

August 18, 2016

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

RE: Summary of the August 8, 2016 groundwater sampling events at the Former American Quality Fibers site.

Dear Keld:

The purpose of this letter report is to summarize the groundwater sampling events conducted on August 8, 2016 at the former American Quality Fibers site. The former American Quality Fibers is located at 204 Railroad Street (BRRTS # 02-71-208585), Menasha, Wisconsin. (See Figure 1 – Site Location Map.) This report includes:

- Figure 1 – Site Location Map
- Figure 2 – Site Detail Map - Monitoring Well and Piezometer Locations
- Figure 3 – Soil Vent Well Locations
- Well Specific Field Sheet
- Table 2 – Groundwater Analytical Summary
- Monitoring Point Photograph Summary
- Laboratory Report

Groundwater elevations were only taken at the monitoring wells and piezometer that were sampled. Groundwater elevations were recorded on the well specific field sheets. (Reference Well Specific Field Sheets.)

Monitoring wells MW1, MW6, MW16, and piezometer P2 were sampled for volatile organic compounds (VOCs). A peristaltic pump was used to purge groundwater for 15 to 20 minutes before a grab sample was collected from these monitoring points.

Color, odor, and turbidity observations were recorded on well specific field sheets. The well specific field sheets also list the measured depth to water from the top of the PVC pipe, mean sea level groundwater elevation, the length of time spent purging and the approximate gallons of groundwater purged from each monitoring well/piezometer prior to taking the groundwater sample. (Reference Well Specific Field Sheets.)

Purged groundwater from the monitoring wells and piezometer was collected in 5-gallon buckets. The purged groundwater was poured back onto the base of trees nearest the monitoring point.

An attempt was made to collect soil samples by means of hand auger while at the site. Hand boring efforts were attempted at multiple locations near soil boring B1 and vent well V5. (See Figure 2 – Site Detail Map and Figure 3 – Soil Vent Well Locations.) Excessive gravel was experienced at about six inches from the surface at each location attempted, with a maximum depth of two feet reached before total refusal.

Unfiltered groundwater samples collected from the monitoring wells and piezometer were submitted for laboratory VOC analysis. Groundwater analytical methods are included with the laboratory report. (Reference Laboratory Report.) The laboratory analysis has been summarized in Table 2.

Groundwater enforcement standard and preventive action limit exceedances of VOCs remain in all of the monitoring points sampled. In general, results of the laboratory analysis were similar when compared to past sampling events. Monitoring wells MW1 and MW16 had some parameters lower than recent events and some parameters higher than recent events. Monitoring well MW6 had an overall decrease in contaminants since the last testing event. Piezometer P2 generally showed no change or a slight increase in laboratory detections.

Monitoring well MW1 and piezometer P2 are located directly beside each other near the eastern most row of trees, closest to the railroad tracks. Locations of monitoring wells and piezometers can be viewed on the site detail map. (Reference Figure 2 – Site Detail Map.)

If you have any questions on the enclosed information, please contact me at 920/830-6141 or by email at bwayner@omni.com.

Sincerely,
OMNNI Associates, Inc.


Brian D. Wayner, P.E.
Environmental Manager

Attachments



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

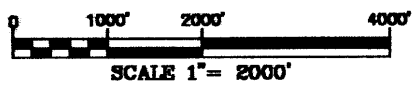


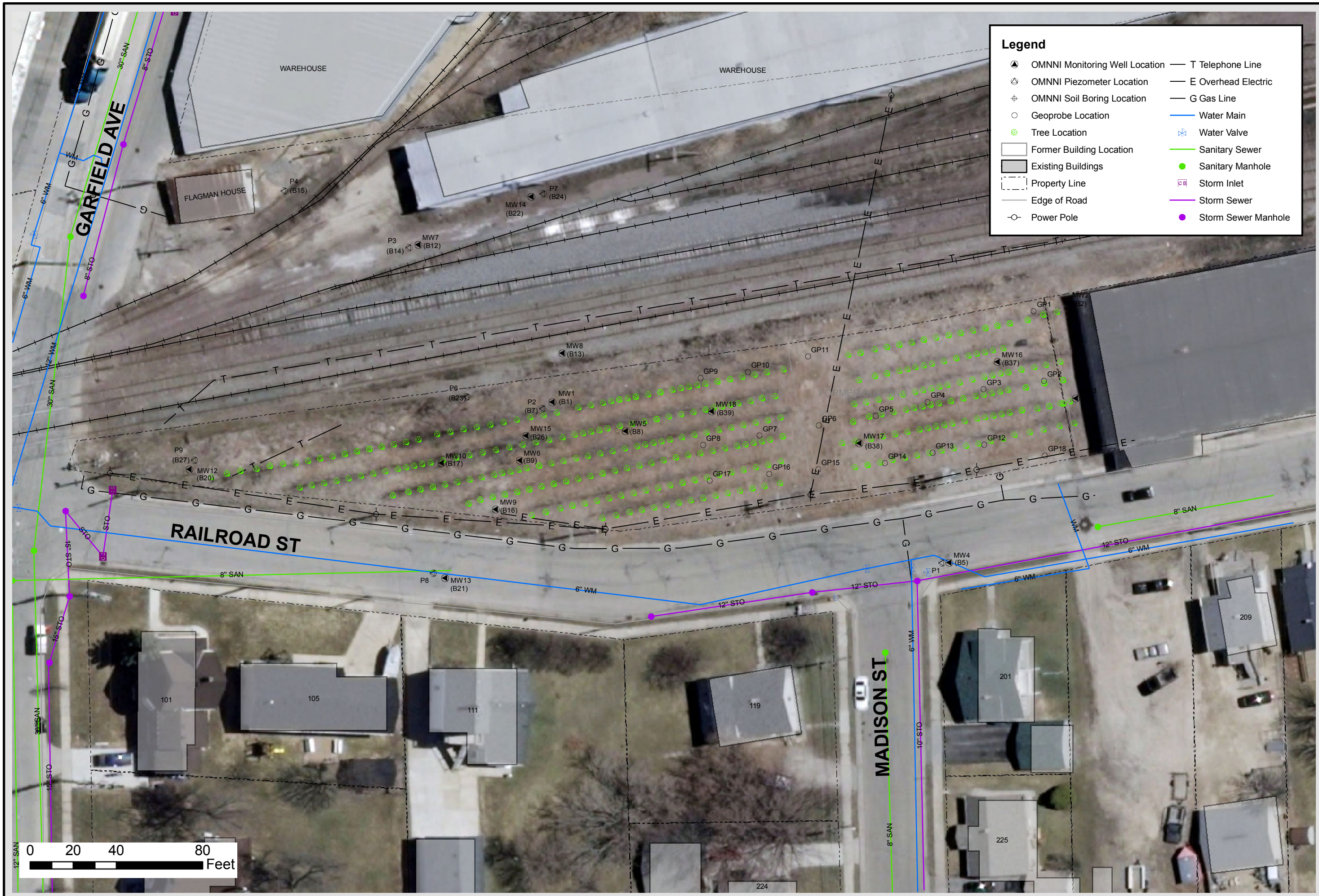
FIGURE 1
SITE LOCATION MAP

FORMER AMERICAN QUALITY FIBERS
204 RAILROAD STREET
MENASHA, WISCONSIN 54952

OMNI
ASSOCIATES

ONE SYSTEMS DRIVE
APPLETON, WI 54914
PHONE (920) 735-6900
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

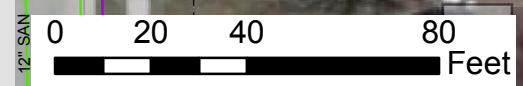


Legend

- ▲ 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



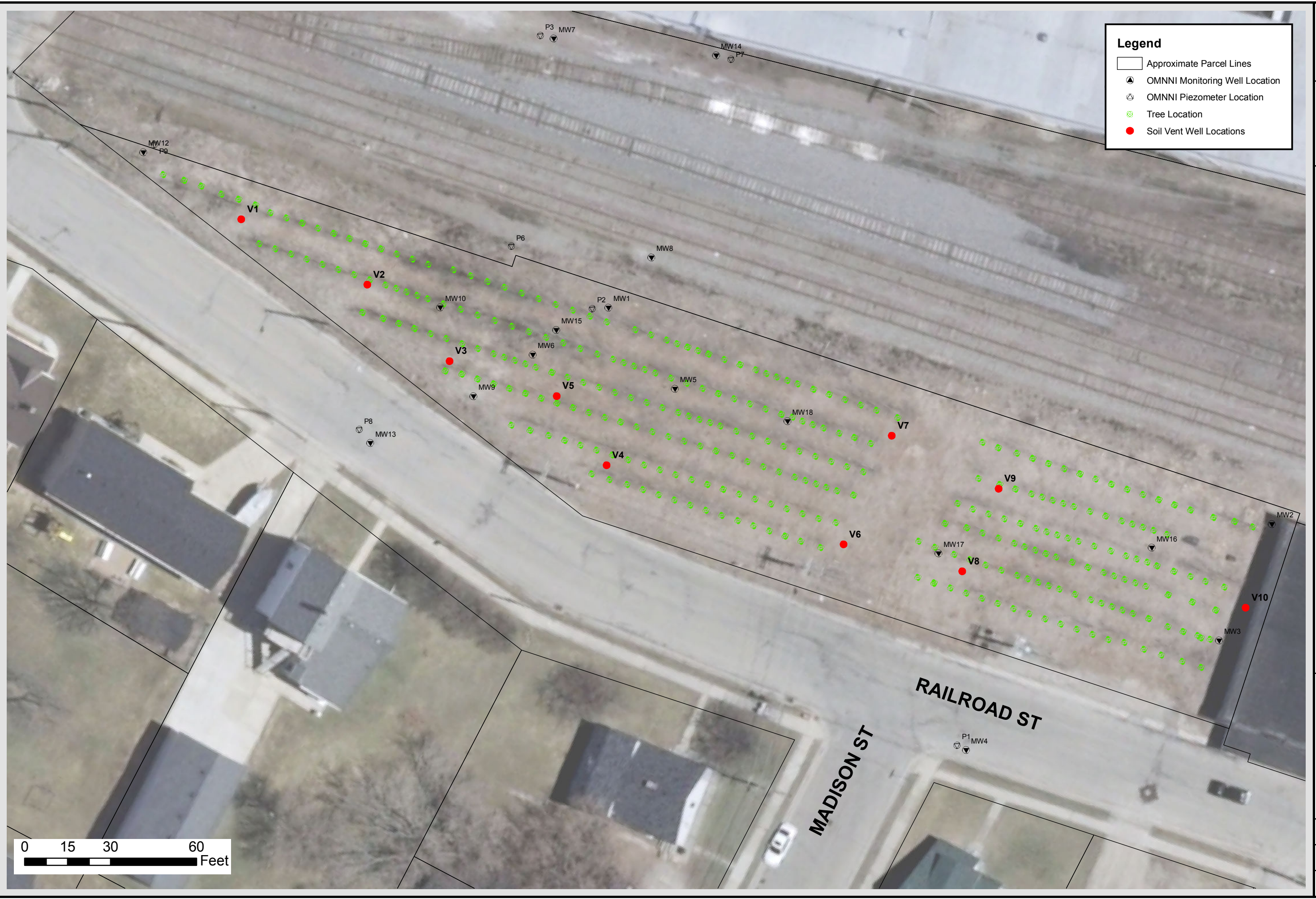
**FORMER AMERICAN QUALITY FIBERS
 SITE DETAIL MAP**

204 RAILROAD STREET
 MENESHA, WISCONSIN 54952



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

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



Legend

- Approximate Parcel Lines
- ▲ OMNNI Monitoring Well Location
- △ OMNNI Piezometer Location
- Tree Location
- Soil Vent Well Locations

Project Manager: BDW
 Project Engineer: BDW
 Drawn By: JCW
 Checked By: BDW
 Date: 7/13/2011

**FORMER AMERICAN QUALITY FIBERS
 SOIL VENT WELL LOCATIONS**

204 RAILROAD STREET
 MENESHA, WISCONSIN 54952

OMNNI ASSOCIATES
 ONE SYSTEMS DRIVE PHONE (920) 735-6900
 APPLETON, WI 54914 FAX (920) 830-6100

SCALE:
 1" = 30'
 PROJECT NO.
N1645A00
 FIGURE NO.
3

F:\EN\VIROW\1645A00\GIS\VentWell\GeoXH1.mxd

Well Specific Field Sheets

Facility Name: Former American Quality Fibers
 Date: August 9, 2016
 Weather Conditions: Sunny, 75 - 85°F
 Person(s) Sampling: Kim Kennedy
 Sampling Equipment: Enviroline disposable bailers, Solonist 101 water level meter, Peristaltic pump - micro purge, DO probe, ORP (Oakton 300 pH meter), pH/Conductivity (Oakton pH/Con. 10 meter), HACH (DR/700 Colorimeter)

Well Name	MW1	MW2	MW3	MW4	MW5	MW6
WI Unique Well No.				JK340	JK337	JK338
Top of PVC Casing Elevation (MSL)	757.82	758.79	758.17	753.62	758.85	758.76
Ground Surface Elevation (MSL)	755.63	756.39	755.82	753.95	756.10	755.59
Depth to Bottom of Well from PVC (ft)	21.48	19.59	19.69	18.90	23.80	23.59
Screen Top (MSL)	746.34	749.20	748.48	744.72	745.05	745.17
Screen Bottom (MSL)	736.34	739.20	738.48	734.72	735.05	735.17
Screen Length (ft)	10	10	10	10	10	10
Water Elevation (MSL)	740.60	758.79	758.17		758.85	739.35
Water Elevation (ft from ground surface)	15.03	-2.40	-2.35		-2.75	16.24
Measured Depth to Water (ft)	17.22					19.41
Micro Purge Pump Setting	0.7	—	—	—	—	0.7
Time Purging Begun	11:00 AM	—	—	—	—	10:28 AM
Time Purging Completed	11:15 AM	—	—	—	—	10:47 AM
Amount Purged (gal)	2.00	—	—	—	—	2.0
Purged Dry? (Y/N)	N	—	—	—	—	N
Temperature (°C)	13.7	—	—	—	—	15.1
Conductivity (µS)	1430	—	—	—	—	1916
pH (std. units)	6.60	—	—	—	—	6.66
Dissolved Oxygen (mg/L)	0.25	—	—	—	—	0.30
ORP (mV)	—	—	—	—	—	—
Ferrous Iron (mg/L)	—	—	—	—	—	—
Color (Y/N)	yellow	—	—	—	—	yellowish-brown
Odor (Y/N)	septic	—	—	—	—	septic
Turbidity (Y/N)	N	—	—	—	—	N
Sampling Parameters	VOCs	—	—	—	—	VOCs
Time Sample Withdrawn	11:16 AM	—	—	—	—	10:49 AM
Sample field filtered? (Y/N)	N	—	—	—	—	N
Time filtered	—	—	—	—	—	—
Well secured? (Y/N)	Y	—	—	—	—	Y

Well Specific Field Sheets

Facility Name: Former American Quality Fibers
 Date: August 9, 2016
 Weather Conditions: Sunny, 75 - 85°F
 Person(s) Sampling: Kim Kennedy
 Sampling Equipment: Enviroline disposable bailers, Solonist 101 water level meter, Peristaltic pump - micro purge, DO probe, ORP (Oakton 300 pH meter), pH/Conductivity (Oakton pH/Con. 10 meter), HACH (DR/700 Colorimeter)

Well Name	MW7*	MW8	MW9	MW10	MW11	MW12
WI Unique Well No.	JK682	JK683	JK686	JK687	PI0788	PG092
Top of PVC Casing Elevation (MSL)	754.36	754.88	758.09	758.38	748.06	758.76
Ground Surface Elevation (MSL)	754.95	754.25	755.59	755.51	748.55	755.95
Depth to Bottom of Well from PVC (ft)	20.20	19.50	22.65	22.83	19.75	23.01
Screen Top (MSL)	744.16	745.38	745.44	745.55	738.31	745.75
Screen Bottom (MSL)	734.16	735.38	735.44	735.55	728.31	735.75
Screen Length (ft)	10	10	10	10	10	10
Water Elevation (MSL)		754.88	758.09	758.38		758.76
Water Elevation (ft from ground surface)		-0.63	-2.50	-2.87		-2.81
Measured Depth to Water (ft)						
Micro Purge Pump Setting	-	-	-	-	-	-
Time Purging Begun	-	-	-	-	-	-
Time Purging Completed	-	-	-	-	-	-
Amount Purged (gal)	-	-	-	-	-	-
Purged Dry? (Y/N)	-	-	-	-	-	-
Temperature (°C)	-	-	-	-	-	-
Conductivity (µS)	-	-	-	-	-	-
pH (std. units)	-	-	-	-	-	-
Dissolved Oxygen (mg/L)	-	-	-	-	-	-
ORP (mV)	-	-	-	-	-	-
Ferrous Iron (mg/L)	-	-	-	-	-	-
Color (Y/N)	-	-	-	-	-	-
Odor (Y/N)	-	-	-	-	-	-
Turbidity (Y/N)	-	-	-	-	-	-
Sampling Parameters	-	-	-	-	-	-
Time Sample Withdrawn	-	-	-	-	-	-
Sample field filtered? (Y/N)	-	-	-	-	-	-
Time filtered	-	-	-	-	-	-
Well secured? (Y/N)	-	-	-	-	-	-

* 6' 10" off north rail, look for paint mark

Well Specific Field Sheets

Facility Name: Former American Quality Fibers
 Date: August 9, 2016
 Weather Conditions: Sunny, 75 - 85°F
 Person(s) Sampling: Kim Kennedy
 Sampling Equipment: Enviroline disposable bailers, Solonist 101 water level meter, Peristaltic pump - micro purge, DO probe, ORP (Oakton 300 pH meter), pH/Conductivity (Oakton pH/Con. 10 meter), HACH (DR/700 Colorimeter)

Well Name	MW13	MW14	MW15	MW16	MW17	MW18
WI Unique Well No.	PC920	PC917	PG091	OY656	OY657	OY658
Top of PVC Casing Elevation (MSL)	755.32	758.78	758.78	759.77	758.70	758.84
Ground Surface Elevation (MSL)	755.80	755.65	756.24	756.89	755.96	756.07
Depth to Bottom of Well from PVC (ft)	19.55	21.55	23.00	23.09	23.09	23.04
Screen Top (MSL)	745.77	747.23	745.78	746.68	745.61	745.80
Screen Bottom (MSL)	735.77	737.23	735.78	736.68	735.61	735.80
Screen Length (ft)	10	10	10	10	10	10
Water Elevation (MSL)		758.78	758.78	742.36	758.70	758.84
Water Elevation (ft from ground surface)		-3.13	-2.54	14.53	-2.74	-2.77
Measured Depth to Water (ft)				17.41		
Micro Purge Pump Setting	—	—	—	0.7	—	—
Time Purging Begun	—	—	—	0.4	—	—
Time Purging Completed	—	—	—	0.4	—	—
Amount Purged (gal)	—	—	—	2.0	—	—
Purged Dry? (Y/N)	—	—	—	N	—	—
Temperature (°C)	—	—	—	13.0	—	—
Conductivity (µS)	—	—	—	3120.0	—	—
pH (std. units)	—	—	—	6.5	—	—
Dissolved Oxygen (mg/L)	—	—	—	0.36	—	—
ORP (mV)	—	—	—	—	—	—
Ferrous Iron (mg/L)	—	—	—	—	—	—
Color (Y/N)	—	—	—	N	—	—
Odor (Y/N)	—	—	—	septic	—	—
Turbidity (Y/N)	—	—	—	N	—	—
Sampling Parameters	—	—	—	VOCs	—	—
Time Sample Withdrawn	—	—	—	0.4	—	—
Sample field filtered? (Y/N)	—	—	—	N	—	—
Time filtered	—	—	—	—	—	—
Well secured? (Y/N)	—	—	—	Y	—	—

Well Specific Field Sheets

Facility Name: Former American Quality Fibers
 Date: August 9, 2016
 Weather Conditions: Sunny, 75 - 85°F
 Person(s) Sampling: Kim Kennedy
 Sampling Equipment: Enviroline disposable bailers, Solonist 101 water level meter, Peristaltic pump - micro purge, DO probe, ORP (Oakton 300 pH meter), pH/Conductivity (Oakton pH/Con. 10 meter), HACH (DR/700 Colorimeter)

Well Name	P1	P2	P3	P4	P5	P6
WI Unique Well No.	JK339	JK681	JK684	JK685	PI0787	PG094
Top of PVC Casing Elevation (MSL)	753.29	758.76	754.31	756.34	747.77	758.89
Ground Surface Elevation (MSL)	753.99	755.83	754.92	753.47	748.51	755.82
Depth to Bottom of Well from PVC (ft)	29.40	33.20	29.70	33.00	34.50	48.15
Screen Top (MSL)	728.89	730.56	729.61	728.34	718.27	715.74
Screen Bottom (MSL)	723.89	725.56	724.61	723.34	713.27	710.74
Screen Length (ft)	5	5	5	5	5	5
Water Elevation (MSL)		740.38	—	756.34		758.89
Water Elevation (ft from ground surface)		15.45	—	-2.87		-3.07
Measured Depth to Water (ft)		18.38				
Micro Purge Pump Setting	—	0.7		—	—	—
Time Purging Begun	—	11:26 AM		—	—	—
Time Purging Completed	—	11:46 AM		—	—	—
Amount Purged (gal)	—	2.5		—	—	—
Purged Dry? (Y/N)	—	N		—	—	—
Temperature (°C)	—	13.4		—	—	—
Conductivity (µS)	—	3540		—	—	—
pH (std. units)	—	7.19		—	—	—
Dissolved Oxygen (mg/L)	—	1.00		—	—	—
ORP (mV)	—	—		—	—	—
Ferrous Iron (mg/L)	—	—		—	—	—
Color (Y/N)	—	N		—	—	—
Odor (Y/N)	—	septic		—	—	—
Turbidity (Y/N)	—	N		—	—	—
Sampling Parameters	—	VOCs		—	—	—
Time Sample Withdrawn	—	11:47 AM		—	—	—
Sample field filtered? (Y/N)	—	N		—	—	—
Time filtered	—	—		—	—	—
Well secured? (Y/N)	—	Y		—	—	—

Piezometer lost. Cover found in gravel pile left from snow removal operations.

Well Specific Field Sheets

Facility Name: Former American Quality Fibers
 Date: August 9, 2016
 Weather Conditions: Sunny, 75 - 85°F
 Person(s) Sampling: Kim Kennedy
 Sampling Equipment: Enviroline disposable bailers, Solonist 101 water level meter, Peristaltic pump - micro purge, DO probe, ORP (Oakton 300 pH meter), pH/Conductivity (Oakton pH/Con. 10 meter), HACH (DR/700 Colorimeter)

Well Name	P7	P8	P9			
WI Unique Well No.	PC918	PC919	PG093			
Top of PVC Casing Elevation (MSL)	758.81	755.71	758.91			
Ground Surface Elevation (MSL)	755.95	755.83	755.92			
Depth to Bottom of Well from PVC (ft)	32.26	28.50	33.28			
Screen Top (MSL)	731.55	732.21	730.63			
Screen Bottom (MSL)	726.55	727.21	725.63			
Screen Length (ft)	5	5	5			
Water Elevation (MSL)	758.81		758.91			
Water Elevation (ft from ground surface)	-2.86		-2.99			
Measured Depth to Water (ft)		—				
Micro Purge Pump Setting	—	—	—			
Time Purging Begun	—	—	—			
Time Purging Completed	—	—	—			
Amount Purged (gal)	—	—	—			
Purged Dry? (Y/N)	—	—	—			
Temperature (°C)	—	—	—			
Conductivity (µS)	—	—	—			
pH (std. units)	—	—	—			
Dissolved Oxygen (mg/L)	—	—	—			
ORP (mV)	—	—	—			
Ferrous Iron (mg/L)	—	—	—			
Color (Y/N)	—	—	—			
Odor (Y/N)	—	—	—			
Turbidity (Y/N)	—	—	—			
Sampling Parameters	—	—	—			
Time Sample Withdrawn	—	—	—			
Sample field filtered? (Y/N)	—	—	—			
Time filtered	—	—	—			
Well secured? (Y/N)	—	—	—			

Table 2 - Groundwater Sample Summary

		Detected VOCs, PVOCs (µg/L)																																	
		Acetone	Benzene	n-Butyl benzene	sec-Butyl benzene	Carbon tetra chloride	Chloro ethane	Chloroform	Chloro methane	1,2-Dibromoethane (EDB)	Dichloro difluoro methane	1,1-Dichloro ethane	1,2-Dichloro ethane	1,1-Dichloro ethene	cis-1,2-dichloro ethene	Trans-1,2-Dichloro ethene	Ethyl benzene	Isopropyl benzene	p-Isopropyl toluene	Methylene Chloride	Methyl Ethyl Ketone	Methyl Isobutyl Ketone	MTBE	Naphthalene	n-Propyl benzene	Styrene	Tetrachloro ethene (PCE)	Toluene	1,1,1-Trichloro ethane	1,1,2-Trichloro ethane	Trichloro ethene (TCE)	Trimethyl benzenes (total)	Vinyl Chloride	Xylenes (total)	
NR 140 ES		9000	5			5	400	6	30	0.05	1,000	850	5	7	70	100	700			5	4,000	500	60	100		100	5	800	200	5	5	480	0.2	2,000	
NR 140 PAL		1800	0.5			0.5	80	0.6	3.0	0.005	200	85	0.5	0.7	7	20	140			0.5	800	50	12	10		10	0.5	160	40	0.5	96	0.02	400		
P7	Elevations msl:	6/5/02	—	190 J	<68	<92	<110	<140	<110	<140	<100	<140	<110	<110	<110	<120	4,500	100 J	<78	<120	—	—	<100	<280	<68	—	<100	11,000	<110	<100	<150	<224	<24	13,600	
	Surface:	10/4/05	—	0.30 J	<0.61	<0.25	<0.25	<0.37	<0.78	<1.1	<0.58	<0.2	35	<0.25	<0.2	140	8.8	<0.3	<0.56	<0.5	<0.55	—	—	<0.36	<0.85	<0.56	—	<0.45	<0.52	0.60 J	<0.35	1.8	<1.15	1.3	<1.17
		10/5/06	—	71	<22	<15.2	<10.4	52	<12.2	<20	<9.8	<10	<11.2	<14.4	<6	<13.6	<19	1,770	<19.8	<16.2	<13.8	—	—	<10.4	<44	<12.2	—	<10.4	<11.8	<10	<10	<8.8	24.4 J	<3.4	3,387
		10/5/11	—	21.9	<0.9	<1	<0.47	34	<0.61	<1	<0.49	<0.5	24.3	<0.5	<0.6	<0.74	1.37 "J"	2.21 "J"	4.8	<0.92	<1.1	—	—	<0.8	<2.1	1.67 "J"	—	<0.44	<0.53	<0.85	<0.47	<0.47	2.26 "J"	<0.18	<10.5
	Top Casing:	8/14/12	—	46.0	<9	<10	<4.7	64	<4.9	<19	<6.3	<18	13.9 "J"	<5	<6	<7.4	<7.9	288	14.4 "J"	<9.2	<11	—	—	<8	<21	<5.9	—	<4.4	<5.3	<8.5	<4.7	<4.7	24.6 "J"	<1.8	741.5 "J"
Top Screen:																																			
Bottom Screen:																																			
P8	Elevations msl:	6/5/02	—	<0.43	<0.34	<0.46	<0.56	<0.69	<0.56	<0.69	<0.48	<0.68	<57	<0.54	<0.57	8.5	<0.59	<0.49	<0.46	<0.39	<0.60	—	—	<0.49	<1.4	<0.34	—	<0.49	<0.63	0.78 J	<0.52	6.2	<1.14	<12	<1.45
	Surface:	10/4/05	—	<0.26	<0.61	<0.25	<0.25	<0.37	<0.78	<1.1	<0.58	<0.2	<0.91	<0.25	<0.2	1.8	<0.4	<0.3	<0.56	<0.5	<0.55	—	—	<0.36	<0.85	<0.56	—	<0.45	<0.52	0.60 J	<0.35	2.0	<1.15	<0.16	<1.17
		10/5/06	—	<0.47	<1.1	<0.76	<0.52	<0.54	<0.61	<1	<0.49	<0.5	<0.56	<0.72	<0.3	2.28	<0.95	<0.38	<0.99	<0.81	<0.69	—	—	<0.52	<2.2	<0.61	—	<0.52	<0.59	0.68 J	<0.5	2.3	<1.59	<0.17	<1.42
		10/5/11	—	<0.5	<0.9	<1	<0.47	<1.4	<0.61	<1	<0.49	<0.5	<0.98	<0.5	<0.6	<0.74	<0.79	<0.78	<0.92	<0.92	<1.1	—	—	<0.8	<2.1	<0.59	—	<0.44	<0.53	<0.85	<0.47	<0.47	<1.56	<0.18	<1.9
	Top Casing:	8/14/12	—	<0.5	<0.9	<1	<0.47	<1.4	<0.49	<1.9	<0.63	<1.8	<0.98	<0.5	<0.6	<0.74	<0.79	<0.78	<0.92	<0.92	<1.1	—	—	<0.8	<2.1	<0.59	—	<0.44	<0.53	<0.85	<0.47	<0.47	<1.54	<0.18	<1.9
Top Screen:																																			
Bottom Screen:																																			
P9	Elevations msl:	6/5/02	—	17	<3.4	<4.6	<5.6	<6.9	<5.6	<6.9	<4.8	<6.8	64	<5.4	<5.7	74	10 J	<4.9	<4.6	<3.9	<6.0	—	—	<4.9	<14	<3.4	—	<4.9	<6.3	<5.7	<5.2	60	<11.4	17	<14.5
	Surface:	10/4/05	—	0.93	<0.61	<0.25	<0.25	<0.37	<0.78	<1.1	<0.58	<0.2	1.5 J	<0.25	<0.2	17	1.9	<0.3	<0.56	<0.5	<0.55	—	—	<0.36	<0.85	<0.56	—	<0.45	<0.52	3.4	<0.35	21	<1.15	2.7	<1.17
		10/5/06	—	0.81 J	<1.1	<0.76	<0.52	<0.54	<0.61	<1	<0.49	<0.5	1.92	<0.72	<0.3	22	1.71 J	<0.38	<0.99	<0.81	<0.69	—	—	<0.52	<2.2	<0.61	—	<0.52	<0.59	4.2	<0.5	21.9	<1.59	4.2	<1.42
		10/5/11	—	52 "J"	<45	<50	<23.5	<70	<24.5	<95	<31.5	<90	194	<25	<30	199	<39.5	960	<46	<46	<55	—	—	<40	<105	<29.5	—	<22	<26.5	<42.5	<23.5	<23.5	<77	290	869 "J"
	Top Casing:	8/14/12	—	37	<9	<10	<4.7	<14	<4.9	<19	<6.3	<18	138	<5	<6	21 "J"	10.4 "J"	770	<9.2	<9.2	<11	—	—	<8	<21	<5.9	—	<4.4	<5.3	19.5 "J"	<4.7	<4.7	15.4 "J"	39	172.5 "J"
Top Screen:																																			
Bottom Screen:																																			

Monitoring Point Photograph Summary



MW16 cap



View looking north at MW16



View looking south at MW16



MW6 (no cap)



View looking south at MW6



View looking north at MW6



MW1 cap



View looking northeast at MW1 and P2



View looking southeast at MW1 and P2



View looking north



View looking east



View looking south

Synergy Environmental Lab, INC.

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

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

Report Date 16-Aug-16

Project Name FMR AMERICAN QUALITY FIBERS
Project # N1645A00

Invoice # E31518

Lab Code 5031518A
Sample ID TRIP
Sample Matrix Water
Sample Date 8/9/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B	8/10/2016	8/10/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B	8/10/2016	8/10/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B	8/10/2016	8/10/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B	8/10/2016	8/10/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B	8/10/2016	8/10/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B	8/10/2016	8/10/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B	8/10/2016	8/10/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B	8/10/2016	8/10/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B	8/10/2016	8/10/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B	8/10/2016	8/10/2016	CJR	4
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B	8/10/2016	8/10/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B	8/10/2016	8/10/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B	8/10/2016	8/10/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B	8/10/2016	8/10/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B	8/10/2016	8/10/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B	8/10/2016	8/10/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B	8/10/2016	8/10/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B	8/10/2016	8/10/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B	8/10/2016	8/10/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B	8/10/2016	8/10/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B	8/10/2016	8/10/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B	8/10/2016	8/10/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B	8/10/2016	8/10/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B	8/10/2016	8/10/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B	8/10/2016	8/10/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B	8/10/2016	8/10/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B	8/10/2016	8/10/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B	8/10/2016	8/10/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B	8/10/2016	8/10/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B	8/10/2016	8/10/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B	8/10/2016	8/10/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B	8/10/2016	8/10/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B	8/10/2016	8/10/2016	CJR	1

Project Name FMR AMERICAN QUALITY FIBERS
Project # N1645A00

Invoice # E31518

Lab Code 5031518A
Sample ID TRIP
Sample Matrix Water
Sample Date 8/9/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B	8/10/2016	8/10/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B	8/10/2016	8/10/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B	8/10/2016	8/10/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B	8/10/2016	8/10/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B	8/10/2016	8/10/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B	8/10/2016	8/10/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B	8/10/2016	8/10/2016	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B	8/10/2016	8/10/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B	8/10/2016	8/10/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B	8/10/2016	8/10/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B	8/10/2016	8/10/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B	8/10/2016	8/10/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B	8/10/2016	8/10/2016	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B	8/10/2016	8/10/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B	8/10/2016	8/10/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B	8/10/2016	8/10/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B	8/10/2016	8/10/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B	8/10/2016	8/10/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B	8/10/2016	8/10/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B	8/10/2016	8/10/2016	CJR	1
SUR - Toluene-d8	102	REC %			1	8260B	8/10/2016	8/10/2016	CJR	1
SUR - Dibromofluoromethane	101	REC %			1	8260B	8/10/2016	8/10/2016	CJR	1
SUR - 4-Bromofluorobenzene	108	REC %			1	8260B	8/10/2016	8/10/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	86	REC %			1	8260B	8/10/2016	8/10/2016	CJR	1

Project Name FMR AMERICAN QUALITY FIBERS
 Project # N1645A00

Invoice # E31518

Lab Code 5031518B
 Sample ID MW 1
 Sample Matrix Water
 Sample Date 8/9/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 220	ug/l	220	700	500	8260B		8/10/2016	CJR	1
Bromobenzene	< 240	ug/l	240	750	500	8260B		8/10/2016	CJR	1
Bromodichloromethane	< 230	ug/l	230	750	500	8260B		8/10/2016	CJR	1
Bromoform	< 230	ug/l	230	750	500	8260B		8/10/2016	CJR	1
tert-Butylbenzene	< 550	ug/l	550	1700	500	8260B		8/10/2016	CJR	1
sec-Butylbenzene	< 600	ug/l	600	1900	500	8260B		8/10/2016	CJR	1
n-Butylbenzene	< 500	ug/l	500	1650	500	8260B		8/10/2016	CJR	1
Carbon Tetrachloride	< 255	ug/l	255	800	500	8260B		8/10/2016	CJR	1
Chlorobenzene	< 230	ug/l	230	700	500	8260B		8/10/2016	CJR	1
Chloroethane	< 325	ug/l	325	1050	500	8260B		8/10/2016	CJR	4
Chloroform	< 215	ug/l	215	700	500	8260B		8/10/2016	CJR	1
Chloromethane	< 950	ug/l	950	3000	500	8260B		8/10/2016	CJR	1
2-Chlorotoluene	< 200	ug/l	200	650	500	8260B		8/10/2016	CJR	1
4-Chlorotoluene	< 315	ug/l	315	1000	500	8260B		8/10/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 700	ug/l	700	2250	500	8260B		8/10/2016	CJR	1
Dibromochloromethane	< 225	ug/l	225	700	500	8260B		8/10/2016	CJR	1
1,4-Dichlorobenzene	< 245	ug/l	245	800	500	8260B		8/10/2016	CJR	1
1,3-Dichlorobenzene	< 260	ug/l	260	800	500	8260B		8/10/2016	CJR	1
1,2-Dichlorobenzene	< 230	ug/l	230	750	500	8260B		8/10/2016	CJR	1
Dichlorodifluoromethane	< 435	ug/l	435	1400	500	8260B		8/10/2016	CJR	1
1,2-Dichloroethane	< 240	ug/l	240	750	500	8260B		8/10/2016	CJR	1
1,1-Dichloroethane	< 550	ug/l	550	1800	500	8260B		8/10/2016	CJR	1
1,1-Dichloroethene	< 325	ug/l	325	1050	500	8260B		8/10/2016	CJR	1
cis-1,2-Dichloroethene	55000	ug/l	225	700	500	8260B		8/10/2016	CJR	1
trans-1,2-Dichloroethene	< 270	ug/l	270	850	500	8260B		8/10/2016	CJR	1
1,2-Dichloropropane	< 215	ug/l	215	685	500	8260B		8/10/2016	CJR	1
2,2-Dichloropropane	< 1550	ug/l	1550	4900	500	8260B		8/10/2016	CJR	1
1,3-Dichloropropane	< 210	ug/l	210	650	500	8260B		8/10/2016	CJR	1
Di-isopropyl ether	< 220	ug/l	220	700	500	8260B		8/10/2016	CJR	1
EDB (1,2-Dibromoethane)	< 315	ug/l	315	1000	500	8260B		8/10/2016	CJR	1
Ethylbenzene	< 355	ug/l	355	1150	500	8260B		8/10/2016	CJR	1
Hexachlorobutadiene	< 1100	ug/l	1100	3550	500	8260B		8/10/2016	CJR	1
Isopropylbenzene	< 410	ug/l	410	1300	500	8260B		8/10/2016	CJR	1
p-Isopropyltoluene	< 550	ug/l	550	1750	500	8260B		8/10/2016	CJR	1
Methylene chloride	< 650	ug/l	650	2100	500	8260B		8/10/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 550	ug/l	550	1850	500	8260B		8/10/2016	CJR	1
Naphthalene	4600	ug/l	800	2600	500	8260B		8/10/2016	CJR	1
n-Propylbenzene	< 385	ug/l	385	1200	500	8260B		8/10/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 260	ug/l	260	850	500	8260B		8/10/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 240	ug/l	240	750	500	8260B		8/10/2016	CJR	1
Tetrachloroethene	1390	ug/l	245	750	500	8260B		8/10/2016	CJR	1
Toluene	< 220	ug/l	220	700	500	8260B		8/10/2016	CJR	1
1,2,4-Trichlorobenzene	< 850	ug/l	850	2800	500	8260B		8/10/2016	CJR	1
1,2,3-Trichlorobenzene	< 1350	ug/l	1350	4300	500	8260B		8/10/2016	CJR	1
1,1,1-Trichloroethane	4700	ug/l	420	1350	500	8260B		8/10/2016	CJR	1
1,1,2-Trichloroethane	< 240	ug/l	240	760	500	8260B		8/10/2016	CJR	1
Trichloroethene (TCE)	5500	ug/l	235	750	500	8260B		8/10/2016	CJR	1
Trichlorofluoromethane	< 435	ug/l	435	1400	500	8260B		8/10/2016	CJR	1
1,2,4-Trimethylbenzene	< 800	ug/l	800	2500	500	8260B		8/10/2016	CJR	1
1,3,5-Trimethylbenzene	< 750	ug/l	750	2400	500	8260B		8/10/2016	CJR	1
Vinyl Chloride	< 85	ug/l	85	270	500	8260B		8/10/2016	CJR	1
m&p-Xylene	< 1100	ug/l	1100	3450	500	8260B		8/10/2016	CJR	1
o-Xylene	520 "J"	ug/l	450	1450	500	8260B		8/10/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	91	REC %				500 8260B		8/10/2016	CJR	1
SUR - 4-Bromofluorobenzene	109	REC %				500 8260B		8/10/2016	CJR	1
SUR - Dibromofluoromethane	95	REC %				500 8260B		8/10/2016	CJR	1
SUR - Toluene-d8	100	REC %				500 8260B		8/10/2016	CJR	1

Project Name FMR AMERICAN QUALITY FIBERS
 Project # N1645A00

Invoice # E31518

Lab Code 5031518C
 Sample ID MW 6
 Sample Matrix Water
 Sample Date 8/9/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	60 "J"	ug/l	44	140	100	8260B		8/10/2016	CJR	1
Bromobenzene	< 48	ug/l	48	150	100	8260B		8/10/2016	CJR	1
Bromodichloromethane	< 46	ug/l	46	150	100	8260B		8/10/2016	CJR	1
Bromoform	< 46	ug/l	46	150	100	8260B		8/10/2016	CJR	1
tert-Butylbenzene	< 110	ug/l	110	340	100	8260B		8/10/2016	CJR	1
sec-Butylbenzene	< 120	ug/l	120	380	100	8260B		8/10/2016	CJR	1
n-Butylbenzene	< 100	ug/l	100	330	100	8260B		8/10/2016	CJR	1
Carbon Tetrachloride	< 51	ug/l	51	160	100	8260B		8/10/2016	CJR	1
Chlorobenzene	< 46	ug/l	46	140	100	8260B		8/10/2016	CJR	1
Chloroethane	196	ug/l	32.5	105	50	8260B		8/13/2016	CJR	1
Chloroform	< 43	ug/l	43	140	100	8260B		8/10/2016	CJR	1
Chloromethane	< 190	ug/l	190	600	100	8260B		8/10/2016	CJR	1
2-Chlorotoluene	< 40	ug/l	40	130	100	8260B		8/10/2016	CJR	1
4-Chlorotoluene	< 63	ug/l	63	200	100	8260B		8/10/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 140	ug/l	140	450	100	8260B		8/10/2016	CJR	1
Dibromochloromethane	< 45	ug/l	45	140	100	8260B		8/10/2016	CJR	1
1,4-Dichlorobenzene	< 49	ug/l	49	160	100	8260B		8/10/2016	CJR	1
1,3-Dichlorobenzene	< 52	ug/l	52	160	100	8260B		8/10/2016	CJR	1
1,2-Dichlorobenzene	< 46	ug/l	46	150	100	8260B		8/10/2016	CJR	1
Dichlorodifluoromethane	< 87	ug/l	87	280	100	8260B		8/10/2016	CJR	1
1,2-Dichloroethane	< 48	ug/l	48	150	100	8260B		8/10/2016	CJR	1
1,1-Dichloroethane	620	ug/l	110	360	100	8260B		8/10/2016	CJR	1
1,1-Dichloroethene	< 65	ug/l	65	210	100	8260B		8/10/2016	CJR	1
cis-1,2-Dichloroethene	3060	ug/l	45	140	100	8260B		8/10/2016	CJR	1
trans-1,2-Dichloroethene	60 "J"	ug/l	54	170	100	8260B		8/10/2016	CJR	1
1,2-Dichloropropane	< 43	ug/l	43	137	100	8260B		8/10/2016	CJR	1
2,2-Dichloropropane	< 310	ug/l	310	980	100	8260B		8/10/2016	CJR	1
1,3-Dichloropropane	< 42	ug/l	42	130	100	8260B		8/10/2016	CJR	1
Di-isopropyl ether	< 44	ug/l	44	140	100	8260B		8/10/2016	CJR	1
EDB (1,2-Dibromoethane)	< 63	ug/l	63	200	100	8260B		8/10/2016	CJR	1
Ethylbenzene	990	ug/l	71	230	100	8260B		8/10/2016	CJR	1
Hexachlorobutadiene	< 220	ug/l	220	710	100	8260B		8/10/2016	CJR	1
Isopropylbenzene	< 82	ug/l	82	260	100	8260B		8/10/2016	CJR	1
p-Isopropyltoluene	< 110	ug/l	110	350	100	8260B		8/10/2016	CJR	1
Methylene chloride	< 130	ug/l	130	420	100	8260B		8/10/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 110	ug/l	110	370	100	8260B		8/10/2016	CJR	1
Naphthalene	< 160	ug/l	160	520	100	8260B		8/10/2016	CJR	1
n-Propylbenzene	< 77	ug/l	77	240	100	8260B		8/10/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 52	ug/l	52	170	100	8260B		8/10/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 48	ug/l	48	150	100	8260B		8/10/2016	CJR	1
Tetrachloroethene	< 49	ug/l	49	150	100	8260B		8/10/2016	CJR	1
Toluene	930	ug/l	44	140	100	8260B		8/10/2016	CJR	1
1,2,4-Trichlorobenzene	< 170	ug/l	170	560	100	8260B		8/10/2016	CJR	1
1,2,3-Trichlorobenzene	< 270	ug/l	270	860	100	8260B		8/10/2016	CJR	1
1,1,1-Trichloroethane	470	ug/l	84	270	100	8260B		8/10/2016	CJR	1
1,1,2-Trichloroethane	< 48	ug/l	48	152	100	8260B		8/10/2016	CJR	1
Trichloroethene (TCE)	203	ug/l	47	150	100	8260B		8/10/2016	CJR	1
Trichlorofluoromethane	< 87	ug/l	87	280	100	8260B		8/10/2016	CJR	1
1,2,4-Trimethylbenzene	< 160	ug/l	160	500	100	8260B		8/10/2016	CJR	1
1,3,5-Trimethylbenzene	< 150	ug/l	150	480	100	8260B		8/10/2016	CJR	1
Vinyl Chloride	1580	ug/l	17	54	100	8260B		8/10/2016	CJR	1
m&p-Xylene	2300	ug/l	220	690	100	8260B		8/10/2016	CJR	1
o-Xylene	970	ug/l	90	290	100	8260B		8/10/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	90	REC %				100 8260B		8/10/2016	CJR	1
SUR - Toluene-d8	103	REC %				100 8260B		8/10/2016	CJR	1
SUR - 4-Bromofluorobenzene	102	REC %				100 8260B		8/10/2016	CJR	1
SUR - Dibromofluoromethane	95	REC %				100 8260B		8/10/2016	CJR	1

Project Name FMR AMERICAN QUALITY FIBERS
Project # N1645A00

Invoice # E31518

Lab Code 5031518D
Sample ID MW 16
Sample Matrix Water
Sample Date 8/9/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		8/10/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		8/10/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		8/10/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		8/10/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		8/10/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		8/10/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		8/10/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		8/10/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		8/10/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		8/10/2016	CJR	4
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		8/10/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		8/10/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		8/10/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		8/10/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		8/10/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		8/10/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		8/10/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		8/10/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		8/10/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		8/10/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		8/10/2016	CJR	1
1,1-Dichloroethane	21.4	ug/l	1.1	3.6	1	8260B		8/10/2016	CJR	1
1,1-Dichloroethene	2.72	ug/l	0.65	2.1	1	8260B		8/10/2016	CJR	1
cis-1,2-Dichloroethene	62	ug/l	0.45	1.4	1	8260B		8/10/2016	CJR	1
trans-1,2-Dichloroethene	4.9	ug/l	0.54	1.7	1	8260B		8/10/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		8/10/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		8/10/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		8/10/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		8/10/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		8/10/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		8/10/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		8/10/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		8/10/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		8/10/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		8/10/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		8/10/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		8/10/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		8/10/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		8/10/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		8/10/2016	CJR	1
Tetrachloroethene	1.87	ug/l	0.49	1.5	1	8260B		8/10/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		8/10/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		8/10/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		8/10/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		8/10/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		8/10/2016	CJR	1
Trichloroethene (TCE)	26	ug/l	0.47	1.5	1	8260B		8/10/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		8/10/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		8/10/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		8/10/2016	CJR	1
Vinyl Chloride	12.9	ug/l	0.17	0.54	1	8260B		8/10/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		8/10/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		8/10/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	82	REC %			1	8260B		8/10/2016	CJR	1
SUR - 4-Bromofluorobenzene	111	REC %			1	8260B		8/10/2016	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		8/10/2016	CJR	1
SUR - Toluene-d8	107	REC %			1	8260B		8/10/2016	CJR	1

Lab Code 5031518E
 Sample ID P2
 Sample Matrix Water
 Sample Date 8/9/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	29.3	ug/l	4.4	14	10	8260B		8/10/2016	CJR	1
Bromobenzene	< 4.8	ug/l	4.8	15	10	8260B		8/10/2016	CJR	1
Bromodichloromethane	< 4.6	ug/l	4.6	15	10	8260B		8/10/2016	CJR	1
Bromoform	< 4.6	ug/l	4.6	15	10	8260B		8/10/2016	CJR	1
tert-Butylbenzene	< 11	ug/l	11	34	10	8260B		8/10/2016	CJR	1
sec-Butylbenzene	< 12	ug/l	12	38	10	8260B		8/10/2016	CJR	1
n-Butylbenzene	< 10	ug/l	10	33	10	8260B		8/10/2016	CJR	1
Carbon Tetrachloride	< 5.1	ug/l	5.1	16	10	8260B		8/10/2016	CJR	1
Chlorobenzene	< 4.6	ug/l	4.6	14	10	8260B		8/10/2016	CJR	1
Chloroethane	< 6.5	ug/l	6.5	21	10	8260B		8/10/2016	CJR	4
Chloroform	< 4.3	ug/l	4.3	14	10	8260B		8/10/2016	CJR	1
Chloromethane	< 19	ug/l	19	60	10	8260B		8/10/2016	CJR	1
2-Chlorotoluene	< 4	ug/l	4	13	10	8260B		8/10/2016	CJR	1
4-Chlorotoluene	< 6.3	ug/l	6.3	20	10	8260B		8/10/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 14	ug/l	14	45	10	8260B		8/10/2016	CJR	1
Dibromochloromethane	< 4.5	ug/l	4.5	14	10	8260B		8/10/2016	CJR	1
1,4-Dichlorobenzene	< 4.9	ug/l	4.9	16	10	8260B		8/10/2016	CJR	1
1,3-Dichlorobenzene	< 5.2	ug/l	5.2	16	10	8260B		8/10/2016	CJR	1
1,2-Dichlorobenzene	< 4.6	ug/l	4.6	15	10	8260B		8/10/2016	CJR	1
Dichlorodifluoromethane	< 8.7	ug/l	8.7	28	10	8260B		8/10/2016	CJR	1
1,2-Dichloroethane	< 4.8	ug/l	4.8	15	10	8260B		8/10/2016	CJR	1
1,1-Dichloroethane	133	ug/l	11	36	10	8260B		8/10/2016	CJR	1
1,1-Dichloroethene	< 6.5	ug/l	6.5	21	10	8260B		8/10/2016	CJR	1
cis-1,2-Dichloroethene	52	ug/l	4.5	14	10	8260B		8/10/2016	CJR	1
trans-1,2-Dichloroethene	14.9 "J"	ug/l	5.4	17	10	8260B		8/10/2016	CJR	1
1,2-Dichloropropane	< 4.3	ug/l	4.3	13.7	10	8260B		8/10/2016	CJR	1
2,2-Dichloropropane	< 31	ug/l	31	98	10	8260B		8/10/2016	CJR	1
1,3-Dichloropropane	< 4.2	ug/l	4.2	13	10	8260B		8/10/2016	CJR	1
Di-isopropyl ether	< 4.4	ug/l	4.4	14	10	8260B		8/10/2016	CJR	1
EDB (1,2-Dibromoethane)	< 6.3	ug/l	6.3	20	10	8260B		8/10/2016	CJR	1
Ethylbenzene	740	ug/l	7.1	23	10	8260B		8/10/2016	CJR	1
Hexachlorobutadiene	< 22	ug/l	22	71	10	8260B		8/10/2016	CJR	1
Isopropylbenzene	26.1	ug/l	8.2	26	10	8260B		8/10/2016	CJR	1
p-Isopropyltoluene	< 11	ug/l	11	35	10	8260B		8/10/2016	CJR	1
Methylene chloride	< 13	ug/l	13	42	10	8260B		8/10/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 11	ug/l	11	37	10	8260B		8/10/2016	CJR	1
Naphthalene	< 16	ug/l	16	52	10	8260B		8/10/2016	CJR	1
n-Propylbenzene	16.3 "J"	ug/l	7.7	24	10	8260B		8/10/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 5.2	ug/l	5.2	17	10	8260B		8/10/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 4.8	ug/l	4.8	15	10	8260B		8/10/2016	CJR	1
Tetrachloroethene	< 4.9	ug/l	4.9	15	10	8260B		8/10/2016	CJR	1
Toluene	30.2	ug/l	4.4	14	10	8260B		8/10/2016	CJR	1
1,2,4-Trichlorobenzene	< 17	ug/l	17	56	10	8260B		8/10/2016	CJR	1
1,2,3-Trichlorobenzene	< 27	ug/l	27	86	10	8260B		8/10/2016	CJR	1
1,1,1-Trichloroethane	49	ug/l	8.4	27	10	8260B		8/10/2016	CJR	1
1,1,2-Trichloroethane	< 4.8	ug/l	4.8	15.2	10	8260B		8/10/2016	CJR	1
Trichloroethene (TCE)	< 4.7	ug/l	4.7	15	10	8260B		8/10/2016	CJR	1
Trichlorofluoromethane	< 8.7	ug/l	8.7	28	10	8260B		8/10/2016	CJR	1
1,2,4-Trimethylbenzene	31.3 "J"	ug/l	16	50	10	8260B		8/10/2016	CJR	1
1,3,5-Trimethylbenzene	< 15	ug/l	15	48	10	8260B		8/10/2016	CJR	1
Vinyl Chloride	21.8	ug/l	1.7	5.4	10	8260B		8/10/2016	CJR	1
m&p-Xylene	590	ug/l	22	69	10	8260B		8/10/2016	CJR	1
o-Xylene	65	ug/l	9	29	10	8260B		8/10/2016	CJR	1
SUR - Toluene-d8	102	REC %				8260B		8/10/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	87	REC %				8260B		8/10/2016	CJR	1
SUR - 4-Bromofluorobenzene	104	REC %				8260B		8/10/2016	CJR	1
SUR - Dibromofluoromethane	101	REC %				8260B		8/10/2016	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.
- 4 The continuing calibration standard not within established limits.

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

Authorized Signature



A handwritten signature in blue ink, appearing to read "Michael Steel", is written over a horizontal line.