to be 20:1

- = Detected above Wis. NR 720 soil standard
- = Detected above the EPA 1 DAF soil standard
- = Detected above both the EPA and Wis. NR 720 soil standards

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>American Quality Fibers</b>		License/Permit/Monitoring Number N/A		Boring Number <b>HA01</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Quin Lenz OMNNI Associates</b>		Date Drilling Started <b>11/15/2018</b>		Date Drilling Completed <b>11/15/2018</b>	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>		Borehole Diameter <b>2.3 inches</b>	
Local Grid Origin <input type="checkbox"/> (estimated: <input checked="" type="checkbox"/> ) or Boring Location <input checked="" type="checkbox"/>		State Plane <b>N, E <math>\odot</math>/C/N</b>		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
<b>SE 1/4 of NW 1/4 of Section 22, T 20 N, R 17 E</b>		Lat _____ ° _____ ' _____ "		Long _____ ° _____ ' _____ "	
Facility ID <b>471155410</b>		County <b>Winnebago</b>		County Code <b>71</b>	
		Civil Town/City/ or Village <b>Menasha</b>			

Sample Number and Type	Length Att. & Recovered (in)	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
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
HA01A	12 12		0.5	SILTY sand, with organics, little clay, brown to dark brown, no odor, moist, loose				0.4						Sampled collected at 8:43 AM from 0-0.5 feet
			1.0	CLAY, reddish brown, no odor, moist, stiff				0.3						Sampled collected at 9:14 AM from 1-2 feet
HA01B	12 12		1.5											
HA01C	12 12		2.0					2.5						Sampled collected at 9:48 AM from 2-3 feet
			2.5											
HA01D	12 12		3.0					8.0						Sampled collected at 10:14 AM from 3-4 feet
			3.5	CLAY, reddish brown, no odor, dry, loose										
HA01E	12 12		4.0					11.8						Sampled collected at 10:52 AM from 4-5 feet
			4.5											
			5.0	End of boring at 5 feet										

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

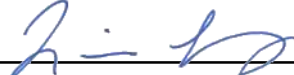
Signature Firm **OMNNI Associates, Inc.** Tel: 920-735-6900  
1 N Systems Drive Appleton, WI 54914 Fax: 920-830-6100

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>American Quality Fibers</b>		License/Permit/Monitoring Number N/A		Boring Number <b>HA02</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Quin Lenz OMNNI Associates</b>		Date Drilling Started <b>11/15/2018</b>		Date Drilling Completed <b>11/15/2018</b>	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>		Borehole Diameter <b>2.3 inches</b>	
Local Grid Origin <input type="checkbox"/> (estimated: <input checked="" type="checkbox"/> ) or Boring Location <input checked="" type="checkbox"/>		State Plane <b>N, E <input checked="" type="checkbox"/> C/N</b>		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of Section, T, N, R		Lat _____ Long _____		Feet _____	
Facility ID <b>471155410</b>		County <b>Winnebago</b>		County Code <b>71</b>	
		Civil Town/City/ or Village <b>Menasha</b>			

Sample Number and Type	Length Att. & Recovered (in)	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
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
HA02A	12 0.5		0.5	SILTY sand, with gravel, trace organics, trace clay, trace cinders, dark brown to black, no odor, moist, loose				0.4						Sampled at 11:25 AM from 0-0.5 feet
HA02B	12 12		1.0	CLAY, with silty, trace gravel, brown, no odor, moist, stiff				45.0						Sampled at 11:49 AM from 1-2 feet
HA02C	12 12		2.0					3.6						
HA02D	12 12		3.0	CLAY, with silty, trace gravel, brown, odor, dry, loose				136.6						Sampled at 12:45 PM from 3-4 feet
HA02E	12 12		4.0					329.9						
			5.0	End of boring at 5 feet										

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

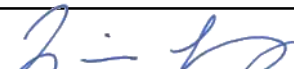
Signature  Firm **OMNNI Associates, Inc.** Tel: 920-735-6900  
1 N Systems Drive Appleton, WI 54914 Fax: 920-830-6100

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>American Quality Fibers</b>		License/Permit/Monitoring Number N/A		Boring Number <b>HA03</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Quin Lenz OMNNI Associates</b>		Date Drilling Started <b>11/15/2018</b>		Date Drilling Completed <b>11/15/2018</b>	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>		Borehole Diameter <b>2.3 inches</b>	
Local Grid Origin <input type="checkbox"/> (estimated: <input checked="" type="checkbox"/> ) or Boring Location <input checked="" type="checkbox"/>		State Plane <b>N, E <input checked="" type="checkbox"/> C/N</b>		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of		1/4 of Section		T N, R	
Facility ID <b>471155410</b>		County <b>Winnebago</b>		County Code <b>71</b>	
				Civil Town/City/ or Village <b>Menasha</b>	

Sample Number and Type	Length Att. & Recovered (in)	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
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
HA03A	12 0.5		0.5	SILTY sand, with organics, dark brown, no odor, moist, loose				7.7						Sampled at 1:27 PM from 0-0.5 feet
HA03B	12 12		1.0	CLAY, with silt, brown, no odor, moist, stiff				11.8						Sampled at 1:54 PM from 1-2 feet
HA03C	12 12		2.0					8.4						Sampled at 2:19 PM from 2-3 feet
HA03D	12 12		3.0	CLAY, with silt, brown, odor, dry, loose				34.2						Sampled at 2:40 PM from 3-4 feet
HA03E	12 12		4.0					173.4						Sampled at 2:52 PM from 4-5 feet
			5.0	End of boring at 5 feet										

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

Signature  Firm **OMNNI Associates, Inc.** Tel: 920-735-6900  
1 N Systems Drive Appleton, WI 54914 Fax: 920-830-6100

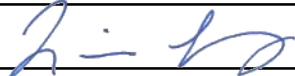


Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>American Quality Fibers</b>		License/Permit/Monitoring Number N/A		Boring Number <b>HA04</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Quin Lenz OMNNI Associates</b>		Date Drilling Started 11/15/2018		Date Drilling Completed 11/15/2018	
Drilling Method hand auger		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
WI Unique Well No.	DNR Well ID No.	Common Well Name	Borehole Diameter 2.3 inches		
Local Grid Origin <input type="checkbox"/> (estimated: <input checked="" type="checkbox"/> ) or Boring Location <input checked="" type="checkbox"/>		State Plane N, E <input checked="" type="checkbox"/> C/N		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of Section , T N, R		Lat _____ "		Long _____ "	
Facility ID 471155410		County Winnebago		County Code 71	
		Civil Town/City/ or Village Menasha			

Sample Number and Type	Length Att. & Recovered (in)	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
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
HA04A	12 0.5		0.5	SILTY sand with organics, dark brown, no odor, moist, loose				0.2						Sampled at 3:14 PM from 0-0.5 feet
HA04B	12 12		1.0	CLAY, with silt, brown, no odor, moist, stiff				0.1						Sampled at 3:32 PM from 1-2 feet
HA04C	12 12		2.0					1.2						Sampled at 3:51 PM from 2-3 feet
HA04D	12 12		3.0	CLAY, with silt, brown, no odor, dry, loose				4.7						Sampled at 4:06 PM from 3-4 feet
HA04E	12 12		4.0					10.2						Sampled at 4:18 PM from 4-5 feet
			5.0	End of boring at 5 feet										

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

Signature  Firm **OMNNI Associates, Inc.** Tel: 920-735-6900  
1 N Systems Drive Appleton, WI 54914 Fax: 920-830-6100

**Site Location:**

American Quality Fibers – Menasha, WI

**Date:**  
11/15/2018

**Photo #**  
1

**Description:**  
Northern point of the site looking south at the site.



Date & Time: Thu, Nov 15, 2018, 08:09:43 CST  
Position: +044.1956107, -088.457302  
Altitude: 751ft  
Datum: WGS-84  
Azimuth/Bearing: 224.544 W 3892mils (True)  
Elevation Angle: 040°  
Horizon Angle: 0018°  
Zoom: 1X  
AGF site

**Site Location:**

American Quality Fibers – Menasha, WI

**Date:**  
11/15/2018

**Photo #**  
2

**Description:**  
Northern point of the site looking southeast at the site.



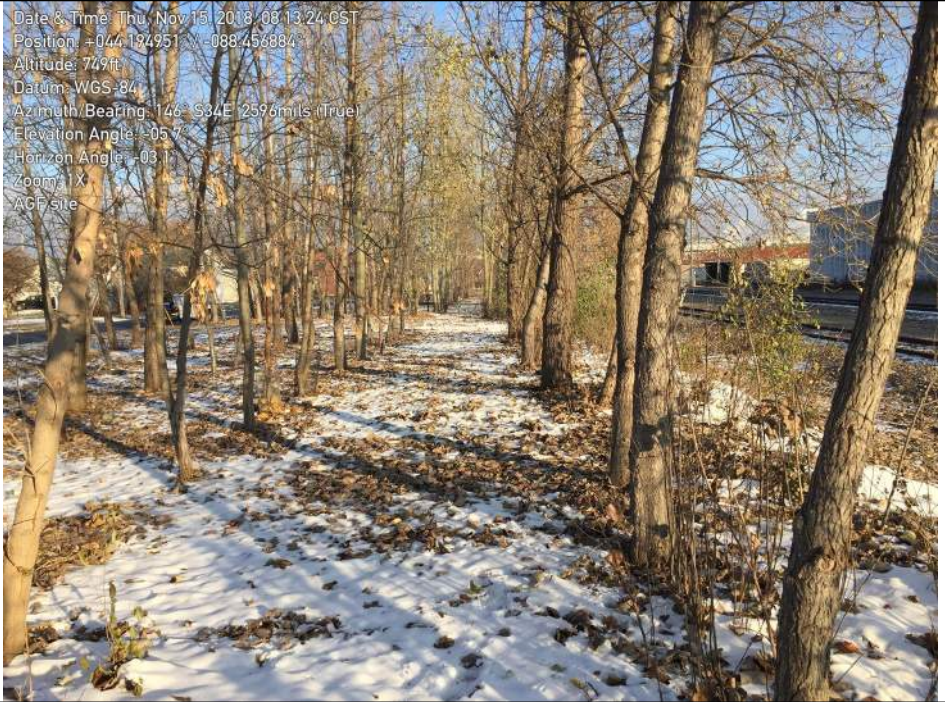
Date & Time: Thu, Nov 15, 2018, 08:09:55 CST  
Position: +044.195626, -088.457314  
Altitude: 778ft  
Datum: WGS-84  
Azimuth/Bearing: 219.567W 3893mils (True)  
Elevation Angle: 044°  
Horizon Angle: 000°  
Zoom: 1X  
AGF site

**Site Location:**

American Quality Fibers – Menasha, WI

<b>Date:</b> 11/15/2018	<b>Photo #</b> 3
----------------------------	---------------------

**Description:**  
Southeast corner of the site looking north at the site.



Date & Time: Thu, Nov 15, 2018, 08:13:24 CST  
Position: +044.194951, -088.456884  
Altitude: 779ft  
Datum: WGS-84  
Azimuth/Bearing: 146.534E, 2596mils (True)  
Elevation Angle: -05.7  
Horizon Angle: -03.1  
Zoom: 1X  
AGF site

**Site Location:**

American Quality Fibers – Menasha, WI

<b>Date:</b> 11/15/2018	<b>Photo #</b> 4
----------------------------	---------------------

**Description:**  
Southeast corner of the site looking northwest at the site.



Date & Time: Thu, Nov 15, 2018, 08:13:27 CST  
Position: +044.194951, -088.456884  
Altitude: 765ft  
Datum: WGS-84  
Azimuth/Bearing: 146.534E, 2596mils (True)  
Elevation Angle: -05.4  
Horizon Angle: -00.1  
Zoom: 1X  
AGF site

**Site Location:**

American Quality Fibers – Menasha, WI

<b>Date:</b> 11/15/2018	<b>Photo #</b> 5
----------------------------	---------------------

**Description:**  
Southwest corner of the site looking north at the site.



**Site Location:**

American Quality Fibers – Menasha, WI

<b>Date:</b> 11/15/2018	<b>Photo #</b> 6
----------------------------	---------------------

**Description:**  
Southwest corner of the site looking northeast at the site.



**Site Location:**

American Quality Fibers – Menasha, WI

<b>Date:</b> 11/15/2018	<b>Photo #</b> 7
----------------------------	---------------------

**Description:**  
MW9 looking in the direction towards MW1.




**Site Location:**


American Quality Fibers – Menasha, WI

<b>Date:</b> 11/15/2018	<b>Photo #</b> 8
----------------------------	---------------------

**Description:**  
Typical soil sample collection method. Bucket was cleaned withalconox prior to each sampling point.



<b>Site Location:</b> American Quality Fibers – Menasha, WI		
<b>Date:</b> 11/15/2018	<b>Photo #</b> 9	<p>Date &amp; Time: Thu, Nov 15, 2018, 11:06:59 CST  Position: +044.1955127° / -088.457286°  Altitude: 74.7ft  Datum: WGS-84  Azimuth/Bearing: 082° N82E 1458mils (True)  Elevation Angle: -77.0°  Horizon Angle: +02.0°  Zoom: 1X  HA01 to 5</p> 
<b>Description:</b> Hand boring HA01 at a depth of 5-feet.		

<b>Site Location:</b> American Quality Fibers – Menasha, WI		
<b>Date:</b> 11/15/2018	<b>Photo #</b> 10	<p>Date &amp; Time: Thu, Nov 15, 2018, 15:07:39 CST  Position: +044.195419° / -088.458466°  Altitude: 75.9ft  Datum: WGS-84  Azimuth/Bearing: 042° N42E 0747mils (True)  Elevation Angle: -30.2°  Horizon Angle: +02.1°  Zoom: 1X  HA01 covered</p> 
<b>Description:</b> Hand boring HA01 filled with soil cuttings and covered with woodchips.		

**Site Location:**

American Quality Fibers – Menasha, WI

**Date:**

11/15/2018

**Photo #**

11

**Description:**

Hand boring HA02 at a depth of 5-feet.

Date & Time: Thu, Nov 15, 2018, 15:01:43 CST  
Position: +044.195417° / -088.457096°  
Altitude: 717ft  
Datum: WGS-84  
Azimuth/Bearing: 139° S41E, 2471mils (True)  
Elevation Angle: -74.3°  
Horizon Angle: 107.9°  
Zoom: 1x  
HA02



**Site Location:**

American Quality Fibers – Menasha, WI

**Date:**

11/15/2018

**Photo #**

12

**Description:**

Hand boring HA02 filled with soil cuttings and covered with woodchips.

Date & Time: Thu, Nov 15, 2018, 15:06:50 CST  
Position: +044.195296° / -088.458367°  
Altitude: 755ft  
Datum: WGS-84  
Azimuth/Bearing: 288° N72W, 5120mils (True)  
Elevation Angle: -26.7°  
Horizon Angle: -01.7°  
Zoom: 1x  
HA02 covered



**Site Location:**

American Quality Fibers – Menasha, WI

**Date:**  
11/15/2018

**Photo #**  
13

**Description:**  
Hand boring HA03 at a depth of 5-feet.

Date & Time: Thu, Nov 15, 2018, 15:03:27 CST  
Position: +044.195555° / -088.457164°  
Altitude: 756ft  
Datum: WGS-84  
Azimuth/Bearing: 223° S43W 3964mils (True)  
Elevation Angle: -66.2°  
Horizon Angle: +02.2°  
Zoom: 1X  
HA03



**Site Location:**

American Quality Fibers – Menasha, WI

**Date:**  
11/15/2018

**Photo #**  
14

**Description:**  
Hand boring HA03 filled with soil cuttings and covered with woodchips.

Date & Time: Thu, Nov 15, 2018, 15:05:49 CST  
Position: +044.195512° / -088.457163°  
Altitude: 757ft  
Datum: WGS-84  
Azimuth/Bearing: 341° N49W 6062mils (True)  
Elevation Angle: -71.6°  
Horizon Angle: +00.3°  
Zoom: 1X  
HA03 covered





**Site Location:**

American Quality Fibers – Menasha, WI

<b>Date:</b> 11/15/2018	<b>Photo #</b> 15
----------------------------	----------------------

**Description:**  
Hand boring HA04 at a depth of 5-feet.



Date & Time: Thu, Nov 15, 2018, 16:24:12 CST  
Position: +044.195336 / -088.457908°  
Altitude: 755ft  
Datum: WGS-84  
Azimuth/Bearing: 007° N07E 0124mils (True)  
Elevation Angle: -54.5°  
Horizon Angle: +02.7°  
Zoom: 1X  
HA04

**Site Location:**

American Quality Fibers – Menasha, WI

<b>Date:</b> 11/15/2018	<b>Photo #</b> 16
----------------------------	----------------------

**Description:**  
Hand boring HA04 filled with soil cuttings and covered with woodchips.



Date & Time: Thu, Nov 15, 2018, 16:25:55 CST  
Position: +044.195494 / -088.457180°  
Altitude: 763ft  
Datum: WGS-84  
Azimuth/Bearing: 346° N20W 6044mils (True)  
Elevation Angle: -48.1°  
Horizon Angle: +03.2°  
Zoom: 1X  
HA04 covered

**Site Location:**  
American Quality Fibers – Menasha, WI

<b>Date:</b> 11/15/2018	<b>Photo #</b> 17
----------------------------	----------------------

**Description:**  
Eastern adjoining property.



**Site Location:**  
American Quality Fibers – Menasha, WI

<b>Date:</b> 11/15/2018	<b>Photo #</b> 18
----------------------------	----------------------

**Description:**  
Western adjoining properties.



## Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914  
920-830-2455 • FAX 920-733-0631

**Sample Handling Request**

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

Normal Turn Around

Lab I.D. # \_\_\_\_\_  
Account No.: \_\_\_\_\_ Quote No.: \_\_\_\_\_  
Project #: **N1645A18**  
Sampler: (signature) *[Signature]*

Project (Name / Location): **American Quality Fibers Menasha WI**  
Reports To: **Brian Wayner** Invoice To: **Brian Wayner**  
Company: **OMNNI Associates** Company: **OMNNI Associates**  
Address: **1 N. Systems Dr.** Address: **1 N. Systems Dr.**  
City State Zip: **Oshkosh WI 54914** City State Zip: **Oshkosh WI 54914**  
Phone: **(920) 735-6900** Phone: **(920) 735-6900**  
FAX: \_\_\_\_\_ FAX: \_\_\_\_\_

**Analysis Requested**

**Other Analysis**

Lab I.D.	Sample I.D.	Collection		Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS	Arsenic, lead, chromium	PID/ FID	
		Date	Time																							
<b>S035505 A</b>	<b>HA01A</b>	<b>11/15</b>	<b>8:43</b>	<b>X</b>		<b>N</b>	<b>3</b>	<b>S</b>	<b>MEOH/N/A</b>																	<b>0.4</b>
<b>B</b>	<b>HA01B</b>		<b>9:14</b>																							<b>0.3</b>
<b>C</b>	<b>HA01C</b>		<b>9:48</b>																							<b>2.5</b>
<b>D</b>	<b>HA01D</b>		<b>10:14</b>																							<b>8.0</b>
<b>E</b>	<b>HA01E</b>		<b>10:52</b>																							<b>11.8</b>
<b>F</b>	<b>HA02A</b>		<b>11:25</b>																							<b>0.4</b>
<b>G</b>	<b>HA02B</b>		<b>11:49</b>																							<b>45.0</b>
<b>H</b>	<b>HA02C</b>		<b>12:17</b>																							<b>3.6</b>
<b>I</b>	<b>HA02D</b>		<b>12:45</b>																							<b>136.6</b>
<b>J</b>	<b>HA02E</b>		<b>1:02</b>																							<b>329.9</b>

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

VOCs were preserved with MEOH  
Metals were unpreserved Metals include Arsenic, lead + Chromium

Sample Integrity - To be completed by receiving lab.

Method of Shipment: *chut*

Temp. of Temp. Blank \_\_\_\_\_ °C On Ice:

Cooler seal intact upon receipt:  Yes \_\_\_\_\_ No

Relinquished By: (sign) *[Signature]*

Time **9:14** Date **11/16/18**

Received By: (sign) \_\_\_\_\_

Time \_\_\_\_\_ Date \_\_\_\_\_

Received in Laboratory By: *[Signature]*

Time: **9:14**

Date: **11/16/18**



# Synergy Environmental Lab, INC

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

BRIAN WAYNER  
OMNNI ASSOCIATES INC  
ONE SYSTEMS DRIVE  
APPLETON WI 54914-1654

Report Date 30-Nov-18

Project Name AMERICAN QUALITY FIBERS  
Project # N1645A18

Invoice # E35505

Lab Code 5035505A  
Sample ID HA01A  
Sample Matrix Soil  
Sample Date 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	53.9	%			1	5021		11/16/2018	NJC	1
Inorganic										
Metals										
Arsenic, Total	2.70	mg/kg	0.46	1.53	1	6010B		11/21/2018	ESC	1
Chromium, Total	17.9	mg/kg	0.14	0.467	1	6010B		11/21/2018	ESC	1
Lead, Total	21.4	mg/kg	0.19	0.633	1	6010B		11/21/2018	ESC	1 86
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/28/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		11/28/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		11/28/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		11/28/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		11/28/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		11/28/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		11/28/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		11/28/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		11/28/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		11/28/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		11/28/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		11/28/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		11/28/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505A  
**Sample ID** HA01A  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		11/28/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		11/28/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		11/28/2018	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		11/28/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/28/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		11/28/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		11/28/2018	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/28/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/28/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		11/28/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		11/28/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		11/28/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		11/28/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
Tetrachloroethene	0.049 "J"	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Toluene	0.060 "J"	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		11/28/2018	CJR	1
1,2,3-Trichlorobenzene	0.102 "J"	mg/kg	0.066	0.21	1	8260B		11/28/2018	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		11/28/2018	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/28/2018	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		11/28/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		11/28/2018	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		11/28/2018	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		11/28/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	100	Rec %			1	8260B		11/28/2018	CJR	1
SUR - 4-Bromofluorobenzene	84	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Dibromofluoromethane	106	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Toluene-d8	99	Rec %			1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505B  
**Sample ID** HA01B  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.7	%			1	5021		11/16/2018	NJC	1
Inorganic										
Metals										
Arsenic, Total	1.73	mg/kg	0.46	1.53	1	6010B		11/21/2018	ESC	1
Chromium, Total	28.9	mg/kg	0.14	0.467	1	6010B		11/21/2018	ESC	1
Lead, Total	5.78	mg/kg	0.19	0.633	1	6010B		11/21/2018	ESC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/28/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		11/28/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		11/28/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		11/28/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		11/28/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		11/28/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		11/28/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		11/28/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		11/28/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		11/28/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		11/28/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		11/28/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		11/28/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		11/28/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		11/28/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		11/28/2018	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		11/28/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/28/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		11/28/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		11/28/2018	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/28/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/28/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505B  
**Sample ID** HA01B  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		11/28/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		11/28/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		11/28/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		11/28/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		11/28/2018	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		11/28/2018	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/28/2018	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		11/28/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		11/28/2018	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		11/28/2018	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		11/28/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	97	Rec %			1	8260B		11/28/2018	CJR	1
SUR - 4-Bromofluorobenzene	81	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Dibromofluoromethane	105	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Toluene-d8	110	Rec %			1	8260B		11/28/2018	CJR	1



**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505C  
**Sample ID** HA01C  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	78.3	%			1	5021		11/16/2018	NJC	1
Inorganic										
Metals										
Arsenic, Total	0.717 "J"	mg/kg	0.46	1.53	1	6010B		11/21/2018	ESC	1
Chromium, Total	25.1	mg/kg	0.14	0.467	1	6010B		11/21/2018	ESC	1
Lead, Total	4.72	mg/kg	0.19	0.633	1	6010B		11/21/2018	ESC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/28/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		11/28/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		11/28/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		11/28/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		11/28/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		11/28/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		11/28/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		11/28/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		11/28/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		11/28/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		11/28/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		11/28/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		11/28/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		11/28/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		11/28/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		11/28/2018	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		11/28/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/28/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		11/28/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		11/28/2018	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/28/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/28/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505C  
**Sample ID** HA01C  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		11/28/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		11/28/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		11/28/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		11/28/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		11/28/2018	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		11/28/2018	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/28/2018	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		11/28/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		11/28/2018	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		11/28/2018	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		11/28/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	99	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Toluene-d8	97	Rec %			1	8260B		11/28/2018	CJR	1
SUR - 4-Bromofluorobenzene	76	Rec %			1	8260B		11/28/2018	CJR	6
SUR - Dibromofluoromethane	115	Rec %			1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505D  
**Sample ID** HA01D  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	79.0	%			1	5021		11/16/2018	NJC	1
Inorganic										
Metals										
Arsenic, Total	< 0.46	mg/kg	0.46	1.53	1	6010B		11/21/2018	ESC	1
Chromium, Total	22.5	mg/kg	0.14	0.467	1	6010B		11/21/2018	ESC	1
Lead, Total	4.04	mg/kg	0.19	0.633	1	6010B		11/21/2018	ESC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/28/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		11/28/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		11/28/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		11/28/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		11/28/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		11/28/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		11/28/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		11/28/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		11/28/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		11/28/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		11/28/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		11/28/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		11/28/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		11/28/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		11/28/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		11/28/2018	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		11/28/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/28/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		11/28/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		11/28/2018	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/28/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/28/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505D  
**Sample ID** HA01D  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		11/28/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		11/28/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		11/28/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		11/28/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		11/28/2018	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		11/28/2018	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/28/2018	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		11/28/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		11/28/2018	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		11/28/2018	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		11/28/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	95	Rec %			1	8260B		11/28/2018	CJR	1
SUR - 4-Bromofluorobenzene	90	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Dibromofluoromethane	96	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Toluene-d8	96	Rec %			1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505E  
**Sample ID** HA01E  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	78.7	%			1	5021		11/16/2018	NJC	1
Inorganic										
Metals										
Arsenic, Total	1.02 "J"	mg/kg	0.46	1.53	1	6010B		11/21/2018	ESC	1
Chromium, Total	29.3	mg/kg	0.14	0.467	1	6010B		11/21/2018	ESC	1
Lead, Total	6.45	mg/kg	0.19	0.633	1	6010B		11/21/2018	ESC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/28/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		11/28/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		11/28/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		11/28/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		11/28/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		11/28/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		11/28/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		11/28/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		11/28/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		11/28/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		11/28/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		11/28/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		11/28/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		11/28/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		11/28/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		11/28/2018	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		11/28/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/28/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		11/28/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		11/28/2018	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/28/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/28/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505E  
**Sample ID** HA01E  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		11/28/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		11/28/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		11/28/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		11/28/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		11/28/2018	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		11/28/2018	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/28/2018	CJR	1
Trichloroethene (TCE)	0.058 "J"	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		11/28/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		11/28/2018	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		11/28/2018	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		11/28/2018	CJR	1
SUR - Toluene-d8	93	Rec %			1	8260B		11/28/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	92	Rec %			1	8260B		11/28/2018	CJR	1
SUR - 4-Bromofluorobenzene	88	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Dibromofluoromethane	98	Rec %			1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505F  
**Sample ID** HA02A  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	76.2	%			1	5021		11/16/2018	NJC	1
Inorganic										
Metals										
Arsenic, Total	19.8	mg/kg	0.46	1.53	1	6010B		11/21/2018	ESC	1
Chromium, Total	32.6	mg/kg	0.14	0.467	1	6010B		11/21/2018	ESC	1
Lead, Total	189	mg/kg	0.19	0.633	1	6010B		11/21/2018	ESC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/28/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		11/28/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		11/28/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		11/28/2018	CJR	1
tert-Butylbenzene	0.239	mg/kg	0.026	0.084	1	8260B		11/28/2018	CJR	1
sec-Butylbenzene	1.03	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
n-Butylbenzene	1.16	mg/kg	0.04	0.13	1	8260B		11/28/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		11/28/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		11/28/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		11/28/2018	CJR	1
Chloroform	0.055 "J"	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		11/28/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		11/28/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		11/28/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		11/28/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		11/28/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		11/28/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethane	0.183	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		11/28/2018	CJR	1
cis-1,2-Dichloroethene	1.3	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
trans-1,2-Dichloroethene	0.078 "J"	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		11/28/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/28/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		11/28/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		11/28/2018	CJR	1
Ethylbenzene	1.4	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/28/2018	CJR	1
Isopropylbenzene	0.84	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
p-Isopropyltoluene	1.19	mg/kg	0.029	0.093	1	8260B		11/28/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505F  
**Sample ID** HA02A  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		11/28/2018	CJR	1
Naphthalene	0.48	mg/kg	0.094	0.3	1	8260B		11/28/2018	CJR	1
n-Propylbenzene	1.49	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		11/28/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
Tetrachloroethene	11.6	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Toluene	1.83	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		11/28/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		11/28/2018	CJR	1
1,1,1-Trichloroethane	2.06	mg/kg	0.03	0.96	1	8260B		11/28/2018	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/28/2018	CJR	1
Trichloroethene (TCE)	7.8	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
1,2,4-Trimethylbenzene	13.7	mg/kg	0.025	0.08	1	8260B		11/28/2018	CJR	1
1,3,5-Trimethylbenzene	9.0	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		11/28/2018	CJR	1
m&p-Xylene	7.7	mg/kg	0.072	0.23	1	8260B		11/28/2018	CJR	1
o-Xylene	4.5	mg/kg	0.044	0.14	1	8260B		11/28/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	97	Rec %			1	8260B		11/28/2018	CJR	1
SUR - 4-Bromofluorobenzene	86	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Dibromofluoromethane	97	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Toluene-d8	96	Rec %			1	8260B		11/28/2018	CJR	1



**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505G  
**Sample ID** HA02B  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	76.4	%			1	5021		11/16/2018	NJC	1
Inorganic										
Metals										
Arsenic, Total	7.45	mg/kg	0.46	1.53	1	6010B		11/21/2018	ESC	1
Chromium, Total	24.3	mg/kg	0.14	0.467	1	6010B		11/21/2018	ESC	1
Lead, Total	79.5	mg/kg	0.19	0.633	1	6010B		11/21/2018	ESC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/28/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		11/28/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		11/28/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		11/28/2018	CJR	1
tert-Butylbenzene	0.047 "J"	mg/kg	0.026	0.084	1	8260B		11/28/2018	CJR	1
sec-Butylbenzene	0.239	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
n-Butylbenzene	0.34	mg/kg	0.04	0.13	1	8260B		11/28/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		11/28/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		11/28/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		11/28/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		11/28/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		11/28/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		11/28/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		11/28/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		11/28/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		11/28/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethane	0.116	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		11/28/2018	CJR	1
cis-1,2-Dichloroethene	0.285	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
trans-1,2-Dichloroethene	0.038 "J"	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		11/28/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/28/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		11/28/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		11/28/2018	CJR	1
Ethylbenzene	0.41	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/28/2018	CJR	1
Isopropylbenzene	0.104 "J"	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
p-Isopropyltoluene	0.226	mg/kg	0.029	0.093	1	8260B		11/28/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505G  
**Sample ID** HA02B  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		11/28/2018	CJR	1
Naphthalene	0.237 "J"	mg/kg	0.094	0.3	1	8260B		11/28/2018	CJR	1
n-Propylbenzene	0.156	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		11/28/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
Tetrachloroethene	6.1	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Toluene	0.94	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		11/28/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		11/28/2018	CJR	1
1,1,1-Trichloroethane	0.267 "J"	mg/kg	0.03	0.96	1	8260B		11/28/2018	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/28/2018	CJR	1
Trichloroethene (TCE)	2.85	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
1,2,4-Trimethylbenzene	3.09	mg/kg	0.025	0.08	1	8260B		11/28/2018	CJR	1
1,3,5-Trimethylbenzene	2.53	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		11/28/2018	CJR	1
m&p-Xylene	3.3	mg/kg	0.072	0.23	1	8260B		11/28/2018	CJR	1
o-Xylene	1.93	mg/kg	0.044	0.14	1	8260B		11/28/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	96	Rec %			1	8260B		11/28/2018	CJR	1
SUR - 4-Bromofluorobenzene	85	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Dibromofluoromethane	98	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Toluene-d8	97	Rec %			1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505H  
**Sample ID** HA02C  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	75.8	%			1	5021		11/16/2018	NJC	1
Inorganic										
Metals										
Arsenic, Total	2.93	mg/kg	0.46	1.53	1	6010B		11/21/2018	ESC	1
Chromium, Total	34.8	mg/kg	0.14	0.467	1	6010B		11/21/2018	ESC	1
Lead, Total	21.7	mg/kg	0.19	0.633	1	6010B		11/21/2018	ESC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/28/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		11/28/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		11/28/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		11/28/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		11/28/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		11/28/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		11/28/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		11/28/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		11/28/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		11/28/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		11/28/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		11/28/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		11/28/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		11/28/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		11/28/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		11/28/2018	CJR	1
cis-1,2-Dichloroethene	0.39	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		11/28/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/28/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		11/28/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		11/28/2018	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/28/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/28/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505H  
**Sample ID** HA02C  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		11/28/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		11/28/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		11/28/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
Tetrachloroethene	0.48	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Toluene	0.088 "J"	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		11/28/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		11/28/2018	CJR	1
1,1,1-Trichloroethane	0.032 "J"	mg/kg	0.03	0.96	1	8260B		11/28/2018	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/28/2018	CJR	1
Trichloroethene (TCE)	0.271	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
1,2,4-Trimethylbenzene	0.165	mg/kg	0.025	0.08	1	8260B		11/28/2018	CJR	1
1,3,5-Trimethylbenzene	0.127	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		11/28/2018	CJR	1
m&p-Xylene	0.226 "J"	mg/kg	0.072	0.23	1	8260B		11/28/2018	CJR	1
o-Xylene	0.147	mg/kg	0.044	0.14	1	8260B		11/28/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	89	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Toluene-d8	94	Rec %			1	8260B		11/28/2018	CJR	1
SUR - 4-Bromofluorobenzene	90	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Dibromofluoromethane	97	Rec %			1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505I  
**Sample ID** HA02D  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	71.8	%			1	5021		11/16/2018	NJC	1
Inorganic										
Metals										
Arsenic, Total	0.781 "J"	mg/kg	0.46	1.53	1	6010B		11/21/2018	ESC	1
Chromium, Total	18.1	mg/kg	0.14	0.467	1	6010B		11/21/2018	ESC	1
Lead, Total	3.89	mg/kg	0.19	0.633	1	6010B		11/21/2018	ESC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/28/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		11/28/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		11/28/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		11/28/2018	CJR	1
tert-Butylbenzene	0.039 "J"	mg/kg	0.026	0.084	1	8260B		11/28/2018	CJR	1
sec-Butylbenzene	0.256	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
n-Butylbenzene	0.61	mg/kg	0.04	0.13	1	8260B		11/28/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		11/28/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		11/28/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		11/28/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		11/28/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		11/28/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		11/28/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		11/28/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,2-Dichlorobenzene	0.069 "J"	mg/kg	0.028	0.088	1	8260B		11/28/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		11/28/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethane	0.089 "J"	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		11/28/2018	CJR	1
cis-1,2-Dichloroethene	3.2	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		11/28/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/28/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		11/28/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		11/28/2018	CJR	1
Ethylbenzene	11.6	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/28/2018	CJR	1
Isopropylbenzene	0.52	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
p-Isopropyltoluene	0.44	mg/kg	0.029	0.093	1	8260B		11/28/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505I  
**Sample ID** HA02D  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		11/28/2018	CJR	1
Naphthalene	0.48	mg/kg	0.094	0.3	1	8260B		11/28/2018	CJR	1
n-Propylbenzene	0.78	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		11/28/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
Tetrachloroethene	2.88	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Toluene	13.2	mg/kg	0.32	1	10	8260B		11/29/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		11/28/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		11/28/2018	CJR	1
1,1,1-Trichloroethane	0.194 "J"	mg/kg	0.03	0.96	1	8260B		11/28/2018	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/28/2018	CJR	1
Trichloroethene (TCE)	1.48	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
1,2,4-Trimethylbenzene	7.4	mg/kg	0.025	0.08	1	8260B		11/28/2018	CJR	1
1,3,5-Trimethylbenzene	2.77	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		11/28/2018	CJR	1
m&p-Xylene	41	mg/kg	0.72	2.3	10	8260B		11/29/2018	CJR	1
o-Xylene	12.4	mg/kg	0.44	1.4	10	8260B		11/29/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	99	Rec %			1	8260B		11/28/2018	CJR	1
SUR - 4-Bromofluorobenzene	82	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Dibromofluoromethane	92	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Toluene-d8	103	Rec %			1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505J  
**Sample ID** HA02E  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	78.3	%			1	5021		11/16/2018	NJC	1
Inorganic										
Metals										
Arsenic, Total	0.772 "J"	mg/kg	0.46	1.53	1	6010B		11/21/2018	ESC	1
Chromium, Total	24.8	mg/kg	0.14	0.467	1	6010B		11/21/2018	ESC	1
Lead, Total	5.74	mg/kg	0.19	0.633	1	6010B		11/21/2018	ESC	1
Organic										
VOC's										
Benzene	0.057 "J"	mg/kg	0.03	0.096	1	8260B		11/28/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		11/28/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		11/28/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		11/28/2018	CJR	1
tert-Butylbenzene	0.048 "J"	mg/kg	0.026	0.084	1	8260B		11/28/2018	CJR	1
sec-Butylbenzene	0.63	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
n-Butylbenzene	0.99	mg/kg	0.04	0.13	1	8260B		11/28/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		11/28/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		11/28/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		11/28/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		11/28/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		11/28/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		11/28/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		11/28/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,2-Dichlorobenzene	0.108	mg/kg	0.028	0.088	1	8260B		11/28/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		11/28/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethane	0.128	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		11/28/2018	CJR	1
cis-1,2-Dichloroethene	5.4	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		11/28/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/28/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		11/28/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		11/28/2018	CJR	1
Ethylbenzene	32	mg/kg	0.35	1.1	10	8260B		11/29/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/28/2018	CJR	1
Isopropylbenzene	1.48	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
p-Isopropyltoluene	0.73	mg/kg	0.029	0.093	1	8260B		11/28/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505J  
**Sample ID** HA02E  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		11/28/2018	CJR	1
Naphthalene	0.86	mg/kg	0.094	0.3	1	8260B		11/28/2018	CJR	1
n-Propylbenzene	1.93	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		11/28/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
Tetrachloroethene	14.7	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Toluene	59	mg/kg	0.32	1	10	8260B		11/29/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		11/28/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		11/28/2018	CJR	1
1,1,1-Trichloroethane	1.17	mg/kg	0.03	0.96	1	8260B		11/28/2018	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/28/2018	CJR	1
Trichloroethene (TCE)	12.9	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
1,2,4-Trimethylbenzene	12.5	mg/kg	0.025	0.08	1	8260B		11/28/2018	CJR	1
1,3,5-Trimethylbenzene	4.4	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		11/28/2018	CJR	1
m&p-Xylene	123	mg/kg	0.72	2.3	10	8260B		11/29/2018	CJR	1
o-Xylene	32	mg/kg	0.44	1.4	10	8260B		11/29/2018	CJR	1
SUR - Dibromofluoromethane	104	Rec %			1	8260B		11/28/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	94	Rec %			1	8260B		11/28/2018	CJR	1
SUR - 4-Bromofluorobenzene	102	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Toluene-d8	108	Rec %			1	8260B		11/28/2018	CJR	1



**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505K  
**Sample ID** HA03A  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	75.6	%			1	5021		11/16/2018	NJC	1
Inorganic										
Metals										
Arsenic, Total	3.37	mg/kg	0.46	1.53	1	6010B		11/21/2018	ESC	1
Chromium, Total	36.5	mg/kg	0.14	0.467	1	6010B		11/21/2018	ESC	1
Lead, Total	200	mg/kg	0.19	0.633	1	6010B		11/21/2018	ESC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/28/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		11/28/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		11/28/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		11/28/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		11/28/2018	CJR	1
sec-Butylbenzene	0.134	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
n-Butylbenzene	0.207	mg/kg	0.04	0.13	1	8260B		11/28/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		11/28/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		11/28/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		11/28/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		11/28/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		11/28/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		11/28/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		11/28/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		11/28/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		11/28/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		11/28/2018	CJR	1
cis-1,2-Dichloroethene	0.36	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		11/28/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/28/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		11/28/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		11/28/2018	CJR	1
Ethylbenzene	1.01	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/28/2018	CJR	1
Isopropylbenzene	0.154	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
p-Isopropyltoluene	0.136	mg/kg	0.029	0.093	1	8260B		11/28/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505K  
**Sample ID** HA03A  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		11/28/2018	CJR	1
Naphthalene	0.288 "J"	mg/kg	0.094	0.3	1	8260B		11/28/2018	CJR	1
n-Propylbenzene	0.162	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		11/28/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
Tetrachloroethene	3.5	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Toluene	1.55	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		11/28/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		11/28/2018	CJR	1
1,1,1-Trichloroethane	0.57 "J"	mg/kg	0.03	0.96	1	8260B		11/28/2018	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/28/2018	CJR	1
Trichloroethene (TCE)	5.1	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
1,2,4-Trimethylbenzene	1.29	mg/kg	0.025	0.08	1	8260B		11/28/2018	CJR	1
1,3,5-Trimethylbenzene	1.07	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		11/28/2018	CJR	1
m&p-Xylene	3.3	mg/kg	0.072	0.23	1	8260B		11/28/2018	CJR	1
o-Xylene	2.14	mg/kg	0.044	0.14	1	8260B		11/28/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	90	Rec %			1	8260B		11/28/2018	CJR	1
SUR - 4-Bromofluorobenzene	90	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Dibromofluoromethane	100	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Toluene-d8	91	Rec %			1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505L  
**Sample ID** HA03B  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	77.0	%			1	5021		11/16/2018	NJC	1
Inorganic										
Metals										
Arsenic, Total	1.03 "J"	mg/kg	0.46	1.53	1	6010B		11/21/2018	ESC	1
Chromium, Total	38.8	mg/kg	0.14	0.467	1	6010B		11/21/2018	ESC	1
Lead, Total	30.0	mg/kg	0.19	0.633	1	6010B		11/21/2018	ESC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/28/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		11/28/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		11/28/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		11/28/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		11/28/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		11/28/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		11/28/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		11/28/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		11/28/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		11/28/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		11/28/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		11/28/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		11/28/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		11/28/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		11/28/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		11/28/2018	CJR	1
cis-1,2-Dichloroethene	0.096 "J"	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		11/28/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/28/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		11/28/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		11/28/2018	CJR	1
Ethylbenzene	0.316	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/28/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/28/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505L  
**Sample ID** HA03B  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		11/28/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		11/28/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		11/28/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
Tetrachloroethene	0.69	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Toluene	0.65	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		11/28/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		11/28/2018	CJR	1
1,1,1-Trichloroethane	0.052 "J"	mg/kg	0.03	0.96	1	8260B		11/28/2018	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/28/2018	CJR	1
Trichloroethene (TCE)	1.72	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
1,2,4-Trimethylbenzene	0.165	mg/kg	0.025	0.08	1	8260B		11/28/2018	CJR	1
1,3,5-Trimethylbenzene	0.109	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		11/28/2018	CJR	1
m&p-Xylene	0.96	mg/kg	0.072	0.23	1	8260B		11/28/2018	CJR	1
o-Xylene	0.55	mg/kg	0.044	0.14	1	8260B		11/28/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	95	Rec %			1	8260B		11/28/2018	CJR	1
SUR - 4-Bromofluorobenzene	88	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Dibromofluoromethane	99	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Toluene-d8	94	Rec %			1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505M  
**Sample ID** HA03C  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	78.0	%			1	5021		11/16/2018	NJC	1
Inorganic										
Metals										
Arsenic, Total	1.54	mg/kg	0.46	1.53	1	6010B		11/21/2018	ESC	1
Chromium, Total	27.4	mg/kg	0.14	0.467	1	6010B		11/21/2018	ESC	1
Lead, Total	7.41	mg/kg	0.19	0.633	1	6010B		11/21/2018	ESC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/28/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		11/28/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		11/28/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		11/28/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		11/28/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		11/28/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		11/28/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		11/28/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		11/28/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		11/28/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		11/28/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		11/28/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		11/28/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		11/28/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		11/28/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		11/28/2018	CJR	1
cis-1,2-Dichloroethene	0.057 "J"	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		11/28/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/28/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		11/28/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		11/28/2018	CJR	1
Ethylbenzene	0.042 "J"	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/28/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/28/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505M  
**Sample ID** HA03C  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		11/28/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		11/28/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		11/28/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
Tetrachloroethene	0.80	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Toluene	0.165	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		11/28/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		11/28/2018	CJR	1
1,1,1-Trichloroethane	0.035 "J"	mg/kg	0.03	0.96	1	8260B		11/28/2018	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/28/2018	CJR	1
Trichloroethene (TCE)	0.89	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
1,2,4-Trimethylbenzene	0.046 "J"	mg/kg	0.025	0.08	1	8260B		11/28/2018	CJR	1
1,3,5-Trimethylbenzene	0.033 "J"	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		11/28/2018	CJR	1
m&p-Xylene	0.172 "J"	mg/kg	0.072	0.23	1	8260B		11/28/2018	CJR	1
o-Xylene	0.072 "J"	mg/kg	0.044	0.14	1	8260B		11/28/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	93	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Toluene-d8	96	Rec %			1	8260B		11/28/2018	CJR	1
SUR - 4-Bromofluorobenzene	85	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Dibromofluoromethane	103	Rec %			1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505N  
**Sample ID** HA03D  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	80.1	%			1	5021		11/16/2018	NJC	1
Inorganic										
Metals										
Arsenic, Total	1.11 "J"	mg/kg	0.46	1.53	1	6010B		11/21/2018	ESC	1
Chromium, Total	22.9	mg/kg	0.14	0.467	1	6010B		11/21/2018	ESC	1
Lead, Total	4.74	mg/kg	0.19	0.633	1	6010B		11/21/2018	ESC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/28/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		11/28/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		11/28/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		11/28/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		11/28/2018	CJR	1
sec-Butylbenzene	0.046 "J"	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
n-Butylbenzene	0.114 "J"	mg/kg	0.04	0.13	1	8260B		11/28/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		11/28/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		11/28/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		11/28/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		11/28/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		11/28/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		11/28/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		11/28/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		11/28/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		11/28/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		11/28/2018	CJR	1
cis-1,2-Dichloroethene	1.3	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		11/28/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/28/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		11/28/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		11/28/2018	CJR	1
Ethylbenzene	0.251	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/28/2018	CJR	1
Isopropylbenzene	0.094 "J"	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
p-Isopropyltoluene	0.077 "J"	mg/kg	0.029	0.093	1	8260B		11/28/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505N  
**Sample ID** HA03D  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		11/28/2018	CJR	1
Naphthalene	0.123 "J"	mg/kg	0.094	0.3	1	8260B		11/28/2018	CJR	1
n-Propylbenzene	0.048 "J"	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		11/28/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
Tetrachloroethene	3.6	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Toluene	0.246	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		11/28/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		11/28/2018	CJR	1
1,1,1-Trichloroethane	0.172 "J"	mg/kg	0.03	0.96	1	8260B		11/28/2018	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/28/2018	CJR	1
Trichloroethene (TCE)	5.2	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
1,2,4-Trimethylbenzene	1.02	mg/kg	0.025	0.08	1	8260B		11/28/2018	CJR	1
1,3,5-Trimethylbenzene	0.32	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		11/28/2018	CJR	1
m&p-Xylene	5.3	mg/kg	0.072	0.23	1	8260B		11/28/2018	CJR	1
o-Xylene	2.49	mg/kg	0.044	0.14	1	8260B		11/28/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	85	Rec %			1	8260B		11/28/2018	CJR	1
SUR - 4-Bromofluorobenzene	88	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Dibromofluoromethane	103	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Toluene-d8	94	Rec %			1	8260B		11/28/2018	CJR	1



**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 50355050  
**Sample ID** HA03E  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	76.3	%			1	5021		11/16/2018	NJC	1
Inorganic										
Metals										
Arsenic, Total	1.18 "J"	mg/kg	0.46	1.53	1	6010B		11/21/2018	ESC	1
Chromium, Total	29.9	mg/kg	0.14	0.467	1	6010B		11/21/2018	ESC	1
Lead, Total	6.33	mg/kg	0.19	0.633	1	6010B		11/21/2018	ESC	1
Organic										
VOC's										
Benzene	0.057 "J"	mg/kg	0.03	0.096	1	8260B		11/28/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		11/28/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		11/28/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		11/28/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		11/28/2018	CJR	1
sec-Butylbenzene	0.281	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
n-Butylbenzene	0.57	mg/kg	0.04	0.13	1	8260B		11/28/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		11/28/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		11/28/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		11/28/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		11/28/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		11/28/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		11/28/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		11/28/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/28/2018	CJR	1
1,2-Dichlorobenzene	0.046 "J"	mg/kg	0.028	0.088	1	8260B		11/28/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		11/28/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethane	0.041 "J"	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		11/28/2018	CJR	1
cis-1,2-Dichloroethene	5.4	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/28/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		11/28/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/28/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		11/28/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		11/28/2018	CJR	1
Ethylbenzene	6.3	mg/kg	0.035	0.11	1	8260B		11/28/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/28/2018	CJR	1
Isopropylbenzene	0.81	mg/kg	0.034	0.11	1	8260B		11/28/2018	CJR	1
p-Isopropyltoluene	0.307	mg/kg	0.029	0.093	1	8260B		11/28/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 50355050  
**Sample ID** HA03E  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		11/28/2018	CJR	1
Naphthalene	0.45	mg/kg	0.094	0.3	1	8260B		11/28/2018	CJR	1
n-Propylbenzene	0.75	mg/kg	0.033	0.1	1	8260B		11/28/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		11/28/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		11/28/2018	CJR	1
Tetrachloroethene	6.2	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Toluene	4.5	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		11/28/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		11/28/2018	CJR	1
1,1,1-Trichloroethane	0.72 "J"	mg/kg	0.03	0.96	1	8260B		11/28/2018	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/28/2018	CJR	1
Trichloroethene (TCE)	10.7	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		11/28/2018	CJR	1
1,2,4-Trimethylbenzene	6.0	mg/kg	0.025	0.08	1	8260B		11/28/2018	CJR	1
1,3,5-Trimethylbenzene	1.73	mg/kg	0.032	0.1	1	8260B		11/28/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		11/28/2018	CJR	1
m&p-Xylene	66	mg/kg	0.72	2.3	10	8260B		11/29/2018	CJR	1
o-Xylene	22.4	mg/kg	0.44	1.4	10	8260B		11/29/2018	CJR	1
SUR - Toluene-d8	96	Rec %			1	8260B		11/28/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	95	Rec %			1	8260B		11/28/2018	CJR	1
SUR - 4-Bromofluorobenzene	91	Rec %			1	8260B		11/28/2018	CJR	1
SUR - Dibromofluoromethane	101	Rec %			1	8260B		11/28/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505P  
**Sample ID** HA04A  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	75.5	%			1	5021		11/16/2018	NJC	1
Inorganic										
Metals										
Arsenic, Total	3.32	mg/kg	0.46	1.53	1	6010B		11/21/2018	ESC	1
Chromium, Total	27.6	mg/kg	0.14	0.467	1	6010B		11/21/2018	ESC	1
Lead, Total	60.4	mg/kg	0.19	0.633	1	6010B		11/21/2018	ESC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/29/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		11/29/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		11/29/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		11/29/2018	CJR	1
tert-Butylbenzene	0.0313 "J"	mg/kg	0.026	0.084	1	8260B		11/29/2018	CJR	1
sec-Butylbenzene	0.209	mg/kg	0.033	0.1	1	8260B		11/29/2018	CJR	1
n-Butylbenzene	0.26	mg/kg	0.04	0.13	1	8260B		11/29/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		11/29/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		11/29/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		11/29/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		11/29/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		11/29/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		11/29/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		11/29/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		11/29/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/29/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/29/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/29/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		11/29/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		11/29/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		11/29/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		11/29/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		11/29/2018	CJR	1
cis-1,2-Dichloroethene	0.094 "J"	mg/kg	0.032	0.1	1	8260B		11/29/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		11/29/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		11/29/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/29/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		11/29/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/29/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		11/29/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		11/29/2018	CJR	1
Ethylbenzene	0.209	mg/kg	0.035	0.11	1	8260B		11/29/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/29/2018	CJR	1
Isopropylbenzene	0.103 "J"	mg/kg	0.034	0.11	1	8260B		11/29/2018	CJR	1
p-Isopropyltoluene	0.111	mg/kg	0.029	0.093	1	8260B		11/29/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		11/29/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505P  
**Sample ID** HA04A  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		11/29/2018	CJR	1
Naphthalene	0.152 "J"	mg/kg	0.094	0.3	1	8260B		11/29/2018	CJR	1
n-Propylbenzene	0.116	mg/kg	0.033	0.1	1	8260B		11/29/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		11/29/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		11/29/2018	CJR	1
Tetrachloroethene	0.49	mg/kg	0.032	0.1	1	8260B		11/29/2018	CJR	1
Toluene	0.30	mg/kg	0.032	0.1	1	8260B		11/29/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		11/29/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		11/29/2018	CJR	1
1,1,1-Trichloroethane	0.055 "J"	mg/kg	0.03	0.96	1	8260B		11/29/2018	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/29/2018	CJR	1
Trichloroethene (TCE)	1.57	mg/kg	0.041	0.13	1	8260B		11/29/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		11/29/2018	CJR	1
1,2,4-Trimethylbenzene	1.73	mg/kg	0.025	0.08	1	8260B		11/29/2018	CJR	1
1,3,5-Trimethylbenzene	1.43	mg/kg	0.032	0.1	1	8260B		11/29/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		11/29/2018	CJR	1
m&p-Xylene	1.12	mg/kg	0.072	0.23	1	8260B		11/29/2018	CJR	1
o-Xylene	0.72	mg/kg	0.044	0.14	1	8260B		11/29/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	95	Rec %			1	8260B		11/29/2018	CJR	1
SUR - 4-Bromofluorobenzene	84	Rec %			1	8260B		11/29/2018	CJR	1
SUR - Dibromofluoromethane	101	Rec %			1	8260B		11/29/2018	CJR	1
SUR - Toluene-d8	98	Rec %			1	8260B		11/29/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505Q  
**Sample ID** HA04B  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	76.2	%			1	5021		11/16/2018	NJC	1
Inorganic										
Metals										
Arsenic, Total	1.29 "J"	mg/kg	0.46	1.53	1	6010B		11/21/2018	ESC	1
Chromium, Total	37.6	mg/kg	0.14	0.467	1	6010B		11/21/2018	ESC	1
Lead, Total	9.92	mg/kg	0.19	0.633	1	6010B		11/21/2018	ESC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/29/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		11/29/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		11/29/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		11/29/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		11/29/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/29/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		11/29/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		11/29/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		11/29/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		11/29/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		11/29/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		11/29/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		11/29/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		11/29/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		11/29/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/29/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/29/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/29/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		11/29/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		11/29/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		11/29/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		11/29/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		11/29/2018	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/29/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		11/29/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		11/29/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/29/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		11/29/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/29/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		11/29/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		11/29/2018	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/29/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/29/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		11/29/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/29/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		11/29/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505Q  
**Sample ID** HA04B  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		11/29/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		11/29/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/29/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		11/29/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		11/29/2018	CJR	1
Tetrachloroethene	0.108	mg/kg	0.032	0.1	1	8260B		11/29/2018	CJR	1
Toluene	0.034 "J"	mg/kg	0.032	0.1	1	8260B		11/29/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		11/29/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		11/29/2018	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		11/29/2018	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/29/2018	CJR	1
Trichloroethene (TCE)	0.24	mg/kg	0.041	0.13	1	8260B		11/29/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		11/29/2018	CJR	1
1,2,4-Trimethylbenzene	0.14	mg/kg	0.025	0.08	1	8260B		11/29/2018	CJR	1
1,3,5-Trimethylbenzene	0.177	mg/kg	0.032	0.1	1	8260B		11/29/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		11/29/2018	CJR	1
m&p-Xylene	0.125 "J"	mg/kg	0.072	0.23	1	8260B		11/29/2018	CJR	1
o-Xylene	0.062 "J"	mg/kg	0.044	0.14	1	8260B		11/29/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	97	Rec %			1	8260B		11/29/2018	CJR	1
SUR - 4-Bromofluorobenzene	89	Rec %			1	8260B		11/29/2018	CJR	1
SUR - Dibromofluoromethane	99	Rec %			1	8260B		11/29/2018	CJR	1
SUR - Toluene-d8	100	Rec %			1	8260B		11/29/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505R  
**Sample ID** HA04C  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	79.8	%			1	5021		11/16/2018	NJC	1
Inorganic										
Metals										
Arsenic, Total	0.689 "J"	mg/kg	0.46	1.53	1	6010B		11/21/2018	ESC	1
Chromium, Total	30.4	mg/kg	0.14	0.467	1	6010B		11/21/2018	ESC	1
Lead, Total	5.44	mg/kg	0.19	0.633	1	6010B		11/21/2018	ESC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/29/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		11/29/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		11/29/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		11/29/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		11/29/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/29/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		11/29/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		11/29/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		11/29/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		11/29/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		11/29/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		11/29/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		11/29/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		11/29/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		11/29/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/29/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/29/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/29/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		11/29/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		11/29/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		11/29/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		11/29/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		11/29/2018	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/29/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		11/29/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		11/29/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/29/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		11/29/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/29/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		11/29/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		11/29/2018	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/29/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/29/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		11/29/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/29/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		11/29/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505R  
**Sample ID** HA04C  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		11/29/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		11/29/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/29/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		11/29/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		11/29/2018	CJR	1
Tetrachloroethene	0.136	mg/kg	0.032	0.1	1	8260B		11/29/2018	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/29/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		11/29/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		11/29/2018	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		11/29/2018	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/29/2018	CJR	1
Trichloroethene (TCE)	0.28	mg/kg	0.041	0.13	1	8260B		11/29/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		11/29/2018	CJR	1
1,2,4-Trimethylbenzene	0.033 "J"	mg/kg	0.025	0.08	1	8260B		11/29/2018	CJR	1
1,3,5-Trimethylbenzene	0.034 "J"	mg/kg	0.032	0.1	1	8260B		11/29/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		11/29/2018	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		11/29/2018	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		11/29/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	82	Rec %			1	8260B		11/29/2018	CJR	1
SUR - Toluene-d8	101	Rec %			1	8260B		11/29/2018	CJR	1
SUR - 4-Bromofluorobenzene	81	Rec %			1	8260B		11/29/2018	CJR	1
SUR - Dibromofluoromethane	99	Rec %			1	8260B		11/29/2018	CJR	1



**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505S  
**Sample ID** HA04D  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	77.7	%			1	5021		11/16/2018	NJC	1
Inorganic										
Metals										
Arsenic, Total	1.62	mg/kg	0.46	1.53	1	6010B		11/21/2018	ESC	1
Chromium, Total	29.7	mg/kg	0.14	0.467	1	6010B		11/21/2018	ESC	1
Lead, Total	5.53	mg/kg	0.19	0.633	1	6010B		11/21/2018	ESC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/29/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		11/29/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		11/29/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		11/29/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		11/29/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/29/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		11/29/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		11/29/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		11/29/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		11/29/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		11/29/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		11/29/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		11/29/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		11/29/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		11/29/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/29/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/29/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/29/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		11/29/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		11/29/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		11/29/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		11/29/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		11/29/2018	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/29/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		11/29/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		11/29/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/29/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		11/29/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/29/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		11/29/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		11/29/2018	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/29/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/29/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		11/29/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/29/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		11/29/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505S  
**Sample ID** HA04D  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		11/29/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		11/29/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/29/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		11/29/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		11/29/2018	CJR	1
Tetrachloroethene	0.77	mg/kg	0.032	0.1	1	8260B		11/29/2018	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/29/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		11/29/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		11/29/2018	CJR	1
1,1,1-Trichloroethane	0.063 "J"	mg/kg	0.03	0.96	1	8260B		11/29/2018	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/29/2018	CJR	1
Trichloroethene (TCE)	1.33	mg/kg	0.041	0.13	1	8260B		11/29/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		11/29/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		11/29/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/29/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		11/29/2018	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		11/29/2018	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		11/29/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	101	Rec %			1	8260B		11/29/2018	CJR	1
SUR - 4-Bromofluorobenzene	90	Rec %			1	8260B		11/29/2018	CJR	1
SUR - Dibromofluoromethane	98	Rec %			1	8260B		11/29/2018	CJR	1
SUR - Toluene-d8	94	Rec %			1	8260B		11/29/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505T  
**Sample ID** HA04E  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	80.7	%			1	5021		11/16/2018	NJC	1
Inorganic										
Metals										
Arsenic, Total	< 0.46	mg/kg	0.46	1.53	1	6010B		11/21/2018	ESC	1
Chromium, Total	36.0	mg/kg	0.14	0.467	1	6010B		11/21/2018	ESC	1
Lead, Total	7.91	mg/kg	0.19	0.633	1	6010B		11/21/2018	ESC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		11/29/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		11/29/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		11/29/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		11/29/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		11/29/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/29/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		11/29/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		11/29/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		11/29/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		11/29/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		11/29/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		11/29/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		11/29/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		11/29/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		11/29/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/29/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/29/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		11/29/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		11/29/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		11/29/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		11/29/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		11/29/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		11/29/2018	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/29/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		11/29/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		11/29/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		11/29/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		11/29/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		11/29/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		11/29/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		11/29/2018	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		11/29/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		11/29/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		11/29/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		11/29/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		11/29/2018	CJR	1

**Project Name** AMERICAN QUALITY FIBERS  
**Project #** N1645A18

**Invoice #** E35505

**Lab Code** 5035505T  
**Sample ID** HA04E  
**Sample Matrix** Soil  
**Sample Date** 11/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		11/29/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		11/29/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		11/29/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		11/29/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		11/29/2018	CJR	1
Tetrachloroethane	1.35	mg/kg	0.032	0.1	1	8260B		11/29/2018	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/29/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		11/29/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		11/29/2018	CJR	1
1,1,1-Trichloroethane	0.108 "J"	mg/kg	0.03	0.96	1	8260B		11/29/2018	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		11/29/2018	CJR	1
Trichloroethene (TCE)	2.92	mg/kg	0.041	0.13	1	8260B		11/29/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		11/29/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		11/29/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		11/29/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		11/29/2018	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		11/29/2018	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		11/29/2018	CJR	1
SUR - Toluene-d8	100	Rec %			1	8260B		11/29/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	99	Rec %			1	8260B		11/29/2018	CJR	1
SUR - 4-Bromofluorobenzene	88	Rec %			1	8260B		11/29/2018	CJR	1
SUR - Dibromofluoromethane	102	Rec %			1	8260B		11/29/2018	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.
- 6      The surrogate recovery not within established limits.
- 86     The analyte failed the method required serial dilution test.

ESC denotes sub contract lab - Certification #998093910

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**



Received 2/8/19



STATE OF WISCONSIN  
DEPARTMENT OF NATURAL RESOURCES  
BUREAU FOR REMEDIATION AND REDEVELOPMENT  
POST OFFICE BOX 7921  
MADISON, WI 53707-7921  
FAX 608/267-7646

### INVOICE FOR PROFESSIONAL SERVICES

Project Name American Quality Fibers 02-71-208585	Request Number 1	Date of Request 02/08/19
Project Location 204 Railroad Street, Menasha, WI	Vendor's Invoice Number N1645A18-1	Period Request Covers 11/1/18 - 1/31/19
Type of Service Limited scope of work		Is this a FINAL pay request? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Purchase Order (PO) Number	Original Amount of Contract \$ 4,939.00	Vendor Number 0000014530-A

Change Order	Amount of Change Order	Date Approved by DNR

Total Amount From Approved Change Orders:	\$ 0.00
Total Paid (To Date) From Previous Invoices:	\$ 0.00
Total Amount of Current Invoice:	\$ 3,689.20
Remaining Balance of Funds:	\$ 1,249.80
Percentage of Contract Completed:	75%
<b>THIS IS TO CERTIFY that the consultant name herein is entitled to a payment of:</b>	<b>\$ 3,689.20</b>

REMIT TO:

OMNNI Associates, Inc.

Firm Name

1 N. Systems Drive

Address

Appleton, WI 54914-1654

Approved: *[Signature]*

DNR Project Manager

Date 2/22/19

By: *Brian D. Waynes*

Signature

2/8/19

Date

Approved: \_\_\_\_\_

DNR Program Coordinator

Date

*Sent to Adrian Yerrera for payment on 2/22/19 KOL*

Received 2/8/19

ENGINEERING  
ARCHITECTURE  
ENVIRONMENTAL



OMNNI ASSOCIATES, INC.  
ONE SYSTEMS DRIVE  
APPLETON, WI 54914-1654  
1-800-571-6677 920-735-6900  
FAX 920-830-6100

February 8, 2019

Mr. Keld Lauridsen  
Hydrogeologist/Project Manager  
WDNR-Northeast Region RR  
2984 Shawano Avenue  
Green Bay, WI 54313-6727

**RE: Former American Quality Fibers (02-71-208585)  
Project Status Report OMNNI Invoice**

Dear Keld:

Attached is OMNNI's invoice and a copy of the *Invoice For Professional Services* form for services performed at the Former American Quality Fibers site. Invoice #N1645A18-1 is for soil sampling and reporting, checking on the site, and correspondence. A summary of the soil sampling dated February 1, 2019 was sent to you and submitted electronically.

Items to consider for future work at the site include:

- Several trees have died from what appears to be larvae damage. In addition to cutting down the trees and chipping them, we may need to consider selective replanting in certain areas.
- Recent construction work in Railroad Street appears to have damaged or destroyed the two monitoring well/piezometer nests that were located in the street.
- We should set up a meeting with the city and county to review the latest soil and groundwater results, the monitoring well/piezometer damage and determine what the city and county are willing to do at the site.

If you have any questions regarding this invoice or the project in general, please contact me.

Sincerely,  
OMNNI Associates, Inc.

A handwritten signature in blue ink that reads "Brian D. Wayner".

Brian D. Wayner, P.E.  
Environmental Manager

Attachments

ENGINEERING  
ARCHITECTURE  
ENVIRONMENTAL



OMNI Associates, Inc.  
One Systems Drive  
Appleton, WI 54914-1654  
920-735-6900  
Fax 920-830-6100

Keld Lauridsen  
Wisconsin Department of Natural Resources  
2984 Shawano Avenue  
Green Bay, WI 54313

**INVOICE**  
No. N1645A18-1  
02/08/2019

**Soil Investigation**  
**N1645A18**

For Services Rendered Through 1/31/2019  
Project Manager: Brian Wayner

Professional Services	Hours	Rate	Amount
Soil Investigation			
Lenz, Quin	19.50	\$72.00	\$1,404.00
Wayner, Brian	1.25	\$115.00	\$143.75
Weis, Jason C	1.00	\$110.00	\$110.00
		<b>Sub-total</b>	<b>\$1,657.75</b>

Expenses	Qty	Rate	Amount
Mileage-OMNI Vehicle	21.00	\$5.45	\$11.45
		<b>Sub-total</b>	<b>\$11.45</b>

Sub-Consultants	Date	Invoice	Amount
Synergy Environmental Lab Inc	11/30/2018	E35505	\$2,020.00
		<b>Sub-total</b>	<b>\$2,020.00</b>

**Invoice Total**      **\$3,689.20**

Contract Summary	
Charges to Date	\$3,689.20
Previously Invoiced	\$0.00
Current Invoice	\$3,689.20
Contract Maximum	\$4,939.00
Contract Remaining	\$1,249.80

**Project Manager: Brian Wayner**

# Synergy Environmental Lab, INC.

## Invoice

BRIAN WAYNER  
OMNNI ASSOCIATES INC

ONE SYSTEMS DRIVE  
APPLETON WI 54914-1654

Client Account #	100691	Invoice #	E35505
Project #	N1645A18	Invoice Date	11/30/2018
Project Name	AMERICAN QUALITY FIBERS	Quote #	8242
Notes	30219	Date Due	12/30/2018
		Sample Date	11/15/2018

Sample ID	Labcode	Sample Type	Matrix	Test Name	Price
HA01A	5035505A	Sample	Soil	Arsenic, Total	\$12.00
				Chromium, Total	\$12.00
				Lead, Total	\$12.00
				VOC'S	\$65.00
HA01B	5035505B	Sample	Soil	Arsenic, Total	\$12.00
				Chromium, Total	\$12.00
				Lead, Total	\$12.00
				VOC'S	\$65.00
HA01C	5035505C	Sample	Soil	Arsenic, Total	\$12.00
				Chromium, Total	\$12.00
				Lead, Total	\$12.00
				VOC'S	\$65.00
HA01D	5035505D	Sample	Soil	Arsenic, Total	\$12.00
				Chromium, Total	\$12.00
				Lead, Total	\$12.00
				VOC'S	\$65.00
HA01E	5035505E	Sample	Soil	Arsenic, Total	\$12.00
				Chromium, Total	\$12.00
				Lead, Total	\$12.00
				VOC'S	\$65.00
HA02A	5035505F	Sample	Soil	Arsenic, Total	\$12.00
				Chromium, Total	\$12.00
				Lead, Total	\$12.00
				VOC'S	\$65.00



# Synergy Environmental Lab, INC.

## Invoice

BRIAN WAYNER  
OMNNI ASSOCIATES INC

ONE SYSTEMS DRIVE  
APPLETON WI 54914-1654

Invoice # E35505  
Invoice Date 11/30/2018  
Quote # 8242  
Date Due 12/30/2018  
Sample Date 11/15/2018

Client Account # 100691  
Project # N1645A18  
Project Name AMERICAN QUALITY FIBERS  
Notes 30219

Sample ID	Labcode	Sample Type	Matrix	Test Name	Price
HA02B	5035505G	Sample	Soil	Arsenic, Total	\$12.00
				Chromium, Total	\$12.00
				Lead, Total	\$12.00
				VOC'S	\$65.00
HA02C	5035505H	Sample	Soil	Arsenic, Total	\$12.00
				Chromium, Total	\$12.00
				Lead, Total	\$12.00
				VOC'S	\$65.00
HA02D	5035505I	Sample	Soil	Arsenic, Total	\$12.00
				Chromium, Total	\$12.00
				Lead, Total	\$12.00
				VOC'S	\$65.00
HA02E	5035505J	Sample	Soil	Arsenic, Total	\$12.00
				Chromium, Total	\$12.00
				Lead, Total	\$12.00
				VOC'S	\$65.00
HA03A	5035505K	Sample	Soil	Arsenic, Total	\$12.00
				Chromium, Total	\$12.00
				Lead, Total	\$12.00
				VOC'S	\$65.00
HA03B	5035505L	Sample	Soil	Arsenic, Total	\$12.00
				Chromium, Total	\$12.00
				Lead, Total	\$12.00
				VOC'S	\$65.00

# Synergy Environmental Lab, INC.

## Invoice

BRIAN WAYNER  
OMNNI ASSOCIATES INC

ONE SYSTEMS DRIVE  
APPLETON WI 54914-1654

Client Account #	100691	Invoice #	E35505
Project #	N1645A18	Invoice Date	11/30/2018
Project Name	AMERICAN QUALITY FIBERS	Quote #	8242
Notes	30219	Date Due	12/30/2018
		Sample Date	11/15/2018

Sample ID	Labcode	Sample Type	Matrix	Test Name	Price
HA03C	5035505M	Sample	Soil	Arsenic, Total	\$12.00
				Chromium, Total	\$12.00
				Lead, Total	\$12.00
				VOC'S	\$65.00
HA03D	5035505N	Sample	Soil	Arsenic, Total	\$12.00
				Chromium, Total	\$12.00
				Lead, Total	\$12.00
				VOC'S	\$65.00
HA03E	5035505O	Sample	Soil	Arsenic, Total	\$12.00
				Chromium, Total	\$12.00
				Lead, Total	\$12.00
				VOC'S	\$65.00
HA04A	5035505P	Sample	Soil	Arsenic, Total	\$12.00
				Chromium, Total	\$12.00
				Lead, Total	\$12.00
				VOC'S	\$65.00
HA04B	5035505Q	Sample	Soil	Arsenic, Total	\$12.00
				Chromium, Total	\$12.00
				Lead, Total	\$12.00
				VOC'S	\$65.00
HA04C	5035505R	Sample	Soil	Arsenic, Total	\$12.00
				Chromium, Total	\$12.00
				Lead, Total	\$12.00
				VOC'S	\$65.00

# Synergy Environmental Lab, INC.

## Invoice

BRIAN WAYNER  
OMNI ASSOCIATES INC

ONE SYSTEMS DRIVE  
APPLETON WI 54914-1654

Invoice # E35505  
Invoice Date 11/30/2018  
Quote # 8242  
Date Due 12/30/2018  
Sample Date 11/15/2018

Client Account # 100691  
Project # N1645A18  
Project Name AMERICAN QUALITY FIBERS  
Notes 30219

Sample ID	Labcode	Sample Type	Matrix	Test Name	Price
HA04D	5035505S	Sample	Soil	Arsenic, Total	\$12.00
				Chromium, Total	\$12.00
				Lead, Total	\$12.00
				VOC'S	\$65.00
HA04E	5035505T	Sample	Soil	Arsenic, Total	\$12.00
				Chromium, Total	\$12.00
				Lead, Total	\$12.00
				VOC'S	\$65.00

**Total Cost: \$2,020.00**

To ensure proper payment,  
Include Account # Invoice #

PLEASE REMIT PAYMENT TO:  
SYNERGY ENVIRONMENTAL LAB, INC.  
1990 PROSPECT CT.,  
APPLETON, WI 54914

## Lauridsen, Keld B - DNR

---

**From:** Lauridsen, Keld B - DNR  
**Sent:** Tuesday, October 30, 2018 11:36 AM  
**To:** 'Brian Wayner'  
**Cc:** Chronert, Roxanne N - DNR; Soyer, Jenna A - DNR; Fox, Shelley L - DNR  
**Subject:** RE: Former American Quality Fibers Proposal - Revised - BRRTS # 02-71-208585

Brian,

The Department accepts the below proposal for \$4,939 for the above referenced site. This email serves as your notice to proceed.

Let me know if we need to discuss anything further.

Thanks,

-Keld

**We are committed to service excellence.**

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

**Keld B. Lauridsen**

Phone: (920) 662-5420

Keld.Lauridsen@wisconsin.gov

---

**From:** Brian Wayner <Brian.Wayner@omni.com>  
**Sent:** Thursday, September 27, 2018 1:52 PM  
**To:** Lauridsen, Keld B - DNR <Keld.Lauridsen@wisconsin.gov>  
**Cc:** Justin Brown <Justin.Brown@omni.com>  
**Subject:** Former American Quality Fibers Proposal - Revised

Hi Keld,

Based on our discussions on conducting limited soil sampling at the former AQF site, we have revised our proposal to the following:

Attempt to conduct up to four hand auger borings with up to five sampling intervals per boring. Sampling intervals will be closely spaced near the surface to allow us to better understand the progress of the phytoremediation project. Anticipated sample intervals are 0-.5 feet, 1-2 feet, 2-3 feet, 3-4 feet and one sample from 4-5 feet (if possible). If we can get down deeper we will modify the sampling interval to collect deeper samples. The samples would be analyzed for VOCs, arsenic, lead, and chromium. The sampling locations would be on the northern end of the property in the areas around MW1 and MW9.

1998 surficial samples collected by the DNR near MW1 indicated Xylenes concentrations of 71,800 µg/kg, Ethylbenzene concentrations of 20,000 µg/kg and TCE concentrations of 23,900 µg/kg. Numerous other VOCs were also identified and quantified near the MW1 location. I have attached a site map for reference.

We will prepare a brief letter report documenting the soil sampling and the analytical results. The proposed cost for this limited soil monitoring is \$4,939. (Analytical-\$2,020 and OMNNI services are \$2,919).

Brian D. Wayner, P.E.

Environmental Manager

OMNNI Associates, Inc.

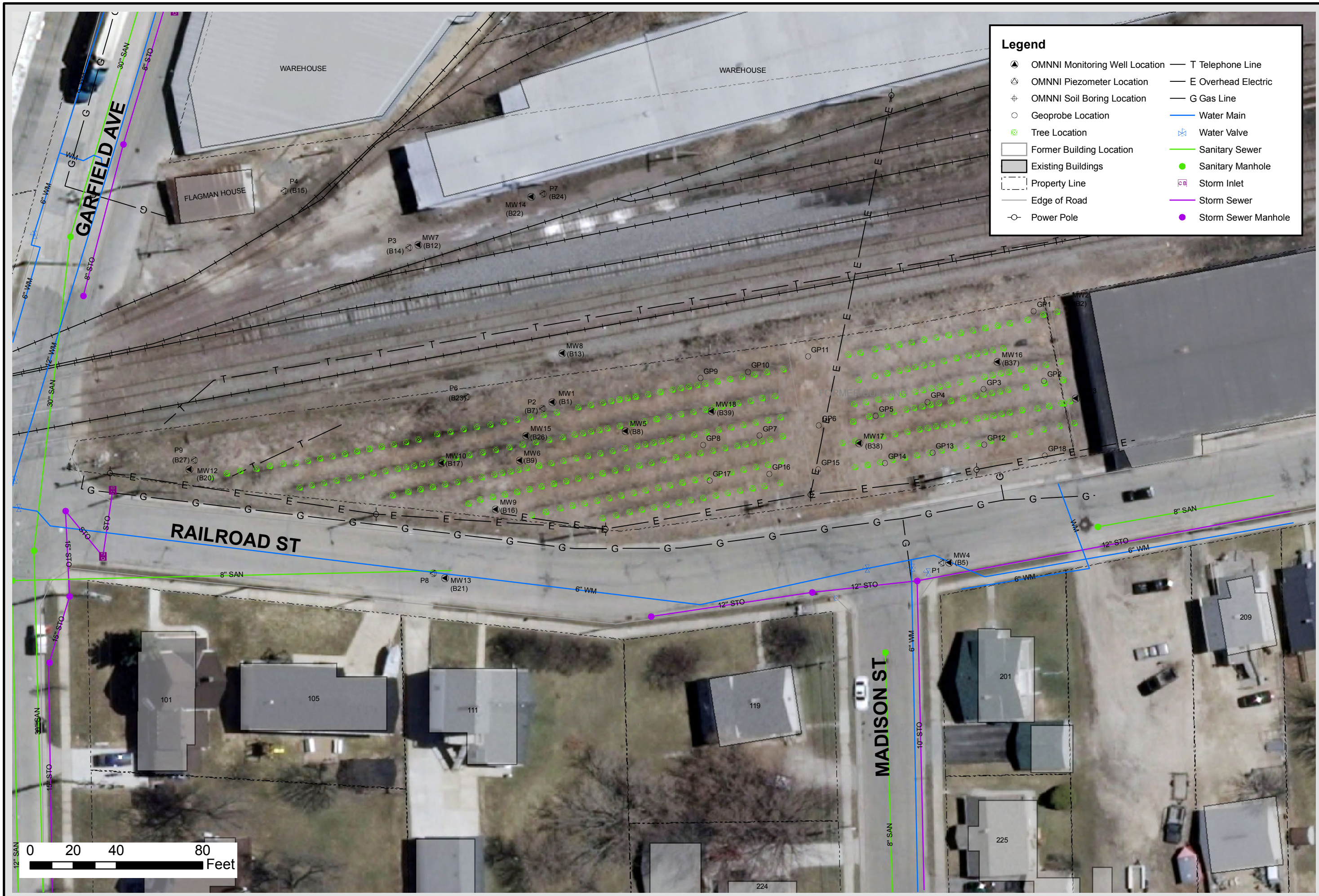
One N. Systems Drive, Appleton, WI 54914-1654

800.571.6677, 920.830.6141 (D), 920.830.6100 (F)

[bwayner@omnni.com](mailto:bwayner@omnni.com)

This email is subject to OMNNI Associates, Inc. Electronic File Disclaimer. For full disclaimer see

[http://www.omnni.org/legal/OMNNI\\_Email\\_Disclaimer.pdf](http://www.omnni.org/legal/OMNNI_Email_Disclaimer.pdf)

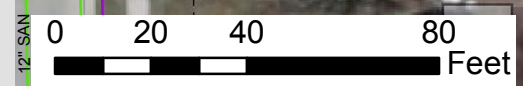


**Legend**

- ▲ OMNI Monitoring Well Location
- ⊕ OMNI Piezometer Location
- ⊕ OMNI Soil Boring Location
- Geoprobe Location
- ⊗ Tree Location
- ▭ Former Building Location
- ▭ Existing Buildings
- - - Property Line
- Edge of Road
- ⊙ Power Pole
- T Telephone Line
- E Overhead Electric
- G Gas Line
- Water Main
- ⊗ Water Valve
- Sanitary Sewer
- Sanitary Manhole
- ⊗ Storm Inlet
- Storm Sewer
- Storm Sewer Manhole



Project Manager: BDW  
 Project Engineer: BDW  
 Drawn By: JCW  
 Checked By: BDW  
 Date: 1/14/2011



**FORMER AMERICAN QUALITY FIBERS  
 SITE DETAIL MAP**

204 RAILROAD STREET  
 MENESHA, WISCONSIN 54952



SCALE:  
 1" = 40'  
 PROJECT NO.  
**N1645A00**  
 FIGURE NO.  
**2**

C:\Sync\Folders\AQF GIS\Site Detail Map.mxd