

From: Dick Lyster <dlyster@msa-ps.com>
Sent: Tuesday, December 7, 2021 2:39 PM
To: Sager, John E - DNR
Subject: Minocqua Cleaners monitoring summary table
Attachments: 8267050 Minocqua GW data table master Thru Oct 2021.pdf

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John: Good afternoon, the attached table has the Minocqua Cleaners monitoring results through the Round 4 of the current contract which was performed on Oct 25 and 26, 2021. I reviewed and looking pretty good, with the exception of pumping well EXW-4 that had a PAL detect, all the monitoring wells on Pine St and in the west part of the site ((B-3, B-8, B-1) were no detect suggesting plume continues to contract. Muni #4 is ND since our sampling of it started in Oct 2020. I'm working on the EXW-4 letter report and hope to send that to you by the end of the year, then we'll send a more complete status report in the late winter. Let me know if you have questions. Thanks. Dick Lyster, MSA



Richard Lyster, PG, CPG | Team Leader

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TABLE 2
Groundwater Sample Analytical Results
Minocqua Cleaners, Minocqua, WI

Analyte	Sampling Date	Cis-1,2-Dichloroethylene	Trans-1,2-Dichloroethylene	Tetrachloro-ethene	Trichloro-ethene	Vinyl Chloride	GW Elevation	pH	DO	Redox	Conductivity
ES		70	100	5	5	0.2					
PAL		7	20	0.5	0.5	0.02					
Top of Casing Elevation = 1606.48 ft MSL											
B-1 (90')	12/01/99	ND	ND	ND	ND	ND					
	11/01/03	ND	ND	ND	ND	ND					
	12/06/04	<0.5	<0.4	<0.5	<0.6	<0.3	1576.77	8.68	1.29	126	309.9
	03/22/05	<0.60	<0.60	<0.4	<0.15	<0.12	1580.91	8.47	1.43	145	336.5
	08/31/05	<0.60	<0.60	<0.4	<0.15	<0.12	1580.85	7.21	1.06	147	399.2
	02/14/06	<0.60	<0.60	<0.4	<0.15	<0.12	1580.80	7.60	1.40	149	398.9
	05/22/06	<0.4	<0.4	<0.29	0.19	<0.15	1581.08	7.83	1.89	151	306.4
	08/08/06	<0.4	<0.4	<0.29	<0.15	<0.15	1574.87	8.27	1.27	173	374
	11/29/06	<0.4	<0.4	<0.29	<0.15	<0.15	1580.88	7.37	1.26		287
	02/26/07	<0.4	<0.4	<0.29	<0.15	<0.15	1581.47	8.14	1.28	155	370
	05/22/07	<0.4	<0.5	<0.4	<0.15	<0.15	1581.51	7.67	1.17		393
	08/21/07	<0.4	<0.5	<0.4	<0.15	<0.15	1575.19	6.84	0.42	160	432
	11/28/07	<0.4	<0.5	<0.4	<0.15	<0.15	1581.98	7.54	1.41	182	386
	07/28/08	<0.4	<0.5	<0.4	<0.15	<0.15	1580.83	7.62	1.13		411
	11/20/08	<0.4	<0.5	<0.4	<0.15	<0.15	1581.58	8.05	1.49	190	395
	02/11/09	<0.4	<0.5	<0.4	<0.15	<0.15	1581.13	7.12	1.64	245	398
	05/21/09	<0.4	<0.5	<0.4	<0.15	<0.15	1581.34	6.79	1.74	276	398
	08/05/09	<0.4	<0.5	<0.4	<0.15	<0.15	1580.62	7.26	1.04	172	407
	11/19/09	<0.4	<0.5	<0.4	<0.15	<0.15	1581.27	7.48	1.85	13.9	404
	02/25/10	<0.4	<0.5	<0.4	<0.15	<0.15	1581.38	7.94	1.48	129	385
	10/25/10	<0.5	<0.5	<0.5	<0.2	<0.2	1582.82	7.63	1.31	53	385
	04/26/11	<0.5	<0.5	<0.5	<0.2	<0.2	1582.21	8.14	1.97	76	411
	10/27/11	<0.50	<0.50	<0.50	<0.20	<0.20	1582.42	7.33	2.02	181	375
	04/27/12	<0.12	<0.25	<0.17	<0.19	<0.10	1582.61	6.81	2.01	169	334
	01/08/14	<0.12	<0.25	<0.17	<0.19	<0.10	1582.40	7.35	1.93	161	356
	04/10/14	<0.12	<0.25	<0.17	<0.19	<0.10	1581.92	6.96	2.38		337
	10/28/14	<0.12	<0.25	<0.17	<0.19	<0.10	1583.16	7.36	1.41		317
04/27/15	<0.12	<0.25	<0.17	<0.19	<0.10	1582.50	7.18	2.39		368	
10/20/15	<0.41	<0.35	<0.37	<0.16	<0.20	1582.71	7.83	1.64	215	386	
05/25/16	<0.41	<0.35	<0.37	<0.16	<0.20	1582.85	7.89	1.78	282	399	
11/16/16	<0.41	<0.35	<0.37	<0.16	<0.20	1583.04	7.72	1.93	223	407	
04/27/17	<0.41	<0.35	<0.37	<0.16	<0.20	1583.45	8.36	2.15	230	406	
10/31/17	<0.41	<0.35	<0.37	<0.16	<0.20	1583.00	8.06	1.34	313	404	
04/26/18	<0.41	<0.35	<0.37	<0.16	<0.20	1582.10	7.31	2.19	237	408	
10/30/18	<0.21	<0.23	<0.14	<0.20	<0.18	1582.99	7.15	2.23	428	410	
04/08/19	<0.41	<0.35	<0.37	<0.16	<0.20	1582.40	7.07	2.73	417	408	
10/28/19	<0.41	<0.35	<0.37	<0.16	<0.20	1583.09	7.03	1.74	344	409	
05/26/20	not sampled										
10/26/20	not sampled					1583.07					
04/15/21	not sampled					1582.59					
10/25/21	not sampled					1582.70					
Top of Casing Elevation = 1606.66 ft MSL											
B-1A (60')	12/06/04	<0.5	<0.4	<0.5	<0.6	<0.3	1580.27	8.44	1.08	173	463.4
	03/22/05	<0.60	<0.60	<0.4	<0.15	<0.12	1581.05	8.23	1.88	138	399.7
	08/31/05	<0.60	<0.60	<0.4	<0.15	<0.12	1580.98	6.70	2.26	274	348
	02/14/06	<0.60	<0.60	<0.4	<0.15	<0.12	1580.96	7.30	1.70	157	348.2
	05/22/06	<0.4	<0.4	<0.29	<0.15	<0.15	1581.25	7.41	1.31	154	360
	08/08/06	<0.4	<0.4	0.56	0.44	<0.15	1578.71	7.58	0.91	522	378
	11/29/06	<0.4	<0.4	<0.29	>0.15	<0.15	1580.45	7.59	1.19		328
	02/26/07	<0.4	<0.4	<0.29	>0.15	<0.15	1581.19	7.05	1.31	436	455
	05/22/07	<0.4	<0.5	<0.4	<0.15	<0.15	1581.65	7.56	1.27		487
	08/21/07	<0.4	<0.5	<0.4	<0.15	<0.15	1579.30	6.73	1.97	448	559
	11/28/07	<0.4	<0.5	<0.4	<0.15	<0.15	1582.00	7.01	1.33	349	501
	07/28/08	<0.4	<0.5	<0.4	<0.15	<0.15	1580.93	7.37	1.86	335	476
	11/20/08	<0.4	<0.5	<0.4	<0.15	<0.15	1581.59	8.02	1.92	234	452
	02/11/09	<0.4	<0.5	<0.4	<0.15	<0.15	1581.13	7.09	1.56	311	388
	05/21/09	<0.4	<0.5	<0.4	<0.15	<0.15	1581.50	6.91	1.39	363	468
	08/05/09	<0.4	<0.5	<0.4	<0.15	<0.15	1580.72	6.64	1.86	410	471
	11/19/09	<0.4	<0.5	<0.4	<0.15	<0.15	1581.47	7.06	1.81	301	530
	02/25/10	<0.4	<0.5	<0.4	<0.15	<0.15	1581.59	7.79	1.68	219	519
	05/11/10	<0.25	<0.25	<0.3	<0.21	<0.22	1581.47	7.85	1.31	401	502
	10/25/10	<0.5	<0.5	<0.5	<0.2	<0.2	1582.84	7.04	1.91	261	502
	04/26/11	<0.5	<0.5	<0.5	<0.2	<0.2	1582.19	8.16	1.92	240	426
	10/27/11	<0.50	<0.50	<0.50	<0.20	<0.20	1582.43	7.28	1.82	188	526
	04/27/12	<0.12	<0.25	<0.17	<0.19	<0.10	1582.64	6.87	2.11	289	483
	01/08/14	<0.12	<0.25	<0.17	<0.19	<0.10	1582.57	7.23	1.89	222	530
	04/10/14	<0.12	<0.25	<0.17	<0.19	<0.10	1581.84	6.84	1.97		506
	10/28/14	<0.12	<0.25	<0.17	<0.19	<0.10	1583.20	7.12	1.44		447
	04/27/15	<0.12	<0.25	<0.17	<0.19	<0.10	1582.50	7.01	2.08		419
10/20/15	<0.41	<0.35	<0.37	<0.16	<0.20	1582.92	7.40	1.57	343	509	
05/25/16	<0.41	<0.35	<0.37	<0.16	<0.20	1582.85	7.55	0.78	400	520	
11/16/16	<0.41	<0.35	<0.37	<0.16	<0.20	1583.05	7.77	1.80	294	589	
04/27/17	<0.41	<0.35	<0.37	<0.16	<0.20	1583.42	8.20	2.02	281	608	
10/31/17	<0.41	<0.35	<0.37	<0.16	<0.20	1583.01	7.71	1.36	291	546	
04/26/18	<0.41	<0.35	<0.37	<0.16	<0.20	1582.11	7.25	2.56	243	536	
10/30/18	<0.21	<0.23	<0.14	<0.20	<0.18	1583.03	7.15	2.17	438	549	
04/08/19	<0.41	<0.35	<0.37	<0.16	<0.20	1582.43	7.23	2.04	382	482	
10/28/19	<0.41	<0.35	<0.37	<0.16	<0.20	1583.13	7.10	1.65	306	604	
05/26/20	not sampled										
10/26/20	not sampled					1583.07					
04/15/21	not sampled					1582.59					
10/25/21	not sampled					1582.72					

TABLE 2
Groundwater Sample Analytical Results
Minocqua Cleaners, Minocqua, WI

Analyte	Sampling Date	Cis-1,2-Dichloroethylene	Trans-1,2-Dichloroethylene	Tetrachloro-ethene	Trichloro-ethene	Vinyl Chloride	GW Elevation	pH	DO	Redox	Conductivity
ES		70	100	5	5	0.2					
PAL		7	20	0.5	0.5	0.02					
Top of Casing Elevation = 1606.92 ft MSL											
B-1B (27)	12/06/04	<0.5	<0.4	<0.5	<0.6	<0.3	1580.52	8.52	1.84	171	406.5
	03/22/05	<0.60	<0.60	<0.4	<0.15	<0.12	1581.06	8.83	1.41	152	436.8
	08/31/05	<0.60	<0.60	<0.4	<0.15	<0.12	1580.98	6.69	1.40	277	374.4
	02/14/06	<0.60	<0.60	<0.4	<0.15	<0.12	1580.94	7.29	1.32	161	392
	05/22/06	<0.4	<0.4	<0.29	<0.15	<0.15	1581.28	7.41	1.67	154	350.4
	08/08/06	<0.4	<0.4	<0.29	<0.15	<0.15	1580.03	8.15	1.42	343	415
	11/29/06	<0.4	<0.4	<0.29	<0.15	<0.15	1580.24	7.19	1.89		332
	02/26/07	<0.4	<0.4	<0.29	<0.15	<0.15	1581.03	7.00	1.69	397	486
	05/22/07	<0.4	<0.5	<0.4	<0.15	<0.15	1581.63	7.45	1.83		462
	08/21/07	<0.4	<0.5	<0.4	<0.15	<0.15	1579.66	6.79	1.72	461	557
	11/28/07	<0.4	<0.5	<0.4	<0.15	<0.15	1581.98	6.98	1.87	362	545
	07/28/08	<0.4	<0.5	<0.4	<0.15	<0.15	1580.90	7.15	2.40	330	468
	11/20/08	<0.4	<0.5	<0.4	<0.15	<0.15	1581.58	8.71	2.22	396	413
	02/11/09	<0.4	<0.5	<0.4	<0.15	<0.15	1581.10	7.39	2.57	335	377
	05/21/09	<0.4	<0.5	<0.4	<0.15	<0.15	1581.52	6.53	1.56	329	458
	08/05/09	<0.4	<0.5	<0.4	<0.15	<0.15	1580.71	6.72	2.51	448	479
	11/19/09	<0.4	<0.5	<0.4	<0.15	<0.15	1581.49	6.93	1.46	325	538
	05/11/10	<0.25	<0.25	<0.3	<0.21	<0.22	1581.39	7.59	2.65	407	402
	10/25/10	<0.5	<0.5	<0.5	<0.2	<0.2	1582.86	7.03	2.53	297	429
	04/26/11	<0.5	<0.5	<0.5	<0.20	<0.20	1582.18	8.03	2.36	264	385
	10/27/11	<0.50	<0.50	<0.50	<0.20	<0.20	1582.43	7.24	2.56	254	453
	04/27/12	<0.12	<0.25	<0.17	<0.19	<0.10	1582.64	6.93	2.54	284	345
	01/08/14	<0.12	<0.25	<0.17	<0.19	<0.10	1582.60	7.04	2.17	226	397
	04/10/14	<0.12	<0.25	<0.17	<0.19	<0.10	1581.83	6.63	3.34		439
	10/28/14	<0.12	<0.25	<0.17	<0.19	<0.10	1583.19	6.97	1.55		325
	04/27/15	<0.12	<0.25	<0.17	<0.19	<0.10	1582.49	6.85	2.83		353
	10/20/15	<0.41	<0.35	<0.37	<0.16	<0.20	1582.93	7.32	2.16	365	304
	05/25/16	<0.41	<0.35	<0.37	<0.16	<0.20	1582.83	7.36	2.74	426	338
	11/16/16	<0.41	<0.35	<0.37	<0.16	<0.20	1583.05	8.03	3.14	342	316
	04/27/17	<0.41	<0.35	<0.37	<0.16	<0.20	1583.41	8.15	2.16	392	325
	10/31/17	<0.41	<0.35	<0.37	<0.16	<0.20	1583.01	7.60	1.93	381	325
	04/26/18	<0.41	<0.35	<0.37	<0.16	<0.20	1582.06	7.19	2.75	268	393
	10/30/18	<0.21	<0.23	<0.14	<0.20	<0.18	1583.02	7.14	2.28	436	387
dupl	04/08/19	<0.41	<0.35	<0.37	<0.16	<0.20	1582.42	7.14	4.64	375	424
	10/28/19	<0.41	<0.35	<0.37	<0.16	<0.20	1583.04	7.10	1.65	319	415
	05/26/20	not sampled									
	10/26/20	not sampled					1583.05				
	04/15/21	not sampled					1582.57				
	10/25/21	not sampled					1582.71				
Top of Casing Elevation = 1604.00 ft MSL											
B-2 (90)	12/06/04	<0.5	<0.4	<0.5	<0.6	<0.3	1580.22	8.86	1.07	157	153
	03/22/05	<0.60	<0.60	<0.4	<0.15	<0.12	1580.39	8.92	1.49	150	155.7
	08/31/05	<0.60	<0.50	<0.4	<0.15	<0.12	1580.39	7.56	1.95	1.64	140.1
	02/14/06	<0.60	<0.60	<0.4	<0.15	<0.12	1580.39	7.89	1.94	155	142
	05/22/06	<0.4	<0.4	<0.29	<0.15	<0.15	1580.44	7.93	2.05	153	229.3
	08/08/06	<0.4	<0.4	<0.29	<0.15	<0.15	1578.26	8.05	1.08	350	362
	11/29/06	<0.4	<0.4	<0.29	<0.15	<0.15	1578.79	7.01	1.26		212
	02/26/07	<0.4	<0.4	<0.29	<0.15	<0.15	1581.05	7.60	1.47	405	138
	05/22/07	<0.4	<0.5	<0.4	<0.15	<0.15	1580.67	7.93	1.11		404
	08/21/07	<0.4	<0.5	<0.4	<0.15	<0.15	1578.67	7.14	1.78	316	231
	11/28/07	<0.4	<0.5	<0.4	<0.15	<0.15	1581.48	7.90	1.46	304	382
	07/28/08	<0.4	<0.5	<0.4	<0.15	<0.15	1579.91	8.20	0.92	305	229
	02/11/09	<0.4	<0.5	<0.4	<0.15	<0.15	1580.6	7.75	1.55	320	395
	05/21/09	<0.4	<0.5	<0.4	<0.15	<0.15	1580.52	6.49	1.57	343	428
	02/25/10	<0.4	<0.5	<0.4	<0.15	<0.15	1581.39	7.92	1.57	189	594
	05/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1582.66	7.74	2.18	252	421
dupl	10/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1582.34	7.38	1.65	382	423
	04/15/21	<0.41	<0.35	<0.37	<0.16	<0.20	1581.79	7.11	2.16	359	432
	10/25/21	<0.41	<0.35	<0.37	<0.16	<0.20	1582.21	7.75	2.14	366	424
Top of Casing Elevation = 1603.52 ft MSL											
B-2A (60)	12/06/04	0.5	<0.4	1.2	2.3	<0.3	1580.36	8.62	1.15	166	204.3
	03/22/05	<0.60	<0.60	0.64	1.0	<0.12	1580.32	8.71	1.85	147	205.3
	08/31/05	<0.60	<0.60	0.74	1.1	<0.12	1580.3	7.20	1.84	153	196.6
	02/14/06	<0.60	<0.60	<0.4	0.35	<0.12	1580.34	7.65	1.53	156	202.7
dupl	05/22/06	6.5	<0.4	10	17	<0.15	1580.48	7.98	1.18	153	238.1
	08/08/06	38	<0.4	35	63	<0.15	1578.55	7.62	2.04	397	260
	11/29/06	14	<0.4	31	35	<0.15	1579.06	7.27	1.63		313
dupl	02/26/07	1.3	<0.4	5.3	3.9	<0.15	1581.21	7.16	1.16	429	446
	05/22/07	<0.4	<0.5	2	1.4	<0.15	1581.24	7.89	1.28		417
	08/21/07	0.55	<0.5	1.4	1.7	<0.15	1578.93	6.21	1.36	415	372
	11/28/07	<0.4	<0.5	0.49	0.54	<0.15	1581.62	7.33	1.69	396	409
	07/28/08	<0.4	<0.5	<0.4	0.19	<0.15	1579.94	7.42	1.08	334	341
	11/20/08	<0.4	<0.5	<0.4	<0.15	<0.15	1581.19	8.32	2.59	395	479
	02/11/09	<0.4	<0.5	<0.4	0.19	<0.15	1580.71	7.01	2.07	373	497
	05/21/09	<0.4	<0.5	<0.4	0.24	<0.15	1580.54	6.75	1.63	383	517
	08/05/09	<0.4	<0.5	<0.4	<0.15	<0.15	1579.78	6.79	1.39	488	536
	11/19/09	<0.4	<0.5	<0.4	<0.15	<0.15	1580.68	7.19	1.95	343	501
	02/25/10	<0.4	<0.5	<0.4	<0.15	<0.15	1581.51	7.63	2.10	201	498
	05/11/10	<0.25	<0.25	<0.3	<0.21	<0.22	1581.35	7.91	1.29	392	477
	05/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1582.70	7.06	2.25	292	626
	10/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1582.99	7.05	1.54	385	584
	04/15/21	<0.41	<0.35	<0.37	<0.16	<0.20	1581.83	7.08	2.22	378	598
	10/25/21	<0.41	<0.35	<0.37	<0.16	<0.20	1582.19	7.79	2.12	348	552

TABLE 2
Groundwater Sample Analytical Results
Minocqua Cleaners, Minocqua, WI

Analyte	Sampling Date	Cis-1,2-Dichloroethylene	Trans-1,2-Dichloroethylene	Tetrachloro-ethene	Trichloro-ethene	Vinyl Chloride	GW Elevation	pH	DO	Redox	Conductivity
ES		70	100	5	5	0.2					
PAL		7	20	0.5	0.5	0.02					
Top of Casing Elevation = 1603.68 ft MSL											
B-2B (23')	12/06/04	6.1	<0.4	9.1	15	<0.3	1581.4	8.40	1.88	169	221.5
	03/22/05	4.7	<0.6	9.0	15	<0.12	1580.87	8.15	1.61	173	206.7
	08/31/05	1.9	<0.60	3.1	6.3	<0.12	1580.85	6.47	2.52	207	143.1
	02/14/06	1.9	<0.60	3.3	5.4	<0.12	1580.83	7.11	1.26	164	165.4
	05/22/06	8.8	<0.4	14	19	<0.15	1581.21	6.78	1.17	157	214.3
	08/08/06	3.1	<0.4	5.2	7.1	<0.15	1579.79	7.23	2.16	467	271
	11/29/06	1	<0.4	2.3	2.7	<0.15	1580.63	7.11	2.17		220
	02/26/07	<0.4	<0.4	0.36	<0.15	<0.15	1581.04	6.86	1.20	425	356
	05/22/07	<0.4	<0.5	<0.4	<0.15	<0.15	1581.46	7.15	1.64		357
	08/21/07	<0.4	<0.5	0.59	0.44	<0.15	1580.37	6.67	1.57	452	298
	11/28/07	<0.4	<0.5	<0.4	<0.15	<0.15	1581.77	6.49	1.58	420	324
	07/28/08	<0.4	<0.5	<0.4	<0.15	<0.15	1580.49	6.82	2.07	359	360
	11/20/08	<0.4	<0.5	<0.4	<0.15	<0.15	1581.31	7.24	2.17	430	539
	02/11/09	<0.4	<0.5	<0.4	<0.15	<0.15	1580.82	6.98	1.42	387	524
	05/21/09	<0.4	<0.5	<0.4	<0.15	<0.15	1581.29	6.48	1.87	357	457
	08/05/09	<0.4	<0.5	<0.4	<0.15	<0.15	1580.38	6.44	2.54	437	382
	11/19/09	<0.4	<0.5	<0.4	<0.15	<0.15	1581.45	6.69	1.91	379	463
	05/11/10	<0.25	<0.25	<0.3	<0.21	<0.22	1581.28	7.10	1.93	376	411
	05/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1582.82	6.95	3.43	339	272
	10/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1583.07	7.71	1.53	392	374
	04/15/21	<0.41	<0.35	<0.37	<0.16	<0.20	1582.45	7.22	2.71	334	271
	10/26/21	<0.41	<0.35	<0.37	<0.16	<0.20	1582.77	7.59	3.13	371	392
Top of Casing Elevation = 1605.16 ft MSL											
B-3 (60')	06/01/00	ND	ND	ND	ND	ND					
	11/01/03	ND	ND	ND	ND	ND					
	12/07/04	<0.5	<0.4	<0.5	<0.6	<0.3	1582.35	9.17	1.16	58	250
	03/23/05	<0.6	<0.6	<0.4	<0.15	<0.12	1581.35	8.81	1.64	128	190.2
	09/01/05	<0.6	<0.6	<0.4	<0.15	<0.12	1581.95	7.61	0.51	242	179.5
dupl	02/15/06	<0.6	<0.6	<0.4	1.8	<0.12	1581.84	8.12	1.43	159	182.9
	05/23/06	<0.4	<0.4	<0.29	<0.15	<0.15	1582.2	8.01	1.69	155	187.5
	08/08/06	0.42	<0.4	0.32	<0.15	<0.15	1581.45	8.03	0.94	334	223
dupl	11/29/06	<0.4	<0.4	0.33	<0.15	<0.15	1581.65	7.22	1.43		196
	02/26/07	<0.4	<0.4	<0.29	<0.15	<0.15	1582.24	7.68	1.24	348	230
	05/22/07	<0.4	<0.5	<0.4	<0.15	<0.15	1582.69	7.56	1.31		237
	08/22/07	<0.4	<0.5	<0.4	<0.15	<0.15	1581.67	6.48	1.92	460	237
	11/29/07	<0.4	<0.5	<0.4	<0.15	<0.15	1582.35	7.98	1.94	383	231
	07/29/08	<0.4	<0.5	0.64	0.54	<0.15	1581.92	8.03	1.43	308	239
	11/20/08	<0.4	<0.5	<0.4	<0.15	<0.15	1581.88	8.44	2.12	301	248
	02/11/09	<0.4	<0.5	<0.4	<0.15	<0.15	1581.9	7.57	1.87	352	239
	05/21/09	<0.4	<0.5	0.76	0.42	<0.15	1582.93	6.40	2.33	366	2.45
	08/05/09	<0.4	<0.5	<0.4	<0.15	<0.15	1581.66	7.73	2.84	420	236
	11/19/09	<0.4	<0.5	<0.4	<0.15	<0.15	1582.32	7.90	2.57	279	234
	02/25/10	<0.4	<0.5	<0.4	<0.15	<0.15	1582.23	8.27	2.89	248	225
	05/12/10	<0.25	<0.25	<0.3	<0.21	<0.22	1582.41	8.55	2.45	261	243
	10/25/10	<0.5	<0.5	<0.5	<0.2	<0.2	1583.42	8.20	2.28	242	240
	04/26/11	<0.5	<0.5	<0.5	<0.20	<0.20	1582.71	8.11	2.24	236	235
	10/28/11	<0.50	<0.50	<0.50	<0.20	<0.20	1582.98	6.76	1.91	239	241
	04/27/12	<0.12	<0.25	<0.17	<0.19	<0.10	1583.09	7.11	2.17	237	242
	01/09/14	<0.12	<0.25	<0.17	<0.19	<0.10	1583.18	6.93	2.32	257	317
	04/10/14	<0.12	<0.25	<0.17	<0.19	<0.10	1582.75	6.93	2.55		393
	10/28/14	<0.12	<0.25	<0.17	<0.19	<0.10	1583.62	7.18	1.29		304
	04/28/15	<0.12	<0.25	<0.17	<0.19	<0.10	1583.05	6.67	1.97		312
	10/21/15	<0.41	<0.35	<0.37	<0.16	<0.20	1583.45	7.89	1.98	376	274
	05/26/16	<0.41	<0.35	<0.37	<0.16	<0.20	1583.56	8.10	2.27	437	293
	11/17/16	<0.41	<0.35	<0.37	<0.16	<0.20	1583.58	8.27	2.19	250	272
	04/27/17	<0.41	<0.35	<0.37	<0.16	<0.20	1583.87	8.29	2.27	336	265
	10/31/17	<0.41	<0.35	<0.37	<0.16	<0.20	1583.55	8.06	2.24	308	272
	04/27/18	<0.41	<0.35	<0.37	<0.16	<0.20	1582.69	7.20	2.84	299	282
	10/30/18	<0.21	<0.23	<0.14	<0.20	<0.18	1583.53	6.98	2.51	412	297
	04/09/19	<0.41	<0.35	<0.37	<0.16	<0.20	1583.07	6.84	4.32	316	286
	10/28/19	<0.41	<0.35	<0.37	<0.16	<0.20	1583.62	6.92	2.99	300	314
	05/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1583.60	7.18	2.92	305	334
	10/27/20	<0.41	<0.35	<0.37	<0.16	<0.20	1582.91	7.49	3.08	344	358
	04/15/21	<0.41	<0.35	<0.37	<0.16	<0.20	1583.14	7.33	3.13	365	359
	10/26/21	<0.41	<0.35	<0.37	<0.16	<0.20	1583.26	7.27	3.47	385	361
Top of Casing Elevation = 1605.42 ft MSL											
B-3A (32')	06/01/00	ND	ND	<0.28>	ND	ND					
	11/01/03	ND	ND	<0.70>	ND	ND					
	12/07/04	<0.5	<0.4	<0.5	<0.6	<0.3	1582.50	8.88	1.38	50	324
	03/23/05	1	<0.6	0.74	1.2	<0.12	1581.54	7.38	1.95	342	245
	09/01/05	67	2.1	11	30	8.3	1581.80	6.94	1.68	257	250.8
	02/15/06	39	2.9	6.1	16	4.8	1581.74	7.68	1.61	158	254.3
dupl	05/23/06	74	1.9	3.6	7.9	1.3	1582.11	7.58	1.42	156	245.3
	08/08/06	6.9	1.5	1.5	4.8	0.79	1581.53	7.64	1.16	348	285
	11/29/06	75	2.8	2.1	9.9	1.4	1581.80	7.09	1.37		250
	02/26/07	7.5	1.6	1.2	4.9	0.73	1582.31	7.52	1.70	375	282
	05/22/07	2.1	0.52	1.4	2.4	<0.15	1582.55	7.61	1.23		282
	08/22/07	0.73	<0.5	0.65	0.9	<0.15	1581.76	6.44	2.03	474	317
	11/29/07	0.77	<0.5	0.99	0.93	<0.15	1582.46	7.24	1.87	407	307
	07/29/08	<0.4	<0.5	<0.4	<0.15	<0.15	1581.81	7.53	2.16	321	329
	11/20/08	<0.4	<0.5	0.61	0.45	<0.15	1581.93	8.19	1.39	314	318
	02/11/09	<0.4	<0.5	0.74	0.43	<0.15	1581.72	7.32	1.83	364	322
	05/21/09	<0.4	<0.5	<0.4	<0.15	<0.15	1582.28	6.38	2.11	378	321

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TABLE 2
Groundwater Sample Analytical Results
Minocqua Cleaners, Minocqua, WI

Analyte	Sampling Date	Cis-1,2-Dichloroethylene	Trans-1,2-Dichloroethylene	Tetrachloro-ethene	Trichloro-ethene	Vinyl Chloride	GW Elevation	pH	DO	Redox	Conductivity
ES		70	100	5	5	0.2					
PAL		7	20	0.5	0.5	0.02					
		continued from previous page									
B-3A	08/05/09	<0.4	<0.5	0.6	0.39	<0.15	1581.58	6.96	2.78	460	327
	11/19/09	<0.4	<0.5	0.79	0.45	<0.15	1582.21	7.56	2.29	288	318
	02/25/10	<0.4	<0.5	0.82	0.36	<0.15	1582.16	7.84	1.66	250	307
	05/12/10	<0.25	<0.25	0.86	0.34	<0.22	1582.33	8.09	2.19	315	300
	10/25/10	<0.5	<0.5	0.6	0.23	<0.2	1583.36	7.67	2.15	272	325
	04/26/11	<0.5	<0.5	0.58	<0.20	<0.20	1582.64	8.16	2.49	233	396
	10/28/11	<0.50	<0.50	0.66	0.20	<0.20	1582.92	6.87	2.12	243	406
	04/27/12	<0.12	<0.25	<0.17	<0.19	<0.10	1583.05	7.13	2.21	239	399
	01/09/14	<0.12	<0.25	0.64	<0.19	<0.10	1583.15	6.88	2.38	228	409
	04/10/14	<0.12	<0.25	<0.17	<0.19	<0.10	1582.68	6.91	2.28		422
	10/29/14	<0.12	<0.25	0.55	<0.19	<0.10	1583.63	6.79	1.31		341
	04/28/15	<0.12	<0.25	0.89	<0.19	<0.10	1583.06	6.62	2.46		375
	10/21/15	<0.41	<0.35	<0.37	<0.16	<0.20	1583.40	7.68	2.06	386	326
	05/26/16	<0.41	<0.35	0.66	0.46	<0.20	1583.53	7.66	2.37	430	382
	11/17/16	<0.41	<0.35	1.2	0.42	<0.20	1583.54	8.12	2.49	345	355
	04/28/17	<0.41	<0.35	<0.37	<0.16	<0.20	1583.91	8.00	2.02	363	354
	10/31/17	<0.41	<0.35	0.64	<0.16	<0.20	1583.49	7.47	2.16	320	353
	04/27/18	<0.41	<0.35	0.71	0.25	<0.20	1582.68	7.26	2.13	298	348
	10/30/18	<0.21	<0.23	0.50 J	<0.20	<0.18	1583.48	6.99	2.65	419	367
	04/09/19	<0.41	<0.35	0.71 J	<0.16	<0.20	1583.05	6.82	4.27	331	361
10/29/19	<0.41	<0.35	<0.37	<0.16	<0.20	1583.57	6.90	2.87	303	395	
05/26/20	<0.41	<0.35	0.60 J	<0.16	<0.20	1583.56	7.31	2.64	328	442	
10/27/20	<0.41	<0.35	0.44 J	<0.16	<0.20	1583.56	7.78	3.40	306	448	
04/15/21	<0.41	<0.35	0.64 J	0.24 J	<0.20	1583.16	7.36	2.98	373	457	
10/26/21	<0.41	<0.35	<0.37	<0.16	<0.20	1583.21	7.32	3.82	403	493	
		Top of Casing Elevation = 1599.02 ft MSL									
B-5 (20')	12/06/04	<0.5	<0.4	<0.5	<0.6	<0.3	1583.16	8.06	1.23	177	235.8
	05/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1582.71	6.75	2.28	366	357
	10/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1582.10	7.55	2.62	398	309
	04/15/21	<0.41	<0.35	<0.37	<0.16	<0.20	1582.22	7.26	3.09	405	350
	10/26/21	<0.41	<0.35	<0.37	<0.16	<0.20	1582.44	7.39	3.10	431	378
		Top of Casing Elevation = 1602.86 ft MSL									
B-8 (30')	12/06/04	<0.5	<0.4	<0.5	<0.6	<0.3	1582.38	8.20	0.86	-36	642.1
	03/22/05	<0.60	<0.60	<0.4	<0.15	<0.12	1581.43	8.17	1.37	-36	631.6
	08/31/05	<0.60	<0.60	<0.4	<0.15	<0.12	1581.09	6.52	1.55	137	472.8
	02/14/06	<0.60	<0.60	<0.4	<0.15	<0.12	1581.56	6.89	1.48	145	566.4
	05/22/06	<0.4	<0.4	<0.29	<0.15	<0.15	1582.27	7.13	1.32	142	570.5
	08/08/06	<0.4	<0.4	<0.29	<0.15	<0.15	1580.93	8.29	1.25	180	663
	11/29/06	<0.4	<0.4	<0.29	<0.15	<0.15	1581.31	7.17	1.43		430
	02/26/07	<0.4	<0.4	<0.29	<0.15	<0.15	1581.59	7.29	1.15	104	657
	05/22/07	<0.4	<0.5	<0.4	<0.15	<0.15	1582.03	7.61	1.89		579
	08/21/07	<0.4	<0.5	<0.4	<0.15	<0.15	1581.12	6.07	1.36	174	700
	11/28/07	<0.4	<0.5	<0.4	<0.15	<0.15	1582.27	6.44	1.93	176	755
	07/28/08	<0.4	<0.5	<0.4	<0.15	<0.15	1581.68	6.46	1.98	147	725
	02/11/09	<0.4	<0.5	<0.4	<0.15	<0.15	1581.33	6.74	2.08	123	778
	05/21/09	<0.4	<0.5	<0.4	<0.15	<0.15	1582.55	7.42	2.49	201	7.13
	02/25/10	<0.4	<0.5	<0.4	<0.15	<0.15	1581.81	6.60	1.02	120	838
	05/11/10	<0.25	<0.25	<0.3	<0.21	<0.22	1582.02	6.87	1.73	131	785
	05/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1583.73	7.24	1.82	135	716
	10/26/20	not sampled					1583.41				
	04/15/21	not sampled					1582.93				
	10/25/21	not sampled					1582.94				
		Top of Casing Elevation = 1603.37 ft MSL									
B-8A (62')	12/06/04	<0.5	<0.4	<0.5	<0.6	<0.3	1581.02	8.83	1.32	117	444.5
	03/22/05	<0.60	<0.60	<0.4	<0.15	<0.12	1581.08	8.88	1.44	-56	394.1
	08/31/05	<0.60	<0.60	<0.4	<0.15	<0.12	1581.00	7.22	1.98	109	271.5
	02/14/06	<0.60	<0.60	<0.4	0.34	<0.12	1580.93	7.56	1.95	163	269.3
	05/22/06	<0.4	<0.4	<0.29	0.33	<0.15	1581.15	7.65	2.06	154	286.6
	08/08/06	<0.4	<0.4	<0.29	<0.15	<0.15	1579.14	8.35	1.37	234	332
	11/29/06	<0.4	<0.4	<0.29	<0.15	<0.15	1580.90	7.58	1.34		302
	02/26/07	<0.4	<0.4	<0.29	<0.15	<0.15	1581.36	7.21	1.03	351	422
	05/22/07	<0.4	<0.5	<0.4	<0.15	<0.15	1581.66	7.66	1.25		447
	08/21/07	<0.4	<0.5	<0.4	<0.15	<0.15	1579.69	6.02	0.82	439	523
	11/28/07	<0.4	<0.5	<0.4	<0.15	<0.15	1580.90	7.08	1.50	375	541
	07/28/08	<0.4	<0.5	<0.4	<0.15	<0.15	1580.96	7.30	1.57	305	488
	02/11/09	<0.4	<0.5	<0.4	<0.15	<0.15	1581.10	7.21	1.61	327	436
	05/21/09	<0.4	<0.5	<0.4	<0.15	<0.15	1581.65	6.93	1.68	349	440
	11/19/09	<0.4	<0.5	<0.4	<0.15	<0.15	1581.45	7.17	1.94	367	476
	02/25/10	<0.4	<0.5	<0.4	<0.15	<0.15	1581.54	7.72	1.98	263	462
	05/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1583.06	7.82	2.07	448	599
	10/26/20	not sampled					1583.10				
	04/15/21	not sampled					1582.64				
	10/25/21	not sampled					1582.63				

TABLE 2
Groundwater Sample Analytical Results
Minocqua Cleaners, Minocqua, WI

Analyte	Sampling Date	Cis-1,2-Dichloroethylene	Trans-1,2-Dichloroethylene	Tetrachloro-ethene	Trichloro-ethene	Vinyl Chloride	GW Elevation	pH	DO	Redox	Conductivity
ES		70	100	5	5	0.2					
PAL		7	20	0.5	0.5	0.02					
Top of Casing Elevation = 1598.47 ft MSL											
B-9 (62')	12/06/04	<0.5	<0.4	<0.5	<0.6	<0.3	1586.41	8.42	1.04	165	158.9
	11/29/06	<0.4	<0.4	<0.29	<0.15	<0.15	1585.51	7.51	1.12		191
	02/26/07	<0.4	<0.4	<0.29	<0.15	<0.15	1586.17	7.61	1.74	410	206
	05/22/07	<0.4	<0.5	<0.4	<0.15	<0.15	1596.48	7.58	1.21		358
	08/21/07	<0.4	<0.5	<0.4	<0.15	<0.15	1585.22	6.50	2.30		376
	11/28/07	<0.4	<0.5	<0.4	<0.15	<0.15	1586.36	6.54	1.23		392
	07/28/08	<0.4	<0.5	<0.4	<0.15	<0.15	1578.88	6.88	2.18		291
	02/11/09	<0.4	<0.5	<0.4	<0.15	<0.15	1580.73	6.06	1.62		358
	02/25/10	<0.4	<0.5	<0.4	<0.15	<0.15	1580.06	7.90	1.72		244
	05/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1582.83	7.08	2.17		332
	10/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1581.79	7.59	1.57		391
	04/15/21	<0.41	<0.35	<0.37	<0.16	<0.20	1582.36	7.45	2.21		435
	10/26/21	<0.41	<0.35	<0.37	<0.16	<0.20	1582.58	7.56	2.11		433
Top of Casing Elevation = 1601.25 ft MSL											
B-10 (52')	12/07/04	<0.5	<0.4	<0.5	<0.6	<0.3	1582.14	9.36	1.03	123	166
	10/25/10	<0.5	<0.5	<0.5	<0.2	<0.2	1582.36	7.90	1.27	230	209
	04/26/11	<0.5	<0.5	<0.5	<0.20	<0.20	1581.87	8.27	2.41		263
	10/27/11	<0.50	<0.50	<0.50	<0.20	<0.20	1582.48	6.95	1.56		257
	04/27/12	<0.12	<0.25	<0.17	<0.19	<0.10	1582.29	6.98	2.13		249
	01/08/14	<0.12	<0.25	<0.17	<0.19	<0.10	1582.24	7.09	1.97		289
	04/10/14	<0.12	<0.25	<0.17	<0.19	<0.10	1581.64	6.73	2.35		313
	10/28/14	<0.12	<0.25	<0.17	<0.19	<0.10	1583.18	7.54	0.97		308
	04/27/15	<0.12	<0.25	<0.17	<0.19	<0.10	1582.52	6.70	2.28		212
	10/20/15	<0.41	<0.35	<0.37	<0.16	<0.20	1582.54	7.45	1.26		353
	05/25/16	<0.41	<0.35	<0.37	<0.16	<0.20	1582.88	7.70	1.79		417
	11/16/16	<0.41	<0.35	<0.37	<0.16	<0.20	1583.07	8.16	1.92		344
	04/27/17	<0.41	<0.35	<0.37	<0.16	<0.20	1583.21	8.18	2.24		392
	10/31/17	<0.41	<0.35	<0.37	<0.16	<0.20	1582.75	7.84	2.32		380
	04/26/18	<0.41	<0.35	<0.37	<0.16	<0.20	1582.11	7.07	2.15		243
	10/30/18	<0.21	<0.23	<0.14	<0.20	<0.18	1583.00	7.07	2.11		420
	04/08/19	<0.41	<0.35	<0.37	<0.16	<0.20	1582.18	7.05	2.63		325
	10/28/19	<0.41	<0.35	<0.37	<0.16	<0.20	1583.08	7.18	2.51		295
05/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1582.70	7.17	2.37		307	
10/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1583.07	7.68	1.53		340	
04/15/21	<0.41	<0.35	<0.37	<0.16	<0.20	1582.61	7.40	2.04		383	
10/26/21	<0.41	<0.35	<0.37	<0.16	<0.20	1582.84	7.28	2.80		392	
Top of Casing Elevation = 1601.44 ft MSL											
B-11 (27')	12/07/04	<0.5	<0.4	<0.5	<0.6	<0.3	1582.29	8.98	1.33	119	276.4
	10/26/10	<0.5	<0.5	<0.5	<0.2	<0.2	1582.61	7.13	2.14		231
	04/26/11	<0.5	<0.5	<0.5	<0.20	<0.20	1582.15	8.04	2.50		214
	10/27/11	<0.50	<0.50	<0.50	<0.20	<0.20	1582.43	6.93	2.00		225
	04/27/12	<0.12	<0.25	<0.17	<0.19	<0.10	1582.56	7.00	2.08		227
	01/08/14	<0.12	<0.25	<0.17	<0.19	<0.10	1582.41	6.91	2.37		271
	04/10/14	<0.12	<0.25	<0.17	<0.19	<0.10	1581.86	6.65	2.58		332
	10/28/14	<0.12	<0.25	<0.17	<0.19	<0.10	1583.15	6.79	0.85		314
	04/27/15	<0.12	<0.25	<0.17	<0.19	<0.10	1582.50	6.79	2.38		275
	10/20/15	<0.41	<0.35	<0.37	<0.16	<0.20	1582.72	7.08	2.23		289
	05/25/16	<0.41	<0.35	<0.37	<0.16	<0.20	1582.85	7.26	2.19		441
	11/16/16	<0.41	<0.35	<0.37	<0.16	<0.20	1583.05	7.85	2.54		270
	04/27/17	<0.41	<0.35	<0.37	<0.16	<0.20	1583.40	7.92	2.07		371
	10/31/17	<0.41	<0.35	<0.37	<0.16	<0.20	1582.80	7.40	1.74		382
	04/26/18	<0.41	<0.35	<0.37	<0.16	<0.20	1582.12	6.94	2.31		266
	10/30/18	<0.21	<0.23	<0.14	<0.20	<0.18	1582.98	7.06	2.31		377
	04/08/19	<0.41	<0.35	<0.37	<0.16	<0.20	1582.36	6.99	4.56		338
	10/28/19	<0.41	<0.35	<0.37	<0.16	<0.20	1583.07	7.16	2.50		306
05/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1582.91	6.42	2.28		337	
10/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1583.05	7.72	2.49		329	
04/15/21	<0.41	<0.35	<0.37	<0.16	<0.20	1582.60	7.59	2.66		394	
10/26/21	<0.41	<0.35	<0.37	<0.16	<0.20	1582.82	7.35	2.52		380	
Top of Casing Elevation = 1604.03 ft MSL											
B-12 (42')	12/07/04	<0.5	<0.4	<0.5	<0.6	<0.3	1582.19	8.95	1.26	127	1731
	10/25/10	<0.5	<0.5	0.62	<0.2	<0.2	1582.66	7.57	1.52		292
	04/26/11	<0.5	<0.5	<0.5	<0.20	<0.20	1582.14	8.11	2.55		300
	10/27/11	<0.50	<0.50	<0.50	<0.20	<0.20	1582.32	6.99	1.64		287
	04/27/12	<0.12	<0.25	<0.17	<0.19	<0.10	1582.53	7.03	1.95		294
	01/08/14	<0.12	<0.25	<0.17	<0.19	<0.10	1582.27	7.14	1.88		300
	04/10/14	2.2	<0.25	<0.17	0.53	<0.10	1581.72	6.81	2.44		329
	10/28/14	1.4	<0.25	<0.17	0.29	<0.10	1583.08	6.71	1.24		287
	04/27/15	<0.12	<0.25	<0.17	<0.19	<0.10	1582.40	6.83	2.19		227
	10/20/15	<0.41	<0.35	<0.37	<0.16	<0.20	1582.65	7.10	1.65		325
	05/24/16	3.0	<0.35	<0.37	0.74	<0.20	1582.76	7.33	1.94		442
	11/16/16	1.8	<0.35	<0.37	0.47	<0.20	1582.17	7.99	2.85		361
	duplicate 04/27/17	77	<0.35	<0.37	9.0	<0.20	1583.41	7.77	2.27		430
	10/31/17	<0.41	<0.35	<0.37	<0.16	<0.20	1582.69	7.40	2.30		373
	04/26/18	<0.41	<0.35	<0.37	<0.16	<0.20	1581.96	7.13	2.17		247
	10/30/18	<0.21	<0.23	<0.14	<0.20	<0.18	1582.89	7.14	2.88		429
	04/08/19	<0.41	<0.35	<0.37	<0.16	<0.20	1582.29	7.07	2.53		329
	10/28/19	<0.41	<0.35	<0.37	<0.16	<0.20	1582.96	7.24	2.58		289
05/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1582.89	6.91	2.89		310	
10/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1582.32	7.03	1.84		315	
04/15/21	<0.41	<0.35	<0.37	<0.16	<0.20	1582.49	7.22	2.06		350	
10/25/21	<0.41	<0.35	<0.37	<0.16	<0.20	1582.74	7.31	2.08		392	

TABLE 2
Groundwater Sample Analytical Results
Minocqua Cleaners, Minocqua, WI

Analyte	Sampling Date	Cis-1,2-Dichloroethylene	Trans-1,2-Dichloroethylene	Tetrachloro-ethene	Trichloro-ethene	Vinyl Chloride	GW Elevation	pH	DO	Redox	Conductivity	
ES		70	100	5	5	0.2						
PAL		7	20	0.5	0.5	0.02						
		Top of Casing Elevation = 1604.81 ft MSL										
MW-12A (87.8')	08/09/20	<0.41	<0.35	<0.37	<0.16	<0.20	1582.77	-	-	-	-	
	10/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1582.68	7.45	1.50	370	239	
	04/15/21	<0.41	<0.35	<0.37	<0.16	<0.20	1582.45	7.39	2.05	388	244	
	10/25/21	<0.41	<0.35	<0.37	<0.16	<0.20	1582.8	7.29	2.69	417	220	
		Top of Casing Elevation = 1604.74 ft MSL										
MW-12B (29.3')	08/09/20	<0.41	<0.35	<0.37	<0.16	<0.20	1582.73	-	-	-	-	
	10/26/20	<0.41	<0.35	<0.37	0.34 J	<0.20	1582.97	7.11	2.27	343	249	
	04/15/21	<0.41	<0.35	<0.37	<0.16	<0.20	1582.47	7.35	2.07	393	219	
	10/25/21	<0.41	<0.35	<0.37	<0.16	<0.20	1582.63	7.26	3.02	4.01	202	
		Top of Casing Elevation = 1596.70 ft MSL										
B-13 (25')	11/01/93	310	4.5	470	290	32						
	01/01/94	nd	nd	nd	nd	nd						
	07/01/94	180	nd	200	210	210						
	01/01/95	14	nd	320	22	22						
	06/01/95	290	nd	510	210	210						
	01/01/96	230	24	950	210	210						
	06/01/96	200	nd	590	200	200						
	01/01/97	210	nd	590	160	160						
	10/01/97	53	nd	1100	49	49						
	04/01/98	1100	nd	1100	1100	1100						
	11/01/98	527	nd	1100	28	28						
	06/01/99	520	nd	420	360	360						
	06/01/00	15	nd	510	13	13						
	01/01/01	1000	14	1000	830	830						
	12/01/01	68	nd	320	47	47						
	06/01/02	52	nd	580	44	44						
	12/01/02	510	nd	290	190	190						
	11/03/03	400	nd	460	260	260						
	Pump test	11/09/04	530	10	370	330	35	1583.52				
	Pump test	11/09/04	520	9.1	330	300	32	1577.79				
	Pump test	11/09/04	550	11	380	320	38	1577.80				
		12/08/04	310	6.6	48	150	13	1583.42	8.47	1.48	88	442
		03/23/05	49	4.8	29	29	2.7	1582.46	9.10	1.58	141	311
		09/01/05	30	6.1	37	25	0.59	1582.53	6.87	1.12	180	224.7
		02/15/06	49	<6.0	92	20	<1.2	1582.45	7.23	1.14	157	251
		05/23/06	29	<4.0	140	24	<1.5	1582.86	7.29	0.97	154	258.8
		08/08/06	27	<4.0	92	39	<1.5	1582.58	7.70	0.97	285	381
		11/29/06	48	5	33	52	1.5	1582.77	7.28	1.23	268	268
		02/26/07	97	1.3	98	63	<0.30	1583.16	7.04	1.33	359	427
		05/22/07	40	<1.0	61	27	<0.3	1583.20	7.60	1.16	444	370
		08/22/07	29	0.55	34	18	<0.15	1582.62	5.73	1.56	444	355
		11/29/07	4.5	<0.5	15	5.3	<0.15	1583.12	6.72	1.70	406	294
	Otr	07/29/08	9.6	<0.5	34	9.3	<0.15	1582.59	6.75	1.82	344	406
	Pilot Study	09/11/08	9.3	<0.5	16	7.1	<0.15	1582.58	7.13	2.41	316	372
	Pilot Study	10/09/08	9.9	<0.5	22	8.1	<0.15	1582.95	7.55	2.15	308	379
	Otr	11/21/08	14	<0.5	15	5.9	<0.15	1582.90	7.66	2.01	364	378
Pilot Study	12/17/08	1.9	<0.50	13	3.7	<0.15	1582.89	8.12	1.48	312	257	
Otr	02/11/09	0.58	<0.5	37	1.6	<0.15	1582.43	7.53	1.49	414	297	
Otr	05/21/09	15	<0.5	46	9.6	<0.15	1582.93	6.47	2.10	357	394	
Pilot Study	08/05/09	370		170	170	0.7	1582.29	6.19	1.49	441	580	
Otr	11/19/09	120	1.4	100	68	<0.3	1582.89	6.48	1.75	402	446	
	02/25/10	56	0.69	54	33	<0.15	1582.98	7.18	1.66	251	407	
	05/12/10	23	0.3	33	14	<0.22	1583.02	7.28	1.55	233	410	
	10/25/10	93	<1.0	120	44	0.64	1584.19	6.53	1.42	185	700	
	04/26/11	35	<0.50	25	31	2.6	1583.46	7.79	2.06	152	559	
B-13 (35')	10/28/11	240	2.7	150	130	0.94	1583.62	7.28	1.72	165	593	
	04/27/12	18	<0.25	24	11	1.1	1583.73	7.25	1.58	172	601	
	01/09/14	65	0.57	35	26	11	1583.86	7.22	1.96	181	611	
	04/10/14	63	<0.25	22	12	5.7	1583.55	7.02	2.46		580	
	10/29/14	210	2.2	100	100	48	1584.36	6.43	0.97		396	
	04/28/15	19	<0.25	57	24	1.9	1583.82	6.67	2.07		336	
	10/21/15	18	<0.35	22	12	2.3	1584.08	6.80	1.89	287	374	
	05/26/16	47	<0.35	440	32	2.2	1584.29	7.19	2.24	403	371	
	11/17/16	250	2.2	150	73	38	1584.22	7.69	2.58	300	389	
	04/28/17	8.8	<0.35	39	4.8	<0.20	1584.69	7.27	1.84	367	287	
	10/31/17	84	0.68	64	43	1.1	1584.22	6.89	2.36	246	405	
	04/27/18	29	<0.35	35	15	<0.20	1583.54	7.08	2.10	303	299	
	10/30/18	77	0.79 J	84	48	<0.18	1584.23	6.98	2.27	427	394	
	04/09/19	44	<0.35	44	28	<0.20	1583.90	7.10	3.56	382	324	
	10/29/19	3.7	<0.35	17	3.8	<0.20	1584.31	7.00	2.65	329	295	
	05/26/20	36	<0.35	45	26	<0.20	1584.29	7.36	2.07	345	297	
	10/27/20	34	<0.35	30	18	<0.20	1584.32	7.83	1.93	325	311	
	04/15/21	<0.41	<0.35	12	0.35 J	<0.20	1583.96	7.66	2.18	439	268	
	10/26/21	0.93 J	<0.35	11	1.4	<0.20	1583.99	7.24	2.20	452	313	

TABLE 2
Groundwater Sample Analytical Results
Minocqua Cleaners, Minocqua, WI

Analyte	Sampling Date	Cis-1,2-Dichloroethylene	Trans-1,2-Dichloroethylene	Tetrachloro-ethene	Trichloro-ethene	Vinyl Chloride	GW Elevation	pH	DO	Redox	Conductivity
ES		70	100	5	5	0.2					
PAL		7	20	0.5	0.5	0.02					
Top of Casing Elevation = 1596.33 ft MSL											
B-13A (62')	12/08/04	1.5	<0.4	<0.5	<0.6	<0.3	1582.22	9.12	1.45	64	2.46.4
	03/23/05	0.95	<0.6	<0.4	<0.15	<0.12	1581.25	9.38	1.36	141	191.5
	09/01/05	1	<0.6	<0.4	2.6	<0.12	1581.56	7.58	0.67	148	160
	02/15/06	1	<0.60	0.62	2.8	<0.12	1581.43	7.73	1.75	156	150.6
	05/23/06	0.99	0.44	<0.29	3.7	<0.15	1581.83	8.26	1.01	153	146.2
	08/08/06	1.1	0.42	<0.29	3.5	<0.15	1581.60	8.29	1.19	225	166
	11/29/06	1.6	<0.4	<0.29	2.7	0.25	1581.57	7.61	1.17		149
	02/26/07	0.41	<0.4	0.3	0.93	<0.15	1582.19	7.64	1.51	353	172
	05/22/07	<0.4	<0.5	<0.4	0.54	<0.15	1582.25	7.33	1.28		207
	08/22/07	<0.4	<0.5	<0.4	0.42	<0.15	1581.67		1.68	371	227
	11/29/07	<0.4	<0.5	<0.4	0.23	<0.15	1582.13	7.69	1.18	352	204
Qtr	07/29/08	<0.4	<0.5	<0.4	0.19	<0.15	1581.61	8.03	1.79	308	241
Pilot Study	09/11/08	<0.4	<0.5	<0.4	0.26	<0.15	1581.55	8.20	2.53	248	223
Pilot Study	10/09/08	<0.4	<0.5	<0.4	0.26	<0.15	1581.85	8.67	2.20	251	225
Qtr	11/21/08	0.43	<0.5	0.42	<0.15	<0.15	1581.77	8.31	1.84	300	227
Pilot Study	12/17/08	0.41	<0.50	<0.40	0.25	<0.15	1581.84	8.27	1.43	297	233
Qtr	02/11/09	0.51	<0.5	<0.4	0.32	<0.15	1581.39	7.67	1.96	401	237
Qtr	05/21/09	0.53	<0.5	0.75	0.29	<0.15	1582.09	6.43	1.82	363	246
Pilot Study	08/05/09	1.4	<0.5	3.5	1.5	<0.15	1581.32	7.61	1.51	396	237
Qtr	11/19/09	0.79	<0.5	1.8	0.69	<0.15	1581.92	7.55	1.17	229	240
	02/25/10	0.6	<0.5	<0.4	<0.15	<0.15	1581.96	7.98	1.21	203	239
	05/12/10	0.64	<0.25	0.61	0.29	<0.22	1581.96	8.56	1.21	256	246
	10/25/10	0.74	<0.5	1.8	0.57	<0.2	1582.79	8.07	2.15	205	246
	04/26/11	0.64	<0.50	<0.50	0.45	<0.20	1582.31	8.29	1.92	179	249
	10/28/11	1.2	<0.50	2.3	1.3	<0.20	1582.47	6.95	2.25	188	253
	04/27/12	<0.12	<0.25	<0.17	0.34	<0.10	1582.63	7.07	1.72	191	250
	01/09/14	<0.12	<0.25	0.56	0.33	<0.10	1582.68	7.11	1.83	190	342
	04/10/14	<0.12	<0.25	<0.17	<0.19	<0.10	1582.34	6.98	2.23		391
	10/29/14	<0.12	<0.25	0.78	0.46	<0.10	1583.10	7.26	0.90		291
	04/28/15	<0.12	<0.25	0.63	<0.19	<0.10	1582.73	7.14	2.18		295
	10/21/15	<0.41	<0.35	<0.37	<0.16	<0.20	1582.98	7.54	1.92	287	306
	05/26/16	<0.41	<0.35	3.3	0.46	<0.20	1583.19	7.98	1.65	352	313
	11/17/16	<0.41	<0.35	1.4	0.36	<0.20	1583.18	8.13	1.84	265	312
	04/28/17	<0.41	<0.35	<0.37	<0.16	<0.20	1583.51	8.26	2.13	340	314
	10/31/17	<0.41	<0.35	0.81	<0.16	<0.20	1583.14	7.93	2.39	306	318
	04/27/18	<0.41	<0.35	<0.37	<0.16	<0.20	1582.32	6.95	2.26	297	327
	10/30/18	<0.21	<0.23	0.94 J	0.33 J	<0.18	1583.12	6.97	2.53	416	335
	04/09/19	<0.41	<0.35	0.50 J	0.19 J	<0.20	1582.66	7.08	2.65	368	346
	10/29/19	<0.41	<0.35	<0.37	<0.16	<0.20	1583.22	7.12	2.78	302	359
	05/26/20	<0.41	<0.35	0.50 J	0.25 J	<0.20	1583.17	7.54	2.46	338	334
	10/27/20	<0.41	<0.35	<0.37	0.21 J	<0.20	1583.23	7.41	2.88	320	324
	04/15/21	<0.41	<0.35	<0.37	<0.16	<0.20	1582.82	7.02	2.27	393	320
	10/26/21	<0.41	<0.35	<0.37	<0.16	<0.20	1582.85	7.19	2.26	406	552
Top of Casing Elevation = 1596.16 ft MSL											
B-13B (92')	12/08/04	0.92	<0.4	<0.5	<0.6	<0.3	1582.48	9.34	1.25	44	497.8
	03/23/05	<0.6	<0.6	<0.4	<0.15	<0.12	1581.24	8.40	1.77	173	197.8
	09/01/05	<0.6	<0.6	<0.4	<0.15	<0.12	1581.68	7.57	1.41	253	144
	02/15/06	<0.6	<0.6	<0.4	<0.15	<0.12	1581.51	8.18	1.30	156	151.9
	05/23/06	<0.4	<0.4	<0.29	<0.15	<0.15	1581.93	8.10	1.13	153	144.9
	08/08/06	<0.4	<0.4	0.32	<0.15	<0.15	1581.74	7.83	0.74	326	168
	11/29/06	<0.4	<0.4	0.32	<0.15	<0.15	1581.65	7.32	1.25		159
	02/26/07	<0.4	<0.4	<0.29	<0.15	<0.15	1582.37	7.58	1.72	349	172
	05/22/07	<0.4	<0.5	<0.4	<0.15	<0.15	1582.44	7.27	1.33		191
	08/22/07	<0.4	<0.5	<0.4	<0.15	<0.15	1581.88	5.89	2.04	370	205
	11/29/07	<0.4	<0.5	<0.4	<0.15	<0.15	1582.27	7.90	1.64	353	200
	07/29/08	<0.4	<0.5	<0.4	<0.15	<0.15	1581.79	8.02	1.58	279	207
	02/11/09	<0.4	<0.5	<0.4	<0.15	<0.15	1581.51	7.69	1.89	360	198
	05/21/09	<0.4	<0.5	<0.4	<0.15	<0.15	1581.96	6.35	1.91	364	208
	11/19/09	<0.4	<0.5	0.66	<0.15	<0.15	1582.05	7.68	1.83	249	200
	02/25/10	<0.4	<0.5	0.51	0.18	<0.15	1582.01	8.12	1.73	212	201
	05/12/10	<0.25	<0.25	<0.3	<0.21	<0.22	1582.09	8.66	1.92	277	213
	10/25/10	<0.5	<0.5	<0.5	<0.2	<0.2	1582.82	7.80	1.56	276	210
	04/26/11	<0.5	<0.5	<0.5	<0.2	<0.2	1582.42	8.08	1.74	191	238
	10/28/11	<0.50	<0.50	0.83	0.44	<0.20	1582.52	6.82	1.97	204	224
	04/27/12	<0.12	<0.25	<0.17	<0.19	<0.10	1582.70	7.13	1.66	202	229
	01/09/14	<0.12	<0.25	<0.17	<0.19	<0.10	1582.70	7.15	1.84	198	365
	04/10/14	<0.12	<0.25	<0.17	<0.19	<0.10	1582.43	7.08	1.93		399
	10/29/14	<0.12	<0.25	<0.17	<0.19	<0.10	1583.07	7.24	0.96		338
	04/28/15	<0.12	<0.25	<0.17	<0.19	<0.10	1582.78	6.86	1.89		339
	10/21/15	<0.41	<0.35	<0.37	<0.16	<0.20	1583.04	7.62	1.77	335	369
	05/26/16	<0.41	<0.35	1.2	<0.16	<0.20	1583.23	7.96	2.08	417	367
B-13B	11/17/16	<0.41	<0.35	0.62	<0.16	<0.20	1583.24	8.14	2.39	327	408
	04/28/17	<0.41	<0.35	<0.37	<0.16	<0.20	1583.53	8.34	2.19	351	588
	10/31/17	<0.41	<0.35	0.56	<0.16	<0.20	1583.21	8.07	2.28	332	431
	04/27/18	<0.41	<0.35	1.3	0.43	<0.20	1582.38	7.02	2.91	304	503
	10/30/18	<0.21	<0.23	1.2	<0.20	<0.18	1583.20	6.97	2.01	419	450
	04/09/19	<0.41	<0.35	1.7	0.57	<0.20	1582.71	7.09	2.23	354	471
	10/29/19	<0.41	<0.35	2.6	0.74	<0.20	1583.25	7.01	1.99	336	538
	05/26/20	<0.41	<0.35	2.5	1.9	<0.20	1583.22	7.72	2.57	346	716
	10/27/20	<0.41	<0.35	1.6	1.4	<0.20	1583.27	7.69	1.78	307	618
	04/15/21	<0.41	<0.35	3.9	2.3	<0.20	1582.89	7.20	2.08	388	808
	10/26/21	<0.41	<0.35	3.5	0.96	<0.20	1582.86	7.19	2.26	406	552

TABLE 2
Groundwater Sample Analytical Results
Minocqua Cleaners, Minocqua, WI

Analyte	Sampling Date	Cis-1,2-Dichloroethylene	Trans-1,2-Dichloroethylene	Tetrachloro-ethene	Trichloro-ethene	Vinyl Chloride	GW Elevation	pH	DO	Redox	Conductivity	
ES		70	100	5	5	0.2						
PAL		7	20	0.5	0.5	0.02						
B-15 (42')	12/07/04	Top of Casing Elevation = 1601.77 ft MSL						1583.36	8.73	1.19	136	410.9
EXW-2	06/01/00	4.3	ND	3.2	7.9	<0.16>						
	01/01/01	4	<0.18>	3.4	7.3	<0.18>						
	12/01/01	4.5	ND	5.6	8.6	ND						
	06/01/02	4.9	<0.21>	1.9	7.3	ND						
	12/01/02	5	ND	1.2	5.3	ND						
	11/01/03	6.8	ND	3.4	6.9	0.53						
	12/06/04	5.2	<0.4	1.9	4.5	<0.3						
	03/23/05	<0.6	<0.6	<0.4	<0.15	<0.12		9.03	1.56	-64	775.3	
	09/01/05	<0.6	<0.6	<0.4	<0.15	<0.12		7.46	1.15	19	562.3	
	02/15/06	<3.0	<3.0	<2.0	<0.75	<0.6		7.47	1.92	151	730.9	
	05/23/06	0.41	<0.4	0.33	0.35	<0.15		7.62	0.84	142	123.6	
	08/22/06	<0.4	<0.4	<0.29	<0.15	<0.15		8.72	1.38	78	144	
EXW-4	03/22/05	0.78	<0.6	0.87	1.2	<0.12						
	09/01/05	<0.6	<0.6	<0.4	<0.15	<0.12						
	05/23/06	9.7	<0.4	6	11	0.37		8.23	1.50	156	209.7	
	08/08/06	5.1	<0.4	4.1	5.5	0.17		8.59	1.76	159	222	
	11/29/06	4.1	<0.4	3.7	5.5	0.16		7.17	1.71		215	
	02/26/07	2.5	<0.4	2.5	3.2	<0.15		8.08	2.51	39	250	
	05/23/07	2.2	<0.5	2.3	2.8	<0.15		7.57	1.49		268	
	08/22/07	1.2	<0.5	1.3	1.6	<0.15		6.95	2.01	342	234	
	11/29/07	1.5	<0.5	1.6	2.2	<0.15		7.76	2.23	139	285	
	07/29/08	1.3	<0.5	0.55	2.1	<0.15		8.07	2.85	305	279	
	11/20/08	1	<0.5	0.7	1.5	<0.15		8.30	1.19	304	311	
	02/11/09	0.93	<0.5	0.44	1.2	<0.15		7.93	1.69	349	335	
	05/21/09	2.3	<0.5	1.2	2.6	<0.15		7.71	2.39	225	317	
	08/05/09	2	<0.5	1.1	2.1	<0.15		7.52	1.91	291	281	
	11/19/09	0.76	<0.5	0.61	1	<0.15		7.80	2.53	239	289	
	02/25/10	0.67	<0.5	0.5	0.77	<0.15		7.97	2.18	211	308	
	05/11/10	0.64	<0.25	0.45	0.7	<0.22		8.31	2.56	359	321	
	10/25/10	0.91	<0.5	0.96	1.1	<0.2		7.70	2.74	181	346	
	04/26/11	1.9	<0.50	0.61	2.1	<0.20		8.26	2.67	143	326	
	10/27/11	0.92	<0.50	<0.50	0.82	<0.20		7.11	2.08	176	355	
	04/27/12	<0.12	<0.25	<0.17	0.35	<0.10		7.15	2.13	172	349	
	01/08/14	0.67	<0.25	<0.17	0.62	<0.10		7.06	2.13	125	359	
	04/10/14	0.91	<0.25	<0.17	0.76	<0.10		6.71	2.33		376	
	10/28/14	0.99	<0.25	<0.17	0.99	<0.10		7.29	1.37		328	
	04/27/15	<0.12	<0.25	<0.17	1.7	<0.10		6.60	2.02		311	
	10/22/15	1.1	<0.35	<0.37	1.1	<0.20		7.48	2.14	246	375	
	05/25/16	1.7	<0.35	<0.37	1.8	<0.20		7.66	2.15	296	384	
	11/16/16	1.5	<0.35	<0.37	1.4	<0.20		8.01	4.04	259	272	
	10/31/17	1.9	<0.35	<0.37	1.4	<0.20		7.79	3.53	362	378	
	04/26/18	1.7	<0.35	<0.37	1.3	<0.20		7.09	3.16	256	377	
	10/30/18	1.6	<0.23	0.22 J	0.92 J	<0.18		7.14	2.79	425	376	
	04/08/19	1.3	<0.35	<0.37	1.0	<0.20		6.90	5.07	360	367	
	10/28/19	1.3	<0.35	<0.37	0.99	<0.20		7.20	2.58	308	384	
	05/26/20	2.2	<0.35	<0.37	1.4	<0.20		6.65	3.21	315	387	
	10/26/20	1.5	<0.35	0.43 J	1.30	<0.20		7.37	2.55	374	412	
	04/15/21	1.5	<0.35	0.45 J	1.3	<0.20		7.58	2.08	407	396	
	10/26/21	1.8	<0.35	<0.37	1.6	<0.20		7.28	2.09	386	398	
EXW-5	11/01/93	32	ND	48	48	ND						
	01/01/94	ND	ND	48	48	ND						
	07/01/94	6.2	ND	6.7	ND	14						
	01/01/95	35	ND	32	57	ND						
	06/01/95	ND	ND	96	110	19						
	01/01/96	18	ND	17	19	ND						
	06/01/96	28	1.7	2.4	20	ND						
	01/01/97	59	3.8	28	36	ND						
	10/01/97	68	ND	36	49	ND						
	04/01/98	58	ND	31	33	ND						
	11/01/98	110	ND	38	54	ND						
	06/01/99	150	ND	<9.3>	24	ND						
	12/01/99	2.5	ND	<0.42>	0.98	ND						
	06/01/00	160	1.6	19	32	ND						
	01/01/01	16	<0.29>	5.8	10	ND						
	12/01/01	19	ND	5.6	8.6	ND						
	06/02/02	54		11	24	3.3						
	12/01/02	57	ND	8.6	18	ND						
	12/06/04	61	<0.4	<1.0	<1.2	11						

continued on next page

TABLE 2
Groundwater Sample Analytical Results
Minocqua Cleaners, Minocqua, WI

Analyte	Sampling Date	Cis-1,2-Dichloroethylene	Trans-1,2-Dichloroethylene	Tetrachloro-ethene	Trichloro-ethene	Vinyl Chloride	GW Elevation	pH	DO	Redox	Conductivity
ES		70	100	5	5	0.2					
PAL		7	20	0.5	0.5	0.02					
		continued from previous page									
	03/23/05	38	<1.2	1.6	9	2.7		8.97	1.14	-72	417.5
	09/01/05	29	<0.6	<0.40	0.48	2.1		7.16	1.06	64	112.7
	02/15/06	33	<0.6	0.42	1.2	4.5		7.41	1.90	150	112.8
	05/23/06	51	<0.8	4.5	8.9	5.2		7.49	1.81	145	160.5
	08/08/06	33	0.62	1.7	3.3	3.7		8.44	0.97	80	128
	11/29/06	33	0.46	17	18	7		7.38	1.19		168
	02/26/07	2.3	<0.4	<0.29	1.4	0.4		7.60	1.01	110	146
	05/22/07	1.5	<0.5	<0.4	0.35	0.4		7.69	1.34		168
EXW-5	08/22/07	1.5	<0.5	<0.4	0.21	1.3		6.69	2.14	121	116
	11/29/07	2.7	<0.5	<0.4	0.25	1.2		7.35	1.84	88	106
	07/29/08	2.3	<0.5	<0.4	<0.15	0.56		7.44	1.23	51	141
		Well Abandoned									
EXW-6	02/26/07	43	1.1	23	19	2.4		7.90		293	224
	05/22/07	44	0.99	25	18	2.2		7.55	1.52		239
	08/22/07	34	0.67	16	12	1.6		6.65	2.34	231	225
	11/29/07	36	0.69	20	14	1.2		7.24	1.71	277	285
	07/29/08	32	0.55	23	14	0.79		7.45	1.87	137	228
	09/11/08	26	<0.5	16	12	0.69		7.87	2.23	254	224
	10/09/08	34	0.53	19	15	1.1		8.02	2.03	253	228
	11/20/08	27	<0.5	15	13	0.94		7.95	1.87	385	233
	12/17/08	23	<0.50	14	12	0.51		8.04	2.29	303	226
	02/11/09	25	<0.5	18	14	<0.15		8.02	1.98	377	240
	05/21/09	22	<0.5	16	13	0.77		7.56	2.12	356	230
	08/05/09	30	<0.5	16	13	1.9		6.70	2.37	351	241
	11/19/09	32	0.6	17	16	2.3		7.47	2.45	307	231
	02/25/10	22	<0.5	13	12	0.86		8.12	1.69	226	227
	05/11/10	23	0.42	13	11	2.3		7.86	1.62	278	234
	10/25/10	24	<0.5	13	13	3.2		7.28	1.73	221	249
	04/26/11	20	<0.50	13	12	1.4		8.28	2.33	304	269
	10/27/11	24	<0.50	16	16	2.4		7.06	1.42	216	270
	04/27/12	23	0.50	7.0	9.2	3.2		7.12	1.85	218	263
	01/08/14	19	<0.25	6.9	12	1.6		7.27	2.09	227	417
	04/10/14	<0.12	<0.25	<0.17	0.87	<0.10		6.59	2.17		444
	10/28/14	18	<0.25	8.6	12	1.6		7.44	1.81		310
	04/27/15	18	<0.25	5.9	12	1.7		6.52	1.94		327
	10/20/15	16	<0.35	6.0	8.8	1.4		7.44	2.18	367	289
	05/25/16	24	1.3	<0.37	0.80	6.3		7.96	1.84	65	412
	11/16/16	17	<0.35	8.1	9.5	1.1		7.90	2.34	322	300
	04/27/17	19	<0.35	7.0	11	1.1		7.76	2.42	397	300
	10/31/17	18	<0.35	6.0	10	1.2		7.68	2.65	374	299
	04/26/18	19	<0.35	7.6	13	1.3		7.03	2.19	262	298
	10/30/18	16	<0.23	6.7	9.3	0.92 J		7.01	2.34	439	292
	04/08/19	<0.41	<0.35	<0.37	1.0	<0.20		7.21	4.02	338	374
	10/28/19	16	<0.35	4.7	8.7	<0.20		7.04	2.38	357	286
	05/26/20	18	<0.35	4.0	10	0.85 J		6.74	2.49	347	290
	10/26/20	15	<0.35	3.2	7.6	0.88 J		7.47	2.25	299	288
	04/15/21	18	<0.35	2.9	9.0	0.97 J		7.28	2.27	409	290
	10/26/21	17	<0.35	2.2	6.6	0.80 J		7.26	2.47	413	275
Muni #4	10/27/20	<0.41	<0.35	<0.37	<0.16	<0.20		7.71	1.97	300	299
	04/15/21	<0.41	<0.35	<0.37	<0.16	<0.20		7.12	2.48	474	281
	10/26/21	<0.41	<0.35	<0.37	<0.16	<0.20		7.04	2.21	412	288
MW-16	11/01/93	ND	ND	ND	ND	ND					
	01/01/94	ND	ND	ND	ND	ND					
	07/01/94	ND	ND	ND	ND	ND					
	01/01/95	ND	ND	ND	ND	ND					
	06/01/95	ND	ND	ND	ND	0.71					
	01/01/96	ND	ND	ND	ND	ND					
	06/06/96	ND	1.3	ND	ND	ND					
	01/01/97	ND	ND	ND	ND	ND					
	10/01/97	ND	ND	0.54	ND	ND					
	04/01/98	ND	ND	1	ND	ND					
	11/01/98	ND	ND	ND	ND	ND					
	06/01/99	Lost Well									

TABLE 2
Groundwater Sample Analytical Results
Minocqua Cleaners, Minocqua, WI

Analyte	Sampling Date	Cis-1,2-Dichloroethylene	Trans-1,2-Dichloroethylene	Tetrachloro-ethene	Trichloro-ethene	Vinyl Chloride	GW Elevation	pH	DO	Redox	Conductivity
ES		70	100	5	5	0.2					
PAL		7	20	0.5	0.5	0.02					
Top of Casing Elevation = 1591.80 ft MSL											
MW-17 (18')	11/01/93	230	3.5	23	40	1.2					
	01/01/94	400	ND	40	58	ND					
	07/01/94	380	ND	44	40	ND					
	01/01/95	12	ND	0.53	112	ND					
	06/01/95	ND	ND	380	53	12					
	01/01/96	180	40	32	31	ND					
	06/06/96	290	13	80	40	6.7					
	01/01/97	860	7	33	53	3.2					
	10/01/97	270									
	04/01/98	84	ND	11	9.4	ND					
	11/01/98	290	4.5	24	37	2.8					
	06/01/99	170	ND	<9.7>	23	ND					
	12/01/99	420	ND	ND	26	ND					
	06/01/00	220	ND	ND	ND	ND					
	01/01/01	270	<7.0>	ND	<8.7>	<4.4>					
	12/01/01	200	<5.0>	<5.2>	<4.8>	ND					
	06/01/02	180	<5.7	9.4	8.9	ND					
	12/01/02	230	ND	<13>	43	<5.1>					
	11/01/03	390	<13>	ND	ND	ND					
	12/07/04	220	7.5	6.8	14	4.7	1583.11	8.64	1.46	-32	230
	03/23/05	84	3.4	7.8	6.7	2.6	1582.17	8.90	1.76	16	252.4
	09/01/05	330	9.1	1.4	5	23	1582.31	6.65	1.78	204	240
	02/15/06	140	4.6	4.3	1.9	2.9	1582.12	7.32	1.75	153	196.4
	05/23/06	98	<4.0	5.9	5.8	4	1582.75	7.24	1.68	152	171.9
	08/08/06	290	5.7	7.9	12	12	1582.80	7.44	1.58	2.57	264
	11/29/06	190	4.6	11	25	8.7	1582.54	7.38	1.67		249
	02/26/07	230	4	<2.9	18	15	1582.82	7.16	1.49	216	253
	05/23/07	100	4.9	2.4	3	9.2	1583.11	7.66	1.88		236
	08/22/07	130	<2.5	6.1	18	10	1582.56	6.20	2.23	2.04	309
	11/29/07	110	4.5	3.8	5.8	11	1582.89	6.62	2.18	255	263
Qtr	07/29/08	100	6.7	4	3.5	12	1582.82	6.83	2.35	209	272
Pilot Study	09/11/08	180	3	4.3	22	18	1582.45	6.39	1.87	229	487
Pilot Study	10/09/08	150	3	<2.0	<0.75	14	1582.71	6.56	2.57	195	616
	11/21/2008	99	2.7	<2.0	<0.75	10	1582.59	7.08	1.55	150	633
Pilot Study	12/17/2008	120	5.4	<2.0	<0.75	14	1582.39	7.05	2.11	149	657
Qtr	2/11/2009	78	2.4	1.7	2.1	29	1582.41	7.43	1.37	225	426
Qtr	5/21/2009	63	3.5	1.3	0.72	49	1582.97	8.63	2.10	172	400
Pilot Study	8/5/2009	180	1.7	6.8	43	91	1582.26	5.98	2.90	181	512
Qtr	11/19/2009	8.6	<0.5	0.85	2.2	45	1582.67	6.28	2.10	182	494
	02/25/10	14	<0.5	0.85	0.35	41	1582.45	6.62	1.98	217	5.9
	05/11/10	11	0.25	0.41	0.24	26	1582.67	6.89	1.47	244	386
	10/25/10	6.5	<0.5	<0.5	1.4	41	1583.43	6.28	2.14	143	313
	04/26/11	6.7	<0.50	0.56	3.5	8.3	1583.05	7.44	2.27	87	249
	10/28/11	130	1.3	<0.50	12	110	1583.00	7.30	2.07	137	362
	04/27/12	10	<0.25	<0.17	0.50	16	1583.07	7.32	2.39	141	328
	01/08/14	33	2.0	0.55	5.0	91	1583.19	6.78	2.19	152	395
	04/10/14	30	1.2	<0.17	1.1	19	1583.42	6.82	2.34		237
	10/28/14	48	1.5	<0.17	0.38	55	1583.62	6.25	1.11		257
	04/27/15	23	1.4	<0.17	1.1	19	1583.11	6.67	1.96		255
	10/20/15	<0.42	2.3	<0.37	24	46	1583.29	6.58	1.95	187	450
	05/25/16	19	<0.35	<0.37	0.52	19	1583.39	6.48	2.15	238	164
	11/16/16	64	2.3	<0.37	<0.16	42	1583.43	7.19	1.65	182	267
	04/27/17	17	<0.35	<0.37	<0.16	11	1583.81	7.26	1.99	220	162
	10/31/17	46	0.91	<0.37	1.7	22	1583.63	6.83	2.23	204	293
	04/27/18	6.0	<0.35	2.5	0.96	4.5	1583.97	6.89	2.28	131	180
	10/30/18	84	2.5	0.97 J	0.71 J	27	1583.45	7.96	2.06	309	236
	04/08/19	19	0.65	<0.37	0.70	7.9	1583.54	7.19	3.05	224	225
	10/28/19	22	0.76	<0.37	0.26	12	1583.59	7.05	2.80	231	223
	05/26/20	31	1.2	0.64 J	0.62	9.6	1583.49	6.81	2.46	257	166
	10/26/20	67	2.70	<0.37	0.47 J	48	1583.53	7.54	2.46	241	263
	04/15/21	6.1	<0.35	0.41 J	0.88	3.7	1583.62	7.31	2.32	272	164
	10/26/21	160	3.4	<0.37	<0.16	57	1583.32	7.65	3.10	202	320

TABLE 2
Groundwater Sample Analytical Results
Minocqua Cleaners, Minocqua, WI

Analyte	Sampling Date	Cis-1,2-Dichloroethylene	Trans-1,2-Dichloroethylene	Tetrachloro-ethene	Trichloro-ethene	Vinyl Chloride	GW Elevation	pH	DO	Redox	Conductivity
ES		70	100	5	5	0.2					
PAL		7	20	0.5	0.5	0.02					
Top of Casing Elevation = 1591.42 ft MSL											
MW-18 (17')	11/01/93	44	0.93	2200	200	ND					
	01/01/94	ND	ND	8000	530	ND					
	07/01/94	15	ND	75	13	ND					
	01/01/95	6.3	ND	4.2	21	ND					
	06/01/95	ND	ND	4.1	1600	950					
	01/01/96	6.7	ND	110	100	ND					
	06/06/96	3.9	ND	51	34	ND					
	01/01/97	16	ND	500	130	ND					
	10/01/97	20	ND	290	150	ND					
	04/01/98	3.3	ND	37	13	ND					
	11/01/98	24	0.84	41	43	ND					
	06/01/99	19	ND	5.1	28	ND					
	12/01/99	Not Sampled because well was bent in collision									
	06/01/00	220	3.3	4.9	43	1.7					
	01/01/01	9.9	ND	34	76	ND					
	12/01/01	<0.50	ND	3.4	1.8	ND					
	06/01/02	1	ND	5.2	3.6	ND					
	12/01/02	1.9	ND	6.5	6	1.2					
	11/01/03	1.3	ND	1.6	1.1	ND					
	12/07/04	1.1	<0.4	5.7	2	0.43	1582.96	8.41	1.33	42	475.8
	03/22/05	1.6	<0.6	4.5	2.9	0.66	1581.92	8.69	1.98	52	479.8
	08/31/05	670	7.7	470	2700	1.3	1582.13	6.50	1.11	292	328
	02/14/06	2.9	<0.6	6.8	7.7	0.39	1581.88	7.25	1.93	158	280.7
	05/22/06	1.2	<0.4	3.1	2.2	1.7	1582.47	7.22	2.37	155	339.9
	08/08/06	37	<0.4	7.7	83	1.7	1582.44	7.48	1.89	256	431
	11/29/06	250	1.8	16	140	4	1582.45	7.00	1.51		305
	02/26/07	27	<0.4	1.2	2.4	7.1	1582.60	6.75	1.29	361	595
	05/23/07	<0.4	<0.5	1.8	0.27	0.8	1582.90	7.68	1.93		573
	08/22/07	110	1.1	3	22	11	1582.35	5.88	1.46	204	309
	11/29/07	0.4	<0.5	2.5	1.3	0.89	1582.62	6.56	1.84	304	793
Qtr	07/29/08	18	<0.5	3.1	2.5	1.9	1582.53	6.91	2.22	346	506
Pilot Study	09/11/08	490	5.3	3.3	23	24	1582.23	7.15	2.15	375	293
Pilot Study	10/09/08	4.4	<0.5	4.3	1.5	5.9	1582.46	6.92	2.27	425	600
Qtr	11/21/2008	1.3	<0.5	1.5	0.69	2.1	1582.25	7.23	1.62	191	638
Pilot Study	12/17/2008	3.0	<0.50	1.1	0.54	1.9	1582.16	7.29	1.28	304	597
Qtr	2/11/2009	<0.4	<0.5	3.7	<0.15	<0.15	1581.86	7.48	1.61	354	255
Qtr	5/21/2009	<0.4	<0.5	3	<0.15	<0.15	1582.61	7.96	2.16	237	320
Pilot Study	8/5/2009	320	3.5	2.1	25	13	1582.09	6.05	2.37	262	331
Qtr	11/19/2009	1.4	<0.5	1.9	0.31	4.9	1582.38	6.28	2.18	288	614
	02/25/10	75	1.1	0.46	0.26	29	1582.27	6.78	1.51	228	558
	05/11/10	0.9	<0.25	0.86	<0.21	1.4	1582.40	7.14	1.32	319	569
	10/25/10	<0.5	<0.5	2.5	1.3	0.54	1583.29	6.42	2.12	172	457
	04/26/11	<0.5	<0.5	<0.50	<0.20	0.21	1582.69	7.68	2.36	197	599
	10/28/11	17	<0.50	<0.50	0.90	3.9	1582.88	6.93	2.13	193	601
	04/27/12	3.7	<0.25	<0.17	0.32	1.7	1582.90	6.99	2.46	189	584
	01/08/14	0.75	<0.25	<0.17	0.39	<0.10	1583.08	6.92	2.07	202	488
	04/10/14	0.79	<0.25	<0.17	<0.19	<0.10	1582.86	6.68	2.28		414
	10/28/14	0.51	<0.25	<0.17	1.4	<0.10	1583.50	6.33	0.90		348
	04/27/15	<0.12	<0.25	<0.17	<0.19	<0.10	1582.88	6.43	2.12		449
	10/20/15	97	<0.35	<0.37	8.0	2.6	1583.18	6.38	2.23	244	466
	05/25/16	<0.41	<0.35	<0.37	<0.16	<0.20	1583.38	6.78	2.16	239	352
	11/16/16	0.52	<0.35	0.91	1.1	<0.20	1583.33	7.24	1.99	219	396
	04/27/17	<0.41	<0.35	1.1	<0.16	<0.20	1583.62	7.32	2.31	257	332
	10/31/17	1.0	<0.35	<0.37	0.48	<0.20	1583.43	6.46	1.47	384	331
	04/26/18	0.49	<0.35	0.43	<0.16	<0.20	1582.93	6.86	2.34	157	340
	10/30/18	1.8	<0.23	0.33 J	0.98 J	0.69 J	1583.36	6.94	2.13	375	314
	04/08/19	2.20	<0.35	0.50 J	0.17 J	0.51 J	1582.99	7.35	3.40	252	294
	10/28/19	0.81	<0.35	1.4	0.69	<0.20	1583.44	6.96	2.45	335	251
	05/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1583.40	6.88	2.32	349	234
	10/26/20	<0.41	<0.35	0.82 J	0.61	0.30 J	1583.33	7.57	2.57	315	323
	04/15/21	<0.41	<0.35	0.53 J	<0.16	<0.20	1583.18	7.64	2.87	310	264
	10/26/21	0.76 J	<0.35	0.61 J	0.81	1.9	1583.26	7.45	3.07	233	378
Top of Casing Elevation = 1591.60 ft MSL											
MW-18A (61')	05/25/16	0.91	<0.35	0.86	0.62	<0.20	1583.32	8.07	1.23	-319	321
	11/16/16	<0.41	<0.35	1.3	0.60	<0.20	1583.26	7.76	1.74	115	331
	04/27/17	<0.41	<0.35	1.1	0.84	<0.20	1583.52	8.22	2.12	229	338
	10/31/17	<0.41	<0.35	1.2	1.0	<0.20	1583.29	7.90	2.32	131	331
	04/26/18	0.60	<0.35	0.98	1.0	<0.20	1582.53	6.88	2.54	122	287
	10/30/18	<0.21	<0.23	<0.14	0.63 J	<0.18	1583.22	6.96	2.57	368	256
	04/08/19	<0.41	<0.35	0.75 J	0.85	<0.20	1582.76	7.09	2.40	224	257
	10/28/19	<0.41	<0.35	<0.37	0.80	<0.20	1583.31	6.98	2.48	306	247
	05/26/20	<0.41	<0.35	0.58 J	1.0	<0.20	1583.36	6.60	2.29	311	237
	10/26/20	<0.41	<0.35	0.59 J	0.94	<0.20	1583.26	7.52	1.94	213	231
	04/15/21	<0.41	<0.35	0.64 J	1.1	<0.20	1582.97	6.94	2.01	300	234
	10/26/21	<0.41	<0.35	0.58 J	0.88	<0.20	1583.21	7.46	2.02	174	234

TABLE 2
Groundwater Sample Analytical Results
Minocqua Cleaners, Minocqua, WI

Analyte	Sampling Date	Cis-1,2-Dichloroethylene	Trans-1,2-Dichloroethylene	Tetrachloro-ethene	Trichloro-ethene	Vinyl Chloride	GW Elevation	pH	DO	Redox	Conductivity
ES		70	100	5	5	0.2					
PAL		7	20	0.5	0.5	0.02					
Top of Casing Elevation = 1591.73 ft MSL											
MW-19 (17')	11/01/93	35	0.65	2.3	12	ND					
	01/01/94	75	ND	18	9	ND					
	07/01/94	360	1.5	53	110	ND					
	01/01/95	ND	ND	16	9.4	0.9					
	06/01/95	ND	ND	680	630	1.7					
	01/01/96	4.1	ND	11	170	ND					
	06/06/96	64	72	230	37	ND					
	01/01/97	73	ND	39	11	ND					
	10/01/97	150	5.5	54	50	ND					
	04/01/98	120	2.8	42	38	ND					
	11/01/98	200	5	45	83	ND					
	06/01/99	390	ND	280	210	ND					
	12/01/99	450	ND	52	120	ND					
	06/01/00	580	<7.4>	140	160	ND					
	01/01/01	<0.33>	ND	1.6	<0.35>	ND					
	12/01/01	0.91	ND	8.4	1.2	ND					
	06/01/02	93	ND	67	23	ND					
	12/01/02	55	ND	35	16	ND					
	11/01/03	14	ND	3.4	11	ND					
	12/07/04	68	0.64	71	20	<0.3	1582.89	8.85	1.89	-8	262.7
	03/23/05	250	3.6	250	92	<0.24	1581.85	8.84	1.95	27	461.8
	09/01/05	320	<12	41	95	<2.4	1582.20	6.47	1.91	307	185.3
	02/15/06	220	<12	45	66	<2.4	1581.85	7.26	1.38	159	190.3
	05/23/06	270	<4.0	45	55	<1.5	1582.43	7.12	1.27	154	171.1
	08/08/06	370	<4.0	34	79	2.9	1582.47	7.25	1.79	311	215
	11/29/06	400	6.7	23	110	8.1	1582.45	6.95	1.56		226
	02/26/07	130	3.9	6.3	46	3.9	1582.77	6.77	1.84	267	288
	05/23/07	170	4.2	21	51	3.5	1583.01	7.52	1.97		267
	08/22/07	70	2.6	6.6	26	3	1582.52	6.05	2.30	311	192
	11/29/07	65	2	7.3	17	1.7	1582.69	6.36	1.91	255	263
Qtr	07/29/08	56	1.8	5.6	13	1.6	1582.69	6.95	1.98	288	179
Pilot Study	09/11/08	40	<1.0	0.81	7.6	1.1	1582.40	6.93	1.85	145	366
Pilot Study	10/09/08	40	<1.0	<0.8	1.5	0.83	1582.57	6.92	2.14	112	995
Qtr	11/21/2008	33	<1.0	0.81	7	1.5	1582.34	7.30	1.50	114	634
Pilot Study	12/17/2008	13	<1.0	<0.80	0.64	<0.30	1582.28	7.27	1.82	98	607
Qtr	2/11/2009	23	<0.5	4.9	2.8	<0.15	1581.87	7.38	1.92	117	473
Qtr	5/21/2009	28	<0.5	4.5	4.7	0.9	1582.66	8.55	1.70	226	427
Pilot Study	8/5/2009	45	0.65	0.81	1.4	3.6	1582.27	5.99	2.16	190	391
Qtr	11/19/2009	35	0.69	3.1	3	8.9	1582.45	6.31	1.73	181	382
	02/25/10	32	0.68	1.3	2.3	11	1582.35	6.70	2.04	165	403
	05/11/10	51	1	4.7	4.9	14	1582.48	6.85	2.14	157	419
	10/25/10	61	0.88	0.67	2.7	19	1583.32	6.39	2.07	133	410
	04/26/11	74	0.97	5.8	24	12	1582.66	7.36	2.10	98	405
	10/28/11	110	1.2	<0.50	4.2	22	1582.92	7.24	1.54	142	451
	04/27/12	46	1.0	<0.17	1.2	110	1582.89	7.17	2.14	138	439
	01/08/14	120	1.4	<0.17	3.2	23	1583.10	6.82	2.15	138	391
	04/10/14	48	0.58	<0.17	2.0	13	1582.64	6.79	2.14		291
	10/28/14	290	3.5	<0.17	20	32	1583.51	6.14	1.16		335
	04/27/15	170	2.5	1.3	30	26	1582.89	6.69	2.25		443
	10/20/15	110	1.5	<0.37	4.6	24	1583.24	6.23	2.26	198	401
	05/25/16	10	<0.35	1.2	2.6	98	1583.40	6.51	2.28	252	282
	11/16/16	<0.42		1.2	45	31	1583.39	6.97	1.51	172	357
	04/27/17	17	<0.35	4.6	7.3	5.8	1583.62	7.20	2.32	200	289
	10/31/17	<0.42	4.5	3.6	72	53	1583.44	6.40	1.97	202	335
	04/26/18	72	<0.35	2.1	0.94	4.7	1582.76	6.83	2.25	124	277
	10/30/18	270	3.5	2.6	55	41	1583.39	6.95	2.56	261	354
	04/08/19	5.1	<0.35	2.4	<0.16	3.5	1583.00	7.11	2.21	242	258
dupl	10/28/19	57	0.67 J	1.3	15	20	1583.45	6.98	2.44	218	342
	05/26/20	190	1.8	3.8	36	26	1583.46	6.86	2.49	311	327
	10/26/20	140	1.2	<0.37	10	50	1583.37	7.78	2.52	189	351
	04/15/21	19	<0.35	12	11	7.5	1583.15	6.80	2.39	302	292
	10/26/21	140	1.3	<0.37	4.8	44	1583.30	7.55	3.23	231	332

TABLE 2
Groundwater Sample Analytical Results
Minocqua Cleaners, Minocqua, WI

Analyte	Sampling Date	Cis-1,2-Dichloroethylene	Trans-1,2-Dichloroethylene	Tetrachloro-ethene	Trichloro-ethene	Vinyl Chloride	GW Elevation	pH	DO	Redox	Conductivity
ES		70	100	5	5	0.2					
PAL		7	20	0.5	0.5	0.02					
		Top of Casing Elevation = 1592.04 ft MSL									
MW-19A	05/25/16	<0.41	<0.35	<0.37	<0.16	<0.20	1583.37	7.85	2.27	-221	237
	11/16/16	<0.41	<0.35	<0.37	<0.16	<0.20	1583.40	7.83	2.07	102	212
	04/27/17	<0.41	<0.35	<0.37	<0.16	<0.20	1583.60	8.36	2.01	97	206
	10/31/17	<0.41	<0.35	<0.37	<0.16	<0.20	1583.45	8.11	2.29	255	211
	04/26/18	<0.41	<0.35	<0.37	<0.16	<0.20	1582.43	6.88	2.21	86	201
	10/30/18	<0.21	<0.23	<0.14	<0.20	<0.18	1583.40	6.94	1.43	198	200
	04/08/19	<0.41	<0.35	<0.37	<0.16	<0.20	1582.70	7.02	2.65	209	193
	10/29/19	<0.41	<0.35	<0.37	<0.16	<0.20	1583.44	6.95	2.65	177	199
	05/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1583.50	6.63	1.81	204	194
	10/26/20	<0.41	<0.35	<0.37	<0.16	<0.20	1583.38	7.47	1.64	191	192
	04/15/21	<0.41	<0.35	<0.37	<0.16	<0.20	1583.08	6.85	2.10	310	204
	10/26/21	<0.41	<0.35	<0.37	<0.16	<0.20	1583.31	7.54	2.18	226	196
		Top of Casing Elevation = 1593.78 ft MSL									
MW-20 (16.5')	07/29/08	<0.4	<0.5	<0.4	<0.15	<0.15	1584.10	7.18	1.88	296	152
	9/11/2008	<0.4	<0.5	<0.4	<0.15	<0.15	1583.77	7.27	1.47	149	137
	10/9/2008	<0.4	<0.5	1.4	<0.15	<0.15	1583.90	7.48	1.48	111	139
	11/21/2008	<0.4	<0.5	<0.4	<0.15	<0.15	1583.65	8.26	0.99	297	134
	12/17/2008	No VOC sample					1583.58	7.81	1.17	85	136
	2/11/2009	<0.4	<0.5	<0.4	<0.15	<0.15	1583.17	7.58	1.36	322	135
	5/21/2009						1583.94	7.07	1.03	351	164
	8/5/2009						1583.64	6.74	2.04	374	154
	05/11/10	<0.25	<0.25	0.56	<0.21	<0.22	1583.76	7.51	1.84	132	144
	10/25/10	<0.5	<0.5	1.8	<0.2	<0.2	1584.60	6.83	2.18	216	197
	10/28/11	<0.50	<0.50	0.78	<0.20	<0.20	1584.20	6.82	1.74	225	139
	04/27/12	<0.12	<0.25	4.6	<0.19	<0.10	1584.16	6.89	2.02	221	142
	01/08/14	<0.12	<0.25	0.58	0.28	<0.10	1584.35	6.81	2.13	229	129
	04/27/15	<0.12	<0.25	<0.17	<0.19	<0.10	1584.10	6.61	2.22	221	141
	05/25/16	<0.41	<0.35	3.2	<0.16	<0.20	1584.52	7.14	2.25	362	211
	04/27/17	<0.41	<0.35	3.6	<0.16	<0.20	1584.74	7.35	2.38	282	197
	04/26/18	<0.41	<0.35	4.6	<0.16	<0.20	1583.82	6.85	2.55	225	159
	04/08/19	<0.41	<0.35	3.6	<0.16	<0.20	1584.04	7.07	2.81	228	192
	05/26/20	<0.41	<0.35	0.62 J	<0.16	<0.20	1584.67	7.08	2.24	307	126
	10/26/20	not sampled					1584.52				
	04/15/21	<0.41	<0.35	2.4	<0.16	<0.20	1584.26	7.34	2.43	346	149
	10/26/21	not sampled					1584.47				
		Top of Casing Elevation = 1591.51 ft MSL									
MW-21 (15')	07/29/08	77	10	23	6.8	0.49	1580.70	7.18	1.88	296	152
	9/11/2008	430	3.5	35	37	3	1580.61	6.83	2.33	220	212
Pilot Study	10/9/2008	490	<10	36	42	6.2	1580.90	6.81	2.42	242	226
Qtr	11/21/2008	450	<10	32	42	<3.0	1580.80	7.58	1.56	253	208
Pilot Study	12/17/2008	500	<10	36	58	<3.0	1580.57	7.68	2.02	234	205
Qtr	2/11/2009	98	1.1	21	12	<0.15	1580.44	7.63	2.03	301	212
Qtr	5/21/2009	50	<0.5	9.3	3.4	3	1581.40	7.39	2.01	325	240
Pilot Study	8/5/2009	91	1.1	18	5	1.6	1580.99	5.84	2.92	441	267
Qtr	11/19/2009	600	12	32	15	12	1581.34	6.27	1.94	388	225
	02/25/10	480	7.4	24	7.9	20	1581.35	7.15	2.61	173	224
	05/11/10	530	5.3	18	7.1	29	1581.50	7.29	2.29	276	221
	10/25/10	9.7	<0.5	10	0.54	0.89	1582.37	6.28	1.86	317	142
	04/26/11	73	1.2	41	5.3	22	1581.77	7.22	2.17	318	163
	10/28/11	75	1.1	14	1.3	28	1582.09	6.83	2.57	312	150
	04/27/12	23	<0.25	9.9	0.53	4.3	1582.22	6.91	2.23	315	152
	01/09/14	1.3	<0.25	19	0.75	<0.10	1582.83	7.05	2.21	319	192
	04/10/14	0.89	<0.25	35	1.1	<0.10	1582.99	6.77	2.24	432	203
	10/28/14	<0.12	<0.25	3.4	<0.19	<0.10	1583.56	6.17	0.89		203
	04/27/15	<0.12	<0.25	22	0.87	<0.10	1582.71	6.47	2.34		220
	10/20/15	4.6	<0.35	13	0.80	1.2	1582.97	6.05	2.51	405	125
	05/25/16	<0.41	<0.35	6.3	<0.16	<0.20	1584.42	6.37	2.20	443	92
	11/16/16	<0.41	<0.35	10	<0.16	<0.20	1583.02	7.75	1.71	379	112
	04/27/17	<0.41	<0.35	5.5	<0.16	<0.20	1584.19	6.91	2.13	421	124
	10/31/17	0.83	<0.35	4.4	<0.16	<0.20	1583.43	6.25	2.48	478	103
	04/26/18	1.8	<0.35	88	2.3	<0.20	1582.66	7.01	2.71	289	83
	10/30/18	<0.21	<0.23	5.4	<0.20	<0.18	1583.14	7.07	2.33	424	88
	04/08/19	<0.41	<0.35	7.5	0.19 J	<0.20	1583.13	7.55	3.79	351	175
	10/28/19	<0.41	<0.35	2.3	<0.16	<0.20	1583.48	7.23	2.47	332	91
	05/26/20	1.6	<0.35	10	0.19 J	<0.20	1583.24	7.10	2.53	375	97
	10/26/20	<0.41	<0.35	3.9	<0.16	<0.20	1583.53	7.57	2.35	347	79
	04/15/21	<0.41	<0.35	5.1	<0.16	<0.20	1583.53	7.10	2.79	407	127
	10/26/21	1.7	<0.35	4.1	<0.16	<0.20	1583.65	7.35	4.94	421	95

TABLE 2
Groundwater Sample Analytical Results
Minocqua Cleaners, Minocqua, WI

Analyte	Sampling Date	Cis-1,2-Dichloroethylene	Trans-1,2-Dichloroethylene	Tetrachloro-ethene	Trichloro-ethene	Vinyl Chloride	GW Elevation	pH	DO	Redox	Conductivity
ES		70	100	5	5	0.2					
PAL		7	20	0.5	0.5	0.02					
Top of Casing Elevation = 1592.66 ft MSL											
MW-21A (42')	07/29/08	4.6	<0.5	0.91	0.23	0.34	1582.73	7.89	1.59	25	209
	9/11/2008	8.5	<0.5	1.2	1.4	0.97	1579.13	7.92	1.12	243	208
Pilot Study	10/9/2008	14	<0.5	2	3.3	1.4	1579.24	7.98	2.04	226	215
Qtr	11/21/2008	4.6	<0.5	1.7	2.5	<0.15	1576.29	8.51	1.35	303	222
Pilot Study	12/17/2008	2.9	<0.50	1.5	2.1	<0.15	1579.44	8.49	1.30	2.08	213
Qtr	2/11/2009	16	<0.50	1.4	1.9	1.3	1579.08	7.67	2.13	213	220
Qtr	5/21/2009	9.2	<0.5	0.99	1.1	1	1579.75	7.65	2.02	188	217
Pilot Study	8/5/2009	31	0.6	1.1	1.8	5.5	1579.49	7.52	1.41	263	217
Qtr	11/19/2009	22	<0.5	1.7	5	3.1	1578.31	7.92	1.97	387	219
	02/25/10	5.2	<0.5	0.85	1.3	0.49	1578.81	7.93	2.35	137	215
	05/11/10	5.9	<0.25	0.7	0.91	0.74	1580.05	8.67	2.24	147	220
	10/25/10	14	<0.5	0.53	0.71	3.4	1581.00	7.77	2.02	249	2.38
	04/26/11	8.0	<0.50	2.9	3.3	1.4	1582.24	8.07	1.93	143	285
	10/28/11	5.8	<0.50	1.9	2.3	0.97	1579.50	6.80	1.81	198	283
	04/27/12	12	<0.25	2.3	2.8	1.8	1577.42	6.89	1.89	202	282
	01/09/14	3.4	<0.25	0.55	0.92	<0.10	1581.43	7.05	2.21	319	192
	04/10/14	2.3	<0.25	1.1	1.2	<0.10	1580.98	6.75	1.91		392
	10/28/14	5.8	<0.25	0.55	0.91	<0.10	1582.15	7.22	0.81		314
	04/27/15	8.0	<0.25	<0.17	1.7	1.5	1581.12	6.83	2.47		369
	10/20/15	18	<0.35	4.5	4.8	3.1	1581.93	7.29	1.17	331	348
	05/25/16	46	<0.35	2.2	6.9	4.0	1581.70	7.48	1.25	338	359
	11/16/16	31	0.52	1.4	2.8	3.2	1581.47	7.48	1.85	309	356
	04/27/17	37	<0.35	2.1	4.2	4.4	1579.55	8.18	2.36	327	353
	10/31/17	51	0.83	2.0	4.4	4.7	1580.34	7.57	1.94	405	381
	04/26/18	53	0.64	2.8	7.0	5.6	1581.19	6.94	2.30	271	365
	10/30/18	30	<0.23	0.58 J	3.5	1.9	1578.47	7.02	1.77	409	357
	04/08/19	32	0.54 J	0.82 J	2.3	3.0	1580.50	7.14	3.02	334	330
	10/28/19	42	<0.35	<0.37	3.1	5.2	1581.47	7.07	2.43	344	358
	05/26/20	39	0.67 J	1.1	2.6	9.7	1582.17	6.80	1.79	360	353
	10/26/20	41	0.70 J	1.4	3.8	3.9	1582.32	7.46	1.49	360	359
	04/15/21	50	0.98 J	1.0	3.3	7.7	1575.04	7.14	2.11	407	353
	10/26/21	73	1.2	0.90 J	3.5	2.5	1583.39	7.43	2.34	329	343
GW Outfall (Discharge)	Mar-96			3.6	5.2						
	Jun-96			4.6	4.9						
	Sep-96			5.6	nd						
	Dec-96			2.5	3.9						
	Mar-97			2.4	nd						
	Jul-97			2.6	4.3						
	Sep-97			3.6	nd						
	Dec-97			2.1	4.3						
	Mar-98			1.8	nd						
	Jun-98			1.6	2.7						
	Sep-98			1.2	nd						
	Dec-98			1.6	2.7						
	Mar-99			1.5	nd						
	Jun-99			1.3	2.4						
	Sep-99			1.4	nd						
	Dec-99			1	2.7						
	Apr-00			0.96	nd						
	Jun-00			1.1	3						
	Sep-00			2.5	nd						
	Dec-00			1.8	3.8						
	Mar-01			1.6	nd						
	Jun-01			3	4.4						
	Oct-01			1.2	nd						
	Dec-01			1.1	2.5						
	Mar-02			1.1	2.5						
	Jun-02			1	2.8						
	Sep-02			0.6	1.3						
	Dec-04			0.34	1.2						
	10/25/10	2.7	<0.5	1.1	1.4	<0.2					
	04/26/11	2.9	<0.50	1.8	2.0	<0.20	8.29	5.53	284	316	
	10/27/11	1.8	<0.50	0.95	1.1	<0.20	6.97	1.67	243	337	
	04/27/12	2.0	<0.25	0.61	0.69	<0.10	7.21	4.97	213	329	
	01/09/14	1.2	<0.25	0.53	0.93	<0.10	7.07	3.27	251	334	
	04/10/14	1.1	<0.25	<0.17	0.65	<0.10	6.70	4.77		258	
	10/28/14	1.2	<0.25	0.47	0.75	<0.10	7.12	1.47		220	
	04/27/15	1.7	<0.25	<0.17	0.96	<0.10	6.61	3.55		247	
	10/20/15	2.0	<0.35	<0.37	1.0	<0.20	7.77	4.81	253	355	
	05/25/16	<0.41	<0.35	<0.37	<0.16	<0.20	8.15	4.09	388	380	
	11/16/16	2.1	<0.35	0.60	0.92	<0.20	7.45	4.61	117	365	
	04/27/17	0.87	<0.35	<0.37	0.50	<0.20	8.31	4.06	117	288	
	10/31/17	1.8	<0.35	<0.37	1.1	<0.20	7.86	4.17	141	366	
	04/26/18	1.7	<0.35	<0.37	1.0	<0.20	6.78	4.63	91	364	
	10/30/18	1.4	<0.23	0.34 J	0.82 J	<0.18	6.97	4.15	280	365	
	04/08/19	1.6	<0.35	<0.37	0.77	<0.20	7.02	3.07	190	358	
	10/28/19	<0.41	<0.35	<0.37	0.75	<0.20	6.93	2.74	228	369	
	05/26/20	2.1	<0.35	<0.37	1.0	<0.20	6.95	3.61	276	370	
	10/26/20	1.1	<0.35	<0.37	0.59	<0.20	7.56	3.58	207	376	
	04/15/21	<0.41	<0.35	<0.37	0.93	<0.20	7.37	2.46	301	379	
	10/26/21	1.5	<0.35	<0.37	0.79	<0.20	7.56	2.39	242	388	

TABLE 2
Groundwater Sample Analytical Results
Minocqua Cleaners, Minocqua, WI

Analyte	Sampling Date	Cis-1,2-Dichloroethylene	Trans-1,2-Dichloroethylene	Tetrachloro-ethene	Trichloro-ethene	Vinyl Chloride	GW Elevation	pH	DO	Redox	Conductivity
ES		70	100	5	5	0.2					
PAL		7	20	0.5	0.5	0.02					
LSD	07/09/84		<1.0	<1.0	<1.0						
Well-3	08/07/84			62	4						
	08/21/84			12	<1.0						
	05/27/86		<1.0	<1.0	<1.0	<7.0					
	06/09/86		<1.0	<1.0	<1.0	<7.0					
	10/19/87		<0.1	<0.1	<0.1						
	06/25/90	<0.5	<0.5	<0.2	<0.2	<0.2					
	02/27/91	<0.5	<0.5	<0.5	<0.2	<0.2					
	06/28/91	<0.5	<0.5	<0.5	<0.2	<0.2					
	03/22/92	<0.5	<0.5	<0.5	<0.2	<0.2					
	06/10/92	<0.5	<0.5	<0.5	<0.2	<0.2					
	09/30/02	<0.5	<0.5	<0.5	<0.2	<0.2					
	11/10/93	<0.1	<0.1	<0.5	<0.5	<0.2					
	07/06/94	<0.1	<0.1	<0.2	<0.1	<0.2					
	08/15/95	0.5	<0.1	2.8	2.7	<0.2					
	03/25/96	0.87	<0.1	3.4	3.6	<0.2					
	06/01/96	0.67	ND	3.1	3.4	ND					
	06/07/96	0.67	<0.1	3.1	3.4	<0.2					
	08/27/96	0.5	<0.1	<0.2	2.2	<0.2					
	12/16/96	0.24	<0.1	0.9	1	<0.2					
	01/01/97	ND	ND	1.5	1.4	ND					
	03/03/97	0.16	<0.1	0.52	0.46	<0.2					
	06/02/97	0.11	<0.1	0.33	0.34	<0.2					
	09/12/97	<0.1	<0.1	0.17	0.16	<0.2					
	10/01/97	ND	ND	1.5	0.32	ND					
	12/11/97	<0.1	<0.1	0.13	0.16	<0.2					
	03/03/98	<0.1	<0.1	<0.2	<0.1	<0.2					
	06/25/98	<0.1	<0.1	<0.2	<0.1	<0.2					
	09/01/98	ND	ND	ND	ND	ND					
	09/22/98	<0.1	<0.1	<0.2	<0.1	<0.2					
	11/01/98	ND	ND	0.17	0.19	ND					
	12/14/98	<0.1	<0.1	<0.2	<0.1	<0.2					
	03/16/99	<0.1	<0.1	<0.2	<0.1	<0.2					
	06/01/99	ND	ND	ND	ND	ND					
	12/01/99	ND	ND	<0.26>	ND	ND					
	01/25/00	<0.1	<0.1	<0.2	<0.1	<0.2					
	06/01/00	ND	ND	ND	<0.17>	ND					
	01/01/01	ND	<0.41>	<0.43>	ND	ND					
	01/24/01	<0.1	<0.1	0.35	0.32	<0.2					
	12/01/01	ND	ND	<0.23>	<0.31>	ND					
	02/05/02	<0.1	<0.1	<0.2	0.18	<0.2					
	06/02/02	ND	ND	<0.23>	<0.38>	ND					
	12/02/02	<0.44>	ND	0.56	1.2	ND					
	03/11/03	<0.1	<0.1	<0.2	0.77	<0.2					
	07/30/03	0.75	<0.1	0.66	1.7	<0.2					
	11/01/03	[0.59]	ND	0.59	1.4	ND					
	11/26/03	0.55	<0.37	0.63	1.4	<0.12					
	03/01/04	0.78	<0.1	0.71	1.7	<0.2					
	04/26/04	0.73	<0.1	0.59	1.4	<0.2					
	08/24/04	0.47	<0.1	0.44	1	<0.2					
	11/03/04	0.95	<0.1	0.93	2	<0.2					
	12/06/04	0.61	<0.4	0.64	1	<0.3					
	02/14/05	1.7	<0.17	1.8	3.6	<0.17					
	03/09/05	1.3	<0.17	1.4	2.7	<0.15					
	03/23/05	1.2	<0.6	0.93	2.2	<0.12		8.52	3.41	291	308.3
	04/25/05	0.87	<0.17	0.85	1.7	<0.17					
	08/09/05	[0.57]	<0.58	[0.46]	1	<0.54					
	09/01/05	<0.60	<0.60	0.48	1.1	<0.12		7.35	2.22	234	278.7
	02/15/05	<0.6	<0.6	<0.4	<0.15	<0.12		7.77	2.49	156	284.8
	03/06/06	1.8	<0.17	1.1	2	0.17					
	04/17/06	0.64	<0.17	0.47	0.88	<0.17					
	05/23/06	0.51	<0.4	0.43	0.58	<0.15		8.06	2.29	158	296.1
	08/08/06	0.9	<0.40	1	1.4	<0.15		8.81	2.72	176	359
	11/29/06	<0.4	<0.4	<0.29	<0.15	<0.15		7.36	1.71		
	02/21/07	<0.26	<0.23	<0.19	<0.22	<0.12					
	02/26/07	<0.4	<0.4	<0.29	<0.15	<0.15		7.95	2.96	293	224
	05/22/07	<0.4	<0.5	<0.4	<0.15	<0.15		7.46	1.31		237
	08/22/07	<0.4	<0.5	<0.4	<0.15	<0.15		7.23	3.90	211	361
	11/29/07	<0.4	<0.5	<0.4	<0.15	<0.15		7.73	2.22	319	386
	07/29/08	<0.4	<0.5	<0.4	<0.15	<0.15		7.83	3.08	209	397
	11/20/08	<0.4	<0.5	<0.4	<0.15	<0.15		8.54	1.74	334	413
	02/11/09	<0.4	<0.5	<0.4	<0.15	<0.15					
	05/21/09	<0.4	<0.5	<0.4	<0.15	<0.15		6.64	2.79	353	382
	08/05/09	<0.4	<0.5	<0.4	<0.15	<0.15		7.27	2.56	229	384
	11/19/09	<0.4	<0.5	<0.4	<0.15	<0.15		7.52	2.52	209	389
	02/25/10	<0.4	<0.5	<0.4	<0.15	<0.15		7.55	2.19	169	406
	05/12/10	<0.25	<0.25	<0.3	<0.21	<0.22		805.00	1.47	244	386
	10/25/10	<0.5	<0.5	<0.5	<0.2	<0.2		7.75	2.17	142	425

continued on next page

TABLE 2
Groundwater Sample Analytical Results
Minocqua Cleaners, Minocqua, WI

Analyte	Sampling Date	Cis-1,2-Dichloroethylene	Trans-1,2-Dichloroethylene	Tetrachloro-ethene	Trichloro-ethene	Vinyl Chloride	GW Elevation	pH	DO	Redox	Conductivity
ES		70	100	5	5	0.2					
PAL		7	20	0.5	0.5	0.02					
Well-3 (cont.)		continued from previous page									
	04/26/11	<0.5	<0.5	<0.5	<0.20	<0.20		8.17	2.95	117	379
	10/28/11	<0.50	<0.50	<0.50	<0.20	<0.20		6.89	2.14	183	447
	04/27/12	<0.12	<0.25	<0.17	<0.19	<0.10		7.18	2.42	158	429
	01/09/14	<0.12	<0.25	<0.17	<0.19	<0.10		7.16	2.41	178	396
	04/10/14	<0.12	<0.25	<0.17	<0.19	<0.10		7.06	2.46		389
	10/28/14	<0.12	<0.25	<0.17	<0.19	<0.10		7.47	1.52		321
	04/28/15	<0.12	<0.25	<0.17	<0.19	<0.10		6.84	2.46		359
	10/20/15	<0.41	<0.35	<0.37	<0.16	<0.20		7.80	2.07	165	424
	05/25/16	<0.41	<0.35	<0.37	<0.16	<0.20		7.97	2.32	280	432
	11/17/16	<0.41	<0.35	<0.37	<0.16	<0.20		7.83	2.53	310	427
	04/28/17	<0.41	<0.35	<0.37	<0.16	<0.20		8.24	4.41	388	423
	10/31/17	<0.41	<0.35	<0.37	<0.16	<0.20		8.04	2.32	366	438
	04/27/18	<0.41	<0.35	<0.37	<0.16	<0.20		6.95	3.36	281	440
	10/30/18	<0.21	<0.23	<0.14	<0.20	<0.18		6.94	4.43	423	446
	04/09/19	<0.41	<0.35	<0.37	<0.16	<0.20		6.86	4.68	406	465
	10/28/19	<0.41	<0.35	<0.37	<0.16	<0.20		7.08	2.71	317	450
	05/26/20	Not sampled, well abandoned in January 2020									

Notes: Concentrations are in ug/L
MSL - mean sea level