APPENDIX G

MONITORING WELL SAMPLING SUMMARY

APPENDIX G.1

MONITORING WELL SAMPLING SUMMARY
NOVEMBER 2006
HIGHWAY 96 SITE
WHITEBEAR TOWNSHIP, MINNESOTA

Well Location	*Sample Number*	*Sample Date*	*Sample Purge Rate (ml/min)*	*Time*	*Temperature (C)*	*pH*	*Specific Conductivity (uS)*	*Dissolved Oxygen (mg/L)*	*Eh (mV)*	*Water Level (ft BTOC)*	*Turbidity (NTU)*	*Observations*
EW-3	W-061122-RA-13	11/22/2006	GRAB	8:45	9.5	6.22	169	0.43	NM	NM	NM	Clear
MW-18A	W-061127-SI-14	11/27/2006	250	12:45	9.4	6.46	476	1.93	-68	37.72	408	Cloudy
			250	12:50	10.4	6.59	450	0.45	-98	37.65	84.4	Sl. Cloudy
			250	12:55	10.1	6.69	445	0.37	-121	38.01	60.1	Sl. Cloudy
			250	13:00	9.9	6.71	439	0.34	-126	37.85	44.2	Sl. Cloudy
			250	13:05	10.0	6.71	435	0.29	-126	37.82	31.4	Sl. Cloudy
			250	13:10	10.0	6.76	429	0.22	-125	37.77	24.1	Sl. Cloudy
			250	13:15	9.9	6.77	429	0.22	-125	37.79	20.3	Clear
			250	13:20	9.9	6.78	424	0.20	-125	37.79	15.2	Clear
			250	13:25	9.9	6.80	424	0.16	-124	37.79	12.5	Clear
			250	13:30	10.0	6.80	421	0.19	-125	37.81	11.6	Clear
MW-18B	W-061127-SI-15 (RB)	11/27/2006	250	16:10	9.0	8.66	370	1.23	-133	40.86	182	Cloudy
	W-061127-SI-16		250	16:15	9.0	8.61	367	0.56	-155	40.86	196	Cloudy
	W-061127-SI-17 (DUP)		250	16:20	9.1	8.64	370	0.53	-169	40.75	161	Sl. Cloudy
			250	16:25	9.0	8.62	370	0.41	-178	40.74	112	Sl. Cloudy
			250	16:30	9.0	8.61	366	0.27	-181	40.82	73.2	Sl. Cloudy
			250	16:35	9.1	8.58	364	0.21	-184	40.88	43.8	Sl. Cloudy
			250	16:40	9.1	8.60	363	0.29	-186	40.76	32.1	Clear
			250	16:45	9.1	8.61	360	0.25	-189	40.72	22.2	Clear
			250	16:50	9.0	8.62	360	0.25	-188	40.76	17.5	Clear
			250	16:55	9.0	8.63	360	0.23	-188	40.74	19.6	Clear
MW-18L	W-061128-SI-18	11/28/2006	125	12:00	10.7	7.71	449	1.81	41	46.55	75.9	Sl. Cloudy
			125	12:05	10.7	7.69	452	1.50	14	46.55	75.9	Sl. Cloudy
			125	12:10	10.6	7.69	451	1.65	-11	46.55	74.8	Sl. Cloudy
			125	12:20	10.5	7.70	453	1.44	-24	46.52	83.9	Sl. Cloudy
			125	12:40	10.3	7.71	455	1.32	-46	46.50	68.1	Sl. Cloudy
			125	12:45	10.3	7.70	453	1.38	-49	46.50	57.6	Clear
			125	12:50	10.4	7.70	457	1.40	-52	46.50	43.5	Clear
			125	12:55	10.5	7.70	457	1.36	-55	46.50	42.4	Clear
			125	13:00	10.4	7.70	457	1.38	-54	46.50	39.8	Clear

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MONITORING WELL SAMPLING SUMMARY
NOVEMBER 2006
HIGHWAY 96 SITE
WHITEBEAR TOWNSHIP, MINNESOTA

Well Location	*Sample Number*	*Sample Date*	*Sample Purge Rate (ml/min)*	*Time*	*Temperature (C)*	*pH*	*Specific Conductivity (uS)*	*Dissolved Oxygen (mg/L)*	*Eh (mV)*	*Water Level (ft BTOC)*	*Turbidity (NTU)*	*Observations*
MW-20B	W-061128-SI-19	11/28/2006	250	16:30	9.9	8.20	404	0.86	-156	35.80	26.3	Clear
			250	16:35	9.9	8.19	403	0.47	-178	35.65	21.6	Clear
			250	16:40	9.9	8.14	404	0.45	-171	35.62	18.0	Clear
			250	16:45	9.9	8.11	404	0.42	-172	35.62	20.1	Clear

Note:
ft BTOC - Feet below top of casing
NM - Not measured.

APPENDIX G.2

MONITORING WELL SAMPLING SUMMARY
JANUARY 2007
HIGHWAY 96 SITE
WHITEBEAR TOWNSHIP, MINNESOTA

Well Location	*Sample Number*	*Sample Date*	*Sample Purge Rate (ml/min)*	*Time*	*Temperature (C)*	*pH*	*Specific Conductivity (uS)*	*Dissolved Oxygen (mg/L)*	*Eh (mV)*	*Water Level (ft BTOC)*	*Turbidity (NTU)*	*Observations*
MW-18A	W-070104-RC-04	1/4/2007	250	14:00	9.6	7.09	531	0.88	-96	37.50	262	Cloudy
	W-070104-RC-05 (DUP)		250	14:05	8.9	7.11	520	0.75	-97	37.54	58.5	Sl. Cloudy
			250	14:15	10.3	7.06	524	0.37	-99.0	37.56	13	Sl. Cloudy
			250	14:20	10.3	7.04	524	0.35	-97.0	37.52	9.19	Clear
			250	14:25	10.4	7.03	523	0.28	-94	37.53	7.8	Clear
MW-18B	W-070104-RC-06	1/4/2007	500	15:05	8.2	10.28	228	0.79	-169	42.60	275	Cloudy
			500	15:10	9.0	10.04	236	0.41	-165	42.60	212	Cloudy
			500	15:15	9.0	9.59	272	0.19	-155	42.60	120	Sl. Cloudy
			500	15:20	9.5	9.06	330	0.16	-148	42.60	62.5	Sl. Cloudy
			500	15:25	9.6	8.85	349	0.13	-143	42.60	37.3	Clear
			500	15:30	9.7	8.76	357	0.11	-142	42.60	24.7	Clear
			500	15:35	9.8	8.69	366	0.11	-142	42.60	13.2	Clear
MW-18L	W-070105-RC-07	1/5/2007	100	13:30	9.0	7.55	410	3.40	36	46.48	41.5	Clear
			100	13:35	8.9	7.55	415	2.91	-7	46.48	32.5	Clear
			100	13:40	8.9	7.55	423	1.80	-28	46.48	33.8	Clear
			200	13:45	9.0	7.55	426	1.30	-41	46.48	34.1	Clear
			200	13:50	9.1	7.56	428	0.92	-55	46.48	30.5	Clear
			200	13:55	9.2	7.56	428	0.79	-62	46.48	27.8	Clear
			200	14:00	9.2	7.57	428	0.74	-67	46.48	24.7	Clear
MW-20B	W-070104-RC-01 (MS/MSD)	1/4/2007	250	10:45	8.4	7.83	393	1.03	-71	35.78	40.3	Cloudy
			250	10:50	8.4	7.73	402	0.75	-93	35.76	23.3	NR
			250	10:55	8.5	7.69	403	0.66	-99	35.76	17.4	NR
			250	11:00	8.4	7.64	417	0.67	-105	35.76	13.2	NR
			250	11:05	8.0	7.60	422	0.66	-109	35.76	11.7	NR

Note:
ft BTOC - Feet below top of casing
NR - Not recorded.