

November 6, 2020



Wisconsin Department of Natural Resources

Attn: Mr. John Hunt
223 E. Steinfest Road
Antigo, WI 54409



Subject:

Summary Letter Report - addendum
Tomahawk Tissue/Georgia Pacific (LF #1878)
Tannery Road
Town of Bradley, Lincoln County, WI

Dear Mr. Hunt:

On August 31, 2020, REI provided a summary letter report for the above referenced site. However, while that report summarized the field work completed by REI, it did not include summary tables including all historical analytical. Please see the attached updated tables with all historical and recent analytical results combined into summary tables for all parameters as follows:

- Tables 1A through 1K - summary of VOCs analytical results
- Table 2A through 2K - summary of PAHs, metals, inorganics, and other parameters
- Table 3 summary of Dioxin analytical results for specific wells
- Table 4 summary of historical groundwater elevational data
- Tables 5A through 5C summary of field parameters

REI has also prepared and attached groundwater contour maps for the sampling events conducted on 10/30/2019 and 06/18/2020. If you have any questions or to discuss further, please contact our office at (715) 675-9784 or electronically at klassa@reiengineering.com.

Sincerely,
REI Engineering, Inc.

A handwritten signature in blue ink that reads 'Kenneth J. Lassa'.

Kenneth J. Lassa
Senior Consultant

Attachments:

- Table 1a-1K - Summary of Groundwater Analytical Results - VOCs
- Table 2A - 2K Summary of Groundwater Analytical Results - PAHs, Metals, Inorganics, and other parameters
- Table 3 - Summary of Dioxins Analytical Results
- Table 4 - Summary of Historical Groundwater Elevational Data
- Table 5A - 5C - Summary of Field Parameters
- Figure 3 - Groundwater Contour Map - 10/30/2010
- Figure 4 - Groundwater Contour Map - 06/18/2020

Groundwater Analytical Table 1A
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln County, WI

Collected By-->			Northern Environmental								REI Engineering	
Sample-->			MW1									
Date-->			10/10/00	11/07/00	04/26/01	12/04/01	05/08/02	11/20/02	10/26/04	06/03/05	10/30/19	06/18/20
VOCs (µg/L)	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Benzene	5	0.5	-	-	-	-	-	-	-	-	<0.25	<0.25
Bromobenzene	--	--	-	-	-	-	-	-	-	-	<0.24	<0.24
Bromochloromethane	--	--	-	-	-	-	-	-	-	-	<0.36	<0.36
Bromodichloromethane	0.6	0.06	-	-	-	-	-	-	-	-	<0.36	<0.36
Bromoform	4.4	0.44	-	-	-	-	-	-	-	-	<4.8	<4.8
Bromomethane	10	1	-	-	-	-	-	-	-	-	<0.97	<0.97
n-Butylbenzene	--	--	<0.40	<0.40	-	<0.40	<0.11	<0.65	<0.39	<0.61	<0.71	<0.71
sec-Butylbenzene	--	--	<0.30	<0.30	-	<0.30	<0.10	<0.62	<0.21	<0.25	<0.85	<0.85
tert-Butylbenzene	--	--	-	-	-	-	-	-	-	-	<0.30	<0.30
Carbon tetrachloride	5	0.5	-	-	-	-	-	-	-	-	<0.17	<1.9
Chlorobenzene	--	--	<0.30	<0.30	-	<0.30	<0.05	<0.58	<0.22	<0.26	<0.71	<0.79
Chloroethane	400	80	<0.50	<0.50	-	<0.50	<0.60	<0.84	<0.38	<0.37	<1.3	<1.3
Chloroform	6	0.6	<0.50	<0.50	-	<0.50	<0.10	<0.45	<0.25	<0.78	<1.3	<1.3
Chloromethane	30	3	-	-	-	-	-	-	-	-	<2.10	<2.10
2-Chlorotoluene	--	--	<0.40	<0.40	-	<0.40	<0.16	<0.66	<0.30	<0.42	<0.93	<0.93
4-Chlorotoluene	--	--	-	-	-	-	-	-	-	-	<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	-	-	-	-	-	-	-	-	<1.16	<1.16
Dibromochloromethane	60	6	-	-	-	-	-	-	-	-	<2.14	<2.14
1,2-Dibromoethane (EDB)	0.05	0.005	-	-	-	-	-	-	-	-	<0.83	<0.83
Dibromomethane	--	--	-	-	-	-	-	-	-	-	<0.94	<0.94
1,2-Dichlorobenzene	600	60	<0.30	<0.30	-	<0.30	<0.11	<0.71	<0.52	<0.69	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<0.40	<0.40	-	<0.40	<0.10	<0.58	<0.34	<0.64	<0.63	<0.63
1,4-Dichlorobenzene	75	15	<0.40	<0.40	-	<0.40	<0.31	<0.63	<0.63	<0.69	<0.94	<0.94
Dichlorodifluoromethane	1,000	200	-	-	-	-	-	-	-	-	<0.50	<0.50
1,1-Dichloroethane	850	85	-	-	-	-	-	-	-	-	<0.24	<0.27
1,2-Dichloroethane	5	0.5	-	-	-	-	-	-	-	-	<0.28	<0.28
1,1-Dichloroethene	7	0.7	-	-	-	-	-	-	-	-	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	-	-	-	-	-	-	-	-	<0.27	<0.27
trans-1,2-Dichloroethene	100	20	-	-	-	-	-	-	-	-	<1.9	<0.46
1,2-Dichloropropane	5	0.5	-	-	-	-	-	-	-	-	<0.28	<0.28
1,3-Dichloropropane	--	--	-	-	-	-	-	-	-	-	<0.83	<0.83
2,2-Dichloropropane	--	--	-	-	-	-	-	-	-	-	<2.11	<2.11
1,1-Dichloropropene	--	--	-	-	-	-	-	-	-	-	<0.62	<0.62
cis-1,3-Dichloropropene	0.4	0.04	-	-	-	-	-	-	-	-	<3.14	<3.14
trans-1,3-Dichloropropene	0.4	0.04	-	-	-	-	-	-	-	-	<4.12	<4.12
Diisopropyl ether	--	--	-	-	-	-	-	-	-	-	<1.17	<1.17
Ethylbenzene	700	140	<0.10	<0.10	-	<0.10	<0.08	<0.53	<0.56	<0.30	<0.30	<0.40
Hexachloro-1,3-butadiene	--	--	-	-	-	-	-	-	-	-	<1.10	<1.5
Isopropylbenzene (cumene)	--	--	<0.10	<0.10	-	<0.10	<0.07	<0.66	<0.19	<0.56	<0.39	<1.7
p-Isopropyltoluene	--	--	<0.20	<0.20	-	<0.20	<0.12	<0.58	<0.30	<0.50	<0.80	<0.80
Methylene Chloride	5	1	-	-	-	-	-	-	-	-	<0.58	<0.58
Methyl-tert-butyl ether (MTBE)	60	12	-	-	-	-	-	-	-	-	<1.2	<1.2
Naphthalene	100	10	<0.70	<0.70	-	<0.70	<0.10	<0.63	<0.60	<0.85	<1.2	<1.2
n-Propylbenzene	--	--	<0.30	<0.30	-	<0.30	<0.15	<0.95	<0.32	<0.56	<0.81	<0.89
Styrene	100	10	-	-	-	-	-	-	-	-	<0.47	<3.8
1,1,1,2-Tetrachloroethane	70	7	-	-	-	-	-	-	-	-	<0.27	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	-	-	-	-	-	-	-	-	<0.28	<0.28
Tetrachloroethene (PCE)	5	0.5	-	-	-	-	-	-	-	-	<0.33	<0.33
Toluene	800	160	<0.10	<0.10	-	<0.10	<0.08	<0.84	<0.57	<0.52	<0.17	<0.27
1,2,3-Trichlorobenzene	--	--	-	-	-	-	-	-	-	-	<0.63	<2.10
1,2,4-Trichlorobenzene	70	14	-	-	-	-	-	-	-	-	<0.95	<0.95
1,1,1-Trichloroethane	200	40	-	-	-	-	-	-	-	-	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	-	-	-	-	-	-	-	-	<0.55	<0.55
Trichloroethene (TCE)	5	0.5	-	-	-	-	-	-	-	-	<0.26	<0.26
Trichlorofluoromethane	--	--	-	-	-	-	-	-	-	-	<0.21	<0.21
1,2,3-Trichloropropane	60	12	-	-	-	-	-	-	-	-	<0.59	<0.59
Trimethylbenzenes (TMB) ¹	480	96	<0.50	<0.50	-	<0.50	<0.19	<1.33	<1.17	<1.25	<1.79	<1.79
Vinyl chloride	0.2	0.02	<0.40	<0.40	-	<0.40	<0.16	<0.11	<0.21	<0.16	<0.17	<0.17
Xylenes ²	2,000	400	<0.30	<0.30	-	<0.30	<0.34	<1.83	<1.74	<1.17	<0.73	<0.73

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled/Reported

-- = No Standard/Not Applicable

J = Estimated concentration at or above the Limit of Detection 'LOD' and below the Limit of Quantitation 'LOQ'

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Groundwater Analytical Table 1B
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln County, WI

Collected By-->			Northern Environmental								REI Engineering	
Sample-->			MW2									
Date-->			10/10/00	11/07/00	04/26/01	12/04/01	05/08/02	11/20/02	10/26/04	06/03/05	10/30/19	06/18/20
VOCs (µg/L)	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Benzene	5	0.5	-	-	-	-	-	-	-	<0.25	<0.25	
Bromobenzene	--	--	-	-	-	-	-	-	-	<0.24	<0.24	
Bromochloromethane	--	--	-	-	-	-	-	-	-	<0.36	<0.36	
Bromodichloromethane	0.6	0.06	-	-	-	-	-	-	-	<0.36	<0.36	
Bromoform	4.4	0.44	-	-	-	-	-	-	-	<4.0	<4.0	
Bromomethane	10	1	-	-	-	-	-	-	-	<0.97	<0.97	
n-Butylbenzene	--	--	<0.61	<0.40	<0.40	<0.40	<0.11	<0.65	<0.39	<0.61	<0.71	
sec-Butylbenzene	--	--	<0.30	<0.30	<0.30	<0.30	<0.1	<0.62	<0.21	<0.25	<0.85	
tert-Butylbenzene	--	--	-	-	-	-	-	-	-	<0.30	<0.30	
Carbon tetrachloride	5	0.5	-	-	-	-	-	-	-	<0.17	<1.1	
Chlorobenzene	--	--	<0.30	<0.30	<0.30	<0.30	<0.05	<0.58	<0.22	<0.26	<0.71	
Chloroethane	400	80	<0.50	<0.50	<0.50	<0.50	<0.60	<0.84	<0.38	<0.37	<1.3	
Chloroform	6	0.6	<0.50	<0.50	<0.50	<0.50	<0.1	<0.45	<0.25	<0.78	<1.3	
Chloromethane	30	3	-	-	-	-	-	-	-	<2.2	<2.2	
2-Chlorotoluene	--	--	<0.40	<0.40	<0.40	<0.40	<0.16	<0.66	<0.30	<0.42	<0.93	
4-Chlorotoluene	--	--	-	-	-	-	-	-	-	<0.76	<0.76	
1,2-Dibromo-3-chloropropane	0.2	0.02	-	-	-	-	-	-	-	<1.8	<1.8	
Dibromochloromethane	60	6	-	-	-	-	-	-	-	<2.6	<2.6	
1,2-Dibromoethane (EDB)	0.05	0.005	-	-	-	-	-	-	-	<0.83	<0.83	
Dibromomethane	--	--	-	-	-	-	-	-	-	<0.94	<0.94	
1,2-Dichlorobenzene	600	60	<0.30	<0.30	<0.30	<0.30	<0.11	<0.71	<0.52	<0.86	<0.71	
1,3-Dichlorobenzene	600	120	<0.40	<0.40	<0.40	<0.40	<0.10	<0.58	<0.34	<0.64	<0.63	
1,4-Dichlorobenzene	75	15	<0.40	<0.40	<0.40	<0.40	<0.31	<0.63	<0.63	<0.69	<0.94	
Dichlorodifluoromethane	1,000	200	-	-	-	-	-	-	-	<0.50	<0.50	
1,1-Dichloroethane	850	85	-	-	-	-	-	-	-	<0.24	<0.27	
1,2-Dichloroethane	5	0.5	-	-	-	-	-	-	-	<0.28	<0.28	
1,1-Dichloroethene	7	0.7	-	-	-	-	-	-	-	<0.24	<0.24	
cis-1,2-Dichloroethene	70	7	-	-	-	-	-	-	-	<0.27	<0.27	
trans-1,2-Dichloroethene	100	20	-	-	-	-	-	-	-	<1.1	<0.46	
1,2-Dichloropropane	5	0.5	-	-	-	-	-	-	-	<0.28	<0.28	
1,3-Dichloropropane	--	--	-	-	-	-	-	-	-	<0.83	<0.83	
2,2-Dichloropropane	--	--	-	-	-	-	-	-	-	<2.3	<2.3	
1,1-Dichloropropene	--	--	-	-	-	-	-	-	-	<0.54	<0.54	
cis-1,3-Dichloropropene	0.4	0.04	-	-	-	-	-	-	-	<3.6	<3.6	
trans-1,3-Dichloropropene	0.4	0.04	-	-	-	-	-	-	-	<4.4	<4.4	
Diisopropyl ether	--	--	-	-	-	-	-	-	-	<1.9	<1.9	
Ethylbenzene	700	140	<0.10	<0.10	<0.10	<0.10	<0.08	<0.53	<0.56	<0.30	<0.22	
Hexachloro-1,3-butadiene	--	--	-	-	-	-	-	-	-	<1.2	<1.5	
Isopropylbenzene (cumene)	--	--	<0.10	<0.10	<0.10	<0.10	<0.07	<0.66	<0.19	<0.56	<0.39	
p-Isopropyltoluene	--	--	<0.20	<0.20	<0.20	<0.20	<0.12	<0.58	<0.30	<0.50	<0.80	
Methylene Chloride	5	1	-	-	-	-	-	-	-	<0.58	<0.58	
Methyl-tert-butyl ether (MTBE)	60	12	-	-	-	-	-	-	-	<1.2	<1.2	
Naphthalene	100	10	<0.70	<0.70	<0.71	<0.70	<0.10	<0.63	<0.60	<0.85	<1.2	
n-Propylbenzene	--	--	<0.30	<0.30	<0.30	<0.30	<0.15	<0.95	<0.32	<0.56	<0.81	
Styrene	100	10	-	-	-	-	-	-	-	<0.47	<3.0	
1,1,1,2-Tetrachloroethane	70	7	-	-	-	-	-	-	-	<0.27	<0.27	
1,1,2,2-Tetrachloroethane	0.2	0.02	-	-	-	-	-	-	-	<0.28	<0.28	
Tetrachloroethene (PCE)	5	0.5	-	-	-	-	-	-	-	<0.33	<0.33	
Toluene	800	160	<0.10	<0.10	<0.10	<0.10	<0.08	<0.84	<0.57	<0.52	<0.17	
1,2,3-Trichlorobenzene	--	--	-	-	-	-	-	-	-	<0.63	<2.2	
1,2,4-Trichlorobenzene	70	14	-	-	-	-	-	-	-	<0.95	<0.95	
1,1,1-Trichloroethane	200	40	-	-	-	-	-	-	-	<0.24	<0.24	
1,1,2-Trichloroethane	5	0.5	-	-	-	-	-	-	-	<0.55	<0.55	
Trichloroethene (TCE)	5	0.5	-	-	-	-	-	-	-	<0.26	<0.26	
Trichlorofluoromethane	--	--	-	-	-	-	-	-	-	<0.21	<0.21	
1,2,3-Trichloropropane	60	12	-	-	-	-	-	-	-	<0.59	<0.59	
Trimethylbenzenes (TMB) ¹	480	96	<0.50	<0.50	<0.50	<0.50	<0.19	<1.33	<1.17	<1.15	<1.71	
Vinyl chloride	0.2	0.02	7.5	0.94	<0.40	6.3	<0.16	0.72	0.55J	0.47J	0.38J	
Xylenes ²	2,000	400	<0.30	<0.30	<0.30	<0.30	<0.34	<1.83	<1.74	<1.17	<0.73	

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled/Reported

-- = No Standard/Not Applicable

J = Estimated concentration at or above the Limit of Detection 'LOD' and below the Limit of Quantitation 'LOQ'

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Groundwater Analytical Table 1C
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln County, WI

Collected By-->			Northern Environmental								REI Engineering	
Sample-->			MW3									
Date-->			10/10/00	11/07/00	04/26/01	12/04/01	05/08/02	11/20/02	10/26/04	06/03/05	10/30/19	06/18/20
VOCs (µg/L)	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Benzene	5	0.5	-	-	-	-	-	-	-	-	<0.25	<0.25
Bromobenzene	--	--	-	-	-	-	-	-	-	-	<0.24	<0.24
Bromochloromethane	--	--	-	-	-	-	-	-	-	-	<0.36	<0.36
Bromodichloromethane	0.6	0.06	-	-	-	-	-	-	-	-	<0.36	<0.36
Bromoform	4.4	0.44	-	-	-	-	-	-	-	-	<4.0	<4.0
Bromomethane	10	1	-	-	-	-	-	-	-	-	<0.97	<0.97
n-Butylbenzene	--	--	<0.40	<0.40	-	<0.40	<0.11	<0.65	<0.39	<0.61	<0.71	<0.71
sec-Butylbenzene	--	--	<0.30	<0.30	-	<0.30	<0.1	<0.62	<0.21	<0.25	1.2J	<0.85
tert-Butylbenzene	--	--	-	-	-	-	-	-	-	-	<0.30	<0.30
Carbon tetrachloride	5	0.5	-	-	-	-	-	-	-	-	<0.17	<1.1
Chlorobenzene	--	--	2.4	2.5	-	0.85	5.8	7.3	1.5	<0.26	10.9	15.7
Chloroethane	400	80	<0.50	<0.50	-	<0.50	<0.60	<0.84	<0.38	<0.37	<1.3	<1.3
Chloroform	6	0.6	<0.50	<0.50	-	<0.50	<0.1	<0.45	<0.25	<0.78	<1.3	<1.3
Chloromethane	30	3	-	-	-	-	-	-	-	-	<2.2	<2.2
2-Chlorotoluene	--	--	<0.40	<0.40	-	<0.40	<0.16	<0.66	<0.30	<0.42	6.1	5.4
4-Chlorotoluene	--	--	-	-	-	-	-	-	-	-	<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	-	-	-	-	-	-	-	-	<1.8	<1.8
Dibromochloromethane	60	6	-	-	-	-	-	-	-	-	<2.6	<2.6
1,2-Dibromoethane (EDB)	0.05	0.005	-	-	-	-	-	-	-	-	<0.83	<0.83
Dibromomethane	--	--	-	-	-	-	-	-	-	-	<0.94	<0.94
1,2-Dichlorobenzene	600	60	<0.30	<0.30	-	<0.30	0.21J	<0.71	<0.52	<0.86	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<0.40	<0.40	-	<0.40	0.37	0.81J	<0.34	<0.64	1.4J	1.2J
1,4-Dichlorobenzene	75	15	0.57	<0.40	-	<0.40	2.2	3.0	0.68J	<0.69	7.4	6.6
Dichlorodifluoromethane	1,000	200	-	-	-	-	-	-	-	-	<0.50	<0.50
1,1-Dichloroethane	850	85	-	-	-	-	-	-	-	-	<0.24	<0.27
1,2-Dichloroethane	5	0.5	-	-	-	-	-	-	-	-	<0.28	<0.28
1,1-Dichloroethene	7	0.7	-	-	-	-	-	-	-	-	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	-	-	-	-	-	-	-	-	0.40J	0.54J
trans-1,2-Dichloroethene	100	20	-	-	-	-	-	-	-	-	<1.1	<0.46
1,2-Dichloropropane	5	0.5	-	-	-	-	-	-	-	-	<0.28	<0.28
1,3-Dichloropropane	--	--	-	-	-	-	-	-	-	-	<0.83	<0.83
2,2-Dichloropropane	--	--	-	-	-	-	-	-	-	-	<2.3	<2.3
1,1-Dichloropropene	--	--	-	-	-	-	-	-	-	-	<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	-	-	-	-	-	-	-	-	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	-	-	-	-	-	-	-	-	<4.4	<4.4
Diisopropyl ether	--	--	-	-	-	-	-	-	-	-	<1.9	<1.9
Ethylbenzene	700	140	<0.10	<0.10	-	<0.10	0.45	<0.53	<0.56	<0.30	<0.22	3.2
Hexachloro-1,3-butadiene	--	--	-	-	-	-	-	-	-	-	<1.2	<1.5
Isopropylbenzene (cumene)	--	--	<0.10	<0.10	-	<0.10	0.58	<0.66	<0.19	<0.56	1.1J	<1.7
p-Isopropyltoluene	--	--	<0.20	<0.20	-	<0.20	<0.12	<0.58	<0.30	<0.50	<0.80	<0.80
Methylene Chloride	5	1	-	-	-	-	-	-	-	-	<0.58	<0.58
Methyl-tert-butyl ether (MTBE)	60	12	-	-	-	-	-	-	-	-	<1.2	<1.2
Naphthalene	100	10	<0.70	<0.70	-	<0.70	0.45	3.9	<0.60	<0.85	4.5J	47.2
n-Propylbenzene	--	--	<0.30	<0.30	-	<0.30	<0.15	<0.95	<0.32	<0.56	<0.81	<0.81
Styrene	100	10	-	-	-	-	-	-	-	-	<0.47	<3.0
1,1,1,2-Tetrachloroethane	70	7	-	-	-	-	-	-	-	-	<0.27	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	-	-	-	-	-	-	-	-	<0.28	<0.28
Tetrachloroethene (PCE)	5	0.5	-	-	-	-	-	-	-	-	<0.33	<0.33
Toluene	800	160	<0.10	<0.10	-	<0.10	<0.08	5.1	<0.57	<0.52	0.21J	4.4
1,2,3-Trichlorobenzene	--	--	-	-	-	-	-	-	-	-	<0.63	<2.2
1,2,4-Trichlorobenzene	70	14	-	-	-	-	-	-	-	-	<0.95	<0.95
1,1,1-Trichloroethane	200	40	-	-	-	-	-	-	-	-	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	-	-	-	-	-	-	-	-	<0.55	<0.55
Trichloroethene (TCE)	5	0.5	-	-	-	-	-	-	-	-	<0.26	<0.26
Trichlorofluoromethane	--	--	-	-	-	-	-	-	-	-	<0.21	<0.21
1,2,3-Trichloropropane	60	12	-	-	-	-	-	-	-	-	<0.59	<0.59
Trimethylbenzenes (TMB) ¹	480	96	<0.50	<0.50	-	<0.50	<0.19	0.75J	<1.17	<1.15	<1.71	3.04J
Vinyl chloride	0.2	0.02	<0.40	<0.40	-	<0.40	<0.16	<0.11	<0.21	<0.16	<0.17	<0.17
Xylenes ²	2,000	400	<0.30	<0.30	-	<0.30	0.83J	<1.83	<1.74	<1.17	1.2	7.7

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled/Reported

-- = No Standard/Not Applicable

J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Groundwater Analytical Table 1D
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln County, WI

Collected By-->			Northern Environmental								REI Engineering	
Sample-->			MW4									
Date-->			10/10/00	11/07/00	04/26/01	12/04/01	05/08/02	11/20/02	10/26/04	06/03/05	10/30/19	06/18/20
VOCs (µg/L)	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Benzene	5	0.5	-	-	-	-	-	-	-	-	<0.25	<0.25
Bromobenzene	--	--	-	-	-	-	-	-	-	-	<0.24	<0.24
Bromochloromethane	--	--	-	-	-	-	-	-	-	-	<0.36	<0.36
Bromodichloromethane	0.6	0.06	-	-	-	-	-	-	-	-	<0.36	<0.36
Bromoform	4.4	0.44	-	-	-	-	-	-	-	-	<4.0	<4.0
Bromomethane	10	1	-	-	-	-	-	-	-	-	<0.97	<0.97
n-Butylbenzene	--	--	10	11	6.8	7.7	1.4	<0.65	1.4	2.0	<0.71	<0.71
sec-Butylbenzene	--	--	1	1.2	0.87	1.4	0.77	<0.62	0.87	1.1	1.2J	<0.85
tert-Butylbenzene	--	--	-	-	-	-	-	-	-	-	<0.30	<0.30
Carbon tetrachloride	5	0.5	-	-	-	-	-	-	-	-	<0.17	<0.17
Chlorobenzene	--	--	28	34	23	19	19	18	7.4	27	10.9	15.7
Chloroethane	400	80	<0.50	<0.50	<0.50	<0.50	<0.60	<0.84	<0.38	<0.37	<1.3	<1.3
Chloroform	6	0.6	<0.50	<0.50	<0.50	<0.50	<0.10	<0.45	<0.25	<0.78	<1.3	<1.3
Chloromethane	30	3	-	-	-	-	-	-	-	-	<2.2	<2.2
2-Chlorotoluene	--	--	1.2	<0.40	2.1	<0.40	<0.16	1.1J	<0.30	<0.42	6.1	5.4
4-Chlorotoluene	--	--	-	-	-	-	-	-	-	-	<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	-	-	-	-	-	-	-	-	<1.8	<1.8
Dibromochloromethane	60	6	-	-	-	-	-	-	-	-	<2.6	<2.6
1,2-Dibromoethane (EDB)	0.05	0.005	-	-	-	-	-	-	-	-	<0.83	<0.83
Dibromomethane	--	--	-	-	-	-	-	-	-	-	<0.94	<0.94
1,2-Dichlorobenzene	600	60	2.6	2.6	<0.30	<0.30	<0.11	<0.71	<0.52	<0.86	<0.71	<0.71
1,3-Dichlorobenzene	600	120	4.5	4.9	2.3	3.4	2.3	2.6	1.8	4.1	1.4J	1.2J
1,4-Dichlorobenzene	75	15	19	21	13	16	11	13.0	6.7	19	7.4	6.6
Dichlorodifluoromethane	1,000	200	-	-	-	-	-	-	-	-	<0.50	<0.50
1,1-Dichloroethane	850	85	-	-	-	-	-	-	-	-	<0.24	<0.27
1,2-Dichloroethane	5	0.5	-	-	-	-	-	-	-	-	<0.28	<0.28
1,1-Dichloroethene	7	0.7	-	-	-	-	-	-	-	-	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	-	-	-	-	-	-	-	-	0.40J	0.54J
trans-1,2-Dichloroethene	100	20	-	-	-	-	-	-	-	-	<1.1	<0.46
1,2-Dichloropropane	5	0.5	-	-	-	-	-	-	-	-	<0.28	<0.28
1,3-Dichloropropane	--	--	-	-	-	-	-	-	-	-	<0.83	<0.83
2,2-Dichloropropane	--	--	-	-	-	-	-	-	-	-	<2.3	<2.3
1,1-Dichloropropene	--	--	-	-	-	-	-	-	-	-	<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	-	-	-	-	-	-	-	-	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	-	-	-	-	-	-	-	-	<4.4	<4.4
Diisopropyl ether	--	--	-	-	-	-	-	-	-	-	<1.9	<1.9
Ethylbenzene	700	140	<0.10	<0.10	0.32	1.2	0.52	<0.53	<0.56	0.41J	<0.22	3.2
Hexachloro-1,3-butadiene	--	--	-	-	-	-	-	-	-	-	<1.2	<1.5
Isopropylbenzene (cumene)	--	--	3.9	3.8	6.0	4.8	3.6	1.4J	4.9	4.0	1.1J	<1.7
p-Isopropyltoluene	--	--	1.9	2.1	1.7	2.0	1.1	<0.58	0.85J	1.9	<0.80	<0.80
Methylene Chloride	5	1	-	-	-	-	-	-	-	-	<0.58	<0.58
Methyl-tert-butyl ether (MTBE)	60	12	-	-	-	-	-	-	-	-	<1.2	<1.2
Naphthalene	100	10	23	21	14	14	7.1	6.9	2.1	8.3	4.5J	47.2
n-Propylbenzene	--	--	5.8	5.5	11	8.7	6.9	2.2J	13	7.3	<0.81	<0.81
Styrene	100	10	-	-	-	-	-	-	-	-	<0.47	<3.0
1,1,1,2-Tetrachloroethane	70	7	-	-	-	-	-	-	-	-	<0.27	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	-	-	-	-	-	-	-	-	<0.28	<0.28
Tetrachloroethene (PCE)	5	0.5	-	-	-	-	-	-	-	-	<0.33	<0.33
Toluene	800	160	1.6	1.6	5.4	4.5	10	<0.84	3.5	2.5	0.21J	4.4
1,2,3-Trichlorobenzene	--	--	-	-	-	-	-	-	-	-	<0.63	<2.2
1,2,4-Trichlorobenzene	70	14	-	-	-	-	-	-	-	-	<0.95	<0.95
1,1,1-Trichloroethane	200	40	-	-	-	-	-	-	-	-	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	-	-	-	-	-	-	-	-	<0.55	<0.55
Trichloroethene (TCE)	5	0.5	-	-	-	-	-	-	-	-	<0.26	<0.26
Trichlorofluoromethane	--	--	-	-	-	-	-	-	-	-	<0.21	<0.21
1,2,3-Trichloropropane	60	12	-	-	-	-	-	-	-	-	<0.59	<0.59
Trimethylbenzenes (TMB) ¹	480	96	51	49	67	51	46	25.1	43.9	50	<1.71	3.04J
Vinyl chloride	0.2	0.02	<0.40	<0.40	<0.40	<0.40	<0.16	<0.11	<0.21	<0.16	<0.17	<0.17
Xylenes ²	2,000	400	13.9	13.3	15.2	12.6	11.6	4.6J	3.8	12.3	1.2	7.7

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

-- = Not Sampled/Reported

- = No Standard/Not Applicable

J = Estimated concentration at or above the Limit of Detection 'LOD' and below the Limit of Quantitation 'LOQ'

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Groundwater Analytical Table 1E
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln County, WI

Collected By-->			Northern Environmental								REI Engineering	
Sample-->			MW4A									
Date-->			10/10/00	11/07/00	04/26/01	12/04/01	05/08/02	11/20/02	10/26/04	06/03/05	10/30/19	06/18/20
VOCs (µg/L)	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Benzene	5	0.5	-	-	-	-	-	-	-	-	<0.25	<0.25
Bromobenzene	--	--	-	-	-	-	-	-	-	-	<0.24	<0.24
Bromochloromethane	--	--	-	-	-	-	-	-	-	-	<0.36	<0.36
Bromodichloromethane	0.6	0.06	-	-	-	-	-	-	-	-	<0.36	<0.36
Bromoform	4.4	0.44	-	-	-	-	-	-	-	-	<4.0	<4.0
Bromomethane	10	1	-	-	-	-	-	-	-	-	<0.97	<0.97
n-Butylbenzene	--	--	5.9	5.7	-	3.5	<0.11	<0.65	<0.39	<0.61	<0.71	<0.71
sec-Butylbenzene	--	--	0.68	0.74	-	<0.30	<0.1	<0.62	<0.21	<0.25	<0.85	<0.85
tert-Butylbenzene	--	--	-	-	-	-	-	-	-	-	<0.30	<0.30
Carbon tetrachloride	5	0.5	-	-	-	-	-	-	-	-	<0.17	<0.17
Chlorobenzene	--	--	1.2	2.3	-	1.4	<0.05	2.1	<0.22	<0.26	<0.71	<0.71
Chloroethane	400	80	<0.50	<0.50	-	1.1	<0.60	<0.84	<0.38	<0.37	<1.3	<1.3
Chloroform	6	0.6	<0.50	<0.50	-	<0.50	<0.10	<0.45	<0.25	<0.78	<1.3	<1.3
Chloromethane	30	3	-	-	-	-	-	-	-	-	<2.2	<2.2
2-Chlorotoluene	--	--	<0.40	<0.40	-	<0.40	<0.16	<0.66	<0.30	<0.42	<0.93	<0.93
4-Chlorotoluene	--	--	-	-	-	-	-	-	-	-	<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	-	-	-	-	-	-	-	-	<1.8	<1.8
Dibromochloromethane	60	6	-	-	-	-	-	-	-	-	<2.6	<2.6
1,2-Dibromoethane (EDB)	0.05	0.005	-	-	-	-	-	-	-	-	<0.83	<0.83
Dibromomethane	--	--	-	-	-	-	-	-	-	-	<0.94	<0.94
1,2-Dichlorobenzene	600	60	110	1.2	-	0.92	<0.11	<0.71	<0.52	<0.86	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<0.40	<0.40	-	<0.40	0.22]	<0.58	<0.34	<0.64	<0.63	<0.63
1,4-Dichlorobenzene	75	15	1.6	1.6	-	1.1	0.82]	1.2]	<0.63	<0.69	<0.94	<0.94
Dichlorodifluoromethane	1,000	200	-	-	-	-	-	-	-	-	<0.50	<0.50
1,1-Dichloroethane	850	85	-	-	-	-	-	-	-	-	<0.24	<0.27
1,2-Dichloroethane	5	0.5	-	-	-	-	-	-	-	-	<0.28	<0.28
1,1-Dichloroethene	7	0.7	-	-	-	-	-	-	-	-	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	-	-	-	-	-	-	-	-	<0.27	<0.27
trans-1,2-Dichloroethene	100	20	-	-	-	-	-	-	-	-	<1.1	<0.46
1,2-Dichloropropane	5	0.5	-	-	-	-	-	-	-	-	<0.28	<0.28
1,3-Dichloropropane	--	--	-	-	-	-	-	-	-	-	<0.83	<0.83
2,2-Dichloropropane	--	--	-	-	-	-	-	-	-	-	<2.3	<2.3
1,1-Dichloropropene	--	--	-	-	-	-	-	-	-	-	<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	-	-	-	-	-	-	-	-	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	-	-	-	-	-	-	-	-	<4.4	<4.4
Diisopropyl ether	--	--	-	-	-	-	-	-	-	-	<1.9	<1.9
Ethylbenzene	700	140	<0.10	<0.10	-	<0.10	<0.08	<0.53	<0.56	<0.30	<0.22	<0.32
Hexachloro-1,3-butadiene	--	--	-	-	-	-	-	-	-	-	<1.2	<1.5
Isopropylbenzene (cumene)	--	--	1.2	1.3	-	<0.10	<0.07	<0.66	<0.19	<0.56	<0.39	<1.7
p-Isopropyltoluene	--	--	<0.20	<0.20	-	<0.20	<0.12	<0.58	<0.30	<0.50	<0.80	<0.80
Methylene Chloride	5	1	-	-	-	-	-	-	-	-	<0.58	<0.58
Methyl-tert-butyl ether (MTBE)	60	12	-	-	-	-	-	-	-	-	<1.2	<1.2
Naphthalene	100	10	2.0]	0.77]	-	<0.70	<0.10	2.2	<0.60	<0.85	<1.2	<1.2
n-Propylbenzene	--	--	0.31	0.41	-	<0.30	<0.15	<0.95	<0.32	<0.56	<0.81	<0.81
Styrene	100	10	-	-	-	-	-	-	-	-	<0.47	<3.0
1,1,1,2-Tetrachloroethane	70	7	-	-	-	-	-	-	-	-	<0.27	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	-	-	-	-	-	-	-	-	<0.28	<0.28
Tetrachloroethene (PCE)	5	0.5	-	-	-	-	-	-	-	-	<0.33	<0.33
Toluene	800	160	<0.10	<0.10	-	<0.10	<0.08	<0.84	<0.57	<0.52	<0.17	<0.27
1,2,3-Trichlorobenzene	--	--	-	-	-	-	-	-	-	-	<0.63	<2.2
1,2,4-Trichlorobenzene	70	14	-	-	-	-	-	-	-	-	<0.95	<0.95
1,1,1-Trichloroethane	200	40	-	-	-	-	-	-	-	-	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	-	-	-	-	-	-	-	-	<0.55	<0.55
Trichloroethene (TCE)	5	0.5	-	-	-	-	-	-	-	-	<0.26	<0.26
Trichlorofluoromethane	--	--	-	-	-	-	-	-	-	-	<0.21	<0.21
1,2,3-Trichloropropane	60	12	-	-	-	-	-	-	-	-	<0.59	<0.59
Trimethylbenzenes (TMB) ¹	480	96	0.41	0.31	-	<0.50	<0.19	<1.33	<1.17	<1.15	<1.71	<1.71
Vinyl chloride	0.2	0.02	<0.40	<0.40	-	<0.40	<0.16	<0.11	<0.21	<0.16	<0.17	<0.17
Xylenes ²	2,000	400	<0.30	<0.30	-	<0.30	<0.34	<1.83	<1.74	<1.17	<0.73	<0.73

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled/Reported

-- = No Standard/Not Applicable

J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Groundwater Analytical Table 1F
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln County, WI

Collected By-->			Northern Environmental								REI Engineering	
Sample-->			MW5									
Date-->			10/10/00	11/07/00	04/26/01	12/04/01	05/08/02	11/20/02	10/26/04	06/03/05	10/30/19	06/18/20
VOCs (µg/L)	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Benzene	5	0.5	-	-	-	-	-	-	-	-	<0.25	<0.25
Bromobenzene	--	--	-	-	-	-	-	-	-	-	<0.24	<0.24
Bromochloromethane	--	--	-	-	-	-	-	-	-	-	<0.36	<0.36
Bromodichloromethane	0.6	0.06	-	-	-	-	-	-	-	-	<0.36	<0.36
Bromoform	4.4	0.44	-	-	-	-	-	-	-	-	<4.0	<4.0
Bromomethane	10	1	-	-	-	-	-	-	-	-	<0.97	<0.97
n-Butylbenzene	--	--	4.7	5.6	1.4	2	<0.11	<0.65	<0.39	<0.61	<0.71	<0.71
sec-Butylbenzene	--	--	0.64	0.87	<0.30	<0.30	<0.10	<0.62	<0.21	<0.25	<0.85	<0.85
tert-Butylbenzene	--	--	-	-	-	-	-	-	-	-	<0.30	<0.30
Carbon tetrachloride	5	0.5	-	-	-	-	-	-	-	-	<0.17	<0.17
Chlorobenzene	--	--	1.7	3.0	<0.30	<0.30	<0.05	<0.58	<0.22	<0.26	<0.71	0.95J
Chloroethane	400	80	<0.50	<0.50	<0.50	<0.50	<0.60	<0.84	<0.38	<0.37	<1.3	<1.3
Chloroform	6	0.6	<0.50	<0.50	<0.50	<0.50	<0.10	<0.45	<0.25	<0.78	<1.3	<1.3
Chloromethane	30	3	-	-	-	-	-	-	-	-	<2.2	<2.2
2-Chlorotoluene	--	--	<0.40	<0.40	<0.40	<0.40	<0.16	<0.66	<0.30	<0.42	<0.93	<0.93
4-Chlorotoluene	--	--	-	-	-	-	-	-	-	-	<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	-	-	-	-	-	-	-	-	<1.8	<1.8
Dibromochloromethane	60	6	-	-	-	-	-	-	-	-	<2.6	<2.6
1,2-Dibromoethane (EDB)	0.05	0.005	-	-	-	-	-	-	-	-	<0.83	<0.83
Dibromomethane	--	--	-	-	-	-	-	-	-	-	<0.94	<0.94
1,2-Dichlorobenzene	600	60	0.92	1.3	<0.30	<0.30	<0.11	<0.71	<0.52	<0.86	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<0.40	<0.40	<0.40	<0.40	<0.1	<0.58	<0.34	<0.64	<0.63	<0.63
1,4-Dichlorobenzene	75	15	2.2	2.3	<0.40	1.3	<0.31	<0.63	<0.63	<0.69	<0.94	1.3J
Dichlorodifluoromethane	1,000	200	-	-	-	-	-	-	-	-	<0.50	<0.50
1,1-Dichloroethane	850	85	-	-	-	-	-	-	-	-	<0.24	<0.27
1,2-Dichloroethane	5	0.5	-	-	-	-	-	-	-	-	<0.28	<0.28
1,1-Dichloroethene	7	0.7	-	-	-	-	-	-	-	-	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	-	-	-	-	-	-	-	-	<0.27	<0.27
trans-1,2-Dichloroethene	100	20	-	-	-	-	-	-	-	-	<1.1	<0.46
1,2-Dichloropropane	5	0.5	-	-	-	-	-	-	-	-	<0.28	<0.28
1,3-Dichloropropane	--	--	-	-	-	-	-	-	-	-	<0.83	<0.83
2,2-Dichloropropane	--	--	-	-	-	-	-	-	-	-	<2.3	<2.3
1,1-Dichloropropene	--	--	-	-	-	-	-	-	-	-	<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	-	-	-	-	-	-	-	-	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	-	-	-	-	-	-	-	-	<4.4	<4.4
Diisopropyl ether	--	--	-	-	-	-	-	-	-	-	<1.9	<1.9
Ethylbenzene	700	140	<0.10	<0.10	<0.10	<0.10	<0.08	<0.53	<0.56	<0.30	<0.22	<0.32
Hexachloro-1,3-butadiene	--	--	-	-	-	-	-	-	-	-	<1.2	<1.5
Isopropylbenzene (cumene)	--	--	0.82	1.0	<0.10	<0.10	<0.07	<0.66	<0.19	<0.56	<0.39	<1.7
p-Isopropyltoluene	--	--	<0.20	<0.20	<0.20	<0.20	<0.12	<0.58	<0.30	<0.50	<0.80	<0.80
Methylene Chloride	5	1	-	-	-	-	-	-	-	-	<0.58	<0.58
Methyl-tert-butyl ether (MTBE)	60	12	-	-	-	-	-	-	-	-	<1.2	<1.2
Naphthalene	100	10	6.1	5.5	1.7	<0.70	<0.10	<0.63	<0.60	<0.85	<1.2	<1.2
n-Propylbenzene	--	--	<0.30	0.34	<0.30	<0.30	<0.15	<0.95	<0.32	<0.56	<0.81	<0.81
Styrene	100	10	-	-	-	-	-	-	-	-	<0.47	<3.0
1,1,1,2-Tetrachloroethane	70	7	-	-	-	-	-	-	-	-	<0.27	<0.27
1,1,1,2,2-Tetrachloroethane	0.2	0.02	-	-	-	-	-	-	-	-	<0.28	<0.28
Tetrachloroethene (PCE)	5	0.5	-	-	-	-	-	-	-	-	<0.33	<0.33
Toluene	800	160	<0.10	0.35	<0.10	<0.10	<0.08	<0.84	<0.57	<0.52	<0.17	<0.27
1,2,3-Trichlorobenzene	--	--	-	-	-	-	-	-	-	-	<0.63	<2.2
1,2,4-Trichlorobenzene	70	14	-	-	-	-	-	-	-	-	<0.95	<0.95
1,1,1-Trichloroethane	200	40	-	-	-	-	-	-	-	-	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	-	-	-	-	-	-	-	-	<0.55	<0.55
Trichloroethene (TCE)	5	0.5	-	-	-	-	-	-	-	-	<0.26	<0.26
Trichlorofluoromethane	--	--	-	-	-	-	-	-	-	-	<0.21	<0.21
1,2,3-Trichloropropane	60	12	-	-	-	-	-	-	-	-	<0.59	<0.59
Trimethylbenzenes (TMB) ¹	480	96	3.68	6.0	1.7	0.80	<0.19	<1.33	<1.17	<1.15	<1.71	<1.71
Vinyl chloride	0.2	0.02	2.7	<0.40	<0.40	<0.40	<0.16	<0.11	0.54J	<0.16	<0.17	1.7
Xylenes ²	2,000	400	<0.30	<0.30	<0.30	<0.30	<0.34	<1.83	<1.74	<1.17	<0.73	<0.73

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

-- = Not Sampled/Reported

- = No Standard/Not Applicable

J = Estimated concentration at or above the Limit of Detection 'LOD' and below the Limit of Quantitation 'LOQ'

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Groundwater Analytical Table 1G
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln County, WI

Collected By-->			Northern Environmental								REI Engineering	
Sample-->			MW6									
Date-->			10/10/00	11/07/00	04/26/01	12/04/01	05/08/02	11/20/02	10/26/04	06/03/05	10/30/19	06/18/20
VOCs (µg/L)	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Benzene	5	0.5	-	-	-	-	-	-	-	-	<0.25	<0.25
Bromobenzene	--	--	-	-	-	-	-	-	-	-	<0.24	<0.24
Bromochloromethane	--	--	-	-	-	-	-	-	-	-	<0.36	<0.36
Bromodichloromethane	0.6	0.06	-	-	-	-	-	-	-	-	<0.36	<0.36
Bromoform	4.4	0.44	-	-	-	-	-	-	-	-	<4.0	<4.0
Bromomethane	10	1	-	-	-	-	-	-	-	-	<0.97	<0.97
n-Butylbenzene	--	--	1.3	0.78	-	<0.40	0.55	<0.65	<0.39	<0.61	1.2J	<0.71
sec-Butylbenzene	--	--	0.54	<0.30	-	<0.30	0.67	<0.62	<0.21	<0.25	<0.85	<0.85
tert-Butylbenzene	--	--	-	-	-	-	-	-	-	-	<0.30	<0.30
Carbon tetrachloride	5	0.5	-	-	-	-	-	-	-	-	<0.17	<0.17
Chlorobenzene	--	--	<0.30	<0.30	-	<0.30	0.85	<0.58	<0.22	<0.26	<0.71	<0.71
Chloroethane	400	80	<0.50	<0.50	-	<0.50	<0.60	<0.84	<0.38	<0.37	<1.3	<1.3
Chloroform	6	0.6	<0.50	<0.50	-	<0.50	<0.10	<0.45	<0.25	<0.78	<1.3	<1.3
Chloromethane	30	3	-	-	-	-	-	-	-	-	<2.2	<2.2
2-Chlorotoluene	--	--	<0.40	<0.40	-	<0.40	<0.16	<0.66	<0.30	<0.42	<0.93	<0.93
4-Chlorotoluene	--	--	-	-	-	-	-	-	-	-	<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	-	-	-	-	-	-	-	-	<1.8	<1.8
Dibromochloromethane	60	6	-	-	-	-	-	-	-	-	<2.6	<2.6
1,2-Dibromoethane (EDB)	0.05	0.005	-	-	-	-	-	-	-	-	<0.83	<0.83
Dibromomethane	--	--	-	-	-	-	-	-	-	-	<0.94	<0.94
1,2-Dichlorobenzene	600	60	<0.30	<0.30	-	<0.30	<0.11	<0.71	<0.52	<0.86	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<0.40	<0.40	-	<0.40	<0.1	<0.58	<0.34	<0.64	<0.63	<0.63
1,4-Dichlorobenzene	75	15	0.55	<0.40	-	<0.40	0.58J	<0.63	<0.63	<0.69	<0.94	<0.94
Dichlorodifluoromethane	1,000	200	-	-	-	-	-	-	-	-	<0.50	<0.50
1,1-Dichloroethane	850	85	-	-	-	-	-	-	-	-	<0.24	<0.27
1,2-Dichloroethane	5	0.5	-	-	-	-	-	-	-	-	<0.28	<0.28
1,1-Dichloroethene	7	0.7	-	-	-	-	-	-	-	-	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	-	-	-	-	-	-	-	-	<0.27	<0.27
trans-1,2-Dichloroethene	100	20	-	-	-	-	-	-	-	-	<1.1	<0.46
1,2-Dichloropropane	5	0.5	-	-	-	-	-	-	-	-	<0.28	<0.28
1,3-Dichloropropane	--	--	-	-	-	-	-	-	-	-	<0.83	<0.83
2,2-Dichloropropane	--	--	-	-	-	-	-	-	-	-	<2.3	<2.3
1,1-Dichloropropene	--	--	-	-	-	-	-	-	-	-	<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	-	-	-	-	-	-	-	-	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	-	-	-	-	-	-	-	-	<4.4	<4.4
Diisopropyl ether	--	--	-	-	-	-	-	-	-	-	<1.9	<1.9
Ethylbenzene	700	140	<0.10	<0.10	-	<0.10	0.55	<0.53	<0.56	<0.30	<0.22	<0.32
Hexachloro-1,3-butadiene	--	--	-	-	-	-	-	-	-	-	<1.2	<1.5
Isopropylbenzene (cumene)	--	--	0.84	0.5	-	<0.10	1.9	<0.66	<0.19	<0.56	1.2J	<1.7
p-Isopropyltoluene	--	--	<0.20	<0.20	-	<0.20	<0.12	<0.58	<0.30	<0.50	<0.80	<0.80
Methylene Chloride	5	1	-	-	-	-	-	-	-	-	<0.58	<0.58
Methyl-tert-butyl ether (MTBE)	60	12	-	-	-	-	-	-	-	-	<1.2	<1.2
Naphthalene	100	10	1.3J	<0.70	-	0.91	<0.63	<0.63	<0.60	<0.85	2.6J	<1.2
n-Propylbenzene	--	--	0.59	0.44	-	<0.30	1.9	<0.95	<0.32	<0.56	<0.81	<0.81
Styrene	100	10	-	-	-	-	-	-	-	-	<0.47	<3.0
1,1,1,2-Tetrachloroethane	70	7	-	-	-	-	-	-	-	-	<0.27	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	-	-	-	-	-	-	-	-	<0.28	<0.28
Tetrachloroethene (PCE)	5	0.5	-	-	-	-	-	-	-	-	<0.33	<0.33
Toluene	800	160	<0.10	<0.10	-	<0.10	0.33	<0.84	<0.57	<0.52	<0.17	<0.27
1,2,3-Trichlorobenzene	--	--	-	-	-	-	-	-	-	-	<0.63	<2.2
1,2,4-Trichlorobenzene	70	14	-	-	-	-	-	-	-	-	<0.95	<0.95
1,1,1-Trichloroethane	200	40	-	-	-	-	-	-	-	-	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	-	-	-	-	-	-	-	-	<0.55	<0.55
Trichloroethene (TCE)	5	0.5	-	-	-	-	-	-	-	-	<0.26	<0.26
Trichlorofluoromethane	--	--	-	-	-	-	-	-	-	-	<0.21	<0.21
1,2,3-Trichloropropane	60	12	-	-	-	-	-	-	-	-	<0.59	<0.59
Trimethylbenzenes (TMB) ¹	480	96	2.1	1.4	-	<0.50	12.2	<1.33	<1.17	<1.15	2.8	<1.71
Vinyl chloride	0.2	0.02	<0.40	<0.40	-	<0.40	<0.16	<0.11	<0.21	<0.16	<0.17	<0.17
Xylenes ²	2,000	400	<0.30	<0.30	-	<0.30	2.32	<1.83	<1.74	<1.17	0.31J	<0.73

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled/Reported

-- = No Standard/Not Applicable

J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Groundwater Analytical Table 1H
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln County, WI

Collected By-->			Northern Environmental								REI Engineering	
Sample-->			MW1									
Date-->			10/10/00	11/07/00	04/26/01	12/04/01	05/08/02	11/20/02	10/26/04	06/03/05	10/30/19	06/18/20
VOCs (µg/L)	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Benzene	5	0.5	-	-	-	-	-	-	-	-	<0.25	<0.25
Bromobenzene	--	--	-	-	-	-	-	-	-	-	<0.24	<0.24
Bromochloromethane	--	--	-	-	-	-	-	-	-	-	<0.36	<0.36
Bromodichloromethane	0.6	0.06	-	-	-	-	-	-	-	-	<0.36	<0.36
Bromoform	4.4	0.44	-	-	-	-	-	-	-	-	<4.0	<4.0
Bromomethane	10	1	-	-	-	-	-	-	-	-	<0.97	<0.97
n-Butylbenzene	--	--	<0.40	<0.40	-	<0.40	<0.11	<0.65	<0.39	<0.61	<0.71	<0.71
sec-Butylbenzene	--	--	<0.30	<0.30	-	<0.30	<0.10	<0.62	<0.21	<0.25	<0.85	<0.85
tert-Butylbenzene	--	--	-	-	-	-	-	-	-	-	<0.30	<0.30
Carbon tetrachloride	5	0.5	-	-	-	-	-	-	-	-	<0.17	<0.17
Chlorobenzene	--	--	<0.30	<0.30	-	<0.30	<0.05	<0.58	<0.22	<0.26	<0.71	<0.71
Chloroethane	400	80	<0.50	<0.50	-	<0.50	<0.60	<0.84	<0.38	<0.37	<1.3	<1.3
Chloroform	6	0.6	<0.50	<0.50	-	<0.50	<0.10	<0.45	<0.25	<0.78	<1.3	<1.3
Chloromethane	30	3	-	-	-	-	-	-	-	-	<2.2	<2.2
2-Chlorotoluene	--	--	<0.40	<0.40	-	<0.40	<0.16	<0.66	<0.30	<0.42	<0.93	<0.93
4-Chlorotoluene	--	--	-	-	-	-	-	-	-	-	<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	-	-	-	-	-	-	-	-	<1.8	<1.8
Dibromochloromethane	60	6	-	-	-	-	-	-	-	-	<2.6	<2.6
1,2-Dibromoethane (EDB)	0.05	0.005	-	-	-	-	-	-	-	-	<0.83	<0.83
Dibromomethane	--	--	-	-	-	-	-	-	-	-	<0.94	<0.94
1,2-Dichlorobenzene	600	60	<0.30	<0.30	-	<0.30	<0.11	<0.71	<0.52	<0.86	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<0.40	<0.40	-	<0.40	<0.10	<0.58	<0.34	<0.64	<0.63	<0.63
1,4-Dichlorobenzene	75	15	<0.40	<0.40	-	<0.40	<0.31	<0.63	<0.63	<0.69	<0.94	<0.94
Dichlorodifluoromethane	1,000	200	-	-	-	-	-	-	-	-	<0.50	<0.50
1,1-Dichloroethane	850	85	-	-	-	-	-	-	-	-	<0.24	<0.27
1,2-Dichloroethane	5	0.5	-	-	-	-	-	-	-	-	<0.28	<0.28
1,1-Dichloroethene	7	0.7	-	-	-	-	-	-	-	-	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	-	-	-	-	-	-	-	-	<0.27	<0.27
trans-1,2-Dichloroethene	100	20	-	-	-	-	-	-	-	-	<1.1	<0.46
1,2-Dichloropropane	5	0.5	-	-	-	-	-	-	-	-	<0.28	<0.28
1,3-Dichloropropane	--	--	-	-	-	-	-	-	-	-	<0.83	<0.83
2,2-Dichloropropane	--	--	-	-	-	-	-	-	-	-	<2.3	<2.3
1,1-Dichloropropene	--	--	-	-	-	-	-	-	-	-	<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	-	-	-	-	-	-	-	-	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	-	-	-	-	-	-	-	-	<4.4	<4.4
Diisopropyl ether	--	--	-	-	-	-	-	-	-	-	<1.9	<1.9
Ethylbenzene	700	140	<0.10	<0.10	-	<0.10	<0.08	<0.53	<0.56	<0.30	<0.22	<0.32
Hexachloro-1,3-butadiene	--	--	-	-	-	-	-	-	-	-	<1.2	<1.5
Isopropylbenzene (cumene)	--	--	<0.10	<0.10	-	<0.10	<0.07	<0.66	<0.19	<0.56	<0.39	<1.7
p-Isopropyltoluene	--	--	<0.20	<0.20	-	<0.20	<0.12	<0.58	<0.30	<0.50	<0.80	<0.80
Methylene Chloride	5	1	-	-	-	-	-	-	-	-	<0.58	<0.58
Methyl-tert-butyl ether (MTBE)	60	12	-	-	-	-	-	-	-	-	<1.2	<1.2
Naphthalene	100	10	<0.70	<0.70	-	<0.70	<0.10	<0.63	<0.60	<0.85	<1.2	<1.2
n-Propylbenzene	--	--	<0.30	<0.30	-	<0.30	<0.15	<0.95	<0.32	<0.56	<0.81	<0.81
Styrene	100	10	-	-	-	-	-	-	-	-	<0.47	<3.0
1,1,1,2-Tetrachloroethane	70	7	-	-	-	-	-	-	-	-	<0.27	<0.27
1,1,1,2,2-Tetrachloroethane	0.2	0.02	-	-	-	-	-	-	-	-	<0.28	<0.28
Tetrachloroethene (PCE)	5	0.5	-	-	-	-	-	-	-	-	<0.33	<0.33
Toluene	800	160	<0.10	<0.10	-	<0.10	<0.08	<0.84	<0.57	<0.52	<0.17	<0.27
1,2,3-Trichlorobenzene	--	--	-	-	-	-	-	-	-	-	<0.63	<2.2
1,2,4-Trichlorobenzene	70	14	-	-	-	-	-	-	-	-	<0.95	<0.95
1,1,1-Trichloroethane	200	40	-	-	-	-	-	-	-	-	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	-	-	-	-	-	-	-	-	<0.55	<0.55
Trichloroethene (TCE)	5	0.5	-	-	-	-	-	-	-	-	<0.26	<0.26
Trichlorofluoromethane	--	--	-	-	-	-	-	-	-	-	<0.21	<0.21
1,2,3-Trichloropropane	60	12	-	-	-	-	-	-	-	-	<0.59	<0.59
Trimethylbenzenes (TMB) ¹	480	96	<0.50	<0.50	-	<0.50	<0.19	<1.33	<1.17	<1.15	<1.71	<1.71
Vinyl chloride	0.2	0.02	<0.40	<0.40	-	<0.40	<0.16	<0.11	<0.21	<0.16	<0.17	<0.17
Xylenes ²	2,000	400	<0.30	<0.30	-	<0.30	<0.34	<1.83	<1.74	<1.17	<0.73	<0.73

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled/Reported

-- = No Standard/Not Applicable

J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Groundwater Analytical Table II
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln County, WI

Collected By-->			Northern Environmental								REI Engineering	
Sample-->			MW8									
Date-->			10/10/00	11/07/00	04/26/01	12/04/01	05/08/02	11/20/02	10/26/04	06/03/05	10/30/19	06/18/20
VOCs (µg/L)	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Benzene	5	0.5	-	-	-	-	-	-	-	-	<0.25	<0.25
Bromobenzene	--	--	-	-	-	-	-	-	-	-	<0.24	<0.24
Bromochloromethane	--	--	-	-	-	-	-	-	-	-	<0.36	<0.36
Bromodichloromethane	0.6	0.06	-	-	-	-	-	-	-	-	<0.36	<0.36
Bromoform	4.4	0.44	-	-	-	-	-	-	-	-	<4.0	<4.0
Bromomethane	10	1	-	-	-	-	-	-	-	-	<0.97	<0.97
n-Butylbenzene	--	--	<0.40	<0.40	-	<0.40	<0.11	<0.65	<0.39	<0.61	<0.71	<0.71
sec-Butylbenzene	--	--	<0.30	<0.30	-	<0.30	<0.10	<0.62	<0.21	<0.25	<0.85	<0.85
tert-Butylbenzene	--	--	-	-	-	-	-	-	-	-	<0.30	<0.30
Carbon tetrachloride	5	0.5	-	-	-	-	-	-	-	-	<0.17	<0.17
Chlorobenzene	--	--	<0.30	<0.30	-	<0.30	<0.05	<0.58	<0.22	<0.26	<0.71	<0.71
Chloroethane	400	80	<0.50	<0.50	-	<0.50	<0.60	<0.84	<0.38	<0.37	<1.3	<1.3
Chloroform	6	0.6	<0.50	<0.50	-	<0.50	<0.10	<0.45	<0.25	<0.78	<1.3	<1.3
Chloromethane	30	3	-	-	-	-	-	-	-	-	<2.2	<2.2
2-Chlorotoluene	--	--	<0.40	<0.40	-	<0.40	<0.16	<0.66	<0.30	<0.42	<0.93	<0.93
4-Chlorotoluene	--	--	-	-	-	-	-	-	-	-	<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	-	-	-	-	-	-	-	-	<1.8	<1.8
Dibromochloromethane	60	6	-	-	-	-	-	-	-	-	<2.6	<2.6
1,2-Dibromoethane (EDB)	0.05	0.005	-	-	-	-	-	-	-	-	<0.83	<0.83
Dibromomethane	--	--	-	-	-	-	-	-	-	-	<0.94	<0.94
1,2-Dichlorobenzene	600	60	<0.30	<0.30	-	<0.30	<0.11	<0.71	<0.52	<0.86	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<0.40	<0.40	-	<0.40	<0.10	<0.58	<0.34	<0.64	<0.63	<0.63
1,4-Dichlorobenzene	75	15	<0.40	<0.40	-	<0.40	<0.31	<0.63	<0.63	<0.69	<0.94	<0.94
Dichlorodifluoromethane	1,000	200	-	-	-	-	-	-	-	-	<0.50	<0.50
1,1-Dichloroethane	850	85	-	-	-	-	-	-	-	-	<0.24	<0.27
1,2-Dichloroethane	5	0.5	-	-	-	-	-	-	-	-	<0.28	<0.28
1,1-Dichloroethene	7	0.7	-	-	-	-	-	-	-	-	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	-	-	-	-	-	-	-	-	<0.27	<0.27
trans-1,2-Dichloroethene	100	20	-	-	-	-	-	-	-	-	<1.1	<0.46
1,2-Dichloropropane	5	0.5	-	-	-	-	-	-	-	-	<0.28	<0.28
1,3-Dichloropropane	--	--	-	-	-	-	-	-	-	-	<0.83	<0.83
2,2-Dichloropropane	--	--	-	-	-	-	-	-	-	-	<2.3	<2.3
1,1-Dichloropropene	--	--	-	-	-	-	-	-	-	-	<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	-	-	-	-	-	-	-	-	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	-	-	-	-	-	-	-	-	<4.4	<4.4
Diisopropyl ether	--	--	-	-	-	-	-	-	-	-	<1.9	<1.9
Ethylbenzene	700	140	<0.10	<0.10	-	<0.10	<0.08	<0.53	<0.56	<0.30	<0.22	<0.32
Hexachloro-1,3-butadiene	--	--	-	-	-	-	-	-	-	-	<1.2	<1.5
Isopropylbenzene (cumene)	--	--	<0.10	<0.10	-	<0.10	<0.07	<0.66	<0.19	<0.56	<0.39	<1.7
p-Isopropyltoluene	--	--	<0.20	<0.20	-	<0.20	<0.12	<0.58	<0.30	<0.50	<0.80	<0.80
Methylene Chloride	5	1	-	-	-	-	-	-	-	-	<0.58	<0.58
Methyl-tert-butyl ether (MTBE)	60	12	-	-	-	-	-	-	-	-	<1.2	<1.2
Naphthalene	100	10	<0.70	<0.70	-	<0.70	<0.10	<0.63	<0.60	<0.85	<1.2	<1.2
n-Propylbenzene	--	--	<0.30	<0.30	-	<0.30	<0.15	<0.95	<0.32	<0.56	<0.81	<0.81
Styrene	100	10	-	-	-	-	-	-	-	-	<0.47	<3.0
1,1,1,2-Tetrachloroethane	70	7	-	-	-	-	-	-	-	-	<0.27	<0.27
1,1,1,2,2-Tetrachloroethane	0.2	0.02	-	-	-	-	-	-	-	-	<0.28	<0.28
Tetrachloroethene (PCE)	5	0.5	-	-	-	-	-	-	-	-	<0.33	<0.33
Toluene	800	160	<0.10	<0.10	-	<0.10	<0.08	<0.84	<0.57	<0.52	<0.17	<0.27
1,2,3-Trichlorobenzene	--	--	-	-	-	-	-	-	-	-	<0.63	<2.2
1,2,4-Trichlorobenzene	70	14	-	-	-	-	-	-	-	-	<0.95	<0.95
1,1,1-Trichloroethane	200	40	-	-	-	-	-	-	-	-	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	-	-	-	-	-	-	-	-	<0.55	<0.55
Trichloroethene (TCE)	5	0.5	-	-	-	-	-	-	-	-	<0.26	<0.26
Trichlorofluoromethane	--	--	-	-	-	-	-	-	-	-	<0.21	<0.21
1,2,3-Trichloropropane	60	12	-	-	-	-	-	-	-	-	<0.59	<0.59
Trimethylbenzenes (TMB) ¹	480	96	<0.50	<0.50	-	<0.50	<0.19	<1.33	<1.17	<1.15	<1.71	<1.71
Vinyl chloride	0.2	0.02	<0.40	<0.40	-	<0.40	<0.16	<0.11	<0.21	0.31	<0.17	<0.17
Xylenes ²	2,000	400	<0.30	<0.30	-	<0.30	<0.34	<1.83	<1.74	<1.17	<0.73	<0.73

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

-- = Not Sampled/Reported

- = No Standard/Not Applicable

J = Estimated concentration at or above the Limit of Detection 'LOD' and below the Limit of Quantitation 'LOQ'

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Groundwater Analytical Table 1J
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln County, WI

Collected By-->			Northern Environmental								REI Engineering	
Sample-->			MW9									
Date-->			10/10/00	11/07/00	04/26/01	12/04/01	05/08/02	11/20/02	10/26/04	06/03/05	10/30/19	06/18/20
VOCs (µg/L)	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Benzene	5	0.5	-	-	-	-	-	-	-	-	<0.25	<0.25
Bromobenzene	-	-	-	-	-	-	-	-	-	-	<0.24	<0.24
Bromochloromethane	-	-	-	-	-	-	-	-	-	-	<0.36	<0.36
Bromodichloromethane	0.6	0.06	-	-	-	-	-	-	-	-	<0.36	<0.36
Bromoform	4.4	0.44	-	-	-	-	-	-	-	-	<4.0	<4.0
Bromomethane	10	1	-	-	-	-	-	-	-	-	<0.97	<0.97
n-Butylbenzene	-	-	<0.40	<0.40	<0.40	<0.40	<0.11	<0.65	<0.39	<0.61	<0.71	<0.71
sec-Butylbenzene	-	-	<0.30	<0.30	<0.30	<0.30	<0.10	<0.62	<0.21	<0.25	<0.85	<0.85
tert-Butylbenzene	-	-	-	-	-	-	-	-	-	-	<0.30	<0.30
Carbon tetrachloride	5	0.5	-	-	-	-	-	-	-	-	<0.17	<1.1
Chlorobenzene	-	-	<0.30	<0.30	<0.30	<0.30	<0.05	<0.58	<0.22	<0.26	<0.71	<0.71
Chloroethane	400	80	<0.50	<0.50	<0.50	<0.50	<0.60	<0.84	<0.38	<0.37	<1.3	<1.3
Chloroform	6	0.6	<0.50	<0.50	<0.50	<0.50	<0.10	<0.45	<0.25	<0.78	<1.3	<1.3
Chloromethane	30	3	-	-	-	-	-	-	-	-	<2.2	<2.2
2-Chlorotoluene	-	-	<0.40	<0.40	<0.40	<0.40	<0.16	<0.66	<0.30	<0.42	<0.93	<0.93
4-Chlorotoluene	-	-	-	-	-	-	-	-	-	-	<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	-	-	-	-	-	-	-	-	<1.8	<1.8
Dibromochloromethane	60	6	-	-	-	-	-	-	-	-	<2.6	<2.6
1,2-Dibromoethane (EDB)	0.05	0.005	-	-	-	-	-	-	-	-	<0.83	<0.83
Dibromomethane	-	-	-	-	-	-	-	-	-	-	<0.94	<0.94
1,2-Dichlorobenzene	600	60	<0.30	<0.30	<0.30	<0.30	<0.11	<0.71	<0.52	<0.86	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<0.40	<0.40	<0.40	<0.40	<0.10	<0.58	<0.34	<0.64	<0.63	<0.63
1,4-Dichlorobenzene	75	15	<0.40	<0.40	<0.40	<0.40	<0.31	<0.63	<0.63	<0.69	<0.94	<0.94
Dichlorodifluoromethane	1,000	200	-	-	-	-	-	-	-	-	<0.50	<0.50
1,1-Dichloroethane	850	85	-	-	-	-	-	-	-	-	<0.24	<0.27
1,2-Dichloroethane	5	0.5	-	-	-	-	-	-	-	-	<0.28	<0.28
1,1-Dichloroethene	7	0.7	-	-	-	-	-	-	-	-	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	-	-	-	-	-	-	-	-	<0.27	<0.27
trans-1,2-Dichloroethene	100	20	-	-	-	-	-	-	-	-	<1.1	<0.46
1,2-Dichloropropane	5	0.5	-	-	-	-	-	-	-	-	<0.28	<0.28
1,3-Dichloropropane	-	-	-	-	-	-	-	-	-	-	<0.83	<0.83
2,2-Dichloropropane	-	-	-	-	-	-	-	-	-	-	<2.3	<2.3
1,1-Dichloropropene	-	-	-	-	-	-	-	-	-	-	<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	-	-	-	-	-	-	-	-	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	-	-	-	-	-	-	-	-	<4.4	<4.4
Diisopropyl ether	-	-	-	-	-	-	-	-	-	-	<1.9	<1.9
Ethylbenzene	700	140	<0.10	<0.10	<0.10	<0.10	<0.08	<0.53	<0.56	<0.30	<0.22	<0.32
Hexachloro-1,3-butadiene	-	-	-	-	-	-	-	-	-	-	<1.2	<1.5
Isopropylbenzene (cumene)	-	-	<0.10	<0.10	<0.10	<0.10	<0.07	<0.66	<0.19	<0.56	<0.39	<1.7
p-Isopropyltoluene	-	-	<0.20	<0.20	<0.20	<0.20	<0.12	<0.58	<0.30	<0.50	<0.80	<0.80
Methylene Chloride	5	1	-	-	-	-	-	-	-	-	<0.58	<0.58
Methyl-tert-butyl ether (MTBE)	60	12	-	-	-	-	-	-	-	-	<1.2	<1.2
Naphthalene	100	10	<0.70	<0.70	<0.70	<0.70	<0.10	<0.63	<0.60	<0.85	<1.2	<1.2
n-Propylbenzene	-	-	<0.30	<0.30	<0.30	<0.30	<0.15	<0.95	<0.32	<0.56	<0.81	<0.81
Styrene	100	10	-	-	-	-	-	-	-	-	<0.47	<3.0
1,1,1,2-Tetrachloroethane	70	7	-	-	-	-	-	-	-	-	<0.27	<0.27
1,1,1,2,2-Tetrachloroethane	0.2	0.02	-	-	-	-	-	-	-	-	<0.28	<0.28
Tetrachloroethene (PCE)	5	0.5	-	-	-	-	-	-	-	-	<0.33	<0.33
Toluene	800	160	<0.10	<0.10	<0.11	<0.10	<0.08	<0.84	<0.57	<0.52	<0.17	<0.27
1,2,3-Trichlorobenzene	-	-	-	-	-	-	-	-	-	-	<0.63	<2.2
1,2,4-Trichlorobenzene	70	14	-	-	-	-	-	-	-	-	<0.95	<0.95
1,1,1-Trichloroethane	200	40	-	-	-	-	-	-	-	-	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	-	-	-	-	-	-	-	-	<0.55	<0.55
Trichloroethene (TCE)	5	0.5	-	-	-	-	-	-	-	-	<0.26	<0.26
Trichlorofluoromethane	-	-	-	-	-	-	-	-	-	-	<0.21	<0.21
1,2,3-Trichloropropane	60	12	-	-	-	-	-	-	-	-	<0.59	<0.59
Trimethylbenzenes (TMB) ¹	480	96	<0.50	<0.50	<0.50	<0.50	<0.19	<1.33	<1.17	<1.15	<1.71	<1.71
Vinyl chloride	0.2	0.02	<0.40	<0.40	<0.40	<0.40	<0.16	<0.11	<0.21	<0.16	<0.17	<0.17
Xylenes ²	2,000	400	<0.30	<0.30	<0.30	<0.30	<0.34	<1.83	<1.74	<1.17	<0.73	<0.73

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled/Reported

- - = No Standard/Not Applicable

J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Groundwater Analytical Table 1K
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln County, WI

Collected By-->			Northern Environmental								REI Engineering	
Sample-->			MW10									
Date-->			10/10/00	11/07/00	04/26/01	12/04/01	05/08/02	11/20/02	10/26/04	06/03/05	10/30/19	06/18/20
VOCs (µg/L)	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Benzene	5	0.5	-	-	-	-	-	-	-	<0.25	<0.25	
Bromobenzene	--	--	-	-	-	-	-	-	-	<0.24	<0.24	
Bromochloromethane	--	--	-	-	-	-	-	-	-	<0.36	<0.36	
Bromodichloromethane	0.6	0.06	-	-	-	-	-	-	-	<0.36	<0.36	
Bromoform	4.4	0.44	-	-	-	-	-	-	-	<4.0	<4.0	
Bromomethane	10	1	-	-	-	-	-	-	-	<0.97	<0.97	
n-Butylbenzene	--	--	0.85	0.88	<0.40	<0.40	0.92	<0.65	<0.39	<0.61	<0.71	
sec-Butylbenzene	--	--	<0.30	<0.30	<0.30	<0.30	0.55	<0.62	<0.21	0.28J	<0.85	
tert-Butylbenzene	--	--	-	-	-	-	-	-	-	<0.30	<0.30	
Carbon tetrachloride	5	0.5	-	-	-	-	-	-	-	<0.17	<1.1	
Chlorobenzene	--	--	<0.30	<0.30	<0.30	<0.30	<0.05	<0.58	<0.22	<0.26	<0.71	
Chloroethane	400	80	<0.50	<0.50	<0.50	<0.50	<0.60	<0.84	<0.38	<0.37	<1.3	
Chloroform	6	0.6	<0.50	<0.50	<0.50	<0.50	0.27J	<0.45	<0.25	<0.78	<1.3	
Chloromethane	30	3	-	-	-	-	-	-	-	<2.2	<2.2	
2-Chlorotoluene	--	--	<0.40	<0.40	<0.40	<0.40	0.52J	<0.66	<0.30	0.53J	<0.93	
4-Chlorotoluene	--	--	-	-	-	-	-	-	-	<0.76	<0.76	
1,2-Dibromo-3-chloropropane	0.2	0.02	-	-	-	-	-	-	-	<1.8	<1.8	
Dibromochloromethane	60	6	-	-	-	-	-	-	-	<2.6	<2.6	
1,2-Dibromoethane (EDB)	0.05	0.005	-	-	-	-	-	-	-	<0.83	<0.83	
Dibromomethane	--	--	-	-	-	-	-	-	-	<0.94	<0.94	
1,2-Dichlorobenzene	600	60	<0.30	<0.30	<0.30	<0.30	<0.11	<0.71	<0.52	<0.86	<0.71	
1,3-Dichlorobenzene	600	120	<0.40	<0.40	<0.40	<0.40	<0.10	<0.58	<0.34	<0.64	<0.63	
1,4-Dichlorobenzene	75	15	<0.40	<0.40	<0.40	<0.40	<0.31	<0.63	<0.63	<0.69	<0.94	
Dichlorodifluoromethane	1,000	200	-	-	-	-	-	-	-	<0.50	<0.50	
1,1-Dichloroethane	850	85	-	-	-	-	-	-	-	<0.24	<0.27	
1,2-Dichloroethane	5	0.5	-	-	-	-	-	-	-	<0.28	<0.28	
1,1-Dichloroethene	7	0.7	-	-	-	-	-	-	-	<0.24	<0.24	
cis-1,2-Dichloroethene	70	7	-	-	-	-	-	-	-	<0.27	<0.27	
trans-1,2-Dichloroethene	100	20	-	-	-	-	-	-	-	<1.1	<0.46	
1,2-Dichloropropane	5	0.5	-	-	-	-	-	-	-	<0.28	<0.28	
1,3-Dichloropropane	--	--	-	-	-	-	-	-	-	<0.83	<0.83	
2,2-Dichloropropane	--	--	-	-	-	-	-	-	-	<2.3	<2.3	
1,1-Dichloropropene	--	--	-	-	-	-	-	-	-	<0.54	<0.54	
cis-1,3-Dichloropropene	0.4	0.04	-	-	-	-	-	-	-	<3.6	<3.6	
trans-1,3-Dichloropropene	0.4	0.04	-	-	-	-	-	-	-	<4.4	<4.4	
Diisopropyl ether	--	--	-	-	-	-	-	-	-	<1.9	<1.9	
Ethylbenzene	700	140	<0.10	<0.10	<0.10	<0.10	<0.08	<0.53	<0.56	<0.30	<0.22	
Hexachloro-1,3-butadiene	--	--	-	-	-	-	-	-	-	<1.2	<1.5	
Isopropylbenzene (cumene)	--	--	4.3	3.4	1.3	2.4	6.1	1.8J	1.5	3.0	<0.39	
p-Isopropyltoluene	--	--	<0.20	<0.20	<0.20	<0.20	<0.12	<0.58	<0.30	<0.50	<0.80	
Methylene Chloride	5	1	-	-	-	-	-	-	-	<0.58	<0.58	
Methyl-tert-butyl ether (MTBE)	60	12	-	-	-	-	-	-	-	<1.2	<1.2	
Naphthalene	100	10	<0.70	<0.70	<0.70	<0.70	<0.10	<0.63	<0.60	<0.85	<1.2	
n-Propylbenzene	--	--	<0.30	<0.30	<0.30	<0.30	0.86	<0.95	<0.32	<0.56	<0.81	
Styrene	100	10	-	-	-	-	-	-	-	<0.47	<3.0	
1,1,1,2-Tetrachloroethane	70	7	-	-	-	-	-	-	-	<0.27	<0.27	
1,1,2,2-Tetrachloroethane	0.2	0.02	-	-	-	-	-	-	-	<0.28	<0.28	
Tetrachloroethene (PCE)	5	0.5	-	-	-	-	-	-	-	<0.33	<0.33	
Toluene	800	160	<0.10	<0.10	<0.10	<0.10	0.55	2.9	21	1.42J	<0.17	
1,2,3-Trichlorobenzene	--	--	-	-	-	-	-	-	-	<0.63	<2.2	
1,2,4-Trichlorobenzene	70	14	-	-	-	-	-	-	-	<0.95	<0.95	
1,1,1-Trichloroethane	200	40	-	-	-	-	-	-	-	<0.24	<0.24	
1,1,2-Trichloroethane	5	0.5	-	-	-	-	-	-	-	<0.55	<0.55	
Trichloroethene (TCE)	5	0.5	-	-	-	-	-	-	-	<0.26	<0.26	
Trichlorofluoromethane	--	--	-	-	-	-	-	-	-	<0.21	<0.21	
1,2,3-Trichloropropane	60	12	-	-	-	-	-	-	-	<0.59	<0.59	
Trimethylbenzenes (TMB) ¹	480	96	<0.50	<0.50	<0.50	<0.50	3.09	<1.33	<1.17	0.4J	<1.71	
Vinyl chloride	0.2	0.02	<0.40	<0.40	<0.40	<0.40	<0.16	<0.11	<0.21	<0.16	<0.17	
Xylenes ²	2,000	400	<0.30	<0.30	<0.30	<0.30	0.44J	<1.83	<1.74	<1.17	<0.73	

Notes:

¹ = NR140.10 Trimethylbenzene standard is for combined 1,2,4- and 1,3,5- isomers

² = NR140.10 Xylene standard is for combined m-, o-, and p- isomers

µg/L - Parts Per Billion (ppb)

< = Concentration Below Laboratory Detection Limit

-- = Not Sampled/Reported

--- = No Standard/Not Applicable

J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

Bold	= Exceeds NR140.10 Enforcement Standard
<i>Italic</i>	= Exceeds NR140.10 Preventive Action Limit

Groundwater Analytical Table 2A
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln County, WI

Collected By-->			Northern Environmental								REI Engineering	
Sample-->			MW1									
Date-->			10/10/00	11/07/00	04/26/01	12/04/01	05/08/02	11/20/02	10/26/04	06/03/05	10/30/19	6/18/20
PAHs (µg/L)	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Acenaphthene	--	--	-	-	-	-	-	-	-	-	<0.0055	<0.0063
Acenaphthylene	--	--	<0.28	<0.28	-	-	-	-	-	-	<0.0045	<0.0051
Anthracene	3,000	600	-	-	-	-	-	-	-	-	<0.0095	<0.011
Benzo (a) Anthracene	--	--	<0.011	<0.011	-	-	-	-	-	-	<0.0069	<0.0078
Benzo (a) Pyrene	0.2	0.02	<0.012	<0.012	-	-	-	-	-	-	<0.0096	<0.011
Benzo (b) Fluoranthene	0.2	0.02	-	-	-	-	-	-	-	-	<0.0052	<0.0059
Benzo (g,h,i) Perylene	--	--	<0.049	<0.049	-	-	-	-	-	-	<0.0062	<0.0070
Benzo (k) Fluoranthene	--	--	-	-	-	-	-	-	-	-	<0.0069	<0.0078
Chrysene	0.2	0.02	-	-	-	-	-	-	-	-	<0.012	<0.013
Dibenzo (a,h) Anthracene	--	--	<0.090	<0.090	-	-	-	-	-	-	<0.0091	<0.010
Fluoranthene	400	80	<0.033	<0.033	-	-	-	-	-	-	<0.0097	<0.011
Fluorene	400	80	-	-	-	-	-	-	-	-	<0.0072	<0.0082
Indeno (1,2,3-cd) Pyrene	--	--	-	-	-	-	-	-	-	-	<0.016	<0.018
1-Methyl Naphthalene	--	--	<0.29	<0.29	-	-	-	-	-	-	<0.0054	0.0074J
2-Methyl Naphthalene	--	--	<0.32	<0.32	-	-	-	-	-	-	<0.0045	0.012J
Naphthalene	100	10	<0.30	<0.30	-	-	-	-	-	-	<0.017	<0.019
Phenanthrene	--	--	-	-	-	-	-	-	-	-	<0.013	<0.014
Pyrene	250	50	-	-	-	-	-	-	-	-	<0.0094	<0.0079
Metals (µg/L)												
Arsenic (As) ¹	10	1	-	-	-	<1.3	<1.3	<3.4	<7.4	<0.19	<8.3	<8.3
Barium (Ba) ¹	2,000	400	-	-	-	-	-	-	-	-	9.7	37.6
Cadmium (Cd) ¹	5	0.5	-	-	-	<0.35	<0.08	<0.48	<0.7	<0.04	<1.3	<1.3
Total Chromium (Cr) ¹	100	10	-	-	-	0.77	7.9	14	19	0.34J	<2.5	<2.5
Copper (Cu) ¹	1,300	130	-	-	-	-	-	-	-	-	-	7.5J
Lead (Pb) ¹	15	1.5	-	-	-	<1.4	1.9J	4.1J	<4.1	1.4	<5.9	<5.9
Selenium (Se) ¹	50	10	-	-	-	-	-	-	-	-	<12.2	<12.2
Silver (Ag) ¹	50	10	-	-	-	-	-	-	-	-	<3.2	<3.2
Mercury (Hg) ¹	2	0.2	-	-	-	-	-	-	-	-	<0.084	<0.084
Inorganics (mg/L)												
Ammonia (as N) ¹	9.7	0.97	<0.02	<0.02	-	-	-	-	-	-	<0.26	<0.26
Chloride ²	250	125	<0.65	1.01	-	-	-	-	-	-	0.76J	<2.2
Nitrate (as N) ¹	10	2	<0.08	<0.08	-	-	-	-	-	-	<0.075	<0.22
Sulfate ²	250	125	10	9.55	-	-	-	-	-	-	6.3	5.7J
Other												
Total Hardness (µg/L)	--	--	36.2	23.7	-	-	-	-	-	-	21,200	24,200
Alkalinity (Total as CaCO3)(mg/L)	--	--	<18	<18	-	-	-	-	-	-	23.0J	17.8J
Chemical Oxygen Demand (mg/L)	--	--	<18	20	-	-	-	-	-	-	<14.7	<15.5

Notes:
µg/L - Parts Per Billion (ppb)
mg/L - Parts Per Million (ppm)
< = Concentration Below Laboratory Detection Limit
- = Not Sampled
-- = No Standard/Not Applicable
J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)
¹ = NR140 Table 1 Public Health Groundwater Quality Standard
² = NR140 Table 2 Public Welfare Groundwater Quality Standard

Bold	= Exceeds Enforcement Standard
<i>Italic</i>	= Exceeds Preventive Action Limit

Groundwater Analytical Table 2B
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln County, WI

Collected By-->			Northern Environmental								REI Engineering	
Sample-->			MW2									
Date-->			10/10/00	11/07/00	04/26/01	12/04/01	05/08/02	11/20/02	10/26/04	06/03/05	10/30/19	6/18/20
PAHs (µg/L)	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Acenaphthene	--	--	-	-	-	-	-	-	-	-	<0.0056	<0.0055
Acenaphthylene	--	--	<0.28	<0.28	-	-	-	-	-	-	<0.0046	<0.045
Anthracene	3,000	600	-	-	-	-	-	-	-	-	<0.0097	<0.0095
Benzo (a) Anthracene	--	--	<0.011	<0.011	-	-	-	-	-	-	<0.0070	<0.0069
Benzo (a) Pyrene	0.2	0.02	<0.012	<0.012	-	-	-	-	-	-	<0.0098	<0.0096
Benzo (b) Fluoranthene	0.2	0.02	-	-	-	-	-	-	-	-	<0.0053	<0.0052
Benzo (g,h,i) Perylene	--	--	<0.049	<0.049	-	-	-	-	-	-	<0.0063	<0.0062
Benzo (k) Fluoranthene	--	--	-	-	-	-	-	-	-	-	<0.0070	<0.0069
Chrysene	0.2	0.02	-	-	-	-	-	-	-	-	<0.012	<0.012
Dibenzo (a,h) Anthracene	--	--	<0.090	<0.090	-	-	-	-	-	-	<0.0093	<0.0091
Fluoranthene	400	80	<0.033	<0.033	-	-	-	-	-	-	<0.0099	<0.0097
Fluorene	400	80	-	-	-	-	-	-	-	-	<0.0074	<0.0072
Indeno (1,2,3-cd) Pyrene	--	--	-	-	-	-	-	-	-	-	<0.016	<0.016
1-Methyl Naphthalene	--	--	<0.29	<0.29	-	-	-	-	-	-	0.0092J	<0.0054
2-Methyl Naphthalene	--	--	<0.32	<0.32	-	-	-	-	-	-	0.0071J	<0.0045
Naphthalene	100	10	<0.30	<0.30	-	-	-	-	-	-	<0.017	<0.017
Phenanthrene	--	--	-	-	-	-	-	-	-	-	0.013J	<0.013
Pyrene	250	50	-	-	-	-	-	-	-	-	0.013J	<0.0070
Metals (µg/L)												
Arsenic (As) ¹	10	1	3.3	-	3	<1.3	<1.3	<3.4	11J	<0.19	<8.3	<8.3
Barium (Ba) ¹	2,000	400	-	-	-	-	-	-	-	-	30.0	28.0
Cadmium (Cd) ¹	5	0.5	<0.4	-	<i>0.59</i>	0.38	<i>0.69</i>	<i>0.86J</i>	<0.7	0.19J	4.6J	<1.3
Total Chromium (Cr) ¹	100	10	6.4	-	2.1	<0.71	0.90J	1.2J	<3.1	1.3	<2.5	<2.5
Copper (Cu) ¹	1,300	130	-	-	-	-	-	-	-	-	-	-
Lead (Pb) ¹	15	1.5	1.4	-	<1.1	<1.4	1.2J	<i>1.8J</i>	<4.1	0.50J	6.7J	<i>9.5J</i>
Selenium (Se) ¹	50	10	-	-	-	-	-	-	-	-	<12.2	<12.2
Silver (Ag) ¹	50	10	-	-	-	-	-	-	-	-	<3.2	<3.2
Mercury (Hg) ¹	2	0.2	-	-	-	-	-	-	-	-	<0.084	<0.084
Inorganics (mg/L)												
Ammonia (as N) ¹	9.7	0.97	0.11	<0.02	-	-	-	-	-	-	<0.26	<0.26
Chloride ²	250	125	0.704	1.23	-	-	-	-	-	-	<2.5	<2.2
Nitrate (as N) ¹	10	2	0.23	<0.08	-	-	-	-	-	-	1.2	<0.22
Sulfate ²	250	125	7.18	10	-	-	-	-	-	-	<5.0	3.3J
Other												
Total Hardness (µg/L)	--	--	86	122	-	-	-	-	-	-	50,400	40,200
Alkalinity (Total as CaCO3)(mg/L)	--	--	131	158	-	-	-	-	-	-	52.5	45.6
Chemical Oxygen Demand (mg/L)	--	--	20	23	-	-	-	-	-	-	41.9J	39.6J

Notes:
µg/L - Parts Per Billion (ppb)
mg/L - Parts Per Million (ppm)
< = Concentration Below Laboratory Detection Limit
- = Not Sampled
-- = No Standard/Not Applicable
J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)
¹ = NR140 Table 1 Public Health Groundwater Quality Standard
² = NR140 Table 2 Public Welfare Groundwater Quality Standard

Bold	= Exceeds Enforcement Standard
<i>Italic</i>	= Exceeds Preventive Action Limit

Groundwater Analytical Table 2C
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln County, WI

Collected By-->			Northern Environmental								REI Engineering	
Sample-->			MW3									
Date-->			10/10/00	11/07/00	04/26/01	12/04/01	05/08/02	11/20/02	10/26/04	06/03/05	10/30/19	6/18/20
PAHs (µg/L)	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Acenaphthene	--	--	-	-	-	-	-	-	-	-	0.0091J	0.011J
Acenaphthylene	--	--	<0.28	<0.28	-	-	-	-	-	-	<0.0047	<0.0047
Anthracene	3,000	600	-	-	-	-	-	-	-	-	<0.0098	<0.0098
Benzo (a) Anthracene	--	--	<0.011	<0.011	-	-	-	-	-	-	<0.0071	0.020J
Benzo (a) Pyrene	0.2	0.02	<0.012	<0.012	-	-	-	-	-	-	<0.0098	0.028J
Benzo (b) Fluoranthene	0.2	0.02	-	-	-	-	-	-	-	-	<0.0054	0.070
Benzo (g,h,i) Perylene	--	--	<0.049	<0.049	-	-	-	-	-	-	<0.0063	0.040
Benzo (k) Fluoranthene	--	--	-	-	-	-	-	-	-	-	<0.0071	0.033J
Chrysene	0.2	0.02	-	-	-	-	-	-	-	-	<0.012	0.047J
Dibenzo (a,h) Anthracene	--	--	<0.090	<0.090	-	-	-	-	-	-	<0.0094	<0.0094
Fluoranthene	400	80	<0.033	<0.033	-	-	-	-	-	-	<0.010	0.025J
Fluorene	400	80	-	-	-	-	-	-	-	-	0.016J	0.013J
Indeno (1,2,3-cd) Pyrene	--	--	-	-	-	-	-	-	-	-	<0.016	0.030J
1-Methyl Naphthalene	--	--	<0.29	<0.29	-	-	-	-	-	-	0.061	0.53
2-Methyl Naphthalene	--	--	<0.32	<0.32	-	-	-	-	-	-	0.091	0.031
Naphthalene	100	10	<0.30	<0.30	-	-	-	-	-	-	1.3	14.1
Phenanthrene	--	--	-	-	-	-	-	-	-	-	<0.013	<0.013
Pyrene	250	50	-	-	-	-	-	-	-	-	<0.0071	0.016J
Metals (µg/L)												
Arsenic (As) ¹	10	1	0.77	-	-	1.7	2.2J	<3.4	<7.4	<0.19	<8.3	<8.3
Barium (Ba) ¹	2,000	400	-	-	-	-	-	-	-	-	230	358
Cadmium (Cd) ¹	5	0.5	<0.4	-	-	0.68	<0.08	<0.48	<0.7	<0.04	<1.3	<1.3
Total Chromium (Cr) ¹	100	10	3.2	-	-	0.81	2.6	1.8J	35	2.3	<2.5	2.7J
Copper (Cu) ¹	1,300	130	-	-	-	-	-	-	-	-	-	-
Lead (Pb) ¹	15	1.5	<1.1	-	-	1.5	1.1J	2.4J	<4.1	0.46J	<5.9	<5.9
Selenium (Se) ¹	50	10	-	-	-	-	-	-	-	-	<12.2	<12.2
Silver (Ag) ¹	50	10	-	-	-	-	-	-	-	-	<3.2	<12.2
Mercury (Hg) ¹	2	0.2	-	-	-	-	-	-	-	-	<0.084	<3.2
Inorganics (mg/L)												
Ammonia (as N) ¹	9.7	0.97	0.35	0.32	-	-	-	-	-	-	<0.26	<0.26
Chloride ⁵	250	125	19.7	20.1	-	-	-	-	-	-	8.6J	7.9J
Nitrate (as N) ¹	10	2	0.08	<0.08	-	-	-	-	-	-	<0.38	<0.22
Sulfate ²	250	125	13.4	11.4	-	-	-	-	-	-	<5.0	<2.2
Other												
Total Hardness (µg/L)	--	--	132	108	-	-	-	-	-	-	382,000	531,000
Alkalinity (Total as CaCO3)(mg/L)	--	--	178	161	-	-	-	-	-	-	424	569
Chemical Oxygen Demand (mg/L)	--	--	56	61	-	-	-	-	-	-	80.7	119

Notes:
µg/L - Parts Per Billion (ppb)
mg/L - Parts Per Million (ppm)
< = Concentration Below Laboratory Detection Limit
- = Not Sampled
-- = No Standard/Not Applicable
J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)
¹ = NR140 Table 1 Public Health Groundwater Quality Standard
² = NR140 Table 2 Public Welfare Groundwater Quality Standard

Bold	= Exceeds Enforcement Standard
Italic	= Exceeds Preventive Action Limit

Groundwater Analytical Table 2D
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln County, WI

Collected By-->			Northern Environmental								REI Engineering	
Sample-->			MW4									
Date-->			10/10/00	11/07/00	04/26/01	12/04/01	05/08/02	11/20/02	10/26/04	06/03/05	10/30/19	6/18/20
PAHs (µg/L)	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Acenaphthene	--	--	-	-	-	-	-	-	-	0.033	0.0085J	
Acenaphthylene	--	--	<0.28	0.50	-	-	-	-	-	0.017J	<0.0045	
Anthracene	3,000	600	-	-	-	-	-	-	-	<0.0099	<0.0094	
Benzo (a) Anthracene	--	--	<0.011	<0.011	-	-	-	-	-	0.0090J	<0.0068	
Benzo (a) Pyrene	0.2	0.02	0.015	<0.012	-	-	-	-	-	0.014J	<0.0095	
Benzo (b) Fluoranthene	0.2	0.02	-	-	-	-	-	-	-	0.025J	<0.0052	
Benzo (g,h,i) Perylene	--	--	0.13	<0.049	-	-	-	-	-	0.018J	<0.0061	
Benzo (k) Fluoranthene	--	--	-	-	-	-	-	-	-	0.016J	<0.0068	
Chrysene	0.2	0.02	-	-	-	-	-	-	-	0.016J	<0.012	
Dibenzo (a,h) Anthracene	--	--	<0.090	<0.090	-	-	-	-	-	<0.0095	<0.0090	
Fluoranthene	400	80	0.062	<0.033	-	-	-	-	-	<0.010	<0.0096	
Fluorene	400	80	-	-	-	-	-	-	-	0.13	0.021J	
Indeno (1,2,3-cd) Pyrene	--	--	-	-	-	-	-	-	-	<0.017	<0.016	
1-Methyl Naphthalene	--	--	2.4	5.6	-	-	-	-	-	3.2	0.41	
2-Methyl Naphthalene	--	--	6.6	9.2	-	-	-	-	-	4.5	0.52	
Naphthalene	100	10	14	14	-	-	-	-	-	2.5	0.27	
Phenanthrene	--	--	-	-	-	-	-	-	-	<0.013	<0.012	
Pyrene	250	50	-	-	-	-	-	-	-	0.010J	<0.0069	
Metals (µg/L)												
Arsenic (As) ¹	10	1	6.3	-	3	4.9	5.7	<3.4	<7.4	1	<8.3	<8.3
Barium (Ba) ¹	2,000	400	-	-	-	-	-	-	-	-	78.6	93.1
Cadmium (Cd) ¹	5	0.5	<0.4	-	2.5	2	<0.08	<0.48	<0.7	<0.04	<1.3	<1.3
Total Chromium (Cr) ¹	100	10	43.6	-	4.7	3.1	8.0	7.0	180	2.5	5.9J	3.0J
Copper (Cu) ¹	1,300	130	-	-	-	-	-	-	-	-	-	-
Lead (Pb) ¹	15	1.5	<1.1	-	<1.1	<1.4	1.1J	1.7J	<4.1	3.1	<5.9	<5.9
Selenium (Se) ¹	50	10	-	-	-	-	-	-	-	-	<12.2	<12.2
Silver (Ag) ¹	50	10	-	-	-	-	-	-	-	-	<3.2	<3.2
Mercury (Hg) ¹	2	0.2	-	-	-	-	-	-	-	-	<0.084	<0.084
Inorganics (mg/L)												
Ammonia (as N) ¹	9.7	0.97	1.13	0.69	-	-	-	-	-	-	<0.26	<0.26
Chloride ²	250	125	18.8	22.9	-	-	-	-	-	-	5.1J	4.0J
Nitrate (as N) ¹	10	2	0.11	<0.08	-	-	-	-	-	-	<0.38	<0.22
Sulfate ²	250	125	8.35	5.86	-	-	-	-	-	-	<5.0	5.1J
Other												
Total Hardness (µg/L)	--	--	184	173	-	-	-	-	-	-	69,500	128,000
Alkalinity (Total as CaCO3)(mg/L)	--	--	371	435	-	-	-	-	-	-	150	84.2
Chemical Oxygen Demand (mg/L)	--	--	130	143	-	-	-	-	-	-	65.6	29.0J

Notes:
µg/L - Parts Per Billion (ppb)
mg/L - Parts Per Million (ppm)
< = Concentration Below Laboratory Detection Limit
- = Not Sampled
-- = No Standard/Not Applicable
J = Estimated concentration at or above the Limit of Detection 'LOD' and below the Limit of Quantitation 'LOQ'
¹ = NR140 Table 1 Public Health Groundwater Quality Standard
² = NR140 Table 2 Public Welfare Groundwater Quality Standard

Bold	= Exceeds Enforcement Standard
<i>Italic</i>	= Exceeds Preventive Action Limit

Groundwater Analytical Table 2E
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln County, WI

Collected By-->			Northern Environmental								REI Engineering	
Sample-->			MW4A									
Date-->			10/10/00	11/07/00	04/26/01	12/04/01	05/08/02	11/20/02	10/26/04	06/03/05	10/30/19	6/18/20
PAHs (µg/L)	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Acenaphthene	--	--	-	-	-	-	-	-	-	-	<0.0056	<0.0056
Acenaphthylene	--	--	<0.28	<0.28	-	-	-	-	-	-	<0.0046	<0.0046
Anthracene	3,000	600	-	-	-	-	-	-	-	-	<0.0096	<0.0096
Benzo (a) Anthracene	--	--	<0.011	<0.011	-	-	-	-	-	-	0.0083J	<0.0069
Benzo (a) Pyrene	0.2	0.02	<0.012	<0.012	-	-	-	-	-	-	<0.0097	<0.0097
Benzo (b) Fluoranthene	0.2	0.02	-	-	-	-	-	-	-	-	0.0059J	<0.0053
Benzo (g,h,i) Perylene	--	--	<0.049	<0.049	-	-	-	-	-	-	<0.0062	<0.0062
Benzo (k) Fluoranthene	--	--	-	-	-	-	-	-	-	-	<0.0069	<0.0069
Chrysene	0.2	0.02	-	-	-	-	-	-	-	-	<0.012	<0.012
Dibenzo (a,h) Anthracene	--	--	<0.090	<0.090	-	-	-	-	-	-	<0.0092	<0.0092
Fluoranthene	400	80	0.13	0.11	-	-	-	-	-	-	0.015J	<0.0098
Fluorene	400	80	-	-	-	-	-	-	-	-	0.0077J	<0.0073
Indeno (1,2,3-cd) Pyrene	--	--	-	-	-	-	-	-	-	-	<0.016	<0.016
1-Methyl Naphthalene	--	--	<0.29	<0.29	-	-	-	-	-	-	0.0057J	0.013J
2-Methyl Naphthalene	--	--	<0.32	<0.32	-	-	-	-	-	-	0.0085J	0.0070J
Naphthalene	100	10	<0.30	<0.30	-	-	-	-	-	-	<0.017	<0.017
Phenanthrene	--	--	-	-	-	-	-	-	-	-	<0.013	<0.013
Pyrene	250	50	-	-	-	-	-	-	-	-	0.011J	0.0098J
Metals (µg/L)												
Arsenic (As) ¹	10	1	4.2	-	-	7.3	2.2J	4.1J	<7.4	0.91J	<8.3	<8.3
Barium (Ba) ¹	2,000	400	-	-	-	-	-	-	-	-	98.4	50.8
Cadmium (Cd) ¹	5	0.5	<0.4	-	-	0.35	<0.08	<0.48	<0.7	<0.04	<1.3	<1.3
Total Chromium (Cr) ¹	100	10	5.3	-	-	1.7	2.6	7.2	19	1.6	<2.5	<2.5
Copper (Cu) ¹	1,300	130	-	-	-	-	-	-	-	-	-	-
Lead (Pb) ¹	15	1.5	<1.1	-	-	<1.4	0.81J	4.5J	<4.1	0.42J	<5.9	<5.9
Selenium (Se) ¹	50	10	-	-	-	-	-	-	-	-	<12.2	<12.2
Silver (Ag) ¹	50	10	-	-	-	-	-	-	-	-	<3.2	<3.2
Mercury (Hg) ¹	2	0.2	-	-	-	-	-	-	-	-	<0.084	<0.084
Inorganics (mg/L)												
Ammonia (as N) ¹	9.7	0.97	<0.02	<0.02	-	-	-	-	-	-	<0.26	<0.26
Chloride ²	250	125	7.97	7.97	-	-	-	-	-	-	3.8J	2.0J
Nitrate (as N) ¹	10	2	0.08	<0.08	-	-	-	-	-	-	<0.38	<0.044
Sulfate ²	250	125	<4.0	<3.50	-	-	-	-	-	-	5.9J	6.5
Other												
Total Hardness (µg/L)	--	--	352	356	-	-	-	-	-	-	195,000	197,000
Alkalinity (Total as CaCO3)(mg/L)	--	--	417	420	-	-	-	-	-	-	215	207
Chemical Oxygen Demand (mg/L)	--	--	44	80	-	-	-	-	-	-	78.1	46.2J

Notes:

µg/L - Parts Per Billion (ppb)

mg/L - Parts Per Million (ppm)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled

-- = No Standard/Not Applicable

J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

¹ = NR140 Table 1 Public Health Groundwater Quality Standard

² = NR140 Table 2 Public Welfare Groundwater Quality Standard

Bold	= Exceeds Enforcement Standard
<i>Italic</i>	= Exceeds Preventive Action Limit

Groundwater Analytical Table 2F
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln County, WI

Collected By-->			Northern Environmental								REI Engineering	
Sample-->			MWS									
Date-->			10/10/00	11/07/00	04/26/01	12/04/01	05/08/02	11/20/02	10/26/04	06/03/05	10/30/19	6/18/20
PAHs (µg/L)	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Acenaphthene	--	--	-	-	-	-	-	-	-	-	<0.0055	<0.0054
Acenaphthylene	--	--	<0.28	<0.28	-	-	-	-	-	-	<0.0045	<0.0044
Anthracene	3,000	600	-	-	-	-	-	-	-	-	<0.0095	<0.0093
Benzo (a) Anthracene	--	--	<0.011	<0.011	-	-	-	-	-	-	<0.0069	<0.0067
Benzo (a) Pyrene	0.2	0.02	<0.012	<0.012	-	-	-	-	-	-	<0.0096	<0.0094
Benzo (b) Fluoranthene	0.2	0.02	-	-	-	-	-	-	-	-	<0.0052	<0.0051
Benzo (g,h,i) Perylene	--	--	<0.049	<0.049	-	-	-	-	-	-	<0.0062	<0.0061
Benzo (k) Fluoranthene	--	--	-	-	-	-	-	-	-	-	<0.0069	<0.0067
Chrysene	0.2	0.02	-	-	-	-	-	-	-	-	<0.012	<0.012
Dibenzo (a,h) Anthracene	--	--	<0.090	<0.090	-	-	-	-	-	-	<0.0091	<0.0089
Fluoranthene	400	80	<0.033	<0.033	-	-	-	-	-	-	<0.0097	<0.0095
Fluorene	400	80	-	-	-	-	-	-	-	-	<0.0072	0.0082J
Indeno (1,2,3-cd) Pyrene	--	--	-	-	-	-	-	-	-	-	<0.016	<0.016
1-Methyl Naphthalene	--	--	<0.29	<0.29	-	-	-	-	-	-	<0.0054	0.0064J
2-Methyl Naphthalene	--	--	<0.32	<0.32	-	-	-	-	-	-	<0.0045	0.024
Naphthalene	100	10	2.9	3.4	-	-	-	-	-	-	<0.017	<0.016
Phenanthrene	--	--	-	-	-	-	-	-	-	-	<0.013	<0.012
Pyrene	250	50	-	-	-	-	-	-	-	-	0.010J	<0.0068
Metals (µg/L)												
Arsenic (As) ¹	10	1	2.2	-	3.2	<1.3	<1.3	<3.4	<7.4	<0.19	<8.3	<8.3
Barium (Ba) ¹	2,000	400	-	-	-	-	-	-	-	-	54.6	53.7
Cadmium (Cd) ¹	5	0.5	<0.40	-	0.93	<0.35	0.73	<0.48	<0.7	<0.04	3.4J	1.6J
Total Chromium (Cr) ¹	100	10	6.6	-	8.1	2	1.1J	1.3J	<3.1	0.46J	<2.5	<2.5
Copper (Cu) ¹	1,300	130	-	-	-	-	-	-	-	-	-	-
Lead (Pb) ¹	15	1.5	7.3	-	2.3	2.1	10	3.7J	<4.1	0.44J	<5.9	<5.9
Selenium (Se) ¹	50	10	-	-	-	-	-	-	-	-	<12.2	<12.2
Silver (Ag) ¹	50	10	-	-	-	-	-	-	-	-	<3.2	<3.2
Mercury (Hg) ¹	2	0.2	-	-	-	-	-	-	-	-	<0.084	<0.084
Inorganics (mg/L)												
Ammonia (as N) ¹	9.7	0.97	0.14	<0.02	-	-	-	-	-	-	<0.26	<0.26
Chloride ²	250	125	7.95	7.56	-	-	-	-	-	-	2.8J	2.7J
Nitrate (as N) ¹	10	2	0.10	<0.08	-	-	-	-	-	-	0.70J	0.70J
Sulfate ²	250	125	<4.0	3.73	-	-	-	-	-	-	<5.0	3.1J
Other												
Total Hardness (µg/L)	--	--	442	416	-	-	-	-	-	-	75,600	159,000
Alkalinity (Total as CaCO3)(mg/L)	--	--	497	487	-	-	-	-	-	-	200	197
Chemical Oxygen Demand (mg/L)	--	--	50	131	-	-	-	-	-	-	44.1J	37.6J

Notes:
µg/L - Parts Per Billion (ppb)
mg/L - Parts Per Million (ppm)
< = Concentration Below Laboratory Detection Limit
- = Not Sampled
-- = No Standard/Not Applicable
J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)
¹ = NR140 Table 1 Public Health Groundwater Quality Standard
² = NR140 Table 2 Public Welfare Groundwater Quality Standard

Bold	= Exceeds Enforcement Standard
<i>Italic</i>	= Exceeds Preventive Action Limit

Groundwater Analytical Table 2G
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln County, WI

Collected By-->			Northern Environmental								REI Engineering	
Sample-->			MW6									
Date-->			10/10/00	11/07/00	04/26/01	12/04/01	05/08/02	11/20/02	10/26/04	06/03/05	10/30/19	6/18/20
PAHs (µg/L)	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Acenaphthene	--	--	-	-	-	-	-	-	-	-	<0.0056	0.0090J
Acenaphthylene	--	--	<0.28	<0.32	-	-	-	-	-	-	<0.0046	<0.0047
Anthracene	3,000	600	-	-	-	-	-	-	-	-	<0.0096	<0.0098
Benzo (a) Anthracene	--	--	<0.011	<0.013	-	-	-	-	-	-	<0.0069	<0.0071
Benzo (a) Pyrene	0.2	0.02	<0.012	<0.014	-	-	-	-	-	-	<0.0097	<0.0098
Benzo (b) Fluoranthene	0.2	0.02	-	-	-	-	-	-	-	-	<0.0053	<0.0054
Benzo (g,h,i) Perylene	--	--	<0.049	<0.056	-	-	-	-	-	-	<0.0062	<0.0063
Benzo (k) Fluoranthene	--	--	-	-	-	-	-	-	-	-	<0.0069	<0.0071
Chrysene	0.2	0.02	-	-	-	-	-	-	-	-	<0.012	<0.012
Dibenzo (a,h) Anthracene	--	--	<0.090	<0.10	-	-	-	-	-	-	<0.0092	<0.0094
Fluoranthene	400	80	<0.033	<0.038	-	-	-	-	-	-	<0.0098	<0.010
Fluorene	400	80	-	-	-	-	-	-	-	-	<0.0073	<0.013J
Indeno (1,2,3-cd) Pyrene	--	--	-	-	-	-	-	-	-	-	<0.016	<0.016
1-Methyl Naphthalene	--	--	<0.29	<0.33	-	-	-	-	-	-	<0.0054	0.15
2-Methyl Naphthalene	--	--	<0.32	<0.37	-	-	-	-	-	-	<0.0045	0.11
Naphthalene	100	10	<0.30	<0.34	-	-	-	-	-	-	<0.017	0.42
Phenanthrene	--	--	-	-	-	-	-	-	-	-	<0.013	<0.013
Pyrene	250	50	-	-	-	-	-	-	-	-	<0.0070	<0.0071
Metals (µg/L)												
Arsenic (As) ¹	10	1	2.7	-	-	<1.3	<i>2.5J</i>	<3.4	<7.4	0.74	10.2J	<8.3
Barium (Ba) ¹	2,000	400	-	-	-	-	-	-	-	-	26.6	22.8
Cadmium (Cd) ¹	5	0.5	<0.40	-	-	<0.35	0.23	<i>0.74J</i>	<0.7	<0.04	<i>2.9J</i>	<1.3
Total Chromium (Cr) ¹	100	10	3.8	-	-	<0.71	1.7J	1.3J	<3.1	0.82J	<2.5	<2.5
Copper (Cu) ¹	1,300	130	-	-	-	-	-	-	-	-	-	-
Lead (Pb) ¹	15	1.5	<i><1.1</i>	-	-	<1.4	<i>1.6J</i>	<i>1.8J</i>	<4.1	0.45J	<5.9	<i>11.6J</i>
Selenium (Se) ¹	50	10	-	-	-	-	-	-	-	-	<12.2	<12.2
Silver (Ag) ¹	50	10	-	-	-	-	-	-	-	-	<3.2	<3.2
Mercury (Hg) ¹	2	0.2	-	-	-	-	-	-	-	-	<0.084	<0.084
Inorganics (mg/L)												
Ammonia (as N) ¹	9.7	0.97	<0.02	<0.02	-	-	-	-	-	-	0.28J	<0.26
Chloride ²	250	125	1.26	1.03	-	-	-	-	-	-	3.3J	2.5J
Nitrate (as N) ¹	10	2	0.10	<0.08	-	-	-	-	-	-	<0.38	<0.22
Sulfate ²	250	125	<4.0	<3.50	-	-	-	-	-	-	<5.0	<2.2
Other												
Total Hardness (µg/L)	--	--	197	180	-	-	-	-	-	-	125,000	107,000
Alkalinity (Total as CaCO3)(mg/L)	--	--	217	205	-	-	-	-	-	-	138	89.8
Chemical Oxygen Demand (mg/L)	--	--	27	20	-	-	-	-	-	-	63.5	39.8J

Notes:
µg/L - Parts Per Billion (ppb)
mg/L - Parts Per Million (ppm)
< = Concentration Below Laboratory Detection Limit
- = Not Sampled
-- = No Standard/Not Applicable
J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)
¹ = NR140 Table 1 Public Health Groundwater Quality Standard
² = NR140 Table 2 Public Welfare Groundwater Quality Standard

Bold	= Exceeds Enforcement Standard
<i>Italic</i>	= Exceeds Preventive Action Limit

Groundwater Analytical Table 2H
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln County, WI

Collected By-->			Northern Environmental								REI Engineering	
Sample-->			MW7									
Date-->			10/10/00	11/07/00	04/26/01	12/04/01	05/08/02	11/20/02	10/26/04	06/03/05	10/30/19	6/18/20
PAHs (µg/L)	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Acenaphthene	--	--	-	-	-	-	-	-	-	-	<0.0055	<0.0056
Acenaphthylene	--	--	<0.28	<0.28	-	-	-	-	-	-	<0.0045	<0.0046
Anthracene	3,000	600	-	-	-	-	-	-	-	-	<0.0095	<0.0097
Benzo (a) Anthracene	--	--	<0.011	<0.011	-	-	-	-	-	-	0.026J	<0.0070
Benzo (a) Pyrene	0.2	0.02	<0.012	<0.012	-	-	-	-	-	-	0.042J	<0.0098
Benzo (b) Fluoranthene	0.2	0.02	-	-	-	-	-	-	-	-	0.051	<0.0053
Benzo (g,h,i) Perylene	--	--	<0.049	<0.049	-	-	-	-	-	-	0.042	<0.0063
Benzo (k) Fluoranthene	--	--	-	-	-	-	-	-	-	-	0.022J	<0.0070
Chrysene	0.2	0.02	-	-	-	-	-	-	-	-	0.040J	<0.012
Dibenzo (a,h) Anthracene	--	--	<0.090	<0.090	-	-	-	-	-	-	<0.0091	<0.0093
Fluoranthene	400	80	<0.033	<0.033	-	-	-	-	-	-	0.035J	<0.0099
Fluorene	400	80	-	-	-	-	-	-	-	-	<0.0072	<0.0074
Indeno (1,2,3-cd) Pyrene	--	--	-	-	-	-	-	-	-	-	0.029J	<0.016
1-Methyl Naphthalene	--	--	<0.29	<0.29	-	-	-	-	-	-	0.0057J	<0.0055
2-Methyl Naphthalene	--	--	<0.32	<0.32	-	-	-	-	-	-	<0.0045	<0.0045
Naphthalene	100	10	<0.30	<0.30	-	-	-	-	-	-	<0.017	<0.017
Phenanthrene	--	--	-	-	-	-	-	-	-	-	<0.013	<0.013
Pyrene	250	50	-	-	-	-	-	-	-	-	0.047	<0.0071
Metals (µg/L)												
Arsenic (As) ¹	10	1	0.76	-	<1.3	<1.3	<1.3	<3.4	<7.4	<0.19	<8.3	<8.3
Barium (Ba) ¹	2,000	400	-	-	-	-	-	-	-	-	18.8	<8.9
Cadmium (Cd) ¹	5	0.5	<0.40	-	<0.4	<0.35	<0.08	<0.48	<0.7	<0.04	<1.3	<1.3
Total Chromium (Cr) ¹	100	10	2.8	-	<1.1	<0.71	2.1	1.3J	<3.1	0.19J	8.6J	<2.5
Copper (Cu) ¹	1,300	130	-	-	-	-	-	-	-	-	-	-
Lead (Pb) ¹	15	1.5	3.4	-	<1.1	<1.4	3.6	2.7J	<4.1	1.9	20.8	12.0J
Selenium (Se) ¹	50	10	-	-	-	-	-	-	-	-	<12.2	<12.2
Silver (Ag) ¹	50	10	-	-	-	-	-	-	-	-	<3.2	<3.2
Mercury (Hg) ¹	2	0.2	-	-	-	-	-	-	-	-	<0.084	<0.084
Inorganics (mg/L)												
Ammonia (as N) ¹	9.7	0.97	<0.02	<0.02	-	-	-	-	-	-	<0.26	<0.26
Chloride ²	250	125	0.818	0.818	-	-	-	-	-	-	<2.5	0.77J
Nitrate (as N) ¹	10	2	0.13	0.08	-	-	-	-	-	-	<0.38	<0.044
Sulfate ²	250	125	9.15	8.1	-	-	-	-	-	-	9.6J	7.5
Other												
Total Hardness (µg/L)	--	--	74.1	72.5	-	-	-	-	-	-	72,100	37,400
Alkalinity (Total as CaCO3)(mg/L)	--	--	37.6	36.9	-	-	-	-	-	-	127	30.7
Chemical Oxygen Demand (mg/L)	--	--	<18.0	<18.0	-	-	-	-	-	-	130	20.4J

Notes:

µg/L - Parts Per Billion (ppb)

mg/L - Parts Per Million (ppm)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled

-- = No Standard/Not Applicable

J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

¹ = NR140 Table 1 Public Health Groundwater Quality Standard

² = NR140 Table 2 Public Welfare Groundwater Quality Standard

Bold	= Exceeds Enforcement Standard
<i>Italic</i>	= Exceeds Preventive Action Limit

Groundwater Analytical Table 2I
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln County, WI

Collected By-->			Northern Environmental								REI Engineering	
Sample-->			MW8									
Date-->			10/10/00	11/07/00	04/26/01	12/04/01	05/08/02	11/20/02	10/26/04	06/03/05	10/30/19	6/18/20
PAHs (µg/L)	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Acenaphthene	--	--	-	-	-	-	-	-	-	-	<0.0056	<0.0056
Acenaphthylene	--	--	<0.28	<0.28	-	-	-	-	-	-	<0.0046	<0.0046
Anthracene	3,000	600	-	-	-	-	-	-	-	-	<0.0097	<0.0096
Benzo (a) Anthracene	--	--	<0.011	<0.011	-	-	-	-	-	-	<0.0070	<0.0069
Benzo (a) Pyrene	0.2	0.02	<0.012	<0.012	-	-	-	-	-	-	<0.0098	<0.0097
Benzo (b) Fluoranthene	0.2	0.02	-	-	-	-	-	-	-	-	<0.0053	0.0090J
Benzo (g,h,i) Perylene	--	--	<0.049	<0.049	-	-	-	-	-	-	<0.0063	0.0096J
Benzo (k) Fluoranthene	--	--	-	-	-	-	-	-	-	-	<0.0070	0.013J
Chrysene	0.2	0.02	-	-	-	-	-	-	-	-	<0.012	0.017J
Dibenzo (a,h) Anthracene	--	--	<0.090	<0.090	-	-	-	-	-	-	<0.0093	<0.0092
Fluoranthene	400	80	<0.033	<0.033	-	-	-	-	-	-	<0.0099	<0.0098
Fluorene	400	80	-	-	-	-	-	-	-	-	<0.0074	<0.0073
Indeno (1,2,3-cd) Pyrene	--	--	-	-	-	-	-	-	-	-	<0.016	<0.016
1-Methyl Naphthalene	--	--	<0.29	<0.29	-	-	-	-	-	-	0.0079J	<0.0054
2-Methyl Naphthalene	--	--	<0.32	<0.32	-	-	-	-	-	-	0.0077J	0.0045J
Naphthalene	100	10	<0.30	<0.30	-	-	-	-	-	-	<0.017	<0.017
Phenanthrene	--	--	-	-	-	-	-	-	-	-	<0.013	<0.013
Pyrene	250	50	-	-	-	-	-	-	-	-	<0.0071	<0.0070
Metals (µg/L)												
Arsenic (As) ¹	10	1	1.5	-	<1.3	<1.3	<1.3	<3.4	<7.4	<0.19	<8.3	<8.3
Barium (Ba) ¹	2,000	400	-	-	-	-	-	-	-	-	23.7	8.0
Cadmium (Cd) ¹	5	0.5	1.9	-	<0.4	<0.35	0.36	<0.48	<0.7	<0.04	1.6J	<1.3
Total Chromium (Cr) ¹	100	10	7.0	-	<1.1	1.8	0.74J	1.7J	<3.1	<0.13	3.8J	<2.5
Copper (Cu) ¹	1,300	130	-	-	-	-	-	-	-	-	-	-
Lead (Pb) ¹	15	1.5	14.2	-	<1.1	<1.4	2.2J	3.4J	<4.1	0.46J	<5.9	<5.9
Selenium (Se) ¹	50	10	-	-	-	-	-	-	-	-	<12.2	<12.2
Silver (Ag) ¹	50	10	-	-	-	-	-	-	-	-	<3.2	<3.2
Mercury (Hg) ¹	2	0.2	-	-	-	-	-	-	-	-	<0.084	<0.084
Inorganics (mg/L)												
Ammonia (as N) ¹	9.7	0.97	<0.02	<0.02	-	-	-	-	-	-	<0.26	<0.26
Chloride ²	250	125	0.786	<0.65	-	-	-	-	-	-	<2.5	0.76J
Nitrate (as N) ¹	10	2	0.11	<0.08	-	-	-	-	-	-	<0.38	0.048J
Sulfate ²	250	125	4.77	4.08	-	-	-	-	-	-	<5.0	1.6J
Other												
Total Hardness (µg/L)	--	--	13.7	7.6	-	-	-	-	-	-	12,000	6,710
Alkalinity (Total as CaCO3)(mg/L)	--	--	0.786	<0.65	-	-	-	-	-	-	<7.0	<7.4
Chemical Oxygen Demand (mg/L)	--	--	20.0	<18.0	-	-	-	-	-	-	188	<14.7

Notes:
µg/L - Parts Per Billion (ppb)
mg/L - Parts Per Million (ppm)
< = Concentration Below Laboratory Detection Limit
- = Not Sampled
-- = No Standard/Not Applicable
J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)
¹ = NR140 Table 1 Public Health Groundwater Quality Standard
² = NR140 Table 2 Public Welfare Groundwater Quality Standard

Bold	= Exceeds Enforcement Standard
<i>Italic</i>	= Exceeds Preventive Action Limit

Groundwater Analytical Table 2J
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln County, WI

Collected By-->			Northern Environmental								REI Engineering	
Sample-->			MW9									
Date-->			10/10/00	11/07/00	04/26/01	12/04/01	05/08/02	11/20/02	10/26/04	06/03/05	10/30/19	6/18/20
PAHs (µg/L)	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Acenaphthene	--	--	-	-	-	-	-	-	-	-	<0.0056	<0.0056
Acenaphthylene	--	--	<0.28	<0.28	-	-	-	-	-	-	<0.0046	<0.0046
Anthracene	3,000	600	-	-	-	-	-	-	-	-	<0.0096	<0.0096
Benzo (a) Anthracene	--	--	0.012	<0.011	-	-	-	-	-	-	<0.0069	<0.0069
Benzo (a) Pyrene	0.2	0.02	0.014	<0.012	-	-	-	-	-	-	<0.0097	<0.0097
Benzo (b) Fluoranthene	0.2	0.02	-	-	-	-	-	-	-	-	<0.0053	<0.0053
Benzo (g,h,i) Perylene	--	--	<0.049	<0.049	-	-	-	-	-	-	<0.0062	<0.0062
Benzo (k) Fluoranthene	--	--	-	-	-	-	-	-	-	-	<0.0069	<0.0069
Chrysene	0.2	0.02	-	-	-	-	-	-	-	-	<0.012	<0.012
Dibenzo (a,h) Anthracene	--	--	0.70	<0.090	-	-	-	-	-	-	<0.0092	<0.0092
Fluoranthene	400	80	<0.033	0.048	-	-	-	-	-	-	<0.0098	<0.0098
Fluorene	400	80	-	-	-	-	-	-	-	-	<0.0073	<0.0073
Indeno (1,2,3-cd) Pyrene	--	--	-	-	-	-	-	-	-	-	<0.016	<0.016
1-Methyl Naphthalene	--	--	<0.29	<0.29	-	-	-	-	-	-	<0.0054	<0.0054
2-Methyl Naphthalene	--	--	<0.32	<0.32	-	-	-	-	-	-	<0.0045	<0.0045
Naphthalene	100	10	<0.30	<0.30	-	-	-	-	-	-	<0.017	<0.017
Phenanthrene	--	--	-	-	-	-	-	-	-	-	<0.013	<0.013
Pyrene	250	50	-	-	-	-	-	-	-	-	<0.0070	<0.0070
Metals (µg/L)												
Arsenic (As) ¹	10	1	11.4	-	<i>3.1</i>	<i>1.5</i>	<i>2.4J</i>	<i>4.7J</i>	<7.4	<0.19	<8.3	<8.3
Barium (Ba) ¹	2,000	400	-	-	-	-	-	-	-	-	27.9	37.2
Cadmium (Cd) ¹	5	0.5	<0.4	-	<0.4	<0.35	<0.08	<0.48	<0.7	<0.04	<1.3	<1.3
Total Chromium (Cr) ¹	100	10	77.7	-	12.7	3.4	36.0	120.0	150	0.53J	127	5.9J
Copper (Cu) ¹	1,300	130	-	-	-	-	-	-	-	-	-	-
Lead (Pb) ¹	15	1.5	3.8	-	1.2	<1.4	4.7	17	<4.1	0.46J	<5.9	<5.9
Selenium (Se) ¹	50	10	-	-	-	-	-	-	-	-	<12.2	<12.2
Silver (Ag) ¹	50	10	-	-	-	-	-	-	-	-	<3.2	<3.2
Mercury (Hg) ¹	2	0.2	-	-	-	-	-	-	-	-	<0.084	<0.084
Inorganics (mg/L)												
Ammonia (as N) ¹	9.7	0.97	0.05	<0.02	-	-	-	-	-	-	<0.26	<0.26
Chloride ²	250	125	4.71	2.04	-	-	-	-	-	-	<2.5	<2.2
Nitrate (as N) ¹	10	2	0.10	<0.08	-	-	-	-	-	-	<0.38	<0.22
Sulfate ²	250	125	15.8	14.1	-	-	-	-	-	-	14.7J	10.2
Other												
Total Hardness (µg/L)	--	--	267	110	-	-	-	-	-	-	28,200	19,200
Alkalinity (Total as CaCO3)(mg/L)	--	--	48.4	48.8	-	-	-	-	-	-	24.3	<7.4
Chemical Oxygen Demand (mg/L)	--	--	26.0	122	-	-	-	-	-	-	48.4J	137

Notes:
µg/L - Parts Per Billion (ppb)
mg/L - Parts Per Million (ppm)
< = Concentration Below Laboratory Detection Limit
- = Not Sampled
-- = No Standard/Not Applicable
J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)
¹ = NR140 Table 1 Public Health Groundwater Quality Standard
² = NR140 Table 2 Public Welfare Groundwater Quality Standard

Bold	= Exceeds Enforcement Standard
<i>Italic</i>	= Exceeds Preventive Action Limit

Groundwater Analytical Table 2K
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln Couty, WI

Collected By-->			Northern Environmental								REI Engineering	
Sample-->			MW10									
Date-->			10/10/00	11/07/00	04/26/01	12/04/01	05/08/02	11/20/02	10/26/04	06/03/05	10/30/19	6/18/20
PAHs (µg/L)	Enforcement Standard (ES)	Preventive Action Limit (PAL)										
Acenaphthene	--	--	-	-	-	-	-	-	-	-	<0.0058	<0.0057
Acenaphthylene	--	--	<0.28	<0.28	-	-	-	-	-	-	<0.0047	<0.0047
Anthracene	3,000	600	-	-	-	-	-	-	-	-	<0.010	<0.0098
Benzo (a) Anthracene	--	--	<0.011	<0.011	-	-	-	-	-	-	<0.0072	<0.0071
Benzo (a) Pyrene	0.2	0.02	<0.012	<0.012	-	-	-	-	-	-	<0.010	<0.0098
Benzo (b) Fluoranthene	0.2	0.02	-	-	-	-	-	-	-	-	<0.0055	<0.0054
Benzo (g,h,i) Perylene	--	--	<0.049	<0.049	-	-	-	-	-	-	<0.0065	<0.0063
Benzo (k) Fluoranthene	--	--	-	-	-	-	-	-	-	-	<0.0072	<0.0071
Chrysene	0.2	0.02	-	-	-	-	-	-	-	-	<0.012	<0.012
Dibenzo (a,h) Anthracene	--	--	<0.090	<0.090	-	-	-	-	-	-	<0.0095	<0.0094
Fluoranthene	400	80	<0.033	<0.033	-	-	-	-	-	-	<0.010	<0.010
Fluorene	400	80	-	-	-	-	-	-	-	-	<0.0076	<0.0074
Indeno (1,2,3-cd) Pyrene	--	--	-	-	-	-	-	-	-	-	<0.017	<0.016
1-Methyl Naphthalene	--	--	<0.29	<0.29	-	-	-	-	-	-	0.0063J	0.0055
2-Methyl Naphthalene	--	--	<0.32	<0.32	-	-	-	-	-	-	0.0051J	0.0046
Naphthalene	100	10	<0.30	<0.30	-	-	-	-	-	-	<0.017	<0.017
Phenanthrene	--	--	-	-	-	-	-	-	-	-	<0.013	<0.013
Pyrene	250	50	-	-	-	-	-	-	-	-	<0.0073	<0.0071
Metals (µg/L)												
Arsenic (As) ¹	10	1	8	-	2.3	2.4	1.7J	<3.4	<7.4	2.1	<8.3	<8.3
Barium (Ba) ¹	2,000	400	-	-	-	-	-	-	-	-	97.6	34.5
Cadmium (Cd) ¹	5	0.5	<0.4	-	0.47	0.48	0.33	<0.48	<0.7	<0.04	<1.3	<1.3
Total Chromium (Cr) ¹	100	10	50.4	-	6.8	2.8	8.0	8.1	80	1.8	<5.1	<2.5
Copper (Cu) ¹	1,300	130	-	-	-	-	-	-	-	-	-	-
Lead (Pb) ¹	15	1.5	2.5	-	<1.1	<1.4	1.4J	3.2J	<4.1	0.46J	<11.8	<5.9
Selenium (Se) ¹	50	10	-	-	-	-	-	-	-	-	<12.2	<12.2
Silver (Ag) ¹	50	10	-	-	-	-	-	-	-	-	<3.2	<3.2
Mercury (Hg) ¹	2	0.2	-	-	-	-	-	-	-	-	<0.084	<0.084
Inorganics (mg/L)												
Ammonia (as N) ¹	9.7	0.97	<0.02	<0.02	-	-	-	-	-	-	0.48J	<0.26
Chloride ²	250	125	1.24	0.812	-	-	-	-	-	-	<2.5	<2.2
Nitrate (as N) ¹	10	2	<0.08	0.08	-	-	-	-	-	-	<0.38	<0.22
Sulfate ²	250	125	13.3	10.3	-	-	-	-	-	-	<5.0	7.1J
Other												
Total Hardness (µg/L)	--	--	253	201	-	-	-	-	-	-	334,000	77,800
Alkalinity (Total as CaCO3)(mg/L)	--	--	211	208	-	-	-	-	-	-	324	57.2
Chemical Oxygen Demand (mg/L)	--	--	<18	58	-	-	-	-	-	-	145	33.3J

Notes:

µg/L - Parts Per Billion (ppb)

mg/L - Parts Per Million (ppm)

< = Concentration Below Laboratory Detection Limit

- = Not Sampled

-- = No Standard/Not Applicable

J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

¹ = NR140 Table 1 Public Health Groundwater Quality Standard

² = NR140 Table 2 Public Welfare Groundwater Quality Standard

Bold	= Exceeds Enforcement Standard
<i>Italic</i>	= Exceeds Preventive Action Limit

**Groundwater Analytical Table 3
Tomahawk Tissue/Georgia Pacific (#1878)
Town of Bradley, Lincoln County, WI**

Collected By-->				Northern Env.	REI Engineering		Northern Env.	REI Engineering		Northern Env.	REI Engineering	
Sample -->				MW3			MW4			MW10		
Date-->				10/10/00	10/30/19	6/18/20	10/10/00	10/30/19	6/18/20	10/10/00	10/30/19	6/18/20
Dioxin Congeners (pg/L)	CAS Number	Enforcement Standard (ES)	Preventive Action Limit (PAL)									
2,3,7,8-TCDD	1746-01-6	30	3	-	<10	<9.6	-	<10	<9.8	-	<10	<9.7
1,2,3,7,8-PeCDD	36088-22-9	--	--	-	<50	<48	-	<50	<49	-	<50	<49
1,2,3,4,7,8-HxCDD	39227-28-6	--	--	-	<50	<48	-	<50	<49	-	<50	<49
1,2,3,6,7,8-HxCDD	57653-85-7	--	--	-	<50	<48	-	<50	<49	-	<50	<49
1,2,3,7,8,9-HxCDD	19408-74-3	--	--	-	<50	<48	-	<50	<49	-	<50	<49
1,2,3,4,6,7,8-HpCDD	35822-46-9	--	--	-	<50	<48	-	<50	<49	-	<50	<49
OCDD	3268-87-9	--	--	32.8	<100	<96	38.6	<100	<98	<4.2	<100	<97
Total TCDD	--	--	--	-	<10	<9.6	-	<10	<9.8	-	<10	<9.7
Total PeCDD	--	--	--	-	<50	<48	-	<50	<49	-	<50	<49
Total HxCDD	--	--	--	-	<50	<48	-	<50	<49	-	<50	<49
Total HpCDD	--	--	--	-	<50	<48	-	<50	<49	-	<50	<49
Furan Congeners (pg/L)												
2,3,7,8-TCDF	51207-31-9	--	--	-	<10	<9.6	-	<10	<9.8	-	<10	<9.7
1,2,3,7,8-PeCDF	57117-41-6	--	--	-	<50	<48	-	<50	<49	-	<50	<49
2,3,4,7,8-PeCDF	57117-31-4	--	--	-	<50	<48	-	<50	<49	-	<50	<49
1,2,3,4,7,8-HxCDF	70648-26-9	--	--	-	<50	<48	-	<50	<49	-	<50	<49
1,2,3,6,7,8-HxCDF	57117-44-9	--	--	-	<50	<48	-	<50	<49	-	<50	<49
2,3,4,6,7,8-HxCDF	60851-34-5	--	--	-	<50	<48	-	<50	<49	-	<50	<49
1,2,3,7,8,9-HxCDF	72918-21-9	--	--	-	<50	<48	-	<50	<49	-	<50	<49
1,2,3,4,6,7,8-HpCDF	67562-39-4	--	--	-	<50	<48	-	<50	<49	-	<50	<49
1,2,3,4,7,8,9-HpCDF	55673-89-7	--	--	-	<50	<48	-	<50	<48	-	<50	<49
OCDF	39001-02-0	--	--	-	<100	<96	-	<100	<98	-	<100	<97
Total TCDF	--	--	--	-	<10	<9.6	-	<10	<9.8	-	<10	<9.7
Total PeCDF	--	--	--	-	<50	<48	-	<50	<49	-	<50	<49
Total HxCDF	--	--	--	-	<50	<48	-	<50	<49	-	<50	<49
Total HpCDF	--	--	--	5.8	<50	<48	<2.4	57	55	<2.2	<50	<49

Notes:

pg/L - Parts Per Trillion (ppt)

< = Concentration Below Laboratory Detection Limit

-- = Not Sampled/Not Reported

- = No Standard/Not Applicable

J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

¹ = NR140 Table 1 Public Health Groundwater Quality Standard

² = NR140 Table 2 Public Welfare Groundwater Quality Standard

Bold	= Exceeds Enforcement Standard
<i>Italic</i>	= Exceeds Preventive Action Limit

TCDD: Tetrachlorodibenzo-p-dioxin

PeCDD: Pentachlorodibenzo-p-dioxin

HxCDD: Hexachlorodibenzo-p-dioxin

HPeCDD: Heptachlorodibenzo-p-dioxin

OCDD: Octachlorodibenzo-p-dioxin

TCDF: Tetrachlorodibenzofuran

PeCDF: Pentachlorodibenzofuran

HxCDF: Hexachlorodibenzofuran

HPeCDF: Heptachlorodibenzofuran

OCDF: Octachlorodibenzofuran

Groundwater Analytical Table 4
Tomahawk Tissue/Georgia Pacific (#1878)
Town of Bradley, Lincoln County, WI

	MW1	MW2	MW3	MW4	MW5	MW6	MW7	MW8	MW9	MW10	MW4A
Reference Elevation* (TOC)	1489.35	1489.98	1477.02	1481.30	1478.02	1478.72	1486.80	1490.01	1494.53	1494.30	1481.30
Ground Elevation	1487.31	1488.43	1475.12	1478.02	1476.70	1475.53	1484.18	1489.14	1492.07	1491.99	1478.02
Top of Well Screen Elevation											
Length of Well Screen											
Depth to Water (feet)											
Date											
10/10/2000**	12.16	14.49	6.14	9.72	5.94	6.90	7.81	9.64	14.00	17.51	10.01
11/7/2000**	10.64	14.82	6.09	9.47	5.86	6.73	8.09	10.22	14.54	17.91	9.83
4/26/2001**	x	11.91	x	8.66	4.11	x	3.84	6.78	11.18	16.15	x
12/4/2001**	10.94	13.51	5.09	9.15	5.27	6.17	6.20	8.97	13.33	16.88	9.50
5/8/2002**	6.86	10.09	3.80	8.32	3.40	4.79	3.00	3.38	6.91	11.96	8.60
11/20/2002**	8.64	11.63	5.09	9.24	5.18	6.15	5.39	6.90	10.38	14.53	9.48
10/26/2004**	13.46	15.47	6.77	10.14	6.41	7.23	9.53	10.80	14.91	18.40	10.41
6/3/2005**	10.39	13.03	5.55	9.75	5.70	6.75	8.78	7.46	11.56	15.85	10.01
10/30/2019	8.70	11.85	5.17	9.26	5.15	6.13	5.80	7.55	10.88	14.96	9.49
6/18/2020	7.80	10.59	5.84	9.31	5.01	5.95	4.95	5.01	8.24	13.01	9.39
Water Level Elevation (feet MSL)											
Date											
10/10/2000	1477.19	1475.49	1470.88	1471.58	1472.08	1471.82	1478.99	1480.37	1480.53	1476.79	1471.29
11/7/2000	1476.67	1473.61	1469.03	1468.55	1470.84	1468.80	1476.09	1478.92	1477.53	1474.08	1468.19
4/26/2001**	x	1478.07	x	1472.64	1473.91	x	1482.96	1483.23	1483.35	1478.15	x
12/4/2001**	1478.41	1476.47	1471.93	1472.15	1472.75	1472.55	1480.60	1481.04	1481.20	1477.42	1471.80
5/8/2002**	1482.49	1479.89	1473.22	1472.98	1474.62	1473.93	1483.80	1486.63	1487.62	1482.34	1472.70
11/20/2002**	1480.71	1478.35	1471.93	1472.06	1472.84	1472.57	1481.41	1483.11	1484.15	1479.77	1471.82
10/26/2004**	1475.89	1474.51	1470.25	1471.16	1471.61	1471.49	1477.27	1479.21	1479.62	1475.90	1470.89
6/3/2005**	1478.96	1476.95	1471.47	1471.55	1472.32	1471.97	1478.02	1482.55	1482.97	1478.45	1471.29
10/30/2019	1478.61	1476.58	1469.95	1468.76	1471.55	1469.40	1478.38	1481.59	1481.19	1477.03	1468.53
6/18/2020	1481.55	1479.39	1471.18	1471.99	1473.01	1472.77	1481.85	1485.00	1486.29	1481.29	1471.91
Average Depth To Water from TOC (feet)	9.95	12.74	5.50	9.30	5.20	6.31	6.34	7.67	11.59	15.72	9.64
Average Water Level Elevation (feet MSL)	1478.94	1476.93	1471.09	1471.34	1472.55	1471.70	1479.94	1482.17	1482.45	1478.12	1470.94

*TOC = Top of Well Casing

*Elevations are referenced to a U.S.G.S. Benchmark (feet above Mean Sea Level).

** Events completed by Northern Environmental

Groundwater Analytical Table 5A
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln Couty, WI

Date-->	10/10/00	11/7/00	4/26/01	12/4/01	5/8/02	11/20/02	10/26/04	6/3/05	10/30/19	6/18/20	
Sample-->	MW-1										
Sampler-->	Northern Environmental									REI Engineering	
Field Parameters											
Conductivity (µS/cm)		20	20	-	30	50	30	50	20	47.6	50.8
ORP (mV)		-	-	-	-	-	-	-	-	136.0	57.0
Dissolved Oxygen (mg/L)		-	-	-	-	-	-	-	-	4.99	2.78
pH (s.u)		9.6	9.8	-	8.2	8.8	7.7	7.5	9.11	6.17	6.37
Temperature (°F)		53.4	49.6	-	48.2	40.8	45.5	48.2	52.2	48.1	45.9

Notes:
 - = Not Reported m/l = milligrams per liter °F = Fahrenheit
 s.u = Standard Units µS/cm = micrograms per liter mV = millivolts

Date-->	10/10/00	11/7/00	4/26/01	12/4/01	5/8/02	11/20/02	10/26/04	6/3/05	10/30/19	6/18/20	
Sample-->	MW-2										
Sampler-->	Northern Environmental									REI Engineering	
Field Parameters											
Conductivity (µS/cm)		190	240	180.0	200	150	110	250	130	117.2	111.8
ORP (mV)		-	-	-	-	-	-	-	-	103.9	69.9
Dissolved Oxygen (mg/L)		-	-	-	-	-	-	-	-	5.47	4.97
pH (s.u)		9.1	9.3	6.8	6.7	9.5	8	7.5	10.22	6.36	6.13
Temperature (°F)		55.6	51.2	52.9	49.5	42.6	47.5	48.9	49.6	47.7	47.1

Notes:
 - = Not Reported m/l = milligrams per liter °F = Fahrenheit
 s.u = Standard Units µS/cm = micrograms per liter mV = millivolts

Date-->	10/10/00	11/7/00	4/26/01	12/4/01	5/8/02	11/20/02	10/26/04	6/3/05	10/30/19	6/18/20	
Sample-->	MW-3										
Sampler-->	Northern Environmental									REI Engineering	
Field Parameters											
Conductivity (µS/cm)		230	350	-	110	110	320	340	90	502.8	15.85
ORP (mV)		-	-	-	-	-	-	-	-	30.5	-57.8
Dissolved Oxygen (mg/L)		-	-	-	-	-	-	-	-	0.56	2.76
pH (s.u)		9.2	8.9	-	6.7	9.2	7.7	7.3	9.55	6.20	6.49
Temperature (°F)		55.9	49.5	-	46.6	41.7	43.7	48.6	57.6	47.3	47.9

Notes:
 - = Not Reported m/l = milligrams per liter °F = Fahrenheit
 s.u = Standard Units µS/cm = micrograms per liter mV = millivolts

Date-->	10/10/00	11/7/00	4/26/01	12/4/01	5/8/02	11/20/02	10/26/04	6/3/05	10/30/19	6/18/20	
Sample-->	MW-4										
Sampler-->	Northern Environmental									REI Engineering	
Field Parameters											
Conductivity (µS/cm)		230	350	-	110	110	320	340	90	110.9	87.8
ORP (mV)		-	-	-	-	-	-	-	-	-4.30	-80.9
Dissolved Oxygen (mg/L)		-	-	-	-	-	-	-	-	0.16	2.03
pH (s.u)		9.2	8.9	-	6.7	9.2	7.7	7.3	9.55	5.81	6.15
Temperature (°F)		55.6	51.8	51.3	46.6	43	45.7	50.4	55.4	49.9	47.0

Notes:
 - = Not Reported m/l = milligrams per liter °F = Fahrenheit
 s.u = Standard Units µS/cm = micrograms per liter mV = millivolts

Date-->	10/10/00	11/7/00	4/26/01	12/4/01	5/8/02	11/20/02	10/26/04	6/3/05	10/30/19	6/18/20	
Sample-->	MW-4A										
Sampler-->	Northern Environmental									REI Engineering	
Field Parameters											
Conductivity (µS/cm)		500	580	-	440	380	290	580	240	402.2	412.5
ORP (mV)		-	-	-	-	-	-	-	-	228.6	37.7
Dissolved Oxygen (mg/L)		-	-	-	-	-	-	-	-	3.30	6.38
pH (s.u)		8.7	9.5	-	6	8	7.4	7	8.28	6.91	7.12
Temperature (°F)		55.6	52	-	50.2	43.9	46.2	50.9	56.7	49.60	46.1

Notes:
 - = Not Reported m/l = milligrams per liter °F = Fahrenheit
 s.u = Standard Units µS/cm = micrograms per liter mV = millivolts

Groundwater Analytical Table 5B
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln Couty, WI

Date-->	10/10/00	11/7/00	4/26/01	12/4/01	5/8/02	11/20/02	10/26/04	6/3/05	10/30/19	6/18/20	
Sample-->	MW-5										
Sampler-->	Northern Environmental									REI Engineering	
Field Parameters											
Conductivity (µS/cm)		610	650	420	450	50	40	250	150	145.7	322
ORP (mV)		-	-	-	-	-	-	-	-	82.4	17.60
Dissolved Oxygen (mg/L)		-	-	-	-	-	-	-	-	3.31	3.79
pH (s.u)		8.9	8.4	6.0	6.7	8.6	7.7	6.3	8.46	6.65	6.77
Temperature (°F)		55.9	50.5	52.0	47.8	43.2	45.0	49.8	55.8	48.5	51.5

Notes:
 - = Not Reported m/l = milligrams per liter °F = Fahrenheit
 s.u = Standard Units µS/cm = micrograms per liter mV = millivolts

Date-->	10/10/00	11/7/00	4/26/01	12/4/01	5/8/02	11/20/02	10/26/04	6/3/05	10/30/19	6/18/20	
Sample-->	MW-6										
Sampler-->	Northern Environmental									REI Engineering	
Field Parameters											
Conductivity (µS/cm)		280	290	-	170	330	130	380	190	186.9	216.9
ORP (mV)		-	-	-	-	-	-	-	-	20.5	14.7
Dissolved Oxygen (mg/L)		-	-	-	-	-	-	-	-	5.20	3.56
pH (s.u)		8.6	8.7	-	6.6	8.1	7.5	6.9	8.61	6.89	7.01
Temperature (°F)		53.6	50	-	46.2	43.2	44.2	48.2	55.6	46.0	49.9

Notes:
 - = Not Reported m/l = milligrams per liter °F = Fahrenheit
 s.u = Standard Units µS/cm = micrograms per liter mV = millivolts

Date-->	10/10/00	11/7/00	4/26/01	12/4/01	5/8/02	11/20/02	10/26/04	6/3/05	10/30/19	6/18/20	
Sample-->	MW-7										
Sampler-->	Northern Environmental									REI Engineering	
Field Parameters											
Conductivity (µS/cm)		50	50	-	60	50	60	120	30	64.1	63.6
ORP (mV)		-	-	-	-	-	-	-	-	227.3	189.2
Dissolved Oxygen (mg/L)		-	-	-	-	-	-	-	-	5.05	7.04
pH (s.u)		8.9	10.5	-	6.6	8.2	7.6	7.0	9.00	6.44	6.26
Temperature (°F)		53.6	49.6	-	46.2	42.6	43.0	48.4	58.8	47.9	51.4

Notes:
 - = Not Reported m/l = milligrams per liter °F = Fahrenheit
 s.u = Standard Units µS/cm = micrograms per liter mV = millivolts

Date-->	10/10/00	11/7/00	4/26/01	12/4/01	5/8/02	11/20/02	10/26/04	6/3/05	10/30/19	6/18/20	
Sample-->	MW-8										
Sampler-->	Northern Environmental									REI Engineering	
Field Parameters											
Conductivity (µS/cm)		10	10	-	20	10	10	30	10	28.3	17.7
ORP (mV)		-	-	-	-	-	-	-	-	206.8	178.9
Dissolved Oxygen (mg/L)		-	-	-	-	-	-	-	-	6.91	9.45
pH (s.u)		9.3	9.1	-	6.6	8.6	7.8	7.3	8.70	5.85	6.36
Temperature (°F)		55.0	51.1	-	48.9	42.6	45.3	49.3	56.8	49.0	50.9

Notes:
 - = Not Reported m/l = milligrams per liter °F = Fahrenheit
 s.u = Standard Units µS/cm = micrograms per liter mV = millivolts

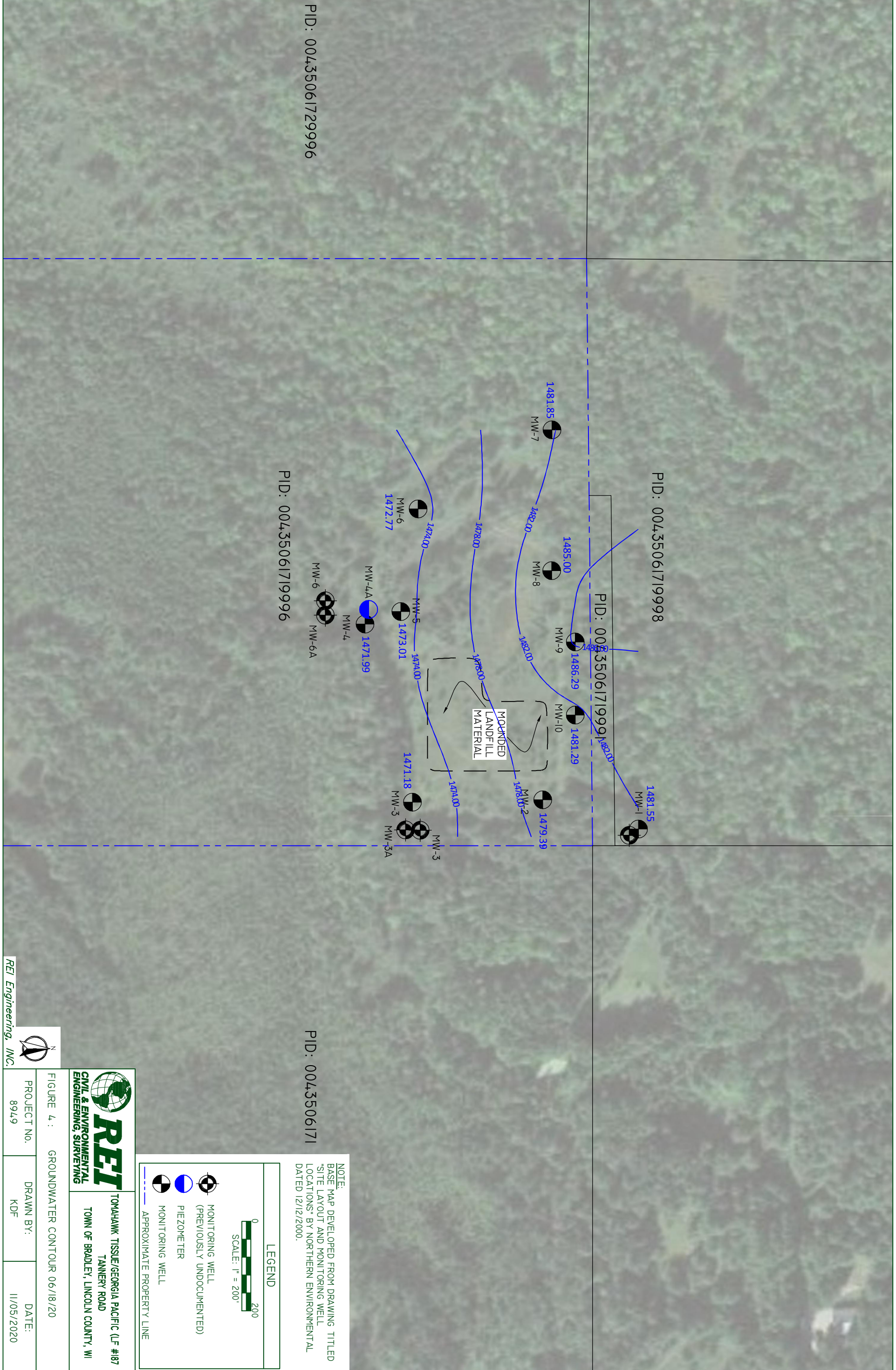
Date-->	10/10/00	11/7/00	4/26/01	12/4/01	5/8/02	11/20/02	10/26/04	6/3/05	10/30/19	6/18/20	
Sample-->	MW-9										
Sampler-->	Northern Environmental									REI Engineering	
Field Parameters											
Conductivity (µS/cm)		140	100	-	80	30	40	110	50	69.7	40.7
ORP (mV)		-	-	-	-	-	-	-	-	136.0	206.1
Dissolved Oxygen (mg/L)		-	-	-	-	-	-	-	-	5.17	7.63
pH (s.u)		10.3	8.8	-	6.5	8.6	7.8	7.4	8.58	5.40	5.51
Temperature (°F)		55.8	51.6	-	50.2	43	47.5	50	53.6	51.1	49.4

Notes:
 - = Not Reported m/l = milligrams per liter °F = Fahrenheit
 s.u = Standard Units µS/cm = micrograms per liter mV = millivolts

Groundwater Analytical Table 5C
Tomahawk Tissue/Georgia Pacific (LF #1878)
Town of Bradley, Lincoln Couty, WI

Date-->		10/10/00	11/7/00	4/26/01	12/4/01	5/8/02	11/20/02	10/26/04	6/3/05	10/30/19	6/18/20
Sample-->		MW-10									
Sampler-->		Northern Environmental								REI Engineering	
Field Parameters											
Conductivity (µS/cm)		270	300	-	240	260	160	430	200	800	163.5
ORP (mV)		-	-	-	-	-	-	-	-	-58.2	34.7
Dissolved Oxygen (mg/L)		-	-	-	-	-	-	-	-	0.81	3.67
pH (s.u)		9.7	8.9	-	6.4	8.8	7.4	7.3	8.9	6.23	5.95
Temperature (°F)		55	50.4	-	49.8	42.6	47.3	49.3	54.3	49.8	47.2

Notes:
 - = Not Reported m/l = milligrams per liter °F = Fahrenheit
 s.u = Standard Units µS/cm = micrograms per liter mV = millivolts



PID: 00435061729996

PID: 00435061719998

PID: 00435061719999

NOTE:
 BASE MAP DEVELOPED FROM DRAWING TITLED
 "SITE LAYOUT AND MONITORING WELL
 LOCATIONS" BY NORTHERN ENVIRONMENTAL
 DATED 12/12/2000.

LEGEND

0 200
 SCALE: 1" = 200'

MONITORING WELL
 (PREVIOUSLY UNDOCUMENTED)
 PIEZOMETER
 MONITORING WELL
 APPROXIMATE PROPERTY LINE

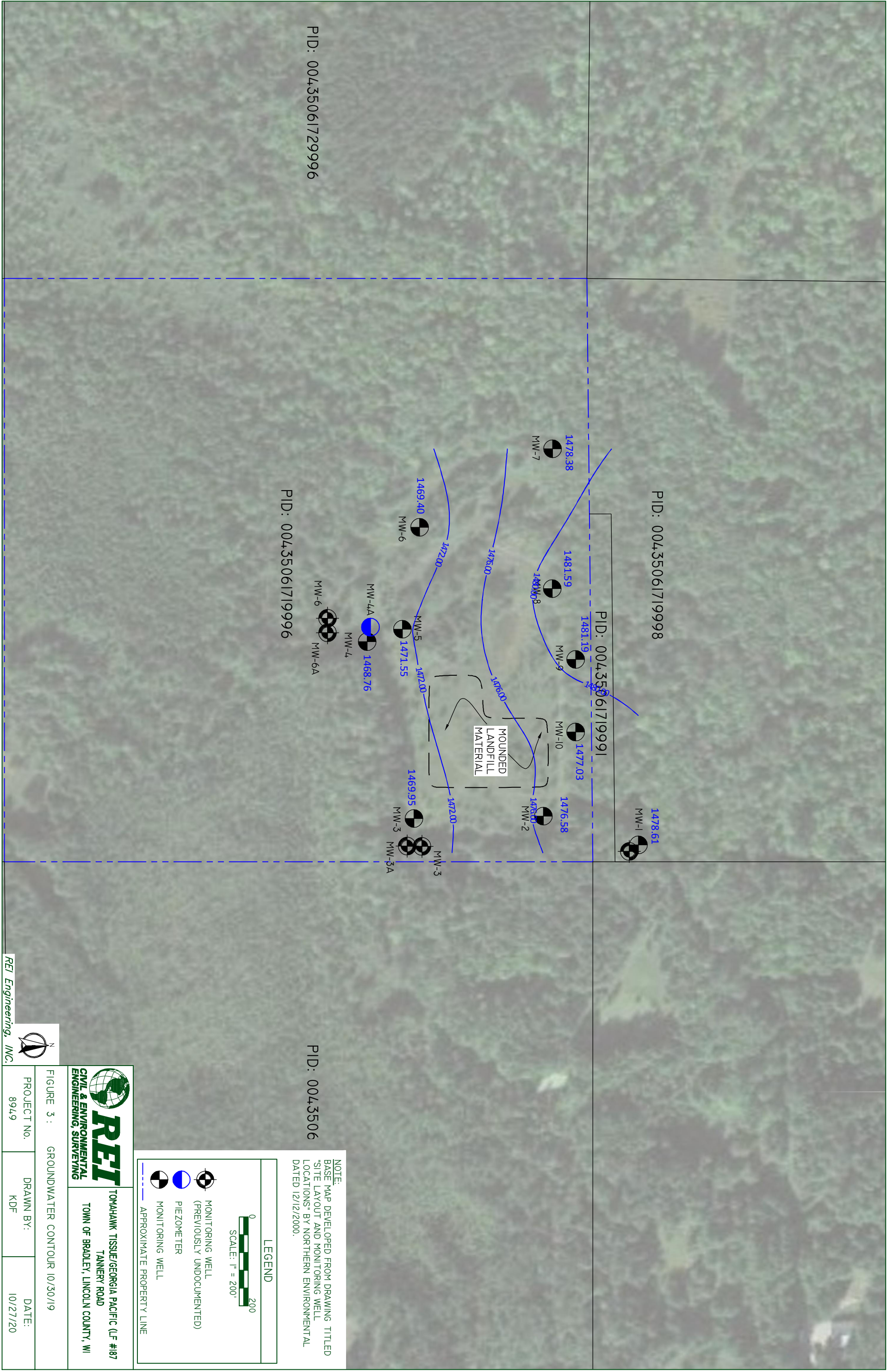
REI
 CIVIL & ENVIRONMENTAL
 ENGINEERING, SURVEYING

TOMAHAWK TISSUE/GEORGIA PACIFIC (LF #187)
 TANNERY ROAD
 TOWN OF BRADLEY, LINCOLN COUNTY, WI

FIGURE 4: GROUNDWATER CONTOUR 06/18/20

PROJECT NO. 8949	DRAWN BY: KDF	DATE: 11/05/2020
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REI Engineering, INC.



PID: 0043506

NOTE:
 BASE MAP DEVELOPED FROM DRAWING TITLED
 "SITE LAYOUT AND MONITORING WELL
 LOCATIONS" BY NORTHERN ENVIRONMENTAL
 DATED 12/12/2000.

LEGEND

0 200
 SCALE: 1" = 200'

MONITORING WELL
 (PREVIOUSLY UNDOCUMENTED)
 PIEZOMETER
 MONITORING WELL
 APPROXIMATE PROPERTY LINE

REI
 CIVIL & ENVIRONMENTAL
 ENGINEERING, SURVEYING

TOMAHAWK TISSUE/GEORGIA PACIFIC (LF #187
 TANNERY ROAD
 TOWN OF BRADLEY, LINCOLN COUNTY, WI

FIGURE 3 : GROUNDWATER CONTOUR 10/30/19

PROJECT NO. 8949	DRAWN BY: KDF	DATE: 10/27/20
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REI Engineering, INC.