

E

APPENDIX E

Aquatic Plant Survey Data

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE/ROPE	COMMENTS	NOTES	NUSJANCE	Total Raize Fullness	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Heteranthera dubia	Megalodonta beckii	Myriophyllum sibiricum	Najas flexilis	Niletila sp.	Nuphar variegata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton friesii	Potamogeton pusillus	Potamogeton robbinsii	Potamogeton spirillus	Potamogeton zosteriformis	Sparganium fluctans	Utricularia vulgaris	Vallisneria americana	Zizania palustris	Aquatic moss	Freshwater sponge	Filamentous algae	Najas guadalupensis			
1	46.144650	-89.886164	4	Sand	Pole			3						1						1			2													
2	46.150589	-89.885440	0			NONNAVIGABLE (PLANTS)																														
3	46.145639	-89.885450	1	Sand	Pole			0																												
4	46.145144	-89.885451	4	Sand	Pole			1		1						1																				
5	46.144649	-89.885452	5	Sand	Pole			1		1																										
6	46.144154	-89.885453	3	Sand	Pole			1								1																				
7	46.151084	-89.884726	0			NONNAVIGABLE (PLANTS)																														
8	46.150589	-89.884727	0			NONNAVIGABLE (PLANTS)																														
9	46.150094	-89.884728	0			NONNAVIGABLE (PLANTS)																														
10	46.146134	-89.884737	11	Sand	Pole			0																												
11	46.145639	-89.884738	15		Rope			0																												
12	46.145144	-89.884739	23		Rope			0																												
13	46.144649	-89.884740	13		Rope			0																												
14	46.144154	-89.884741	11	Sand	Pole			0																												
15	46.143659	-89.884742	9	Sand	Pole			1											1																	
16	46.143164	-89.884743	3	Sand	Pole			0																												
17	46.151578	-89.884013	0			NONNAVIGABLE (PLANTS)																														
18	46.151083	-89.884014	0			NONNAVIGABLE (PLANTS)																														
19	46.150588	-89.884015	0			NONNAVIGABLE (PLANTS)																														
20	46.147123	-89.884022	5	Sand	Pole			0																												
21	46.146628	-89.884024	11	Sand	Pole			0																												
22	46.146133	-89.884025	15		Rope			0																												
23	46.145638	-89.884026	27		Rope			0																												
24	46.145143	-89.884027	0			DEEP																														
25	46.144648	-89.884028	0			DEEP																														
26	46.144153	-89.884029	13		Rope			0																												
27	46.143658	-89.884030	13	Sand	Pole			0																												
28	46.143163	-89.884031	11	Sand	Pole			0																												
29	46.142668	-89.884032	1	Sand	Pole			1								1																				
30	46.139203	-89.884039	5	Sand	Pole			0																												
31	46.138708	-89.884040	12	Sand	Pole			0																												
32	46.138213	-89.884041	0			DEEP																														
33	46.137718	-89.884042	12	Rock	Pole			0																												
34	46.151577	-89.883301	0			NONNAVIGABLE (PLANTS)																														
35	46.151082	-89.883302	0			NONNAVIGABLE (PLANTS)																														
36	46.150587	-89.883303	0			NONNAVIGABLE (PLANTS)																														
37	46.147617	-89.883309	11	Sand	Pole			0																												
38	46.147122	-89.883310	20		Rope			0																												
39	46.146627	-89.883311	21		Rope			0																												
40	46.146132	-89.883312	10	Rock	14			0																												
41	46.145637	-89.883313	0			DEEP																														
42	46.145142	-89.883314	0			DEEP																														
43	46.144647	-89.883316	0			DEEP																														
44	46.144152	-89.883317	0			DEEP																														
45	46.143657	-89.883318	0			DEEP																														
46	46.143162	-89.883319	16		Rope			0																												
47	46.142667	-89.883320	11	Sand	Pole			0																												
48	46.140192	-89.883325	3	Sand	Pole			0																												
49	46.139697	-89.883326	11	Sand	Pole			0																												
50	46.139202	-89.883327	0			DEEP																														
51	46.138707	-89.883328	0			DEEP																														
52	46.138212	-89.883329	0			DEEP																														
53	46.137717	-89.883330	14		Rope			0																												
54	46.151081	-89.882590	5	Muck	Pole			2				1			2								1													

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE/ROPE	COMMENTS	NOTES	NUSJANCE	Total Raize Fullness	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Heteranthera dubia	Megalodonta beckii	Myriophyllum sibiricum	Najas flexilis	Nitella sp.	Nuphar variegata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton friesii	Potamogeton pusillus	Potamogeton robbinsii	Potamogeton spirillus	Potamogeton zosteriformis	Sparganium fluctuans	Utricularia vulgaris	Vallisneria spiralis	Zizania palustris	Aquatic moss	Freshwater sponge	Filamentous algae	Najas guadalupensis			
55	46.150586	-89.882591	6	Muck	Pole				1	1		1			1																					
56	46.150091	-89.882592	3	Muck	Pole				3					1	1			1				1														
57	46.148606	-89.882595	1	Sand	Pole				0																											
58	46.148111	-89.882596	7	Sand	Pole				0																											
59	46.147616	-89.882597	13	Sand	Pole				0																											
60	46.147121	-89.882598	20		Rope				0																											
61	46.146626	-89.882599	29			DEEP																														
62	46.146131	-89.882600	32			DEEP																														
63	46.145636	-89.882601	0			DEEP																														
64	46.145141	-89.882602	0			DEEP																														
65	46.144646	-89.882603	0			DEEP																														
66	46.144151	-89.882604	0			DEEP																														
67	46.143656	-89.882605	0			DEEP																														
68	46.143161	-89.882607	0			DEEP																														
69	46.142666	-89.882608	13	Sand	Pole				0																											
70	46.140686	-89.882612	4	Sand	Pole				1							1																				
71	46.140191	-89.882613	13	Sand	Pole				0																											
72	46.139696	-89.882614	0			DEEP																														
73	46.139201	-89.882615	0			DEEP																														
74	46.138706	-89.882616	0			DEEP																														
75	46.138211	-89.882617	0			DEEP																														
76	46.137716	-89.882618	7	Sand	Pole				0																											
77	46.151081	-89.881877	5	Muck	Pole				0																											
78	46.150586	-89.881879	6	Sand	Pole				0																											
79	46.150091	-89.881880	6	Sand	Pole				0																											
80	46.149596	-89.881881	8	Muck	Pole				0																											
81	46.149101	-89.881882	9	Muck	Pole				0																											
82	46.148606	-89.881883	9	Muck	Pole				0																											
83	46.148111	-89.881884	9	Sand	Pole				0																											
84	46.147616	-89.881885	11	Sand	Pole				0																											
85	46.147121	-89.881886	14	Sand	Pole				0																											
86	46.146626	-89.881887	0			DEEP																														
87	46.146131	-89.881888	0			DEEP																														
88	46.145636	-89.881889	0			DEEP																														
89	46.145141	-89.881890	0			DEEP																														
90	46.144646	-89.881891	0			DEEP																														
91	46.144151	-89.881892	0			DEEP																														
92	46.143656	-89.881893	0			DEEP																														
93	46.143161	-89.881894	0			DEEP																														
94	46.142666	-89.881895	21		Rope				0																											
95	46.142171	-89.881897	3	Sand	Pole				0																											
96	46.140686	-89.881900	11	Sand	Pole				0																											
97	46.140191	-89.881901	0			DEEP																														
98	46.139696	-89.881902	0			DEEP																														
99	46.139201	-89.881903	0			DEEP																														
100	46.138706	-89.881904	0			DEEP																														
101	46.138211	-89.881905	0			DEEP																														
102	46.151575	-89.881164	2	Rock	Pole				0																											
103	46.151080	-89.881165	5	Sand	Pole				0																											
104	46.150585	-89.881166	8	Sand	Pole				0																											
105	46.150090	-89.881167	9	Muck	Pole				0																											
106	46.149595	-89.881168	9	Muck	Pole				0																											
107	46.149100	-89.881169	12	Muck	Pole				0																											
108	46.148605	-89.881171	9	Muck	Pole				0																											

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE_ROPE	COMMENTS	NOTES	NUSJANCE	Total Rate Fullness	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Heteranthera dubia	Megalodonta beckii	Myriophyllum sibiricum	Najas flexilis	Nitella sp.	Nuphar variegata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton friesii	Potamogeton pusillus	Potamogeton robbinsii	Potamogeton spirillus	Potamogeton zosteriformis	Sparganium fluctans	Utricularia vulgaris	Vallisneria spiralis	Zizania palustris	Aquatic moss	Freshwater sponge	Filamentous algae	Najas guadalupensis			
109	46.148110	-89.881172	8	Sand	Pole			0																												
110	46.147615	-89.881173	9	Sand	Pole			0																												
111	46.147120	-89.881174	11	Sand	Pole			0																												
112	46.146625	-89.881175	0			DEEP																														
113	46.146130	-89.881176	0			DEEP																														
114	46.145635	-89.881177	0			DEEP																														
115	46.145140	-89.881178	0			DEEP																														
116	46.144645	-89.881179	0			DEEP																														
117	46.144150	-89.881180	0			DEEP																														
118	46.143655	-89.881181	0			DEEP																														
119	46.143160	-89.881182	0			DEEP																														
120	46.142665	-89.881183	0			DEEP																														
121	46.142170	-89.881184	11	Sand	Pole			0																												
122	46.141180	-89.881187	6	Rock	Pole			0																												
123	46.140685	-89.881188	11	Sand	Pole			0																												
124	46.140190	-89.881189	0			DEEP																														
125	46.139695	-89.881190	0			DEEP																														
126	46.139200	-89.881191	0			DEEP																														
127	46.138705	-89.881192	0			DEEP																														
128	46.138210	-89.881193	0			DEEP																														
129	46.151574	-89.880452	5	Sand	Pole			0																												
130	46.151079	-89.880453	9	Muck	Pole			0																												
131	46.150584	-89.880454	9	Muck	Pole			0																												
132	46.150089	-89.880455	12	Muck	Pole			0																												
133	46.149594	-89.880456	12	Muck	Pole			0																												
134	46.149099	-89.880457	13	Muck	Pole			0																												
135	46.148604	-89.880458	13	Muck	Pole			0																												
136	46.148109	-89.880459	10	Sand	Pole			0																												
137	46.147614	-89.880460	11	Sand	Pole			0																												
138	46.147119	-89.880462	11	Sand	Pole			0																												
139	46.146624	-89.880463	0			DEEP																														
140	46.146129	-89.880464	0			DEEP																														
141	46.145634	-89.880465	0			DEEP																														
142	46.145139	-89.880466	0			DEEP																														
143	46.144644	-89.880467	0			DEEP																														
144	46.144149	-89.880468	0			DEEP																														
145	46.143654	-89.880469	0			DEEP																														
146	46.143159	-89.880470	0			DEEP																														
147	46.142664	-89.880471	0			DEEP																														
148	46.142169	-89.880472	11	Sand	Pole			0																												
149	46.141674	-89.880473	7	Sand	Pole			1	1						1				1																	
150	46.141179	-89.880474	9	Sand	Pole			2						2																						
151	46.140684	-89.880475	12	Sand	Pole			0																												
152	46.140189	-89.880477	0			DEEP																														
153	46.139694	-89.880478	0			DEEP																														
154	46.139199	-89.880479	0			DEEP																														
155	46.138704	-89.880480	0			DEEP																														
156	46.138209	-89.880481	0			DEEP																														
157	46.137714	-89.880482	0			DEEP																														
158	46.137219	-89.880483	0			DEEP																														
159	46.136724	-89.880484	1	Rock	Pole			0																												
160	46.152068	-89.879739	7	Muck	Pole			0																												
161	46.151573	-89.879740	8	Muck	Pole			1				1																								
162	46.151078	-89.879741	10	Muck	Pole			0																												

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE/ROPE	COMMENTS	NOTES	NUSIANCE	Total Rake Fullness	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Heteranthera dubia	Megalodonta beckii	Myriophyllum sibiricum	Najas flexilis	Nitella sp.	Nuphar variegata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton friesii	Potamogeton pusillus	Potamogeton robbinsii	Potamogeton spirillus	Potamogeton zosteriformis	Sparganium fluctans	Utricularia vulgaris	Vallisneria spiralis	Zizania palustris	Aquatic moss	Freshwater sponge	Filamentous algae	Najas guadalupensis		
163	46.150583	-89.879742	13	Muck	Pole			0																											
164	46.150088	-89.879743	13	Muck	Pole			0																											
165	46.149593	-89.879744	13	Muck	Pole			0																											
166	46.149098	-89.879745	13	Muck	Pole			1				1					1																		
167	46.148603	-89.879746	13	Muck	Pole			0																											
168	46.148108	-89.879747	10	Sand	Pole			0																											
169	46.147613	-89.879748	11	Sand	Pole			1				1																							
170	46.147118	-89.879749	12	Sand	Pole			0																											
171	46.146623	-89.879750	0			DEEP																													
172	46.146128	-89.879752	0			DEEP																													
173	46.145633	-89.879753	0			DEEP																													
174	46.145138	-89.879754	0			DEEP																													
175	46.144643	-89.879755	0			DEEP																													
176	46.144148	-89.879756	0			DEEP																													
177	46.143653	-89.879757	0			DEEP																													
178	46.143158	-89.879758	0			DEEP																													
179	46.142663	-89.879759	0			DEEP																													
180	46.142168	-89.879760	13		Rope			0																											
181	46.141673	-89.879761	7	Sand	Pole			1							1										1										
182	46.141178	-89.879762	11	Sand	Pole			0																											
183	46.140683	-89.879763	13	Sand	Pole			0																										1	
184	46.140188	-89.879764	0			DEEP																													
185	46.139693	-89.879766	0			DEEP																													
186	46.139198	-89.879767	0			DEEP																													
187	46.138703	-89.879768	0			DEEP																													
188	46.138208	-89.879769	0			DEEP																													
189	46.137713	-89.879770	0			DEEP																													
190	46.137218	-89.879771	0			DEEP																													
191	46.136723	-89.879772	0			DEEP																													
192	46.135733	-89.879774	3	Rock	Pole			0																											
193	46.135238	-89.879775	4	Sand	Pole			0																											
194	46.152563	-89.879025	5	Sand	Pole			1	1																		1								
195	46.152068	-89.879026	7	Muck	Pole			2	2			1		1																					
196	46.151573	-89.879027	8	Muck	Pole			0																											
197	46.151078	-89.879029	9	Muck	Pole			0																											
198	46.150583	-89.879030	10	Muck	Pole			0																											
199	46.150088	-89.879031	12	Muck	Pole			0																											
200	46.149593	-89.879032	12	Muck	Pole			0																											
201	46.149098	-89.879033	12	Muck	Pole			0																											
202	46.148603	-89.879034	14	Muck	Pole			0																											
203	46.148108	-89.879035	12	Sand	Pole			0																											
204	46.147613	-89.879036	12	Sand	Pole			0																											
205	46.147118	-89.879037	16		Rope			0																											
206	46.146623	-89.879038	0			DEEP																													
207	46.146128	-89.879039	0			DEEP																													
208	46.145633	-89.879040	0			DEEP																													
209	46.145138	-89.879042	0			DEEP																													
210	46.144643	-89.879043	0			DEEP																													
211	46.144148	-89.879044	0			DEEP																													
212	46.143653	-89.879045	0			DEEP																													
213	46.143158	-89.879046	0			DEEP																													
214	46.142663	-89.879047	0			DEEP																													
215	46.142168	-89.879048	0			DEEP																													
216	46.141673	-89.879049	11	Sand	Pole			0																											

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE_ROPE	COMMENTS	NOTES	NUSIANCE	Total Rake Fullness	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Heteranthera dubia	Megalodonta beckii	Myriophyllum sibiricum	Najas flexilis	Nitella sp.	Nuphar variegata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton friesii	Potamogeton pusillus	Potamogeton robbinsii	Potamogeton spirillus	Potamogeton zosteriformis	Spartanium fluctuans	Utricularia vulgaris	Vallisneria spiralis	Zizania palustris	Aquatic moss	Freshwater sponge	Filamentous algae	Najas guadalupensis		
217	46.141178	-89.879050	18		Rope			0																											
218	46.140683	-89.879051	0			DEEP																													
219	46.140188	-89.879052	22		Rope			0																											
220	46.139693	-89.879053	0			DEEP																													
221	46.139198	-89.879055	0			DEEP																													
222	46.138703	-89.879056	0			DEEP																													
223	46.138208	-89.879057	0			DEEP																													
224	46.137713	-89.879058	0			DEEP																													
225	46.137218	-89.879059	0			DEEP																													
226	46.136723	-89.879060	0			DEEP																													
227	46.136228	-89.879061	0			DEEP																													
228	46.135733	-89.879062	0			DEEP																													
229	46.135238	-89.879063	0			DEEP																													
230	46.134743	-89.879064	11	Sand	Pole			0																											
231	46.152562	-89.878313	6	Muck	Pole			2	1		1		1									1													
232	46.152067	-89.878314	7	Muck	Pole			3	1																										
233	46.151572	-89.878315	8	Muck	Pole			0																											
234	46.151077	-89.878316	10	Muck	Pole			0																											
235	46.150582	-89.878317	10	Muck	Pole			0																											
236	46.150087	-89.878318	11	Muck	Pole			0																											
237	46.149592	-89.878320	11	Muck	Pole			0																											
238	46.149097	-89.878321	10	Sand	Pole			0																											
239	46.148602	-89.878322	9	Sand	Pole			0																											
240	46.148107	-89.878323	11	Sand	Pole			0																											
241	46.147612	-89.878324	15		Rope			0																											
242	46.147117	-89.878325	32			DEEP																													
243	46.146622	-89.878326	0			DEEP																													
244	46.146127	-89.878327	0			DEEP																													
245	46.145632	-89.878328	0			DEEP																													
246	46.145137	-89.878329	0			DEEP																													
247	46.144642	-89.878330	0			DEEP																													
248	46.144147	-89.878332	0			DEEP																													
249	46.143652	-89.878333	0			DEEP																													
250	46.143157	-89.878334	0			DEEP																													
251	46.142662	-89.878335	0			DEEP																													
252	46.142167	-89.878336	0			DEEP																													
253	46.141672	-89.878337	0			DEEP																													
254	46.141177	-89.878338	0			DEEP																													
255	46.140682	-89.878339	0			DEEP																													
256	46.140187	-89.878340	0			DEEP																													
257	46.139692	-89.878341	0			DEEP																													
258	46.139197	-89.878342	0					0																											
259	46.138702	-89.878344	0			DEEP																													
260	46.138207	-89.878345	0			DEEP																													
261	46.137712	-89.878346	0			DEEP																													
262	46.137217	-89.878347	0			DEEP																													
263	46.136722	-89.878348	0			DEEP																													
264	46.136227	-89.878349	0			DEEP																													
265	46.135732	-89.878350	0			DEEP																													
266	46.135237	-89.878351	0			DEEP																													
267	46.134742	-89.878352	14		Rope			0																											
268	46.134247	-89.878353	2	Sand	Pole			0																											
269	46.152561	-89.877601	6	Muck	Pole			2															2												
270	46.152066	-89.877602	8	Muck	Pole			3	1					2												2									

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE/ROPE	COMMENTS	NOTES	NUSIANCE	Total Rake Fullness	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Heteranthera dubia	Megalodonta beckii	Myriophyllum sibiricum	Najas flexilis	Nitella sp.	Nuphar variegata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton friesii	Potamogeton pusillus	Potamogeton robbinsii	Potamogeton spirillus	Potamogeton zosteriformis	Sparganium fluctans	Utricularia vulgaris	Vallisneria spiralis	Zizania palustris	Aquatic moss	Freshwater sponge	Filamentous algae	Najas guadalupensis	
271	46.151571	-89.877603	9	Muck	Pole			1				1																						
272	46.151076	-89.877604	11	Muck	Pole			0																										
273	46.150581	-89.877605	10	Muck	Pole			0																										
274	46.150086	-89.877606	10	Muck	Pole			0																										
275	46.149591	-89.877607	12	Muck	Pole			0																										
276	46.149096	-89.877608	10	Sand	Pole			0																										
277	46.148601	-89.877610	7	Sand	Pole			0																										
278	46.148106	-89.877611	12	Sand	Pole			1				1																						
279	46.147611	-89.877612	15		Rope			0																										
280	46.147116	-89.877613	0			DEEP																												
281	46.146621	-89.877614	0			DEEP																												
282	46.146126	-89.877615	0			DEEP																												
283	46.145631	-89.877616	0			DEEP																												
284	46.145136	-89.877617	0			DEEP																												
285	46.144641	-89.877618	0			DEEP																												
286	46.144146	-89.877619	0			DEEP																												
287	46.143651	-89.877620	0			DEEP																												
288	46.143156	-89.877622	0			DEEP																												
289	46.142661	-89.877623	0			DEEP																												
290	46.142166	-89.877624	0			DEEP																												
291	46.141671	-89.877625	0			DEEP																												
292	46.141176	-89.877626	0			DEEP																												
293	46.140681	-89.877627	0			DEEP																												
294	46.140186	-89.877628	0			DEEP																												
295	46.139691	-89.877629	0			DEEP																												
296	46.139196	-89.877630	14		Rope			0																									1	
297	46.138701	-89.877631	11	Sand	Pole			0																										
298	46.138206	-89.877633	0			DEEP																												
299	46.137711	-89.877634	0			DEEP																												
300	46.137216	-89.877635	0			DEEP																												
301	46.136721	-89.877636	0			DEEP																												
302	46.136226	-89.877637	0			DEEP																												
303	46.135731	-89.877638	0			DEEP																												
304	46.135236	-89.877639	0			DEEP																												
305	46.134741	-89.877640	0			DEEP																												
306	46.134246	-89.877641	12	Sand	Pole			0																										
307	46.152560	-89.876888	6	Muck	Pole			1				1		1									1											
308	46.152065	-89.876890	7	Muck	Pole			3	1			2													1									
309	46.151570	-89.876891	9	Muck	Pole			1	1			1		1																				
310	46.151075	-89.876892	10	Muck	Pole			0																										
311	46.150580	-89.876893	9	Muck	Pole			0																										
312	46.150085	-89.876894	9	Muck	Pole			0																										
313	46.149590	-89.876895	10	Muck	Pole			0																										
314	46.149095	-89.876896	9	Sand	Pole			0																										
315	46.148600	-89.876897	7	Sand	Pole			0																										
316	46.148105	-89.876898	12	Sand	Pole			0																										
317	46.147610	-89.876900	20			DEEP																												
318	46.147115	-89.876901	32			DEEP																												
319	46.146620	-89.876902	0			DEEP																												
320	46.146125	-89.876903	0			DEEP																												
321	46.145630	-89.876904	0			DEEP																												
322	46.145135	-89.876905	0			DEEP																												
323	46.144640	-89.876906	0			DEEP																												
324	46.144145	-89.876907	0			DEEP																												

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE_ROPE	COMMENTS	NOTES	NUSJANCE	Total Rake Fullness	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Heteranthera dubia	Megalodonta beckii	Myriophyllum sibiricum	Najas flexilis	Nitella sp.	Nuphar variegata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton friesii	Potamogeton pusillus	Potamogeton robbinsii	Potamogeton spirillus	Potamogeton zosteriformis	Sparganium fluctuans	Utricularia vulgaris	Vallisneria spiralis	Zizania palustris	Aquatic moss	Freshwater sponge	Filamentous algae	Najas guadalupensis			
325	46.143650	-89.876908	0			DEEP																														
326	46.143155	-89.876909	0			DEEP																														
327	46.142660	-89.876911	0			DEEP																														
328	46.142165	-89.876912	0			DEEP																														
329	46.141670	-89.876913	0			DEEP																														
330	46.141175	-89.876914	0			DEEP																														
331	46.140680	-89.876915	0			DEEP																														
332	46.140185	-89.876916	0			DEEP																														
333	46.139690	-89.876917	0			DEEP																														
334	46.139195	-89.876918	15	Sand	Pole				0																											
335	46.138700	-89.876919	7	Sand	Pole				0																											
336	46.138205	-89.876920	5	Sand	Pole				1																											
337	46.137710	-89.876922	13	Sand	Pole				0							1				1																
338	46.137215	-89.876923	0			DEEP																														
339	46.136720	-89.876924	0			DEEP																														
340	46.136225	-89.876925	0			DEEP																														
341	46.135730	-89.876926	0			DEEP																														
342	46.135235	-89.876927	0			DEEP																														
343	46.134740	-89.876928	0			DEEP																														
344	46.134245	-89.876929	0			DEEP																														
345	46.133750	-89.876930	4	Sand	Pole				0																											
346	46.152065	-89.876177	4	Sand	Pole				1			1			1																					
347	46.151570	-89.876178	9	Muck	Pole				1			1																								
348	46.151075	-89.876180	10	Muck	Pole				0																											
349	46.150580	-89.876181	10	Muck	Pole				0																											
350	46.150085	-89.876182	10	Muck	Pole				0																											
351	46.149590	-89.876183	10	Muck	Pole				0																											
352	46.149095	-89.876184	11	Sand	Pole				0																											
353	46.148600	-89.876185	10	Sand	Pole				0																											
354	46.148105	-89.876186	7	Sand	Pole				0																											
355	46.147610	-89.876187	14	Sand	Pole				0																											
356	46.147115	-89.876188	0			DEEP																														
357	46.146620	-89.876190	0			DEEP																														
358	46.146125	-89.876191	0			DEEP																														
359	46.145630	-89.876192	0			DEEP																														
360	46.145135	-89.876193	0			DEEP																														
361	46.144640	-89.876194	0			DEEP																														
362	46.144145	-89.876195	0			DEEP																														
363	46.143650	-89.876196	0			DEEP																														
364	46.143155	-89.876197	0			DEEP																														
365	46.142660	-89.876198	0			DEEP																														
366	46.142165	-89.876200	0			DEEP																														
367	46.141670	-89.876201	0			DEEP																														
368	46.141175	-89.876202	0			DEEP																														
369	46.140680	-89.876203	0			DEEP																														
370	46.140185	-89.876204	0			DEEP																														
371	46.139690	-89.876205	0			DEEP																														
372	46.139195	-89.876206	13	Sand	Pole				0																											
373	46.138700	-89.876207	4	Sand	Pole				0																											
374	46.137710	-89.876210	13	Sand	Pole				0																											
375	46.137214	-89.876211	0			DEEP																														
376	46.136719	-89.876212	0			DEEP																														
377	46.136224	-89.876213	0			DEEP																														
378	46.135729	-89.876214	0			DEEP																														

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE/ROPE	COMMENTS	NOTES	NUSIANCE	Total Rake Fullness	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Heteranthera dubia	Megalodonta beckii	Myriophyllum sibiricum	Najas flexilis	Niletila sp.	Nuphar variegata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton friesii	Potamogeton pusillus	Potamogeton robbinsii	Potamogeton spirillus	Potamogeton zosteriformis	Sparganium fluctuans	Utricularia vulgaris	Vallisneria spiralis	Zizania palustris	Aquatic moss	Freshwater sponge	Filamentous algae	Najas guadalupensis		
379	46.135234	-89.876215	0			DEEP																													
380	46.134739	-89.876216	0			DEEP																													
381	46.134244	-89.876217	0			DEEP																													
382	46.133749	-89.876218	12	Sand	Pole			0																											
383	46.128799	-89.876229	4	Sand	Pole			1							1																				
384	46.128304	-89.876231	6	Muck	Pole			3															3												
385	46.127809	-89.876232	5	Sand	Pole			1							1								1												
386	46.151569	-89.875466	9	Muck	Pole			1				1																							
387	46.151074	-89.875467	11	Muck	Pole			0																											
388	46.150579	-89.875468	11	Muck	Pole			0																											
389	46.150084	-89.875470	12	Muck	Pole			0																											
390	46.149589	-89.875471	13		Rope			0																											
391	46.149094	-89.875472	13	Muck	Pole			0																											
392	46.148599	-89.875473	13	Muck	Pole			0																											
393	46.148104	-89.875474	3	Sand	Pole			1							1																				
394	46.147609	-89.875475	4	Sand	Pole			0																											
395	46.147114	-89.875476	12	Sand	Pole			0																											
396	46.146619	-89.875477	19			DEEP																													
397	46.146124	-89.875478	30			DEEP																													
398	46.145629	-89.875480	0			DEEP																													
399	46.145134	-89.875481	0			DEEP																													
400	46.144639	-89.875482	0			DEEP																													
401	46.144144	-89.875483	0			DEEP																													
402	46.143649	-89.875484	0			DEEP																													
403	46.143154	-89.875485	0			DEEP																													
404	46.142659	-89.875486	0			DEEP																													
405	46.142164	-89.875487	0			DEEP																													
406	46.141669	-89.875489	0			DEEP																													
407	46.141174	-89.875490	0			DEEP																													
408	46.140679	-89.875491	0			DEEP																													
409	46.140184	-89.875492	0			DEEP																													
410	46.139689	-89.875493	14		Rope			0																											
411	46.139194	-89.875494	11	Rock	Pole			0																											
412	46.137709	-89.875497	12	Sand	Pole			0																											
413	46.137214	-89.875499	0			DEEP																													
414	46.136719	-89.875500	0			DEEP																													
415	46.136224	-89.875501	0			DEEP																													
416	46.135729	-89.875502	0			DEEP																													
417	46.135234	-89.875503	0			DEEP																													
418	46.134739	-89.875504	0			DEEP																													
419	46.134244	-89.875505	0			DEEP																													
420	46.133749	-89.875506	13	Sand	Pole			0																											
421	46.133254	-89.875507	0			NONNAVIGABLE (PLANTS)																													
422	46.129789	-89.875515	6	Sand	Pole			2							1											1									
423	46.129294	-89.875516	8	Muck	Pole			3	1						1																				
424	46.128799	-89.875518	7	Muck	Pole			1															1												
425	46.128304	-89.875519	7	Muck	Pole			3						3												1									
426	46.127809	-89.875520	7	Muck	Pole			2						1									1												
427	46.151568	-89.874754	8	Muck	Pole			2				2																							
428	46.151073	-89.874755	12	Muck	Pole			0																											
429	46.150578	-89.874756	13	Muck	Pole			0																											
430	46.150083	-89.874757	14		Pole			0																											
431	46.149588	-89.874758	15		Rope			0																											
432	46.149093	-89.874760	14		Rope			0																											

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE/ROPE	COMMENTS	NOTES	NUSIANCE	Total Raize Fullness	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Heteranthera dubia	Megalodonta beckii	Myriophyllum sibiricum	Najas flexilis	Niletila sp.	Nuphar variegata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton friesii	Potamogeton pusillus	Potamogeton robbinsii	Potamogeton spirillus	Potamogeton zosteriformis	Sperganium fluctuans	Utricularia vulgaris	Vallisneria americana	Zizania palustris	Aquatic moss	Freshwater sponge	Filamentous algae	Najas guadalupensis	
433	46.148598	-89.874761	13	Muck	Pole			0																										
434	46.148103	-89.874762	9	Sand	Pole			0																										
435	46.146618	-89.874765	11	Sand	Pole			0																										
436	46.146123	-89.874766	12	Sand	Pole			0																										
437	46.145628	-89.874767	0			DEEP																												
438	46.145133	-89.874769	0			DEEP																												
439	46.144638	-89.874770	0			DEEP																												
440	46.144143	-89.874771	0			DEEP																												
441	46.143648	-89.874772	0			DEEP																												
442	46.143153	-89.874773	0			DEEP																												
443	46.142658	-89.874774	0			DEEP																												
444	46.142163	-89.874775	0			DEEP																												
445	46.141668	-89.874776	0			DEEP																												
446	46.141173	-89.874778	0			DEEP																												
447	46.140678	-89.874779	0			DEEP																												
448	46.140183	-89.874780	16		Rope			0																										1
449	46.139688	-89.874781	12	Sand	Pole			0																										
450	46.139193	-89.874782	3	Sand	Pole			0																										
451	46.138203	-89.874784	3	Sand	Pole			0																										
452	46.137708	-89.874785	14		Rope			0																										
453	46.137213	-89.874787	0			DEEP																												
454	46.136718	-89.874788	0			DEEP																												
455	46.136223	-89.874789	0			DEEP																												
456	46.135728	-89.874790	0			DEEP																												
457	46.135233	-89.874791	0			DEEP																												
458	46.134738	-89.874792	0			DEEP																												
459	46.134243	-89.874793	0			DEEP																												
460	46.133748	-89.874794	16		Rope			0																										
461	46.133253	-89.874795	9	Sand	Pole			1											1															
462	46.132758	-89.874797	11	Sand	Pole			1		1																								
463	46.132263	-89.874798	10	Sand	Pole			0																										
464	46.131768	-89.874799	3	Sand	Pole			1							1																			
465	46.131273	-89.874800	0			TEMPORARY OBSTACLE																												
466	46.130283	-89.874802	5	Sand	Pole			1		1														1										
467	46.129788	-89.874803	5	Sand	Pole			1												1														
468	46.129293	-89.874804	9	Muck	Pole			0																										
469	46.128798	-89.874805	8	Muck	Pole			2											1					2										
470	46.128303	-89.874807	7	Muck	Pole			1						1										1		1								
471	46.127808	-89.874808	7	Muck	Pole			1																1										
472	46.127313	-89.874809	7	Muck	Pole			3																3										
473	46.151567	-89.874042	8	Sand	Pole			0																										
474	46.151072	-89.874043	13	Muck	Pole			0																										
475	46.150577	-89.874044	15		Rope			0																										
476	46.150082	-89.874045	17			DEEP																												
477	46.149587	-89.874046	19			DEEP																												
478	46.149092	-89.874047	16			DEEP																												
479	46.148597	-89.874048	14		Rope			0																										
480	46.148102	-89.874050	13	Muck	Pole			0																										
481	46.147607	-89.874051	7	Sand	Pole			1		1																								
482	46.146122	-89.874054	7	Sand	Pole			1							1	1																		
483	46.145627	-89.874055	16			DEEP																												
484	46.145132	-89.874056	32			DEEP																												
485	46.144637	-89.874058	0			DEEP																												
486	46.144142	-89.874059	0			DEEP																												

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE_ROPE	COMMENTS	NOTES	NUSJANCE	Total Raie Fullness	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Heteranthera dubia	Megalodonta beckii	Myriophyllum sibiricum	Najas flexilis	Nitella sp.	Nuphar variegata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton friesii	Potamogeton pusillus	Potamogeton robbinsii	Potamogeton spirillus	Potamogeton zosteriformis	Sparganium fluctans	Utricularia vulgaris	Vallisneria americana	Zizania palustris	Aquatic moss	Freshwater sponge	Filamentous algae	Najas guadalupensis			
487	46.143647	-89.874060	0			DEEP																														
488	46.143152	-89.874061	0			DEEP																														
489	46.142657	-89.874062	0			DEEP																														
490	46.142162	-89.874063	0			DEEP																														
491	46.141667	-89.874064	0			DEEP																														
492	46.141172	-89.874065	0			DEEP																														
493	46.140677	-89.874067	0			DEEP																														
494	46.140182	-89.874068	0			DEEP																														
495	46.139687	-89.874069	11	Sand	Pole				0																											
496	46.138202	-89.874072	12	Sand	Pole				0																											
497	46.137707	-89.874073	0			DEEP																														
498	46.137212	-89.874074	0			DEEP																														
499	46.136717	-89.874076	0			DEEP																														
500	46.136222	-89.874077	0			DEEP																														
501	46.135727	-89.874078	0			DEEP																														
502	46.135232	-89.874079	0			DEEP																														
503	46.134737	-89.874080	0			DEEP																														
504	46.134242	-89.874081	0			DEEP																														
505	46.133747	-89.874082	0			DEEP																														
506	46.133252	-89.874083	0			DEEP																														
507	46.132757	-89.874085	0			DEEP																														
508	46.132262	-89.874086	14		Rope				0																											
509	46.131767	-89.874087	12	Sand	Pole				0																											
510	46.131272	-89.874088	3	Sand	Pole				2							2																				
511	46.129787	-89.874091	11	Sand	Pole				0																											
512	46.129292	-89.874093	11	Muck	Pole				0																											
513	46.128797	-89.874094	11	Muck	Pole				3	3																										
514	46.128302	-89.874095	9	Muck	Pole				0																											
515	46.127807	-89.874096	8	Muck	Pole				2			2																								
516	46.127312	-89.874097	7	Muck	Pole				1														1													
517	46.126817	-89.874098	5	Sand	Pole				2			1											1													
518	46.151567	-89.873329	8	Muck	Pole				2			2																								
519	46.151072	-89.873331	12	Sand	Pole				0																											
520	46.150577	-89.873332	15		Rope				0																											
521	46.150082	-89.873333	19			DEEP																														
522	46.149587	-89.873334	21			DEEP																														
523	46.149091	-89.873335	20			DEEP																														
524	46.148596	-89.873336	17			DEEP																														
525	46.148101	-89.873337	15		Rope				0																											15
526	46.147606	-89.873339	13		Rope				0																											
527	46.147111	-89.873340	10	Muck	Pole				0																											
528	46.145626	-89.873343	14	Sand	Pole				0																											
529	46.145131	-89.873344	24			DEEP																														
530	46.144636	-89.873345	0			DEEP																														
531	46.144141	-89.873347	0			DEEP																														
532	46.143646	-89.873348	0			DEEP																														
533	46.143151	-89.873349	0			DEEP																														
534	46.142656	-89.873350	0			DEEP																														
535	46.142161	-89.873351	0			DEEP																														
536	46.141666	-89.873352	0			DEEP																														
537	46.141171	-89.873353	0			DEEP																														
538	46.140676	-89.873354	0			DEEP																														
539	46.140181	-89.873356	0			DEEP																														
540	46.139686	-89.873357	11	Sand	Pole				0																											

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE/ROPE	COMMENTS	NOTES	NUSIANCE	Total Rake Fullness	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Heteranthera dubia	Megalodonta beckii	Myriophyllum sibiricum	Najas flexilis	Nitella sp.	Nuphar variegata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton friesii	Potamogeton pusillus	Potamogeton robbinsii	Potamogeton spirillus	Potamogeton zosteriformis	Sparganium fluctans	Utricularia vulgaris	Vallisneria spiralis	Zizania palustris	Aquatic moss	Freshwater sponge	Filamentous algae	Najas guadalupensis		
541	46.138201	-89.873360	0			DEEP																													
542	46.137706	-89.873361	0			DEEP																													
543	46.137211	-89.873362	0			DEEP																													
544	46.136716	-89.873364	0			DEEP																													
545	46.136221	-89.873365	0			DEEP																													
546	46.135726	-89.873366	0			DEEP																													
547	46.135231	-89.873367	0			DEEP																													
548	46.134736	-89.873368	0			DEEP																													
549	46.134241	-89.873369	0			DEEP																													
550	46.133746	-89.873370	0			DEEP																													
551	46.133251	-89.873371	0			DEEP																													
552	46.132756	-89.873373	0			DEEP																													
553	46.132261	-89.873374	0			DEEP																													
554	46.131766	-89.873375	14		Rope				0																										
555	46.131271	-89.873376	4	Sand	Pole				0																										
556	46.130776	-89.873377	9	Muck	Pole				0																										
557	46.130281	-89.873378	12	Sand	Pole				0																										
558	46.129786	-89.873379	11	Sand	Pole				0																										
559	46.129291	-89.873381	10	Sand	Pole				0																										
560	46.128796	-89.873382	12	Muck	Pole				0																										
561	46.128301	-89.873383	13	Muck	Pole				1		1																								
562	46.127806	-89.873384	3	Sand	Pole				0																										
563	46.151071	-89.872618	9	Muck	Pole				0																										
564	46.150576	-89.872620	13		Rope				1		1																								
565	46.150081	-89.872621	15		Rope				0																										
566	46.149586	-89.872622	18			DEEP																													
567	46.149091	-89.872623	19			DEEP																													
568	46.148596	-89.872624	18		Rope				0																										
569	46.148101	-89.872625	16		Rope				0																										
570	46.147606	-89.872626	15	Muck	Pole				0																										
571	46.147111	-89.872628	10	Muck	Pole				1		1																								
572	46.145626	-89.872631	6	Rock	Pole				0																										
573	46.145131	-89.872632	14		Rope				0																										
574	46.144636	-89.872633	0			DEEP																													
575	46.144141	-89.872634	0			DEEP																													
576	46.143646	-89.872636	0			DEEP																													
577	46.143151	-89.872637	0			DEEP																													
578	46.142656	-89.872638	0			DEEP																													
579	46.142161	-89.872639	0			DEEP																													
580	46.141666	-89.872640	0			DEEP																													
581	46.141171	-89.872641	0			DEEP																													
582	46.140676	-89.872642	0			DEEP																													
583	46.140181	-89.872643	13	Sand	Pole				0																										
584	46.139686	-89.872645	5	Sand	Pole				0																										
585	46.137706	-89.872649	0			DEEP																													
586	46.137211	-89.872650	0			DEEP																													
587	46.136716	-89.872651	0			DEEP																													
588	46.136221	-89.872653	0			DEEP																													
589	46.135726	-89.872654	0			DEEP																													
590	46.135231	-89.872655	0			DEEP																													
591	46.134736	-89.872656	0			DEEP																													
592	46.134241	-89.872657	0			DEEP																													
593	46.133746	-89.872658	0			DEEP																													
594	46.133251	-89.872659	0			DEEP																													

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE/ROPE	COMMENTS	NOTES	NUSJANCE	Total Raie Fullness	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Heteranthera dubia	Megalodonta beckii	Myriophyllum sibiricum	Najas flexilis	Nitella sp.	Nuphar variegata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton friesii	Potamogeton pusillus	Potamogeton robbinsii	Potamogeton spirillus	Potamogeton zosteriformis	Sparganium fluctuans	Utricularia vulgaris	Vallisneria spiralis	Zizania palustris	Aquatic moss	Freshwater sponge	Filamentous algae	Najas guadalupensis		
595	46.132756	-89.872661	0			DEEP																													
596	46.132261	-89.872662	0			DEEP																													
597	46.131766	-89.872663	0			DEEP																													
598	46.131271	-89.872664	13	Sand					0																										
599	46.130776	-89.872665	12	Rock	Pole				0																										
600	46.130280	-89.872666	12	Sand	Pole				0																										
601	46.129785	-89.872667	11	Sand	Pole				0																										
602	46.129290	-89.872669	12	Muck	Pole				0																										
603	46.128795	-89.872670	9	Muck	Pole				0																										
604	46.128300	-89.872671	10	Muck	Pole				0																										
605	46.127805	-89.872672	8	Sand	Pole				0																										
606	46.150575	-89.871907	9	Muck	Pole				0																										
607	46.150080	-89.871908	11	Sand	Pole				0																										
608	46.149585	-89.871910	14	Muck	Pole				0																										
609	46.149090	-89.871911	14		Rope				0																										
610	46.148595	-89.871912	14		Rope				1			1																							
611	46.148100	-89.871913	14		Rope				0																										
612	46.147605	-89.871914	8	Muck	Pole				0																										
613	46.147110	-89.871915	5	Muck	Pole				2		1	1											2	1											
614	46.145130	-89.871920	12	Sand	Pole				0																										
615	46.144635	-89.871921	0			DEEP																													
616	46.144140	-89.871922	0			DEEP																													
617	46.143645	-89.871923	0			DEEP																													
618	46.143150	-89.871925	0			DEEP																													
619	46.142655	-89.871926	0			DEEP																													
620	46.142160	-89.871927	0			DEEP																													
621	46.141665	-89.871928	0			DEEP																													
622	46.141170	-89.871929	0			DEEP																													
623	46.140675	-89.871930	0			DEEP																													
624	46.140180	-89.871931	9	Sand	Pole				0																										
625	46.139685	-89.871933	5	Sand	Pole				0																										
626	46.138200	-89.871936	13	Sand	Pole				0																										
627	46.137705	-89.871937	0			DEEP																													
628	46.137210	-89.871938	0			DEEP																													
629	46.136715	-89.871939	0			DEEP																													
630	46.136220	-89.871941	0			DEEP																													
631	46.135725	-89.871942	0			DEEP																													
632	46.135230	-89.871943	0			DEEP																													
633	46.134735	-89.871944	0			DEEP																													
634	46.134240	-89.871945	0			DEEP																													
635	46.133745	-89.871946	0			DEEP																													
636	46.133250	-89.871947	0			DEEP																													
637	46.132755	-89.871949	0			DEEP																													
638	46.132260	-89.871950	0			DEEP																													
639	46.131765	-89.871951	0			DEEP																													
640	46.131270	-89.871952	0			DEEP																													
641	46.130775	-89.871953	0			DEEP																													
642	46.130280	-89.871954	14		Rope				0																										
643	46.129785	-89.871955	12	Sand	Pole				0																										
644	46.129290	-89.871957	9	Muck	Pole				0																										
645	46.128795	-89.871958	9	Muck	Pole				0																										
646	46.128300	-89.871959	10	Sand	Pole				0																										
647	46.127805	-89.871960	11	Sand	Pole				0																										
648	46.149089	-89.871199	7	Sand	Pole				0																										

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE / ROPE	COMMENTS	NOTES	NUSJANCE	Total Flake Fullness	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Heteranthera dubia	Megalodonta beckii	Myriophyllum sibiricum	Najas flexilis	Nitella sp.	Nuphar variegata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton friesii	Potamogeton pusillus	Potamogeton robbinsii	Potamogeton spirillus	Potamogeton zosteriformis	Sparganium fluctuans	Utricularia vulgaris	Vallisneria spiralis	Zizania palustris	Aquatic moss	Freshwater sponge	Filamentous algae	Najas guadalupensis	
649	46.148594	-89.871200	10	Muck	Pole			1				1																						
650	46.147109	-89.871203	5	Muck	Pole			2				2	1		1								1					1						
651	46.145129	-89.871208	9	Sand	Pole			1									1																	
652	46.144634	-89.871209	14		Rope			0																										
653	46.144139	-89.871210	0			DEEP																												
654	46.143644	-89.871211	0			DEEP																												
655	46.143149	-89.871212	0			DEEP																												
656	46.142654	-89.871214	0			DEEP																												
657	46.142159	-89.871215	14		Rope			0																										
658	46.141664	-89.871216	14	Rock	Pole			0																										
659	46.141169	-89.871217	14	Sand	Pole			0																										
660	46.140674	-89.871218	11	Sand	Pole			0																										
661	46.140179	-89.871219	7	Sand	Pole			0																										
662	46.139684	-89.871220	4	Sand	Pole			0																										
663	46.138694	-89.871223	8	Muck	Pole			0																										
664	46.137704	-89.871225	12	Sand	Pole			0																										
665	46.137209	-89.871226	0			DEEP																												
666	46.136714	-89.871227	0			DEEP																												
667	46.136219	-89.871229	0			DEEP																												
668	46.135724	-89.871230	0			DEEP																												
669	46.135229	-89.871231	0			DEEP																												
670	46.134734	-89.871232	0			DEEP																												
671	46.134239	-89.871233	0			DEEP																												
672	46.133744	-89.871234	0			DEEP																												
673	46.133249	-89.871235	0			DEEP																												
674	46.132754	-89.871237	0			DEEP																												
675	46.132259	-89.871238	0			DEEP																												
676	46.131764	-89.871239	0			DEEP																												
677	46.131269	-89.871240	14		Rope			0																										
678	46.130774	-89.871241	0			DEEP																												
679	46.130279	-89.871242	12	Sand	Pole			0																										
680	46.129784	-89.871244	8	Sand	Pole			0																										
681	46.129289	-89.871245	8	Sand	Pole			0																										
682	46.128794	-89.871246	9	Muck	Pole			0																										
683	46.128299	-89.871247	9	Sand	Pole			0																										
684	46.127804	-89.871248	10	Muck	Pole			0																										
685	46.145128	-89.870496	8	Sand	Pole			2					1		1								1											
686	46.144633	-89.870497	13	Sand	Pole			0																										
687	46.144138	-89.870498	0			DEEP																												
688	46.143643	-89.870499	0			DEEP																												
689	46.143148	-89.870500	0			DEEP																												
690	46.142653	-89.870501	15		Rope			0																										
691	46.142158	-89.870503	13	Sand	Pole			0																										
692	46.141663	-89.870504	5	Rock	Pole			0																										
693	46.140178	-89.870507	5	Sand	Pole			0																										
694	46.139683	-89.870508	8	Sand	Pole			0																										
695	46.139188	-89.870510	8	Rock	Pole			0																										
696	46.138693	-89.870511	13	Sand	Pole			0																										
697	46.138198	-89.870512	8	Sand	Pole			0																										
698	46.137703	-89.870513	7	Rock	Pole			0																										
699	46.137208	-89.870514	13		Rope			0																										
700	46.136713	-89.870515	0			DEEP																												
701	46.136218	-89.870516	0			DEEP																												
702	46.135723	-89.870518	0			DEEP																												

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE/ROPE	COMMENTS	NOTES	NUSJANCE	Total Rake Fullness	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Heteranthera dubia	Megalodonta beckii	Myriophyllum sibiricum	Najas flexilis	Nitella sp.	Nuphar variegata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton friesii	Potamogeton pusillus	Potamogeton robbinsii	Potamogeton spirillus	Potamogeton zosteriformis	Sparganium fluctuans	Utricularia vulgaris	Vallisneria spiralis	Zizania palustris	Aquatic moss	Freshwater sponge	Filamentous algae	Najas guadalupensis	
703	46.135228	-89.870519	0			DEEP																												
704	46.134733	-89.870520	0			DEEP																												
705	46.134238	-89.870521	0			DEEP																												
706	46.133743	-89.870522	0			DEEP																												
707	46.133248	-89.870523	0			DEEP																												
708	46.132753	-89.870525	0			DEEP																												
709	46.132258	-89.870526	0			DEEP																												
710	46.131763	-89.870527	16		Rope			0																										
711	46.131268	-89.870528	11	Sand	Pole			0																										
712	46.130773	-89.870529	12	Rock	Pole			0																										
713	46.130278	-89.870530	7	Sand	Pole			0																										1
714	46.129783	-89.870532	4	Sand	Pole			1							1								1											
715	46.128793	-89.870534	8	Muck	Pole			0																										
716	46.128298	-89.870535	11	Sand	Pole			0																										
717	46.127803	-89.870536	9	Muck	Pole			0																										
718	46.145622	-89.869782	2	Sand	Pole			1									1																	
719	46.145127	-89.869783	9	Sand	Pole			0																										
720	46.144632	-89.869785	12	Sand	Pole			0																										
721	46.144137	-89.869786	0			DEEP																												
722	46.143642	-89.869787	0			DEEP																												
723	46.143147	-89.869788	15		Rope			0																										
724	46.142652	-89.869789	12	Sand	Pole			0																										
725	46.142157	-89.869790	3	Sand	Pole			0																										
726	46.140177	-89.869795	7	Sand	Pole			0																										
727	46.139682	-89.869796	9	Sand	Pole			0																										1
728	46.139187	-89.869797	13	Muck	Pole			0																										
729	46.138692	-89.869799	12	Muck	Pole			0																										
730	46.138197	-89.869800	13	Muck	Pole			0																										
731	46.137702	-89.869801	14	Sand	Pole			0																										
732	46.137207	-89.869802	11	Rock	Pole			0																										
733	46.136712	-89.869803	0			DEEP																												
734	46.136217	-89.869804	0			DEEP																												
735	46.135722	-89.869806	0			DEEP																												
736	46.135227	-89.869807	0			DEEP																												
737	46.134732	-89.869808	0			DEEP																												
738	46.134237	-89.869809	0			DEEP																												
739	46.133742	-89.869810	0			DEEP																												
740	46.133247	-89.869811	0			DEEP																												
741	46.132752	-89.869813	0			DEEP																												
742	46.132257	-89.869814	0			DEEP																												
743	46.131762	-89.869815	0			DEEP																												
744	46.131267	-89.869816	11	Sand	Pole			0																										
745	46.130772	-89.869817	10	Sand	Pole			0																										
746	46.128792	-89.869822	7	Muck	Pole			0																										
747	46.128297	-89.869823	11	Sand	Pole			0																										
748	46.127802	-89.869824	7	Sand	Pole			0																										
749	46.145622	-89.869070	11	Sand	Pole			1									1																	
750	46.145127	-89.869071	10	Sand	Pole			0																										
751	46.144632	-89.869072	13	Sand	Pole			0																										
752	46.144137	-89.869074	0			DEEP																												
753	46.143642	-89.869075	0			DEEP																												
754	46.143147	-89.869076	12	Sand	Pole			0																										
755	46.142652	-89.869077	1	Sand	Pole			0																										
756	46.140177	-89.869083	6	Muck	Pole			0																										

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE/ROPE	COMMENTS	NOTES	NUSIANCE	Total Flake Fullness	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Heteranthera dubia	Megalodonta beckii	Myriophyllum sibiricum	Najas flexilis	Nitella sp.	Nuphar variegata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton friesii	Potamogeton pusillus	Potamogeton robbinsii	Potamogeton spirillus	Potamogeton zosteriformis	Sparganium fluctuans	Utricularia vulgaris	Vallisneria spiralis	Zizania palustris	Aquatic moss	Freshwater sponge	Filamentous algae	Najas guadalupensis		
757	46.139682	-89.869084	8	Sand	Pole			0																											
758	46.139187	-89.869085	8	Muck	Pole			0																											
759	46.138692	-89.869087	8	Muck	Pole			0																											
760	46.138197	-89.869088	13	Muck	Pole			0																											
761	46.137702	-89.869089	12	Muck	Pole			0																											
762	46.137207	-89.869090	9	Sand	Pole			0																											
763	46.136712	-89.869091	11	Rock	Pole			0																											
764	46.136217	-89.869092	14	Sand	Pole			0																											
765	46.135722	-89.869094	0			DEEP																													
766	46.135227	-89.869095	13	Rock	Pole			0																											
767	46.134732	-89.869096	15		Rope			0																											
768	46.134237	-89.869097	0			DEEP																													
769	46.133742	-89.869098	0			DEEP																													
770	46.133247	-89.869099	0			DEEP																													
771	46.132752	-89.869101	0			DEEP																													
772	46.132256	-89.869102	0			DEEP																													
773	46.131762	-89.869103	0			DEEP																													
774	46.131266	-89.869104	0			DEEP																													
775	46.130771	-89.869105	15		Rope			0																											
776	46.130276	-89.869106	1	Sand	Pole			0																											
777	46.128791	-89.869110	12	Sand	Pole			0																											
778	46.128296	-89.869111	8	Sand	Pole			0																											
779	46.127801	-89.869112	6	Muck	Pole			0																											
780	46.146116	-89.868357	4	Sand	Pole			1									1																		
781	46.145621	-89.868358	15		Rope			0																											
782	46.145126	-89.868359	15		Rope			0																											
783	46.144631	-89.868360	23			DEEP																													
784	46.144136	-89.868361	13	Sand	Pole			0																											
785	46.143641	-89.868363	8	Sand	Pole			0																											
786	46.140671	-89.868370	7	Sand	Pole			0																											
787	46.140176	-89.868371	7	Muck	Pole			0																											
788	46.139681	-89.868372	7	Sand	Pole			0																											
789	46.139186	-89.868373	7	Muck	Pole			0																											
790	46.138691	-89.868374	8	Muck	Pole			0																											
791	46.138196	-89.868376	10	Sand	Pole			0																											
792	46.137701	-89.868377	8	Sand	Pole			0																											
793	46.137206	-89.868378	3	Sand	Pole			0																											
794	46.136216	-89.868380	4	Sand	Pole			0																											
795	46.135721	-89.868382	4	Sand	Pole			0																											
796	46.135226	-89.868383	4	Sand	Pole			0																											
797	46.134731	-89.868384	5	Rock	Pole			0																											
798	46.134236	-89.868385	15		Rope			0																											
799	46.133741	-89.868386	0			DEEP																													
800	46.133246	-89.868387	0			DEEP																													
801	46.132751	-89.868389	0			DEEP																													
802	46.132256	-89.868390	0			DEEP																													
803	46.131761	-89.868391	0			DEEP																													
804	46.131266	-89.868392	0			DEEP																													
805	46.130771	-89.868393	0			DEEP																													
806	46.130276	-89.868394	13	Sand	Pole			0																											
807	46.129286	-89.868397	13	Sand	Pole			0																											
808	46.128791	-89.868398	8	Muck	Pole			0																											
809	46.128296	-89.868399	7	Muck	Pole			0																											
810	46.127801	-89.868400	7	Muck	Pole			0																											

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE/ROPE	COMMENTS	NOTES	NUSJANCE	Total Raize Fullness	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Heteranthera dubia	Megalodonta beckii	Myriophyllum sibiricum	Najas flexilis	Nitella sp.	Nuphar variegata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton friesii	Potamogeton pusillus	Potamogeton robbinsii	Potamogeton spirillus	Potamogeton zosteriformis	Sparganium fluctuans	Utricularia vulgaris	Vallisneria spiralis	Zizania palustris	Aquatic moss	Freshwater sponge	Filamentous algae	Najas guadalupensis	
811	46.146115	-89.867645	10	Sand	Pole			1																										
812	46.145620	-89.867646	17			DEEP																												
813	46.145125	-89.867647	20			DEEP																												
814	46.144630	-89.867648	11	Sand	Pole			0																										
815	46.144135	-89.867649	7	Sand	Pole			0																										
816	46.140670	-89.867658	7	Muck	Pole			0																										
817	46.140175	-89.867659	7	Muck	Pole			0																										
818	46.139680	-89.867660	5	Sand	Pole			0																										
819	46.138195	-89.867664	2	Rock	Pole			0																										
820	46.137700	-89.867665	6	Sand	Pole			0																										
821	46.134235	-89.867673	15		Rope			0																										
822	46.133740	-89.867674	0			DEEP																												
823	46.133245	-89.867675	0			DEEP																												
824	46.132750	-89.867677	0			DEEP																												
825	46.132255	-89.867678	0			DEEP																												
826	46.131760	-89.867679	0			DEEP																												
827	46.131265	-89.867680	0			DEEP																												
828	46.130770	-89.867681	0			DEEP																												
829	46.130275	-89.867683	0			DEEP																												
830	46.129780	-89.867684	12	Sand	Pole			0																										
831	46.129285	-89.867685	12	Sand	Pole			0																										
832	46.128790	-89.867686	7	Sand	Pole			0																										
833	46.146114	-89.866932	12	Sand	Pole			0																										
834	46.145619	-89.866934	18			DEEP																												
835	46.145124	-89.866935	18			DEEP																												
836	46.144629	-89.866936	14	Sand	Pole			0																										
837	46.140174	-89.866947	5	Sand	Pole			0																										
838	46.139679	-89.866948	1	Sand	Pole			1				1																						
839	46.134234	-89.866961	13	Sand	Pole			0																										
840	46.133739	-89.866962	0			DEEP																												
841	46.133244	-89.866963	0			DEEP																												
842	46.132749	-89.866965	0			DEEP																												
843	46.132254	-89.866966	0			DEEP																												
844	46.131759	-89.866967	0			DEEP																												
845	46.131264	-89.866968	0			DEEP																												
846	46.130769	-89.866969	15		Rope			0																										
847	46.130274	-89.866971	0			DEEP																												
848	46.129779	-89.866972	12	Sand	Pole			0																										
849	46.146113	-89.866220	3	Sand	Pole			0																										
850	46.145618	-89.866221	17			DEEP																												
851	46.145123	-89.866223	16			DEEP																												
852	46.144628	-89.866224	17			DEEP																												
853	46.144133	-89.866225	8	Sand	Pole			0																										
854	46.134233	-89.866249	13	Sand	Pole			0																										
855	46.133738	-89.866250	0			DEEP																												
856	46.133243	-89.866251	0			DEEP																												
857	46.132748	-89.866253	0			DEEP																												
858	46.132253	-89.866254	0			DEEP																												
859	46.131758	-89.866255	0			DEEP																												
860	46.131263	-89.866256	14		Rope			0																										
861	46.130273	-89.866259	12	Sand	Pole			0																										
862	46.129778	-89.866260	3	Sand	Pole			0																										
863	46.145618	-89.865509	5	Sand	Pole			0																										
864	46.145123	-89.865510	10	Sand	Pole			0																										

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE_ROPE	COMMENTS	NOTES	NUSIANCE	Total Rake Fullness	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Heteranthera dubia	Megalodonta beckii	Myriophyllum sibiricum	Najas flexilis	Niletila sp.	Nuphar variegata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton friesii	Potamogeton pusillus	Potamogeton robbinsii	Potamogeton spirillus	Potamogeton zosteriformis	Sparganium fluctans	Utricularia vulgaris	Vallisneria americana	Zizania palustris	Aquatic moss	Freshwater sponge	Filamentous algae	Najas guadalupensis			
865	46.144628	-89.865512	13	Muck	Pole				0																											
866	46.134232	-89.865537	10	Sand	Pole				0																											
867	46.133737	-89.865538	0			DEEP																														
868	46.133242	-89.865539	0			DEEP																														
869	46.132747	-89.865541	0			DEEP																														
870	46.132252	-89.865542	0			DEEP																														
871	46.131757	-89.865543	0			DEEP																														
872	46.131262	-89.865544	1	Rock	Pole				0																											
873	46.130272	-89.865547	3	Sand	Pole				1																		1									
874	46.133737	-89.864826	0			DEEP																														
875	46.133242	-89.864827	16		Rope				0																											
876	46.132747	-89.864829	0			DEEP																														
877	46.132252	-89.864830	14		Rope				0																											
878	46.131757	-89.864831	6	Sand	Pole				0																											
879	46.131756	-89.864119	5	Sand	Pole				2										1				1		1											

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE_ROPE	COMMENTS	NOTES	NUISANCE	Total Rake Fullness	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Lemna trisulca	Megalodonta beckii	Myriophyllum sibiricum	Najas flexilis	Nitella sp.	Potamogeton gramineus	Potamogeton richardsonii	Potamogeton robbinsii	Potamogeton zosteriformis	Utricularia vulgaris	Vallisneria americana	Zizania palustris	Filamentous algae	Sagittaria cuneata	Potamogeton obtusifolius
1	529276	630974	4	Rock	Pole			0																			
2	529301	631024	0			TERRESTRIAL																					
3	529301	630999	4	Sand	Pole			1												1							
4	529326	631049	3	Sand	Pole			2	1		1												1			2	
5	529326	631024	4	Sand	Pole			1		1	1	1									1						
6	529326	630999	5	Sand	Pole			1															1				
7	529351	631074	3	Sand	Pole			1	1		1														1		
8	529351	631049	5	Muck	Pole			3	3		1										1	1					
9	529351	631024	5	Muck	Pole			3	2		1	1			1					1							
10	529376	631074	4	Muck	Pole			1	1																2		
11	529376	631049	4	Muck	Pole			1	1																1		
12	529376	631024	5	Muck	Pole			1	1			1									1				1		
13	529401	631074	4	Muck	Pole			1			1														1		
14	529401	631049	2	Sand	Pole			1									1										
15	529401	631024	5	Muck	Pole			1	1																2		
16	529426	631099	3	Sand	Pole			3			1							1	1				1			1	
17	529426	631074	4	Muck	Pole			0																	2		
18	529426	631024	5	Muck	Pole			1			1																
19	529451	631099	3	Muck	Pole			YES	1							1									1		
20	529451	631074	5	Muck	Pole			YES	1		1										1						
21	529451	631024	6	Muck	Pole			1			1										1						
22	529476	631124	0			NONNAVIGABLE (PLANTS)																					
23	529476	631099	4	Muck	Pole			1													1				3		
24	529476	631074	0			NONNAVIGABLE (PLANTS)																					
25	529476	631024	6	Muck	Pole			1	1					1													
26	529476	630999	7	Muck	Pole			0																			
27	529501	631124	0			NONNAVIGABLE (PLANTS)																					
28	529501	631099	5	Muck	Pole			0																	1		
29	529501	630999	7	Muck	Pole			2					1							1							
30	529526	631149	0			NONNAVIGABLE (PLANTS)																					
31	529526	631124	4	Muck	Pole			0																	3		
32	529526	631099	0			NONNAVIGABLE (PLANTS)																					
33	529526	630974	5	Sand	Pole			2			2					1											
34	529551	631174	0			NONNAVIGABLE (PLANTS)																					
35	529551	631149	5	Muck	Pole			1	1		1										1				3		
36	529551	631124	4	Muck	Pole			1			1										1				2		
37	529576	631174	4	Muck	Pole			1													1				1		
38	529576	631149	0			NONNAVIGABLE (PLANTS)																					
39	529576	631124	0			NONNAVIGABLE (PLANTS)																					
40	529601	631199	0			NONNAVIGABLE (PLANTS)																					
41	529601	631174	4	Muck	Pole			1													1				3		
42	529601	631149	0			NONNAVIGABLE (PLANTS)																					
43	529626	631199	4	Muck	Pole			0																	2		
44	529626	631174	0			NONNAVIGABLE (PLANTS)																					
45	529626	631149	0			NONNAVIGABLE (PLANTS)																					

Point Number	LATTITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE_ROPE	COMMENTS	NOTES	NUISANCE	Total Rake Fullness	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Lemna trisulca	Megalodonta beckii	Myriophyllum sibiricum	Najas flexilis	Nitella sp.	Potamogeton gramineus	Potamogeton richardsonii	Potamogeton robbinsii	Potamogeton zosteriformis	Utricularia vulgaris	Vallisneria americana	Zizania palustris	Filamentous algae	Sagittaria cuneata	Potamogeton obtusifolius
46	529651	631199	4	Muck	Pole			2	1												1				2		
47	529651	631174	0			NONNAVIGABLE (PLANTS)																					
48	529651	631149	0			NONNAVIGABLE (PLANTS)																					
49	529676	631199	3	Muck	Pole			1	1												1			1	2		
50	529676	631174	0			NONNAVIGABLE (PLANTS)																					
51	529676	631149	0			NONNAVIGABLE (PLANTS)																					
52	529676	631124	0			NONNAVIGABLE (PLANTS)																					
53	529701	631199	4	Muck	Pole			2	1		1													1			1
54	529701	631174	0			NONNAVIGABLE (PLANTS)																					
55	529701	631149	0			NONNAVIGABLE (PLANTS)																					
56	529726	631224	0			NONNAVIGABLE (PLANTS)																					
57	529726	631199	4	Muck	Pole			1	1																2		
58	529726	631174	0			NONNAVIGABLE (PLANTS)																					
59	529726	631149	0			NONNAVIGABLE (PLANTS)																					
60	529726	631124	0			NONNAVIGABLE (PLANTS)																					
61	529751	631224	0			NONNAVIGABLE (PLANTS)																					
62	529751	631199	3	Muck	Pole			1						1										1	2		
63	529751	631174	0			NONNAVIGABLE (PLANTS)																					
64	529751	631149	0			NONNAVIGABLE (PLANTS)																					
65	529751	631124	0			NONNAVIGABLE (PLANTS)																					
66	529776	631249	0			NONNAVIGABLE (PLANTS)																					
67	529776	631224	0			NONNAVIGABLE (PLANTS)																					
68	529776	631199	0			NONNAVIGABLE (PLANTS)																					
69	529776	631174	0			NONNAVIGABLE (PLANTS)																					
70	529776	631149	0			NONNAVIGABLE (PLANTS)																					
71	529801	631249	0			NONNAVIGABLE (PLANTS)																					
72	529801	631224	3	Muck	Pole			1	1																2		
73	529801	631199	0			NONNAVIGABLE (PLANTS)																					
74	529801	631174	0			NONNAVIGABLE (PLANTS)																					
75	529801	631149	0			NONNAVIGABLE (PLANTS)																					
76	529826	631249	0			NONNAVIGABLE (PLANTS)																					
77	529826	631224	0			NONNAVIGABLE (PLANTS)																					
78	529826	631199	0			NONNAVIGABLE (PLANTS)																					
79	529826	631174	0			NONNAVIGABLE (PLANTS)																					
80	529851	631249	0			NONNAVIGABLE (PLANTS)																					
81	529851	631224	0			NONNAVIGABLE (PLANTS)																					
82	529851	631199	0			NONNAVIGABLE (PLANTS)																					
83	529851	631174	0			NONNAVIGABLE (PLANTS)																					
84	529876	631224	0			NONNAVIGABLE (PLANTS)																					
85	529876	631199	0			NONNAVIGABLE (PLANTS)																					

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE_POPE	COMMENTS	NOTES	MUSIANCE	Total Rake Fullness	Potamogeton crispus	Ceratophyllum demersum	Ceratophyllum echinatum	Chara spp.	Elodea canadensis	Bidens beckii	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Nuphar variegata	Nymphaea odorata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton gramineus	Potamogeton pusillus	Potamogeton richardsonii	Potamogeton robbinali	Potamogeton vaseyi	Potamogeton zosteriformis	Sagittaria sp. (osette)	Sperganium sp.	Utricularia vulgaris	Vallisneria americana	Wolffia sp.	Zizania palustris	CX_1		
1	46.119558	-89.813328	3	M	P				1																												
2	46.118901	-89.813330	3	M	P				3						1									3	1									1			
3	46.120214	-89.812381	3	M	P				3											1				3													
4	46.119557	-89.812383	3	M	P				1						1	1								3										1			
5	46.118899	-89.812385	3	M	P				1						1	2		V					1	1		1									1		
6	46.120212	-89.811436	3	M	P				1	1					1	1		V						1			V							1			
7	46.118898	-89.811440	4	M	P				3																			V									
8	46.122838	-89.810482	7	S	P				1	1																											
9	46.120867	-89.810489	4	M	P				3	V																	2		2								
10	46.118896	-89.810496	4	M	P				3																	1	1	1						2			
11	46.118239	-89.810498	5	M	P				1	1											V						1						1				
12	46.117582	-89.810500	8	M	P				2	1					2																						
13	46.123494	-89.809535	11	R	P																																
14	46.122837	-89.809537	19	M	P																																
15	46.122180	-89.809540	9	R	P																																
16	46.121523	-89.809542	9	M	P																																
17	46.120866	-89.809544	4	S	P																																
18	46.120209	-89.809546	6	S	P				1																		1	1									
19	46.119552	-89.809549	7	S	P				1	1					1												1										
20	46.118895	-89.809551	8	M	P				3												1						3										
21	46.118238	-89.809553	10	M	P				3																		3										
22	46.117581	-89.809555	10	M	P				3	1																	3	1									
23	46.124149	-89.808588	8	S	P																																
24	46.123492	-89.808590				DEEP																															
25	46.122835	-89.808592				DEEP																															
26	46.122178	-89.808595				DEEP																															
27	46.121521	-89.808597	9	S	P																																
28	46.120864	-89.808599	8	M	P				1																										1		
29	46.120207	-89.808602	7	M	P				1																		1	1						1			
30	46.119550	-89.808604	8	M	P				3																		3										
31	46.118893	-89.808606	9	M	P				3																		3										
32	46.118236	-89.808608	10	M	P				3																		3	1									
33	46.117579	-89.808611	10	M	P				3	1																	1	2									
34	46.124148	-89.807643				DEEP																															
35	46.123491	-89.807645				DEEP																															
36	46.122834	-89.807648				DEEP																															
37	46.122177	-89.807650				DEEP																															
38	46.121520	-89.807652				DEEP																															
39	46.120863	-89.807654				NO INFORMATION																															
40	46.120206	-89.807657	4	S	P																																
41	46.118892	-89.807661	6	M	P				2												V					1	1							1			
42	46.118235	-89.807664	7	M	P				2	2						1											1	1						1			
43	46.124803	-89.806696	6	S	P	DEEP			1						1												1								1		
44	46.124146	-89.806698				DEEP																															
45	46.123489	-89.806700				DEEP																															
46	46.122832	-89.806703				DEEP																															
47	46.122175	-89.806705				DEEP																															
48	46.121518	-89.806707				DEEP																															
49	46.120861	-89.806710				DEEP																															
50	46.120204	-89.806712	4	S					3							1									1			2							3		
51	46.124802	-89.805751	6	S	P				3	1							1										2		1								
52	46.124145	-89.805753				DEEP																															
53	46.123488	-89.805756				DEEP																															
54	46.122830	-89.805758				DEEP																															

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE_ROPE	COMMENTS	NOTES	NUSIANCE	Total Rake Fullness	Potamogeton crispus	Ceratophyllum demersum	Ceratophyllum echinatum	Chara spp.	Elodea canadensis	Bidens beckii	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Nuphar variegata	Nymphaea odorata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton gramineus	Potamogeton pusillus	Potamogeton richardsonii	Potamogeton robbinali	Potamogeton vaseyi	Potamogeton zosteriformis	Sagittaria sp. (rosette)	Sperganium sp.	Utricularia vulgaris	Vallisneria americana	Wolffia sp.	Zizania palustris	CX_1		
55	46.122173	-89.805760				DEEP																															
56	46.121516	-89.805763				DEEP																															
57	46.120859	-89.805765				DEEP																															
58	46.120202	-89.805767	6	S	P				2																												
59	46.119545	-89.805769	4	S	P				1							1																					
60	46.118888	-89.805772	3	S	P				1							1																					
61	46.124800	-89.804806	6	S	P	DEEP			1	V		1				1						1															
62	46.124143	-89.804808				DEEP																															
63	46.123486	-89.804811				DEEP																															
64	46.122829	-89.804813				DEEP																															
65	46.122172	-89.804815				DEEP																															
66	46.121515	-89.804818				DEEP																															
67	46.120858	-89.804820				DEEP																															
68	46.120201	-89.804822				DEEP																															
69	46.119544	-89.804825	7	S	P				1																												
70	46.118887	-89.804827	6	S	P				1						1																						
71	46.118230	-89.804829	5	S	P				1							1																					
72	46.117573	-89.804832	5	S	P				1							1																					
73	46.116916	-89.804834	6	S	P				2						1																						
74	46.116259	-89.804836	7	S	P																																
75	46.115602	-89.804839	7	S	P																																
76	46.125455	-89.803859	6	S	P				2							1																					
77	46.124798	-89.803861	7	S	P				1							1																					
78	46.124141	-89.803864	20	S	R																																
79	46.123484	-89.803866	24			DEEP																															
80	46.122827	-89.803868				DEEP																															
81	46.122170	-89.803871				DEEP																															
82	46.121513	-89.803873				DEEP																															
83	46.120856	-89.803875				DEEP																															
84	46.120199	-89.803878				DEEP																															
85	46.119542	-89.803880				DEEP																															
86	46.118885	-89.803882				DEEP																															
87	46.118228	-89.803885	10	S	P																																
88	46.117571	-89.803887	8	S	P																																
89	46.116914	-89.803889	9	S	P																																
90	46.116257	-89.803892	21			DEEP																															
91	46.115600	-89.803894	20	M	R																																
92	46.114943	-89.803896	17	S	R																																
93	46.125454	-89.802914	7	S	P																																
94	46.124797	-89.802916	8	S	P																																
95	46.124140	-89.802919				DEEP																															
96	46.123483	-89.802921				DEEP																															
97	46.122826	-89.802923				DEEP																															
98	46.122169	-89.802926				DEEP																															
99	46.121512	-89.802928				DEEP																															
100	46.120855	-89.802930				DEEP																															
101	46.120198	-89.802933				DEEP																															
102	46.119541	-89.802935				DEEP																															
103	46.118884	-89.802937				DEEP																															
104	46.118227	-89.802940				DEEP																															
105	46.117570	-89.802942				DEEP																															
106	46.116913	-89.802944				DEEP																															
107	46.116256	-89.802947				DEEP																															
108	46.115599	-89.802949				DEEP																															

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE_ROPE	COMMENTS	NOTES	NUISANCE	Total Rake Fullness	Potamogeton crispus	Ceratophyllum demersum	Ceratophyllum echinatum	Chara spp.	Elodea canadensis	Bidens beckii	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Nuphar variegata	Nymphaea odorata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton gramineus	Potamogeton pusillus	Potamogeton richardsonii	Potamogeton robbinali	Potamogeton vaseyi	Potamogeton zosteriformis	Sagittaria sp. (osette)	Sperganium sp.	Utricularia vulgaris	Vallisneria americana	Wolffia sp.	Zizania palustris	CX_1			
109	46.114942	-89.802951	19	R	R																																	
110	46.125452	-89.801969	7	S	P				1							1																						
111	46.124795	-89.801971	20	M	R																																	
112	46.124138	-89.801974				DEEP																																
113	46.123481	-89.801976				DEEP																																
114	46.122824	-89.801979				DEEP																																
115	46.122167	-89.801981				DEEP																																
116	46.121510	-89.801983				DEEP																																
117	46.120853	-89.801986				DEEP																																
118	46.120196	-89.801988				DEEP																																
119	46.119539	-89.801990				DEEP																																
120	46.118882	-89.801993				DEEP																																
121	46.118225	-89.801995				DEEP																																
122	46.117568	-89.801997				DEEP																																
123	46.116911	-89.802000				DEEP																																
124	46.116254	-89.802002				DEEP																																
125	46.115597	-89.802004				DEEP																																
126	46.114940	-89.802007	19	S	R																																	
127	46.125450	-89.801024	7	S	P																																	
128	46.124793	-89.801027				DEEP																																
129	46.124136	-89.801029				DEEP																																
130	46.123479	-89.801031				DEEP																																
131	46.122822	-89.801034				DEEP																																
132	46.122165	-89.801036				DEEP																																
133	46.121508	-89.801038				DEEP																																
134	46.120851	-89.801041				DEEP																																
135	46.120194	-89.801043				DEEP																																
136	46.119537	-89.801046				DEEP																																
137	46.118880	-89.801048				DEEP																																
138	46.118223	-89.801050				DEEP																																
139	46.117566	-89.801053				DEEP																																
140	46.116909	-89.801055				DEEP																																
141	46.116252	-89.801057				DEEP																																
142	46.115595	-89.801060				DEEP																																
143	46.114938	-89.801062				DEEP																																
144	46.125449	-89.800079	7	S	P																																	
145	46.124792	-89.800082				DEEP																																
146	46.124135	-89.800084				DEEP																																
147	46.123478	-89.800086				DEEP																																
148	46.122821	-89.800089				DEEP																																
149	46.122164	-89.800091				DEEP																																
150	46.121507	-89.800094				DEEP																																
151	46.120850	-89.800096				DEEP																																
152	46.120193	-89.800098				DEEP																																
153	46.119536	-89.800101				DEEP																																
154	46.118879	-89.800103				DEEP																																
155	46.118222	-89.800105				DEEP																																
156	46.117565	-89.800108				DEEP																																
157	46.116908	-89.800110				DEEP																																
158	46.116251	-89.800113				DEEP																																
159	46.115594	-89.800115				DEEP																																
160	46.114937	-89.800117				DEEP																																
161	46.114280	-89.800120	2	R	P																																	
162	46.125447	-89.799134	7	S	P																																	

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE_ROPE	COMMENTS	NOTES	MUSIANCE	Total Rake Fullness	Potamogeton crispus	Ceratophyllum demersum	Ceratophyllum echinatum	Chara spp.	Elodea canadensis	Bidens beckii	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Nuphar variegata	Nymphaea odorata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton gramineus	Potamogeton pusillus	Potamogeton richardsonii	Potamogeton robbinali	Potamogeton vaseyi	Potamogeton zosteriformis	Sagittaria sp. (osette)	Sperganium sp.	Utricularia vulgaris	Vallisneria americana	Wolffia sp.	Zizania palustris	CX_1		
163	46.124790	-89.799137				DEEP																															
164	46.124133	-89.799139				DEEP																															
165	46.123476	-89.799142				DEEP																															
166	46.122819	-89.799144				DEEP																															
167	46.122162	-89.799146				DEEP																															
168	46.121505	-89.799149				DEEP																															
169	46.120848	-89.799151				DEEP																															
170	46.120191	-89.799154				DEEP																															
171	46.119534	-89.799156				DEEP																															
172	46.118877	-89.799158				DEEP																															
173	46.118220	-89.799161				DEEP																															
174	46.117563	-89.799163				DEEP																															
175	46.116906	-89.799165				DEEP																															
176	46.116249	-89.799168				DEEP																															
177	46.115592	-89.799170				DEEP																															
178	46.114935	-89.799173				DEEP																															
179	46.114278	-89.799175				DEEP																															
180	46.113621	-89.799177	1	R	P																																
181	46.125445	-89.798190	7	R	P																																
182	46.124788	-89.798192	20	M	R																																
183	46.124131	-89.798194				DEEP																															
184	46.123474	-89.798197				DEEP																															
185	46.1228174	-89.7981992				DEEP																															
186	46.1221604	-89.7982016				DEEP																															
187	46.1215034	-89.798204				DEEP																															
188	46.1208464	-89.7982064				DEEP																															
189	46.1201894	-89.7982088				DEEP																															
190	46.1195324	-89.7982112				DEEP																															
191	46.1188754	-89.7982135				DEEP																															
192	46.1182184	-89.7982159				DEEP																															
193	46.1175613	-89.7982183				DEEP																															
194	46.1169043	-89.7982207				DEEP																															
195	46.1162473	-89.7982231				DEEP																															
196	46.1155903	-89.7982255				DEEP																															
197	46.1149333	-89.7982279				DEEP																															
198	46.1142763	-89.7982303				DEEP																															
199	46.1136193	-89.7982327				DEEP																															
200	46.1129623	-89.7982351	9	R	P																																
201	46.1254438	-89.7972447	19.5	M	R																																
202	46.1247868	-89.7972471				DEEP																															
203	46.1241297	-89.7972495	16	S	R																																
204	46.1234727	-89.7972519				DEEP																															
205	46.1228157	-89.7972543				DEEP																															
206	46.1221587	-89.7972567				DEEP																															
207	46.1215017	-89.7972591				DEEP																															
208	46.1208447	-89.7972615				DEEP																															
209	46.1201877	-89.797264				DEEP																															
210	46.1195307	-89.7972664				DEEP																															
211	46.1188737	-89.7972688				DEEP																															
212	46.1182167	-89.7972712				DEEP																															
213	46.1175597	-89.7972736				DEEP																															
214	46.1169027	-89.797276				DEEP																															
215	46.1162457	-89.7972784				DEEP																															
216	46.1155887	-89.7972808				DEEP																															

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE_ROPE	COMMENTS	NOTES	MUSIANCE	Total Rake Fullness	Potamogeton crispus	Ceratophyllum demersum	Ceratophyllum echinatum	Chara spp.	Elodea canadensis	Bidens beckii	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Nuphar variegata	Nymphaea odorata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton gramineus	Potamogeton pusillus	Potamogeton richardsonii	Potamogeton robbinali	Potamogeton vaseyi	Potamogeton zosteriformis	Sagittaria sp. (rosette)	Sperganium sp.	Utricularia vulgaris	Vallisneria americana	Wolffia sp.	Zizania palustris	CX_1		
217	46.1149316	-89.7972832				DEEP																															
218	46.1142746	-89.7972856				DEEP																															
219	46.1136176	-89.797288				DEEP																															
220	46.1129606	-89.7972905				DEEP																															
221	46.1123036	-89.7972929	1	R	P																																
222	46.1254421	-89.7962998	11	S	P																																
223	46.1247851	-89.7963022				DEEP																															
224	46.1241281	-89.7963046	12	S	P																																
225	46.1234711	-89.796307				DEEP																															
226	46.1228141	-89.7963095				DEEP																															
227	46.122157	-89.7963119				DEEP																															
228	46.1215	-89.7963143				DEEP																															
229	46.120843	-89.7963167				DEEP																															
230	46.120186	-89.7963192	6	R	P																																
231	46.119529	-89.7963216				DEEP																															
232	46.118872	-89.796324				DEEP																															
233	46.118215	-89.7963264				DEEP																															
234	46.117558	-89.7963288				DEEP																															
235	46.116901	-89.7963313				DEEP																															
236	46.116244	-89.7963337				DEEP																															
237	46.115587	-89.7963361				DEEP																															
238	46.11493	-89.7963385				DEEP																															
239	46.114273	-89.7963409				DEEP																															
240	46.1136159	-89.7963434				DEEP																															
241	46.1129589	-89.7963458				DEEP																															
242	46.1123019	-89.7963482	18	M	R																																
243	46.1096739	-89.7963579	3	R	P																																
244	46.1254404	-89.7953549	12	S	P																																
245	46.1247834	-89.7953573	19	S	R																																
246	46.1241264	-89.7953598				DEEP																															
247	46.1234694	-89.7953622				DEEP																															
248	46.1228124	-89.7953646	13	R	P																																
249	46.1221554	-89.7953671				DEEP																															
250	46.1214983	-89.7953695	11	R	P																																
251	46.1208413	-89.7953719				DEEP																															
252	46.1195273	-89.7953768	19	S	R																																
253	46.1188703	-89.7953792				DEEP																															
254	46.1182133	-89.7953816				DEEP																															
255	46.1175563	-89.7953841				DEEP																															
256	46.1168993	-89.7953865				DEEP																															
257	46.1162423	-89.7953889				DEEP																															
258	46.1155853	-89.7953914				DEEP																															
259	46.1149283	-89.7953938				DEEP																															
260	46.1142713	-89.7953962				DEEP																															
261	46.1136143	-89.7953987				DEEP																															
262	46.1129573	-89.7954011				DEEP																															
263	46.1123002	-89.7954035	20	M	R																																
264	46.1103292	-89.7954108	12.5	S	P																																
265	46.1254387	-89.79441	18.5	M	P																																
266	46.1247817	-89.7944124				DEEP																															
267	46.1241247	-89.7944149				DEEP																															
268	46.1234677	-89.7944173				DEEP																															
269	46.1228107	-89.7944198	20	R	R																																
270	46.1221537	-89.7944222				DEEP																															

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE_POPE	COMMENTS	NOTES	NUISANCE	Total Rake Fullness	Potamogeton crispus	Ceratophyllum demersum	Ceratophyllum echinatum	Chara spp.	Etiopia canadensis	Bidens beckii	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Nuphar variegata	Nymphaea odorata	Potamogeton amplifolius	Potamogeton foliaceus	Potamogeton gramineus	Potamogeton pusillus	Potamogeton richardsonii	Potamogeton robbinali	Potamogeton vaseyi	Potamogeton zosteriformis	Sagittaria sp. (osette)	Sperganium sp.	Utricularia vulgaris	Vallisneria americana	Wolffia sp.	Zizania palustris	CX_1			
271	46.1214967	-89.7944247				DEEP																																
272	46.1208396	-89.7944271	20	M	R																																	
273	46.1201826	-89.7944295	9.5	R	P																																	
274	46.1195256	-89.794432	19	M	R																																	
275	46.1188686	-89.7944344	8	R	P																																	
276	46.1182116	-89.7944369				DEEP																																
277	46.1175546	-89.7944393				DEEP																																
278	46.1168976	-89.7944418				DEEP																																
279	46.1162406	-89.7944442				DEEP																																
280	46.1155836	-89.7944467				DEEP																																
281	46.1149266	-89.7944491				DEEP																																
282	46.1142696	-89.7944515				DEEP																																
283	46.1136126	-89.794454				DEEP																																
284	46.1129556	-89.7944564				DEEP																																
285	46.1122986	-89.7944589	17	R	R																																	
286	46.1116415	-89.7944613	18	S	R																																	
287	46.1109845	-89.7944637	15	M	P																																	
288	46.1103275	-89.7944662	13.5	M	P																																	
289	46.125437	-89.7934651	19	M	R																																	
290	46.12478	-89.7934676				DEEP																																
291	46.124123	-89.79347				DEEP																																
292	46.123466	-89.7934725				DEEP																																
293	46.122809	-89.7934749	17	M	R																																	
294	46.122152	-89.7934774	17	M	R																																	
295	46.121495	-89.7934798	20	M	R																																	
296	46.1208379	-89.7934823	19	M	R																																	
297	46.1201809	-89.7934847	13	M	P																																	
298	46.1195239	-89.7934872	16.5	R	R																																	
299	46.1188669	-89.7934897	18	S	R																																	
300	46.1182099	-89.7934921				DEEP																																
301	46.1175529	-89.7934946				DEEP																																
302	46.1168959	-89.793497				DEEP																																
303	46.1162389	-89.7934995				DEEP																																
304	46.1155819	-89.7935019				DEEP																																
305	46.1149249	-89.7935044				DEEP																																
306	46.1142679	-89.7935068				DEEP																																
307	46.1136109	-89.7935093				DEEP																																
308	46.1129539	-89.7935117	20	M	R																																	
309	46.1122968	-89.7935142	14.5	R	P																																	
310	46.1116398	-89.7935167	18	M	R																																	
311	46.1109828	-89.7935191	16	M	R																																	
312	46.1103258	-89.7935216	14.5	M	P																																	
313	46.1096688	-89.793524	5	R	P																																	
314	46.1254353	-89.7925202	13.5	S	P																																	
315	46.1247783	-89.7925227	20	M	R																																	
316	46.1241213	-89.7925252	20	M	R																																	
317	46.1234643	-89.7925276	20	M	R																																	
318	46.1228073	-89.7925301	19	M	R																																	
319	46.1221502	-89.7925326	19	M	R																																	
320	46.1214932	-89.792535	16.5	S	R																																	
321	46.1208362	-89.7925375	20	M	R																																	
322	46.1201792	-89.7925399	19	S	R																																	
323	46.1195222	-89.7925424	5.5	R	P																																	
324	46.1188652	-89.7925449	14	S	P																																	

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE_POPE	COMMENTS	NOTES	NUISANCE	Total Rake Fullness	Potamogeton crispus	Ceratophyllum demersum	Ceratophyllum echinatum	Chara spp.	Elodea canadensis	Bidens beckii	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Nuphar variegata	Nymphaea odorata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton gramineus	Potamogeton pusillus	Potamogeton richardsonii	Potamogeton robbinali	Potamogeton vaseyi	Potamogeton zosteriformis	Sagittaria sp. (rosette)	Sperganium sp.	Utricularia vulgaris	Vallisneria americana	Wolffia sp.	Zizania palustris	CX_1			
325	46.1182082	-89.7925473				DEEP																																
326	46.1175512	-89.7925498				DEEP																																
327	46.1168942	-89.7925523				DEEP																																
328	46.1162372	-89.7925547				DEEP																																
329	46.1155802	-89.7925572				DEEP																																
330	46.1149232	-89.7925597				DEEP																																
331	46.1142662	-89.7925621				DEEP																																
332	46.1136092	-89.7925646	20.5	M	R																																	
333	46.1129521	-89.7925671	19	M	R																																	
334	46.1122951	-89.7925695	18	M	R																																	
335	46.1116381	-89.792572	5	R	P																																	
336	46.1109811	-89.7925745	16.5	M	P																																	
337	46.1103241	-89.7925769	16	M	P																																	
338	46.1096671	-89.7925794	14.5	M	P																																	
339	46.1260906	-89.7915729	7	S	P																																	
340	46.1254336	-89.7915753	18.8	M	R																																	
341	46.1247766	-89.7915778	19	M	R																																	
342	46.1241195	-89.7915803	19	M	R																																	
343	46.1234625	-89.7915828	19	M	R																																	
344	46.1228055	-89.7915852	18	M	R																																	
345	46.1221485	-89.7915877	18	M	R																																	
346	46.1214915	-89.7915902	12	R	P																																	
347	46.1201775	-89.7915951	7	R	P																																	
348	46.1195205	-89.7915976	17.5	S	R																																	
349	46.1188635	-89.7916001				DEEP																																
350	46.1182065	-89.7916026				DEEP																																
351	46.1175495	-89.7916051				DEEP																																
352	46.1168925	-89.7916075				DEEP																																
353	46.1162355	-89.79161				DEEP																																
354	46.1155785	-89.7916125				DEEP																																
355	46.1149215	-89.791615				DEEP																																
356	46.1142644	-89.7916174				DEEP																																
357	46.1136074	-89.7916199				DEEP																																
358	46.1129504	-89.7916224	20	M	R																																	
359	46.1122934	-89.7916249				DEEP																																
360	46.1116364	-89.7916273	6	R	P																																	
361	46.1109794	-89.7916298	14.5	M	P																																	
362	46.1103224	-89.7916323	16	M	P																																	
363	46.1096654	-89.7916348	14.5	M	P																																	
364	46.1260888	-89.790628	16.1	S	R																																	
365	46.1254318	-89.7906304	17.7	M	R																																	
366	46.1247748	-89.7906329	17.6	M	R																																	
367	46.1241178	-89.7906354	17	M	R																																	
368	46.1234608	-89.7906379	17.2	R	R																																	
369	46.1228038	-89.7906404	7	R	P																																	
370	46.1221468	-89.7906429	6	R	P																																	
371	46.1214898	-89.7906454	11	R	P																																	
372	46.1208328	-89.7906479	15	S	P																																	
373	46.1201758	-89.7906503	16.4	M	R																																	
374	46.1195188	-89.7906528	16.8	S	R																																	
375	46.1188618	-89.7906553	12.4	M	R																																	
376	46.1182048	-89.7906578				DEEP																																
377	46.1175478	-89.7906603				DEEP																																
378	46.1168907	-89.7906628				DEEP																																

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE_POPE	COMMENTS	NOTES	NUISANCE	Total Rake Fullness	Potamogeton crispus	Ceratophyllum demersum	Ceratophyllum echinatum	Chara spp.	Elodea canadensis	Bidens beckii	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Nuphar variegata	Nymphaea odorata	Potamogeton amplifolius	Potamogeton foliaceus	Potamogeton gramineus	Potamogeton pusillus	Potamogeton richardsonii	Potamogeton robbinali	Potamogeton vaseyi	Potamogeton zosteriformis	Sagittaria sp. (osette)	Sperganium sp.	Utricularia vulgaris	Vallisneria americana	Wolffia sp.	Zizania palustris	CX_1		
379	46.1162337	-89.7906653				DEEP																															
380	46.1155767	-89.7906678				DEEP																															
381	46.1149197	-89.7906703				DEEP																															
382	46.1142627	-89.7906727				DEEP																															
383	46.1136057	-89.7906752				DEEP																															
384	46.1129487	-89.7906777	18.9	M	R																																
385	46.1122917	-89.7906802	19.1	M	R																																
386	46.1116347	-89.7906827	16	M	R																																
387	46.1109777	-89.7906852	15.5	M	P																																
388	46.1103207	-89.7906877	15.5	M	P																																
389	46.1096637	-89.7906902	14	M	P																																
390	46.1260871	-89.789683	15	S	P																																
391	46.1254301	-89.7896855	16.9	M	R																																
392	46.1247731	-89.789688	16.4	M	R																																
393	46.1241161	-89.7896905	15.5	M	P																																
394	46.1234591	-89.789693	11.5	R	P																																
395	46.1228021	-89.7896955	4.5	S	P																																
396	46.1214881	-89.7897005				NONNAVIGABLE																															
397	46.1208311	-89.789703	13	R	P																																
398	46.120174	-89.7897055	16	M	P																																
399	46.119517	-89.789708	7	R	P																																
400	46.11886	-89.7897105	11	M	P																																
401	46.118203	-89.789713	10.5	S	P																																
402	46.117546	-89.7897155	12	S	P																																
403	46.116889	-89.789718	20.9	S	R																																
404	46.116232	-89.7897205	11.5	S	P																																
405	46.115575	-89.789723	20.5	M	R																																
406	46.114918	-89.7897255	21.6	M	R																																
407	46.114261	-89.789728	18.1	M	R																																
408	46.113604	-89.7897305	18.2	M	R																																
409	46.112947	-89.789733	17	R	P																																
410	46.11229	-89.7897355	16.8	M	R																																
411	46.111633	-89.789738	16.7	M	R																																
412	46.1109759	-89.7897405	19.9	M	R																																
413	46.1103189	-89.789743	15	M	P																																
414	46.1096619	-89.7897455	14	M	P																																
415	46.1260854	-89.7887381	6.5	S	P																																
416	46.1254284	-89.7887407	10	S	P																																
417	46.1247714	-89.7887432	14	M	P																																
418	46.1241143	-89.7887457	14	M	P																																
419	46.1234573	-89.7887482	11.5	S	P																																
420	46.1221433	-89.7887532	2.3	M	P				1																	V		1		1							
421	46.1208293	-89.7887582	6.5	R	P				1																												1
422	46.1201723	-89.7887607	4	R	P																																
423	46.1188583	-89.7887658	3.5	S	P																																
424	46.1182013	-89.7887683	4	S	P																																
425	46.1175443	-89.7887708	4	S	P																																
426	46.1168873	-89.7887733	6.5	S	P																																
427	46.1162303	-89.7887758	6.5	S	P																																
428	46.1155733	-89.7887783	6	S	P																																
429	46.1149162	-89.7887808	6.5	S	P																																
430	46.1142592	-89.7887833	7	S	P																																
431	46.1136022	-89.7887859	6	S	P																																
432	46.1129452	-89.7887884	8.5	S	P																																

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE_POPE	COMMENTS	NOTES	NUISANCE	Total Rake Fullness	Potamogeton crispus	Ceratophyllum demersum	Ceratophyllum echinatum	Chara spp.	Etiopia canadensis	Bidens beckii	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Nuphar variegata	Nymphaea odorata	Potamogeton amplifolius	Potamogeton foliaceus	Potamogeton gramineus	Potamogeton pusillus	Potamogeton richardsonii	Potamogeton robbinali	Potamogeton vaseyi	Potamogeton zosteriformis	Sagittaria sp. (rosette)	Sperganium sp.	Utricularia vulgaris	Vallisneria americana	Wolffia sp.	Zizania palustris	CX_1		
433	46.1122882	-89.7887909	16.8	M	R																																
434	46.1116312	-89.7887934	15.5	M	P																																
435	46.1109742	-89.7887959	15.5	M	P																																
436	46.1103172	-89.7887984	15.5	M	P																																
437	46.1096602	-89.7888009	14	M	P																																
438	46.1090032	-89.7888034	11	M	P																																
439	46.1267406	-89.7877907	4	S	P																																
440	46.1260836	-89.7877932	6.5	S	P																																
441	46.1254266	-89.7877958	9	S	P																																
442	46.1247696	-89.7877983	12.5	M	P																																
443	46.1241126	-89.7878008	11.5	M	P																																
444	46.1234556	-89.7878033	9	S	P																																
445	46.1227986	-89.7878059				NONNAVIGABLE																															
446	46.1195135	-89.7878185	3	M	P																																
447	46.1149145	-89.7878361	2	S	P																																
448	46.1142575	-89.7878386	4	S	P																																
449	46.1136005	-89.7878412	6	S	P																																
450	46.1129435	-89.7878437	14	M	P																																
451	46.1122865	-89.7878462	15	M	P																																
452	46.1116295	-89.7878487	15	M	P																																
453	46.1109725	-89.7878512	15	M	P																																
454	46.1103154	-89.7878538	15	M	P																																
455	46.1096584	-89.7878563	13	M	P																																
456	46.1090014	-89.7878588	11	M	P																																
457	46.1273959	-89.7868433	3	S	P																																
458	46.1267389	-89.7868458	6	S	P																																
459	46.1260819	-89.7868483	7	M	P																																
460	46.1254248	-89.7868509	11.5	M	P																																
461	46.1247678	-89.7868534	11.5	M	P																																
462	46.1241108	-89.7868559	5	S	P																																
463	46.1142557	-89.7868939	8.5	S	P																																
464	46.1135987	-89.7868965	11.5	M	P																																
465	46.1129417	-89.786899	13	M	P																																
466	46.1122847	-89.7869015	14	M	P																																
467	46.1116277	-89.7869041	14	M	P																																
468	46.1109707	-89.7869066	14	M	P																																
469	46.1103137	-89.7869091	14	M	P																																
470	46.1096567	-89.7869117	13	M	P																																
471	46.1089997	-89.7869142	11	M	P																																
472	46.1273941	-89.7858984	8.5	S	P																																
473	46.1267371	-89.7859009	9	S	P																																
474	46.1260801	-89.7859034	9	M	P																																
475	46.1254231	-89.785906	9	S	P																																
476	46.1247661	-89.7859085	8.5	S	P																																
477	46.114254	-89.7859492	8.5	S	P																																
478	46.113597	-89.7859518	12.5	M	P																																
479	46.11294	-89.7859543	13	M	P																																
480	46.1122829	-89.7859569	13	M	P																																
481	46.1116259	-89.7859594	13	M	P																																
482	46.1109689	-89.785962	13	M	P																																
483	46.1103119	-89.7859645	13	M	P																																
484	46.1096549	-89.785967	12	M	P																																
485	46.1089979	-89.7859696	9.5	M	P																																
486	46.1083409	-89.7859721	4	S	P																																

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE_POPE	COMMENTS	NOTES	MUSIANCE	Total Rake Fullness	Potamogeton crispus	Ceratophyllum demersum	Ceratophyllum echinatum	Chara spp.	Elodea canadensis	Bidens beckii	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Nuphar variegata	Nymphaea odorata	Potamogeton amplifolius	Potamogeton foliaceus	Potamogeton gramineus	Potamogeton pusillus	Potamogeton richardsonii	Potamogeton robbinali	Potamogeton vaseyi	Potamogeton zosteriformis	Sagittaria sp. (osette)	Sperganium sp.	Utricularia vulgaris	Vallisneria americana	Wolffia sp.	Zizania palustris	CX_1		
487	46.1076839	-89.7859747	3.5	M	P				2					N																							
488	46.1273923	-89.7849534	7.5	S	P																																
489	46.1267353	-89.784956	9	M	P																																
490	46.1260783	-89.7849585	5	S	P																																
491	46.1142522	-89.7850045	6.5	S	P																																
492	46.1135952	-89.7850071	11	M	P																																
493	46.1129382	-89.7850097	12	M	P																																
494	46.1122812	-89.7850122	12.5	M	P																																
495	46.1116242	-89.7850148	12.5	M	P																																
496	46.1109672	-89.7850173	12.5	M	P																																
497	46.1103102	-89.7850199	12	M	P																																
498	46.1096531	-89.7850224	11	M	P																																
499	46.1089961	-89.785025	10	M	P																																
500	46.1083391	-89.7850275	5	S	P																																
501	46.1076821	-89.7850301	2.75	S	P																																
502	46.1273905	-89.7840085	3.5	S	P																																
503	46.1142504	-89.7840598	7	M	P																																
504	46.1135934	-89.7840624	11	M	P																																
505	46.1129364	-89.784065	11	M	P																																
506	46.1122794	-89.7840675	11	M	P																																
507	46.1116224	-89.7840701	12	M	P																																
508	46.1109654	-89.7840727	11	M	P																																
509	46.1103084	-89.7840752	11	M	P																																
510	46.1096514	-89.7840778	10	R	P																																
511	46.1089944	-89.7840804	9	M	P																																
512	46.1083373	-89.7840829	6	R	P																																
513	46.1076803	-89.7840855	5	S	P																																
514	46.1149056	-89.7831126	1	S	P																																
515	46.1142486	-89.7831152	9	M	P																																
516	46.1135916	-89.7831177	10	M	P																																
517	46.1129346	-89.7831203	11	M	P																																
518	46.1122776	-89.7831229	11	M	P																																
519	46.1116206	-89.7831255	11	M	P																																
520	46.1109636	-89.783128	10	S	P																																
521	46.1103066	-89.7831306	10	M	P																																
522	46.1096496	-89.7831332	10	M	P																																
523	46.1089926	-89.7831358	10	M	P																																
524	46.1149038	-89.7821679	6	S	P																																
525	46.1142468	-89.7821705	8	M	P																																
526	46.1135898	-89.782173	9	M	P																																
527	46.1129328	-89.7821756	10	M	P																																
528	46.1122758	-89.7821782	10	M	P																																
529	46.1116188	-89.7821808	10	M	P																																
530	46.1109618	-89.7821834	10	M	P																																
531	46.1103048	-89.782186	10	M	P																																
532	46.1096478	-89.7821886	10	M	P																																
533	46.1089908	-89.7821912	9	M	P																																
534	46.1083338	-89.7821937	8	M	P																																
535	46.1076768	-89.7821963	3	R	P																																
536	46.115559	-89.7812206	5	S	P																																
537	46.114902	-89.7812232	6	R	P																																
538	46.114245	-89.7812258	8	M	P																																
539	46.113588	-89.7812284	9	M	P																																
540	46.112931	-89.781231	9	M	P																																

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE_POPE	COMMENTS	NOTES	NUISANCE	Total Rake Fullness	Potamogeton crispus	Ceratophyllum demersum	Ceratophyllum echinatum	Chara spp.	Etiopia canadensis	Bidens beckii	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Nuphar variegata	Nymphaea odorata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton gramineus	Potamogeton pusillus	Potamogeton richardsonii	Potamogeton robbinali	Potamogeton vaseyi	Potamogeton zosteriformis	Sagittaria sp. (osette)	Sparganium sp.	Utricularia vulgaris	Vallisneria americana	Wolffia sp.	Zizania palustris	CX_1		
541	46.112274	-89.7812336	9	M	P																																
542	46.111617	-89.7812362	9	M	P																																
543	46.11096	-89.7812388	9.5	M	P																																
544	46.110303	-89.7812414	9	M	P																																
545	46.109646	-89.781244	10	M	P																																
546	46.108989	-89.7812465	9	M	P																																
547	46.108332	-89.7812491	9	M	P																																
548	46.107675	-89.7812517	7	M	P																																
549	46.1168712	-89.7802706				NONNAVIGABLE																															
550	46.1162142	-89.7802732				NONNAVIGABLE																															
551	46.1155572	-89.7802758	3	M	P																																
552	46.1135862	-89.7802837	5	R	P																																
553	46.1129292	-89.7802863	8	M	P																																
554	46.1122722	-89.7802889	9	M	P																																
555	46.1116152	-89.7802915	9	M	P																																
556	46.1109582	-89.7802941	9	M	P																																
557	46.1103012	-89.7802967	9	M	P																																
558	46.1096442	-89.7802993	9	M	P																																
559	46.1089872	-89.7803019	9	M	P																																
560	46.1083301	-89.7803046	8	M	P																																
561	46.1076731	-89.7803072	8	M	P																																
562	46.1155554	-89.7793311				NONNAVIGABLE																															
563	46.1148984	-89.7793337				NONNAVIGABLE																															
564	46.1122704	-89.7793442	6	R	P																																
565	46.1116134	-89.7793468	5	R	P																																
566	46.1109564	-89.7793495	9	M	P																																
567	46.1102994	-89.7793521	9	M	P																																
568	46.1096423	-89.7793547	9	M	P																																
569	46.1089853	-89.7793573	9	M	P																																
570	46.1083283	-89.77936	8	M	P																																
571	46.1142396	-89.7783917				NONNAVIGABLE																															
572	46.1116115	-89.7784022	8	M	P																																
573	46.1109545	-89.7784048	8	M	P																																
574	46.1102975	-89.7784075	8	M	P																																
575	46.1096405	-89.7784101	8	M	P																																
576	46.1089835	-89.7784127	8	R	P																																
577	46.1083265	-89.7784154	2	R	P																																
578	46.1076695	-89.778418	3	M	P																																
579	46.1142377	-89.777447				NONNAVIGABLE																															
580	46.1122667	-89.7774549				NONNAVIGABLE																															
581	46.1116097	-89.7774575		S	P	CANT READ																															
582	46.1109527	-89.7774602	2	R	P																																
583	46.1102957	-89.7774628	8	M	P																																
584	46.1096387	-89.7774655	8	M	P																																
585	46.1089817	-89.7774681	7	M	P																																
586	46.1083247	-89.7774708	8	M	P																																
587	46.1076677	-89.7774734	4	M	P																																
588	46.1070106	-89.777476	3	M	P												V																				
589	46.1155499	-89.776497				NONNAVIGABLE																															
590	46.1129219	-89.7765076				NONNAVIGABLE																															
591	46.1122649	-89.7765102				NONNAVIGABLE																															
592	46.1116079	-89.7765129				NONNAVIGABLE																															
593	46.1096368	-89.7765209	6	S	P																																
594	46.1089798	-89.7765235	7.5	M	P																																

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE_POPE	COMMENTS	NOTES	NUSIANCE	Total Rake Fullness	Potamogeton crispus	Ceratophyllum demersum	Ceratophyllum echinatum	Chara spp.	Etiopia canadensis	Bidens beckii	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Nuphar variegata	Nymphaea odorata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton gramineus	Potamogeton pusillus	Potamogeton richardsonii	Potamogeton robbinali	Potamogeton vaseyi	Potamogeton zosteriformis	Sagittaria sp. (osette)	Sperganium sp.	Utricularia vulgaris	Vallisneria americana	Wolffia sp.	Zizania palustris	CX_1		
595	46.1083228	-89.7765262	7	M	P																																
596	46.1076658	-89.7765288	5	M	P																																
597	46.1070088	-89.7765315	3	M	P																																
598	46.1063518	-89.7765341	3	M	P				3		1															V						1			3		
599	46.11292	-89.7755629				NONNAVIGABLE																															
600	46.112263	-89.7755656				NONNAVIGABLE																															
601	46.111606	-89.7755682				NONNAVIGABLE																															
602	46.108321	-89.7755816	6	M	P																																
603	46.107664	-89.7755842	5.5	M	P																																
604	46.107007	-89.7755869	3	M	P																																
605	46.1063499	-89.7755896				NONNAVIGABLE																															
606	46.1050359	-89.7755949				NONNAVIGABLE																															
607	46.1122612	-89.7746209				NONNAVIGABLE																															
608	46.1116042	-89.7746236				NONNAVIGABLE																															
609	46.1109471	-89.7746263				NONNAVIGABLE																															
610	46.1089761	-89.7746343	6.5	M	P																																
611	46.1083191	-89.774637	6	M	P																																
612	46.1076621	-89.7746396	6	M	P																																
613	46.1070051	-89.7746423	3	M	P																																
614	46.1063481	-89.774645				NONNAVIGABLE																															
615	46.1056911	-89.7746477				NONNAVIGABLE																															
616	46.1050341	-89.7746504				NONNAVIGABLE																															
617	46.1116023	-89.7736789				NONNAVIGABLE																															
618	46.1109453	-89.7736816				NONNAVIGABLE																															
619	46.1102883	-89.7736843				NONNAVIGABLE																															
620	46.1096313	-89.773687			P	CANT READ																															
621	46.1089743	-89.7736897	6.5	M	P																																
622	46.1083172	-89.7736924	5	M	P																																
623	46.1076602	-89.7736951	2.5	R	P																																
624	46.1070032	-89.7736976				NONNAVIGABLE																															
625	46.1056892	-89.7737031				NONNAVIGABLE																															
626	46.1116004	-89.7727343				NONNAVIGABLE																															
627	46.1109434	-89.772737				NONNAVIGABLE																															
628	46.1102864	-89.7727397				NONNAVIGABLE																															
629	46.1096294	-89.7727424	5	M	P				3					1																						3	
630	46.1089724	-89.7727451	5	M	P				3																											3	
631	46.1083154	-89.7727478	6	M	P																																
632	46.1076584	-89.7727505	6	M	P																																
633	46.1070014	-89.7727532	5	M	P																																
634	46.1063444	-89.7727559	3.5	M	P				1																												1
635	46.1056873	-89.7727586				NONNAVIGABLE																															
636	46.1096275	-89.7717978	5	M	P				3		1																										2
637	46.1089705	-89.7718005	6	M	P				3												1															3	
638	46.1083135	-89.7718032	5	M	P				3		1						1																				3
639	46.1076565	-89.7718059	5	M	P				3			1																									3
640	46.1069995	-89.7718086	5	M	P				1													1															
641	46.1063425	-89.7718113	4.75	M	P																																
642	46.1056855	-89.771814	3.5	M	P																																
643	46.1050285	-89.7718167				NONNAVIGABLE																															
644	46.1096256	-89.7708531	3	M	P				3												V															3	
645	46.1089686	-89.7708559	4	M	P				1					1																							1
646	46.1083116	-89.7708586	6	M	P				3		1								1																		3
647	46.1076546	-89.7708613	5	M	P				3																												3
648	46.1069976	-89.770864	4	M	P																																

Point Number	LATITUDE	LONGITUDE	DEPTH	SEDIMENT	POLE_ROPE	COMMENTS	NOTES	NUSSANCE	Total Rake Fullness	Potamogeton crispus	Ceratophyllum demersum	Ceratophyllum echinatum	Chara spp.	Efodea canadensis	Bidens beckii	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Nuphar variegata	Nymphaea odorata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton gramineus	Potamogeton pusillus	Potamogeton richardsonii	Potamogeton robbinsii	Potamogeton vaseyi	Potamogeton zosteriformis	Sagittaria sp. (rosette)	Sparganium sp.	Utricularia vulgaris	Vallisneria americana	Wolffia sp.	Zizania palustris	CX_1				
649	46.1063406	-89.7708668	5	M	P																																		
650	46.1056836	-89.7708695	5.5	M	P																																		
651	46.1050266	-89.7708722	4	S	P																																		
652	46.1076527	-89.7699167	4	M	P				3							V																				3			
653	46.1069957	-89.7699195	4	M	P				1																														
654	46.1063387	-89.7699222	4	M	P				1							1																							
655	46.1056817	-89.7699249	3	M	P				3																														

Point Number	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	D	Site Name	County	Date	Field Crew	Point Number	Depth (ft)	Bottom	Notes	Comments	Algae	Non-Algae	Phytoplankton	Protozoa	Metazoa	Other	
171	46.06167623	-89.79822556	0	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	171	12	Muck	Pole	SAMPLED							
172	46.06127222	-89.79852405	136	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	172	0			TERRESTRIAL							
173	46.06881198	-89.79770783	3	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	173	7	Rock	Pole	SAMPLED							
174	46.06826297	-89.79770984	4	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	174	18	Rope	Pole	SAMPLED							
175	46.06771396	-89.79771184	5	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	175	22			DEEP							
176	46.06716495	-89.79771385	0	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	176	0			DEEP							
177	46.06661594	-89.79771585	0	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	177	0			DEEP							
178	46.06606693	-89.79771786	0	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	178	0			DEEP							
179	46.06551792	-89.79771987	0	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	179	0			DEEP							
180	46.06496890	-89.79772187	0	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	180	0			DEEP							
181	46.06441989	-89.79772388	0	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	181	0			DEEP							
182	46.06387098	-89.79772588	0	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	182	0			DEEP							
183	46.06332187	-89.79772789	0	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	183	0			DEEP							
184	46.06277286	-89.79772989	0	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	184	0			DEEP							
185	46.06222385	-89.79773190	139	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	185	0			DEEP							
186	46.06167483	-89.79773390	138	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	186	0			DEEP							
187	46.06112582	-89.79773591	137	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	187	13	Muck	Pole	SAMPLED	0						
188	46.06057681	-89.79691704	10	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	188	3	Rock	Pole	SAMPLED	0						
189	46.06002780	-89.79691907	9	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	189	6	Rock	Pole	SAMPLED	1						
190	46.05947879	-89.79692109	8	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	190	13	Rope	Pole	SAMPLED	0						
191	46.05892978	-89.79692310	7	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	191	21			DEEP							
192	46.05838077	-89.79692511	0	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	192	0			DEEP							
193	46.05783176	-89.79692713	0	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	193	0			DEEP							
194	46.05728275	-89.79692914	0	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	194	0			DEEP							
195	46.05673374	-89.79693115	0	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	195	0			DEEP							
196	46.05618473	-89.79693317	0	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	196	0			DEEP							
197	46.05563572	-89.79693518	0	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	197	0			DEEP							
198	46.05508671	-89.79693719	0	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	198	0			DEEP							
199	46.05453770	-89.79693921	0	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	199	0			DEEP							
200	46.05398869	-89.79694122	0	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	200	0			DEEP							
201	46.05343968	-89.79694323	0	Wild Rice Lake	Vilas	7/29/2014	E.H. & SDF	201	0			DEEP							
202	46.05289067	-89.79694524	140	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	202	16			DEEP							
203	46.05234166	-89.79694726	141	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	203	13	Muck	Pole	SAMPLED	0						
204	46.05179265	-89.79694927	142	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	204	4	Sand	Pole	SAMPLED	1						
205	46.05124364	-89.79695128	143	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	205	7	Rock	Pole	SAMPLED	1						
206	46.05069463	-89.79695329	144	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	206	17	Rope	Pole	SAMPLED	0						
207	46.05014562	-89.79695530	145	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	207	21			DEEP							
208	46.04959661	-89.79695731	146	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	208	0			DEEP							
209	46.04904760	-89.79695932	147	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	209	0			DEEP							
210	46.04849859	-89.79696133	148	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	210	0			DEEP							
211	46.04794958	-89.79696334	149	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	211	0			DEEP							
212	46.04739957	-89.79696535	150	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	212	0			DEEP							
213	46.04685056	-89.79696736	151	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	213	0			DEEP							
214	46.04630155	-89.79696937	152	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	214	0			DEEP							
215	46.04575254	-89.79697138	153	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	215	0			DEEP							
216	46.04520353	-89.79697339	154	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	216	0			DEEP							
217	46.04465452	-89.79697540	155	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	217	0			DEEP							
218	46.04410551	-89.79697741	156	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	218	0			DEEP							
219	46.04355650	-89.79697942	157	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	219	13	Muck	Pole	SAMPLED	0						
220	46.04300749	-89.79698143	158	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	220	4	Rock	Pole	SAMPLED	0						
221	46.04245848	-89.79698344	159	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	221	4	Sand	Pole	SAMPLED	1						
222	46.04190947	-89.79698545	160	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	222	7	Rock	Pole	SAMPLED	1						
223	46.04136046	-89.79698746	161	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	223	17	Rope	Pole	SAMPLED	0						
224	46.04081145	-89.79698947	162	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	224	21			DEEP							
225	46.04026244	-89.79699148	163	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	225	0			DEEP							
226	46.03971343	-89.79699349	164	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	226	0			DEEP							
227	46.03916442	-89.79699550	165	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	227	0			DEEP							
228	46.03861541	-89.79699751	166	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	228	0			DEEP							
229	46.03806640	-89.79699952	167	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	229	0			DEEP							
230	46.03751739	-89.79700153	168	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	230	0			DEEP							
231	46.03696838	-89.79700354	169	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	231	0			DEEP							
232	46.03641937	-89.79700555	170	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	232	0			DEEP							
233	46.03587036	-89.79700756	171	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	233	0			DEEP							
234	46.03532135	-89.79700957	172	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	234	0			DEEP							
235	46.03477234	-89.79701158	173	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	235	0			DEEP							
236	46.03422333	-89.79701359	174	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	236	12	Muck	Pole	SAMPLED	0						
237	46.03367432	-89.79701560	175	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	237	8	Muck	Pole	SAMPLED	1						
238	46.03312531	-89.79701761	176	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	238	9	Sand	Pole	SAMPLED	0						
239	46.03257630	-89.79701962	177	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	239	17	Rope	Pole	SAMPLED	0						
240	46.03202729	-89.79702163	178	Wild Rice Lake	Vilas	7/29/2014	EEH & JLV	240	19	Rope	Pole	SAMPLED	0						

Point Number	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	ID	Lake Name	County	Date	Field Crew	Point Number	Depth (ft)	Sediment	Pole/Rope	Comments	Notes	Nuisance	Total Rake Fullness	Bidens beckii	Ceratophyllum demersum	Chara spp.	Eleocharis acicularis	Eleocharis canadensis	Isocetes spp.	Juncus peltocarpus	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Potamogeton amplifolius	Potamogeton gramineus	Potamogeton praelongus	Potamogeton pusillus	Potamogeton robbineii	Potamogeton zosteriformis	Sagittaria sp. (rosette)	Vallisneria spiralis	Freshwater sponge	Myriophyllum farwellii			
1	46.115412	-89.872602	131	Little Star Lake	Vilas	7/19/2016	JLW & CJF	1	0			TERRESTRIAL																										
2	46.115411	-89.872136	130	Little Star Lake	Vilas	7/19/2016	JLW & CJF	2	4	Sand	Pole	SAMPLED			1																						1	
3	46.115087	-89.872137	129	Little Star Lake	Vilas	7/19/2016	JLW & CJF	3	6	Sand	Pole	SAMPLED			1	1	1	1	1									1	1									
4	46.114763	-89.872137	128	Little Star Lake	Vilas	7/19/2016	JLW & CJF	4	5	Sand	Pole	SAMPLED			1														1									
5	46.114439	-89.872138	127	Little Star Lake	Vilas	7/19/2016	JLW & CJF	5	0			TERRESTRIAL																										
6	46.115735	-89.871669	134	Little Star Lake	Vilas	7/19/2016	JLW & CJF	6	3	Sand	Pole	SAMPLED			1		1							1								1						
7	46.115411	-89.871670	133	Little Star Lake	Vilas	7/19/2016	JLW & CJF	7	6	Muck	Pole	SAMPLED			2	1									1				2	1								
8	46.115087	-89.871671	132	Little Star Lake	Vilas	7/19/2016	JLW & CJF	8	0			DEEP																										
9	46.114763	-89.871671	125	Little Star Lake	Vilas	7/19/2016	JLW & CJF	9	0			DEEP																										
10	46.114438	-89.871672	126	Little Star Lake	Vilas	7/19/2016	JLW & CJF	10	4	Sand	Pole	SAMPLED			0																							
11	46.116058	-89.871203	135	Little Star Lake	Vilas	7/19/2016	JLW & CJF	11	2	Sand	Pole	SAMPLED			1					1			1			1												
12	46.115734	-89.871203	136	Little Star Lake	Vilas	7/19/2016	JLW & CJF	12	4	Sand	Pole	SAMPLED			1			1																				
13	46.115410	-89.871204	137	Little Star Lake	Vilas	7/19/2016	JLW & CJF	13	6	Sand	Pole	SAMPLED			2	1													2									
14	46.115086	-89.871205	138	Little Star Lake	Vilas	7/19/2016	JLW & CJF	14	0			DEEP																										
15	46.114762	-89.871206	124	Little Star Lake	Vilas	7/19/2016	JLW & CJF	15	0			DEEP																										
16	46.114438	-89.871206	123	Little Star Lake	Vilas	7/19/2016	JLW & CJF	16	13	Sand	Pole	SAMPLED			0																							
17	46.116057	-89.870737	142	Little Star Lake	Vilas	7/19/2016	JLW & CJF	17	3	Sand	Pole	SAMPLED			1									1														
18	46.115733	-89.870737	141	Little Star Lake	Vilas	7/19/2016	JLW & CJF	18	5	Sand	Pole	SAMPLED			1		1	1																				
19	46.115409	-89.870738	140	Little Star Lake	Vilas	7/19/2016	JLW & CJF	19	6	Sand	Pole	SAMPLED			0																							
20	46.115085	-89.870739	139	Little Star Lake	Vilas	7/19/2016	JLW & CJF	20	0			DEEP																										
21	46.114761	-89.870740	0	Little Star Lake	Vilas	7/19/2016		21	0			DEEP																										
22	46.114437	-89.870740	121	Little Star Lake	Vilas	7/19/2016	JLW & CJF	22	0			DEEP																										
23	46.114113	-89.870741	122	Little Star Lake	Vilas	7/19/2016	JLW & CJF	23	0			TERRESTRIAL																										
24	46.116057	-89.870721	143	Little Star Lake	Vilas	7/19/2016	JLW & CJF	24	3	Sand	Pole	SAMPLED			1									1														
25	46.115733	-89.870722	144	Little Star Lake	Vilas	7/19/2016	JLW & CJF	25	6	Sand	Pole	SAMPLED			1									1														
26	46.115409	-89.870722	145	Little Star Lake	Vilas	7/19/2016	JLW & CJF	26	11	Sand	Pole	SAMPLED			1		1											1										
27	46.115085	-89.870723	146	Little Star Lake	Vilas	7/19/2016	JLW & CJF	27	0			DEEP																										
28	46.114761	-89.870724	0	Little Star Lake	Vilas	7/19/2016		28	0			DEEP																										
29	46.114437	-89.870725	120	Little Star Lake	Vilas	7/19/2016	JLW & CJF	29	0			DEEP																										
30	46.114113	-89.870725	119	Little Star Lake	Vilas	7/19/2016	JLW & CJF	30	3	Rock	Pole	SAMPLED			0																							
31	46.116380	-89.869804	150	Little Star Lake	Vilas	7/19/2016	JLW & CJF	31	2	Sand	Pole	SAMPLED			1										1		1		1									
32	46.116056	-89.869805	149	Little Star Lake	Vilas	7/19/2016	JLW & CJF	32	3	Sand	Pole	SAMPLED			0																							
33	46.115732	-89.869806	148	Little Star Lake	Vilas	7/19/2016	JLW & CJF	33	8	Sand	Pole	SAMPLED			1		1																					
34	46.115408	-89.869806	147	Little Star Lake	Vilas	7/19/2016	JLW & CJF	34	0			DEEP																										
35	46.115084	-89.869807	0	Little Star Lake	Vilas	7/19/2016		35	0			DEEP																										
36	46.114760	-89.869808	0	Little Star Lake	Vilas	7/19/2016		36	0			DEEP																										
37	46.114436	-89.869809	118	Little Star Lake	Vilas	7/19/2016	JLW & CJF	37	0			DEEP																										
38	46.116380	-89.869338	151	Little Star Lake	Vilas	7/19/2016	JLW & CJF	38	2	Sand	Pole	SAMPLED			0																							
39	46.116056	-89.869339	152	Little Star Lake	Vilas	7/19/2016	JLW & CJF	39	9	Sand	Pole	SAMPLED			2	1															2							
40	46.115732	-89.869340	153	Little Star Lake	Vilas	7/19/2016	JLW & CJF	40	0			DEEP																										
41	46.115408	-89.869341	0	Little Star Lake	Vilas	7/19/2016		41	0			DEEP																										
42	46.115084	-89.869341	0	Little Star Lake	Vilas	7/19/2016		42	0			DEEP																										
43	46.114760	-89.869342	0	Little Star Lake	Vilas	7/19/2016		43	0			DEEP																										
44	46.114436	-89.869343	117	Little Star Lake	Vilas	7/19/2016	JLW & CJF	44	0			DEEP																										
45	46.116379	-89.868872	156	Little Star Lake	Vilas	7/19/2016	JLW & CJF	45	4	Sand	Pole	SAMPLED			0																							
46	46.116055	-89.868873	155	Little Star Lake	Vilas	7/19/2016	JLW & CJF	46	14	Sand	Pole	SAMPLED			0																							
47	46.115731	-89.868874	154	Little Star Lake	Vilas	7/19/2016	JLW & CJF	47	0			DEEP																										
48	46.115407	-89.868875	0	Little Star Lake	Vilas	7/19/2016		48	0			DEEP																										
49	46.115083	-89.868875	0	Little Star Lake	Vilas	7/19/2016		49	0			DEEP																										
50	46.114759	-89.868876	0	Little Star Lake	Vilas	7/19/2016		50	0			DEEP																										
51	46.114435	-89.868877	116	Little Star Lake	Vilas	7/19/2016	JLW & CJF	51	0			DEEP																										
52	46.116379	-89.868406	157	Little Star Lake	Vilas	7/19/2016	JLW & CJF	52	6	Sand	Pole	SAMPLED			1		1							1		1	1		1									
53	46.116055	-89.868407	158	Little Star Lake	Vilas	7/19/2016	JLW & CJF	53	0			DEEP																										

Point Number	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	ID	Lake Name	County	Date	Field Crew	Point Number	Depth (ft)	Sediment	Pole/Rope	Comments	Notes	Nuisance	Total Rake Fullness	Bidens beckii	Ceratophyllum demersum	Chara spp.	Eleocharis acicularis	Eleocharis canadensis	Isocetes spp.	Juncus peltocarpus	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Potamogeton amplifolius	Potamogeton gramineus	Potamogeton praelongus	Potamogeton pusillus	Potamogeton zosterifolius	Sagittaria sp. (rosette)	Vallisneria spiralis	Freshwater sponge	Myriophyllum farwellii			
54	46.115731	-89.868408	0	Little Star Lake	Vilas	7/19/2016		54	0			DEEP																									
55	46.115407	-89.868409	0	Little Star Lake	Vilas	7/19/2016		55	0			DEEP																									
56	46.115083	-89.868410	0	Little Star Lake	Vilas	7/19/2016		56	0			DEEP																									
57	46.114759	-89.868410	0	Little Star Lake	Vilas	7/19/2016		57	0			DEEP																									
58	46.114435	-89.868411	115	Little Star Lake	Vilas	7/19/2016	JLW & CJF	58	0			DEEP																									
59	46.116702	-89.867940	161	Little Star Lake	Vilas	7/19/2016	JLW & CJF	59	4	Sand	Pole	SAMPLED			0																						
60	46.116378	-89.867941	160	Little Star Lake	Vilas	7/19/2016	JLW & CJF	60	4	Sand	Pole	SAMPLED			0																						
61	46.116054	-89.867941	159	Little Star Lake	Vilas	7/19/2016	JLW & CJF	61	0			DEEP																									
62	46.115730	-89.867942	0	Little Star Lake	Vilas	7/19/2016		62	0			DEEP																									
63	46.115406	-89.867943	0	Little Star Lake	Vilas	7/19/2016		63	0			DEEP																									
64	46.115082	-89.867944	0	Little Star Lake	Vilas	7/19/2016		64	0			DEEP																									
65	46.114758	-89.867944	0	Little Star Lake	Vilas	7/19/2016		65	0			DEEP																									
66	46.114434	-89.867945	113	Little Star Lake	Vilas	7/19/2016	JLW & CJF	66	0			DEEP																									
67	46.114110	-89.867946	114	Little Star Lake	Vilas	7/19/2016	JLW & CJF	67	0			DOCK																									
68	46.117026	-89.867473	162	Little Star Lake	Vilas	7/19/2016	JLW & CJF	68	4	Sand	Pole	SAMPLED			1		1																				
69	46.116702	-89.867474	163	Little Star Lake	Vilas	7/19/2016	JLW & CJF	69	5	Sand	Pole	SAMPLED			1		1																				
70	46.116378	-89.867475	164	Little Star Lake	Vilas	7/19/2016	JLW & CJF	70	11	Sand	Pole	SAMPLED			1		1																				
71	46.116054	-89.867475	165	Little Star Lake	Vilas	7/19/2016	JLW & CJF	71	0			DEEP																									
72	46.115730	-89.867476	0	Little Star Lake	Vilas	7/19/2016		72	0			DEEP																									
73	46.115406	-89.867477	0	Little Star Lake	Vilas	7/19/2016		73	0			DEEP																									
74	46.115082	-89.867478	0	Little Star Lake	Vilas	7/19/2016		74	0			DEEP																									
75	46.114758	-89.867479	0	Little Star Lake	Vilas	7/19/2016		75	0			DEEP																									
76	46.114434	-89.867479	0	Little Star Lake	Vilas	7/19/2016		76	0			DEEP																									
77	46.114110	-89.867480	112	Little Star Lake	Vilas	7/19/2016	JLW & CJF	77	0			DEEP																									
78	46.113786	-89.867481	111	Little Star Lake	Vilas	7/19/2016	JLW & CJF	78	0			TERRESTRIAL																									
79	46.117349	-89.867006	170	Little Star Lake	Vilas	7/19/2016	JLW & CJF	79	4	Sand	Pole	SAMPLED			1			1																			
80	46.117025	-89.867007	169	Little Star Lake	Vilas	7/19/2016	JLW & CJF	80	5	Sand	Pole	SAMPLED			0																						
81	46.116701	-89.867008	168	Little Star Lake	Vilas	7/19/2016	JLW & CJF	81	5	Sand	Pole	SAMPLED			1																						
82	46.116377	-89.867009	167	Little Star Lake	Vilas	7/19/2016	JLW & CJF	82	10	Sand	Pole	SAMPLED			1		1																				
83	46.116053	-89.867010	166	Little Star Lake	Vilas	7/19/2016	JLW & CJF	83	0			DEEP																									
84	46.115729	-89.867010	0	Little Star Lake	Vilas	7/19/2016		84	0			DEEP																									
85	46.115405	-89.867011	0	Little Star Lake	Vilas	7/19/2016		85	0			DEEP																									
86	46.115081	-89.867012	0	Little Star Lake	Vilas	7/19/2016		86	0			DEEP																									
87	46.114757	-89.867013	0	Little Star Lake	Vilas	7/19/2016		87	0			DEEP																									
88	46.114433	-89.867013	108	Little Star Lake	Vilas	7/19/2016	JLW & CJF	88	0			DEEP																									
89	46.114109	-89.867014	109	Little Star Lake	Vilas	7/19/2016	JLW & CJF	89	14	Sand	Pole	SAMPLED			0																						
90	46.113785	-89.867015	110	Little Star Lake	Vilas	7/19/2016	JLW & CJF	90	12	Sand	Pole	SAMPLED			0																						
91	46.113461	-89.867016	104	Little Star Lake	Vilas	7/19/2016	JLW & CJF	91	0			TERRESTRIAL																									
92	46.110221	-89.867024	55	Little Star Lake	Vilas	7/19/2016	JLW & CJF	92	2	Sand	Rope	SAMPLED			0																						
93	46.117997	-89.866539	234	Little Star Lake	Vilas	7/19/2016	TWH & LJS	93	4	Sand	Pole	SAMPLED			2																						
94	46.117673	-89.866540	235	Little Star Lake	Vilas	7/19/2016	TWH & LJS	94	4	Sand	Pole	SAMPLED			0																						
95	46.117349	-89.866540	246	Little Star Lake	Vilas	7/19/2016	TWH & LJS	95	5	Sand	Pole	SAMPLED			1																						
96	46.117025	-89.866541	180	Little Star Lake	Vilas	7/19/2016	JLW & CJF	96	5	Sand	Pole	SAMPLED			1																						
97	46.116701	-89.866542	179	Little Star Lake	Vilas	7/19/2016	JLW & CJF	97	4	Sand	Pole	SAMPLED			1		1																				
98	46.116377	-89.866543	172	Little Star Lake	Vilas	7/19/2016	JLW & CJF	98	10	Sand	Pole	SAMPLED			0																						
99	46.116053	-89.866544	171	Little Star Lake	Vilas	7/19/2016	JLW & CJF	99	0			DEEP																									
100	46.115729	-89.866544	0	Little Star Lake	Vilas	7/19/2016		100	0			DEEP																									
101	46.115405	-89.866545	0	Little Star Lake	Vilas	7/19/2016		101	0			DEEP																									
102	46.115081	-89.866546	0	Little Star Lake	Vilas	7/19/2016		102	0			DEEP																									
103	46.114757	-89.866547	0	Little Star Lake	Vilas	7/19/2016		103	0			DEEP																									
104	46.114433	-89.866548	107	Little Star Lake	Vilas	7/19/2016	JLW & CJF	104	0			DEEP																									
105	46.114109	-89.866548	106	Little Star Lake	Vilas	7/19/2016	JLW & CJF	105	12	Sand	Pole	SAMPLED			0																						
106	46.113785	-89.866549	105	Little Star Lake	Vilas	7/19/2016	JLW & CJF	106	15	Sand	Pole	SAMPLED			0																						

Point Number	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	ID	Lake Name	County	Date	Field Crew	Point Number	Depth (ft)	Sediment	Pole/Rope	Comments	Notes	Nuisance	Total Rate Fullness	Bidens beckii	Ceratophyllum demersum	Chara spp.	Eleocharis acicularis	Eleocharis canadensis	Isocetes spp.	Juncus polycarpus	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Potamogeton amplifolius	Potamogeton gramineus	Potamogeton praelongus	Potamogeton pusillus	Potamogeton robbineii	Potamogeton zosterifolius	Sagittaria sp. (rosette)	Vallisneria spiralis	Freshwater sponge	Myriophyllum farwellii		
107	46.113461	-89.866550	103	Little Star Lake	Vilas	7/19/2016	JLW & CJF	107	0			TERRESTRIAL																									
108	46.111841	-89.866554	66	Little Star Lake	Vilas	7/19/2016	JLW & CJF	108	6	Muck	Pole	SAMPLED			1						1								1								
109	46.111517	-89.866555	65	Little Star Lake	Vilas	7/19/2016	JLW & CJF	109	0			TERRESTRIAL																									
110	46.110545	-89.866557	56	Little Star Lake	Vilas	7/19/2016	JLW & CJF	110	10	Sand	Pole	SAMPLED			0																						
111	46.110221	-89.866558	54	Little Star Lake	Vilas	7/19/2016	JLW & CJF	111	4	Rock	Pole	SAMPLED			0																						
112	46.109897	-89.866558	52	Little Star Lake	Vilas	7/19/2016	JLW & CJF	112	0			OTHER	FALLEN DOWN TREE																								
113	46.118644	-89.866071	223	Little Star Lake	Vilas	7/19/2016	TWH & LJS	113	3	Sand	Pole	SAMPLED			1												1										
114	46.118320	-89.866072	224	Little Star Lake	Vilas	7/19/2016	TWH & LJS	114	5	Sand	Pole	SAMPLED			1												1										
115	46.117996	-89.866073	233	Little Star Lake	Vilas	7/19/2016	TWH & LJS	115	5	Sand	Pole	SAMPLED			2		2						1														
116	46.117672	-89.866074	236	Little Star Lake	Vilas	7/19/2016	TWH & LJS	116	5	Sand	Pole	SAMPLED			1								1														
117	46.117348	-89.866075	245	Little Star Lake	Vilas	7/19/2016	TWH & LJS	117	5	Sand	Pole	SAMPLED			1		1						1				1										
118	46.117024	-89.866075	181	Little Star Lake	Vilas	7/19/2016	JLW & CJF	118	5	Sand	Pole	SAMPLED			1								1				1							1			
119	46.116700	-89.866076	178	Little Star Lake	Vilas	7/19/2016	JLW & CJF	119	7	Sand	Pole	SAMPLED			1		1						1						1								
120	46.116376	-89.866077	174	Little Star Lake	Vilas	7/19/2016	JLW & CJF	120	0			DEEP																									
121	46.116052	-89.866078	173	Little Star Lake	Vilas	7/19/2016	JLW & CJF	121	0			DEEP																									
122	46.115728	-89.866079	0	Little Star Lake	Vilas	7/19/2016			122	0		DEEP																									
123	46.115404	-89.866079	0	Little Star Lake	Vilas	7/19/2016			123	0		DEEP																									
124	46.115080	-89.866080	0	Little Star Lake	Vilas	7/19/2016			124	0		DEEP																									
125	46.114756	-89.866081	0	Little Star Lake	Vilas	7/19/2016			125	0		DEEP																									
126	46.114432	-89.866082	0	Little Star Lake	Vilas	7/19/2016			126	0		DEEP																									
127	46.114108	-89.866082	195	Little Star Lake	Vilas	7/19/2016	JLW & CJF	127	0			DEEP																									
128	46.113784	-89.866083	102	Little Star Lake	Vilas	7/19/2016	JLW & CJF	128	0			DEEP																									
129	46.111840	-89.866088	67	Little Star Lake	Vilas	7/19/2016	JLW & CJF	129	11	Sand	Pole	SAMPLED			0																						
130	46.111516	-89.866089	64	Little Star Lake	Vilas	7/19/2016	JLW & CJF	130	6	Rock	Pole	SAMPLED			0																						
131	46.110544	-89.866091	57	Little Star Lake	Vilas	7/19/2016	JLW & CJF	131	0			DEEP																									
132	46.110220	-89.866092	53	Little Star Lake	Vilas	7/19/2016	JLW & CJF	132	0			DEEP																									
133	46.109896	-89.866093	51	Little Star Lake	Vilas	7/19/2016	JLW & CJF	133	0			DEEP																									
134	46.109572	-89.866093	49	Little Star Lake	Vilas	7/19/2016	JLW & CJF	134	6	Sand	Pole	SAMPLED			0																						
135	46.109248	-89.866094	50	Little Star Lake	Vilas	7/19/2016	JLW & CJF	135	0	Sand	Pole	SAMPLED			0																						
136	46.118968	-89.865605	215	Little Star Lake	Vilas	7/19/2016	TWH & LJS	136	4	Sand	Pole	SAMPLED			1								1				1										
137	46.118644	-89.865606	222	Little Star Lake	Vilas	7/19/2016	TWH & LJS	137	5	Sand	Pole	SAMPLED			2		1	2																1			
138	46.118320	-89.865606	225	Little Star Lake	Vilas	7/19/2016	TWH & LJS	138	5	Sand	Pole	SAMPLED			0																						
139	46.117996	-89.865607	232	Little Star Lake	Vilas	7/19/2016	TWH & LJS	139	7	Sand	Pole	SAMPLED			2		2						1				1				1						
140	46.117672	-89.865608	237	Little Star Lake	Vilas	7/19/2016	TWH & LJS	140	12	Sand	Pole	SAMPLED			1		1																				
141	46.117348	-89.865609	244	Little Star Lake	Vilas	7/19/2016	TWH & LJS	141	11	Sand	Pole	SAMPLED			1								1														
142	46.117024	-89.865609	182	Little Star Lake	Vilas	7/19/2016	JLW & CJF	142	7	Sand	Pole	SAMPLED			0																						
143	46.116700	-89.865610	176	Little Star Lake	Vilas	7/19/2016	JLW & CJF	143	8	Sand	Pole	SAMPLED			0																						
144	46.116376	-89.865611	177	Little Star Lake	Vilas	7/19/2016	JLW & CJF	144	0			DEEP																									
145	46.116052	-89.865612	0	Little Star Lake	Vilas	7/19/2016			145	0		DEEP																									
146	46.115728	-89.865613	0	Little Star Lake	Vilas	7/19/2016			146	0		DEEP																									
147	46.115404	-89.865613	0	Little Star Lake	Vilas	7/19/2016			147	0		DEEP																									
148	46.115080	-89.865614	0	Little Star Lake	Vilas	7/19/2016			148	0		DEEP																									
149	46.114756	-89.865615	0	Little Star Lake	Vilas	7/19/2016			149	0		DEEP																									
150	46.114432	-89.865616	0	Little Star Lake	Vilas	7/19/2016			150	0		DEEP																									
151	46.114108	-89.865617	0	Little Star Lake	Vilas	7/19/2016			151	0		DEEP																									
152	46.113784	-89.865617	101	Little Star Lake	Vilas	7/19/2016	JLW & CJF	152	0			DEEP																									
153	46.113460	-89.865618	100	Little Star Lake	Vilas	7/19/2016	JLW & CJF	153	0			DEEP																									
154	46.111839	-89.865622	68	Little Star Lake	Vilas	7/19/2016	JLW & CJF	154	14	Rock	Pole	SAMPLED			0																						
155	46.111515	-89.865623	63	Little Star Lake	Vilas	7/19/2016	JLW & CJF	155	0			DEEP																									
156	46.111191	-89.865624	62	Little Star Lake	Vilas	7/19/2016	JLW & CJF	156	9	Rock	Pole	SAMPLED			0																						
157	46.110867	-89.865624	59	Little Star Lake	Vilas	7/19/2016	JLW & CJF	157	8	Rock	Pole	SAMPLED			0																						
158	46.110543	-89.865625	58	Little Star Lake	Vilas	7/19/2016	JLW & CJF	158	0			DEEP																									
159	46.110219	-89.865626	0	Little Star Lake	Vilas	7/19/2016			159	0		DEEP																									

Point Number	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	ID	Lake Name	County	Date	Field Crew	Point Number	Depth (ft)	Sediment	Pole/Rope	Comments	Notes	Nuisance	Total Rake Fullness	Bidens beckii	Ceratophyllum demersum	Chara spp.	Eleocharis acicularis	Eleocharis canadensis	Isocetes spp.	Juncus polycarpus	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Potamogeton amplifolius	Potamogeton gramineus	Potamogeton praelongus	Potamogeton pusillus	Potamogeton robbineii	Potamogeton zosteriformis	Sagittaria sp. (rosette)	Vallisneria spiralis	Freshwater sponge	Myriophyllum farwellii			
160	46.109895	-89.865627	0	Little Star Lake	Vilas	7/19/2016		160	0			DEEP																										
161	46.109571	-89.865628	48	Little Star Lake	Vilas	7/19/2016	JLW & CJF	161	0			DEEP																										
162	46.109247	-89.865628	46	Little Star Lake	Vilas	7/19/2016	JLW & CJF	162	6	Sand	Pole	SAMPLED			1		1											1										
163	46.119939	-89.865136	208	Little Star Lake	Vilas	7/19/2016	TWH & LJS	163	1	Sand	Pole	SAMPLED			0																							
164	46.119615	-89.865137	209	Little Star Lake	Vilas	7/19/2016	TWH & LJS	164	4	Sand	Pole	SAMPLED			1																		1					
165	46.119291	-89.865138	214	Little Star Lake	Vilas	7/19/2016	TWH & LJS	165	5	Sand	Pole	SAMPLED			3		3	1									1											
166	46.118967	-89.865139	216	Little Star Lake	Vilas	7/19/2016	TWH & LJS	166	5	Sand	Pole	SAMPLED			0																							
167	46.118643	-89.865140	221	Little Star Lake	Vilas	7/19/2016	TWH & LJS	167	8	Sand	Pole	SAMPLED			1		1							1														
168	46.118319	-89.865140	226	Little Star Lake	Vilas	7/19/2016	TWH & LJS	168	8	Sand	Pole	SAMPLED			0																							
169	46.117995	-89.865141	231	Little Star Lake	Vilas	7/19/2016	TWH & LJS	169	9	Sand	Pole	SAMPLED			1		1							1														
170	46.117671	-89.865142	238	Little Star Lake	Vilas	7/19/2016	TWH & LJS	170	23			DEEP																										
171	46.117347	-89.865143	243	Little Star Lake	Vilas	7/19/2016	TWH & LJS	171	13	Sand	Pole	SAMPLED			1		1								1													
172	46.117023	-89.865144	183	Little Star Lake	Vilas	7/19/2016	JLW & CJF	172	8	Sand	Pole	SAMPLED			1		1																					
173	46.116699	-89.865144	175	Little Star Lake	Vilas	7/19/2016	JLW & CJF	173	0			DEEP																										
174	46.116375	-89.865145	0	Little Star Lake	Vilas	7/19/2016		174	0			DEEP																										
175	46.116051	-89.865146	0	Little Star Lake	Vilas	7/19/2016		175	0			DEEP																										
176	46.115727	-89.865147	0	Little Star Lake	Vilas	7/19/2016		176	0			DEEP																										
177	46.115403	-89.865148	0	Little Star Lake	Vilas	7/19/2016		177	0			DEEP																										
178	46.115079	-89.865148	0	Little Star Lake	Vilas	7/19/2016		178	0			DEEP																										
179	46.114755	-89.865149	0	Little Star Lake	Vilas	7/19/2016		179	0			DEEP																										
180	46.114431	-89.865150	0	Little Star Lake	Vilas	7/19/2016		180	0			DEEP																										
181	46.114107	-89.865151	0	Little Star Lake	Vilas	7/19/2016		181	0			DEEP																										
182	46.113783	-89.865151	98	Little Star Lake	Vilas	7/19/2016	JLW & CJF	182	0			DEEP																										
183	46.113459	-89.865152	99	Little Star Lake	Vilas	7/19/2016	JLW & CJF	183	2	Rock	Pole	SAMPLED			0																							
184	46.111839	-89.865156	69	Little Star Lake	Vilas	7/19/2016	JLW & CJF	184	11	Rock	Pole	SAMPLED			0																							
185	46.111515	-89.865157	70	Little Star Lake	Vilas	7/19/2016	JLW & CJF	185	0			DEEP																										
186	46.111191	-89.865158	61	Little Star Lake	Vilas	7/19/2016	JLW & CJF	186	0			DEEP																										
187	46.110867	-89.865159	60	Little Star Lake	Vilas	7/19/2016	JLW & CJF	187	0			DEEP																										
188	46.110543	-89.865159	0	Little Star Lake	Vilas	7/19/2016		188	0			DEEP																										
189	46.110219	-89.865160	0	Little Star Lake	Vilas	7/19/2016		189	0			DEEP																										
190	46.109895	-89.865161	43	Little Star Lake	Vilas	7/19/2016	JLW & CJF	190	0			DEEP																										
191	46.109571	-89.865162	44	Little Star Lake	Vilas	7/19/2016	JLW & CJF	191	14	Rock	Pole	SAMPLED			0																							
192	46.109247	-89.865163	45	Little Star Lake	Vilas	7/19/2016	JLW & CJF	192	0			TERRESTRIAL																										
193	46.120263	-89.864670	200	Little Star Lake	Vilas	7/19/2016	TWH & LJS	193	4	Sand	Pole	SAMPLED			0																							
194	46.119939	-89.864671	207	Little Star Lake	Vilas	7/19/2016	TWH & LJS	194	6	Sand	Pole	SAMPLED			1		1							1														
195	46.119615	-89.864671	210	Little Star Lake	Vilas	7/19/2016	TWH & LJS	195	8	Sand	Pole	SAMPLED			1		1																					
196	46.119291	-89.864672	213	Little Star Lake	Vilas	7/19/2016	TWH & LJS	196	8	Sand	Pole	SAMPLED			1		1																					
197	46.118967	-89.864673	217	Little Star Lake	Vilas	7/19/2016	TWH & LJS	197	13	Sand	Pole	SAMPLED			2		2							1														
198	46.118643	-89.864674	220	Little Star Lake	Vilas	7/19/2016	TWH & LJS	198	16			DEEP																										
199	46.118318	-89.864674	227	Little Star Lake	Vilas	7/19/2016	TWH & LJS	199	14	Sand	Pole	SAMPLED			0																							
200	46.117994	-89.864675	230	Little Star Lake	Vilas	7/19/2016	TWH & LJS	200	23			DEEP																										
201	46.117670	-89.864676	0	Little Star Lake	Vilas	7/19/2016		201	0			DEEP																										
202	46.117346	-89.864677	239	Little Star Lake	Vilas	7/19/2016	TWH & LJS	202	13	Sand	Pole	SAMPLED			1		1		1					1														
203	46.117022	-89.864678	184	Little Star Lake	Vilas	7/19/2016	JLW & CJF	203	9	Sand	Pole	SAMPLED			0																							
204	46.116698	-89.864678	187	Little Star Lake	Vilas	7/19/2016	JLW & CJF	204	8	Sand	Pole	SAMPLED			1										1													
205	46.116374	-89.864679	188	Little Star Lake	Vilas	7/19/2016	JLW & CJF	205	0			DEEP																										
206	46.116050	-89.864680	0	Little Star Lake	Vilas	7/19/2016		206	0			DEEP																										
207	46.115726	-89.864681	0	Little Star Lake	Vilas	7/19/2016		207	0			DEEP																										
208	46.115402	-89.864682	0	Little Star Lake	Vilas	7/19/2016		208	0			DEEP																										
209	46.115078	-89.864682	0	Little Star Lake	Vilas	7/19/2016		209	0			DEEP																										
210	46.114754	-89.864683	0	Little Star Lake	Vilas	7/19/2016		210	0			DEEP																										
211	46.114430	-89.864684	0	Little Star Lake	Vilas	7/19/2016		211	0			DEEP																										
212	46.114106	-89.864685	0	Little Star Lake	Vilas	7/19/2016		212	0			DEEP																										

Point Number	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	ID	Lake Name	County	Date	Field Crew	Point Number	Depth (ft)	Sediment	Pole/Rope	Comments	Notes	Nuisance	Total Rate Fullness	Bidens beckii	Ceratophyllum demersum	Chara spp.	Eleocharis acicularis	Eleocharis canadensis	Isotria medeolae spp.	Juncus polycarpus	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Potamogeton amplifolius	Potamogeton gramineus	Potamogeton praelongus	Potamogeton pusillus	Potamogeton robbineii	Potamogeton zosterifolius	Sagittaria sp. (rosette)	Vallisneria spiralis	Freshwater sponge	Myriophyllum farwellii		
213	46.11378242	-89.86468558	97	Little Star Lake	Vilas	7/19/2016	JLW & CJF	213	0			DEEP																									
214	46.11183839	-89.86469034	71	Little Star Lake	Vilas	7/19/2016	JLW & CJF	214	0			DEEP																									
215	46.11151439	-89.86469113	0	Little Star Lake	Vilas	7/19/2016		215	0			DEEP																									
216	46.11119038	-89.86469192	0	Little Star Lake	Vilas	7/19/2016		216	0			DEEP																									
217	46.11086638	-89.86469272	0	Little Star Lake	Vilas	7/19/2016		217	0			DEEP																									
218	46.11054237	-89.86469351	0	Little Star Lake	Vilas	7/19/2016		218	0			DEEP																									
219	46.11021837	-89.8646943	47	Little Star Lake	Vilas	7/19/2016	JLW & CJF	219	0			DEEP																									
220	46.10989436	-89.8646951	42	Little Star Lake	Vilas	7/19/2016	JLW & CJF	220	18		Rope	SAMPLED			0																						
221	46.10957036	-89.86469589	41	Little Star Lake	Vilas	7/19/2016	JLW & CJF	221	8	Rock	Pole	SAMPLED			0																						
222	46.12058597	-89.86420299	199	Little Star Lake	Vilas	7/19/2016	TWH & LJS	222	0			DOCK																									
223	46.12026197	-89.86420379	201	Little Star Lake	Vilas	7/19/2016	TWH & LJS	223	8	Sand	Pole	SAMPLED			2		1						2														
224	46.11993796	-89.86420458	206	Little Star Lake	Vilas	7/19/2016	TWH & LJS	224	9	Sand	Pole	SAMPLED			1	1	1	1																			
225	46.11961396	-89.86420538	211	Little Star Lake	Vilas	7/19/2016	TWH & LJS	225	19			DEEP																									
226	46.11929995	-89.86420618	212	Little Star Lake	Vilas	7/19/2016	TWH & LJS	226	25			DEEP																									
227	46.11896595	-89.86420697	218	Little Star Lake	Vilas	7/19/2016	TWH & LJS	227	28			DEEP																									
228	46.11864194	-89.86420777	219	Little Star Lake	Vilas	7/19/2016	TWH & LJS	228	31			DEEP																									
229	46.11831794	-89.86420856	228	Little Star Lake	Vilas	7/19/2016	TWH & LJS	229	30			DEEP																									
230	46.11799393	-89.86420936	229	Little Star Lake	Vilas	7/19/2016	TWH & LJS	230	29			DEEP																									
231	46.11766993	-89.86421016	0	Little Star Lake	Vilas	7/19/2016		231	0			DEEP																									
232	46.11734592	-89.86421095	240	Little Star Lake	Vilas	7/19/2016	TWH & LJS	232	17			DEEP																									
233	46.11702192	-89.86421175	185	Little Star Lake	Vilas	7/19/2016	JLW & CJF	233	0			DEEP																									
234	46.11669791	-89.86421254	186	Little Star Lake	Vilas	7/19/2016	JLW & CJF	234	11	Muck	Pole	SAMPLED			1		1						1														
235	46.11637391	-89.86421334	189	Little Star Lake	Vilas	7/19/2016	JLW & CJF	235	10	Sand	Pole	SAMPLED			1		1						1														
236	46.1160499	-89.86421413	194	Little Star Lake	Vilas	7/19/2016	JLW & CJF	236	0			DEEP																									
237	46.1157259	-89.86421493	0	Little Star Lake	Vilas	7/19/2016		237	0			DEEP																									
238	46.11540189	-89.86421573	0	Little Star Lake	Vilas	7/19/2016		238	0			DEEP																									
239	46.11507789	-89.86421652	0	Little Star Lake	Vilas	7/19/2016		239	0			DEEP																									
240	46.11475388	-89.86421732	0	Little Star Lake	Vilas	7/19/2016		240	0			DEEP																									
241	46.11442988	-89.86421811	0	Little Star Lake	Vilas	7/19/2016		241	0			DEEP																									
242	46.11410587	-89.86421891	0	Little Star Lake	Vilas	7/19/2016		242	0			DEEP																									
243	46.11378187	-89.8642197	96	Little Star Lake	Vilas	7/19/2016	JLW & CJF	243	0			DEEP																									
244	46.11345786	-89.8642205	87	Little Star Lake	Vilas	7/19/2016	JLW & CJF	244	5	Rock	Pole	SAMPLED			0																						
245	46.11183784	-89.86422448	72	Little Star Lake	Vilas	7/19/2016	JLW & CJF	245	0			DEEP																									
246	46.11151383	-89.86422527	0	Little Star Lake	Vilas	7/19/2016		246	0			DEEP																									
247	46.11118983	-89.86422607	0	Little Star Lake	Vilas	7/19/2016		247	0			DEEP																									
248	46.11086582	-89.86422687	0	Little Star Lake	Vilas	7/19/2016		248	0			DEEP																									
249	46.11054182	-89.86422766	35	Little Star Lake	Vilas	7/19/2016	JLW & CJF	249	0			DEEP																									
250	46.11021781	-89.86422846	36	Little Star Lake	Vilas	7/19/2016	JLW & CJF	250	0			DEEP																									
251	46.10989381	-89.86422925	39	Little Star Lake	Vilas	7/19/2016	JLW & CJF	251	0			DEEP																									
252	46.10956598	-89.86423005	40	Little Star Lake	Vilas	7/19/2016	JLW & CJF	252	6	Sand	Pole	SAMPLED			0																						
253	46.12058542	-89.86373706	198	Little Star Lake	Vilas	7/19/2016	TWH & LJS	253	8	Sand	Pole	SAMPLED			0																						
254	46.12026141	-89.86373786	202	Little Star Lake	Vilas	7/19/2016	TWH & LJS	254	16	Sand	Pole	SAMPLED			0																						
255	46.11993741	-89.86373866	205	Little Star Lake	Vilas	7/19/2016	TWH & LJS	255	15			DEEP																									
256	46.1196134	-89.86373945	0	Little Star Lake	Vilas	7/19/2016		256	0			DEEP																									
257	46.1192894	-89.86374025	0	Little Star Lake	Vilas	7/19/2016		257	0			DEEP																									
258	46.11896539	-89.86374105	0	Little Star Lake	Vilas	7/19/2016		258	0			DEEP																									
259	46.11864139	-89.86374185	0	Little Star Lake	Vilas	7/19/2016		259	0			DEEP																									
260	46.11831738	-89.86374265	0	Little Star Lake	Vilas	7/19/2016		260	0			DEEP																									
261	46.11799338	-89.86374345	0	Little Star Lake	Vilas	7/19/2016		261	0			DEEP																									
262	46.11766937	-89.86374425	0	Little Star Lake	Vilas	7/19/2016		262	0			DEEP																									
263	46.11734537	-89.86374504	241	Little Star Lake	Vilas	7/19/2016	TWH & LJS	263	20			DEEP																									
264	46.11702136	-89.86374584	192	Little Star Lake	Vilas	7/19/2016	JLW & CJF	264	0			DEEP																									
265	46.11689736	-89.86374664	191	Little Star Lake	Vilas	7/19/2016	JLW & CJF	265	0			DEEP																									

Point Number	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	ID	Lake Name	County	Date	Field Crew	Point Number	Depth (ft)	Sediment	Pole/Rope	Comments	Notes	Nuisance	Total Rake Fullness	Bidens beckii	Ceratophyllum demersum	Chara spp.	Eleocharis acicularis	Eleocharis canadensis	Ischaetes spp.	Juncus polycarpus	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Potamogeton amplifolius	Potamogeton gramineus	Potamogeton praelongus	Potamogeton pusillus	Potamogeton robbineii	Potamogeton zosteriformis	Sagittaria sp. (rosette)	Vallisneria spiralis	Freshwater sponge	Myriophyllum farwellii			
266	46.11637335	-89.86374744	190	Little Star Lake	Vilas	7/19/2016	JLW & CJF	266	0			DEEP																										
267	46.11604935	-89.86374824	193	Little Star Lake	Vilas	7/19/2016	JLW & CJF	267	0			DEEP																										
268	46.11572534	-89.86374904	0	Little Star Lake	Vilas	7/19/2016		268	0			DEEP																										
269	46.11540134	-89.86374984	0	Little Star Lake	Vilas	7/19/2016		269	0			DEEP																										
270	46.11507733	-89.86375063	0	Little Star Lake	Vilas	7/19/2016		270	0			DEEP																										
271	46.11475333	-89.86375143	0	Little Star Lake	Vilas	7/19/2016		271	0			DEEP																										
272	46.11442933	-89.86375223	0	Little Star Lake	Vilas	7/19/2016		272	0			DEEP																										
273	46.11410532	-89.86375303	0	Little Star Lake	Vilas	7/19/2016		273	0			DEEP																										
274	46.11378132	-89.86375383	95	Little Star Lake	Vilas	7/19/2016	JLW & CJF	274	0			DEEP																										
275	46.11345731	-89.86375463	88	Little Star Lake	Vilas	7/19/2016	JLW & CJF	275	10	Sand	Pole	SAMPLED			0																							
276	46.11313331	-89.86375542	86	Little Star Lake	Vilas	7/19/2016	JLW & CJF	276	3	Rock	Pole	SAMPLED			0																							
277	46.11183728	-89.86375622	73	Little Star Lake	Vilas	7/19/2016	JLW & CJF	277	0			DEEP																										
278	46.11151328	-89.86375692	0	Little Star Lake	Vilas	7/19/2016		278	0			DEEP																										
279	46.11118927	-89.86376022	32	Little Star Lake	Vilas	7/19/2016	JLW & CJF	279	0			DEEP																										
280	46.11086527	-89.86376101	33	Little Star Lake	Vilas	7/19/2016	JLW & CJF	280	0			DEEP																										
281	46.11054126	-89.86376181	34	Little Star Lake	Vilas	7/19/2016	JLW & CJF	281	15	Rock	Pole	SAMPLED			0																							
282	46.11021726	-89.86376261	37	Little Star Lake	Vilas	7/19/2016	JLW & CJF	282	22		Rope	SAMPLED			0																							
283	46.10989325	-89.86376341	38	Little Star Lake	Vilas	7/19/2016	JLW & CJF	283	13	Rock	Pole	SAMPLED			0																							
284	46.12090886	-89.86327032	197	Little Star Lake	Vilas	7/19/2016	TWH & LJS	284	2	Sand	Pole	SAMPLED			0																							
285	46.12058486	-89.86327112	196	Little Star Lake	Vilas	7/19/2016	TWH & LJS	285	16			DEEP																										
286	46.12026086	-89.86327193	203	Little Star Lake	Vilas	7/19/2016	TWH & LJS	286	19			DEEP																										
287	46.11993685	-89.86327273	204	Little Star Lake	Vilas	7/19/2016	TWH & LJS	287	21			DEEP																										
288	46.11961285	-89.86327353	0	Little Star Lake	Vilas	7/19/2016		288	0			DEEP																										
289	46.11928884	-89.86327433	0	Little Star Lake	Vilas	7/19/2016		289	0			DEEP																										
290	46.11896484	-89.86327513	0	Little Star Lake	Vilas	7/19/2016		290	0			DEEP																										
291	46.11864083	-89.86327593	0	Little Star Lake	Vilas	7/19/2016		291	0			DEEP																										
292	46.11831683	-89.86327673	0	Little Star Lake	Vilas	7/19/2016		292	0			DEEP																										
293	46.11799282	-89.86327753	0	Little Star Lake	Vilas	7/19/2016		293	0			DEEP																										
294	46.11766882	-89.86327834	0	Little Star Lake	Vilas	7/19/2016		294	0			DEEP																										
295	46.11734481	-89.86327914	242	Little Star Lake	Vilas	7/19/2016	TWH & LJS	295	43			DEEP																										
296	46.11702081	-89.86327994	0	Little Star Lake	Vilas	7/19/2016		296	0			DEEP																										
297	46.1166968	-89.86328074	0	Little Star Lake	Vilas	7/19/2016		297	0			DEEP																										
298	46.1163728	-89.86328154	0	Little Star Lake	Vilas	7/19/2016		298	0			DEEP																										
299	46.11604879	-89.86328234	0	Little Star Lake	Vilas	7/19/2016		299	0			DEEP																										
300	46.11572479	-89.86328314	0	Little Star Lake	Vilas	7/19/2016		300	0			DEEP																										
301	46.11540078	-89.86328395	0	Little Star Lake	Vilas	7/19/2016		301	0			DEEP																										
302	46.11507678	-89.86328475	0	Little Star Lake	Vilas	7/19/2016		302	0			DEEP																										
303	46.11475277	-89.86328555	0	Little Star Lake	Vilas	7/19/2016		303	0			DEEP																										
304	46.11442877	-89.86328635	0	Little Star Lake	Vilas	7/19/2016		304	0			DEEP																										
305	46.11410476	-89.86328715	0	Little Star Lake	Vilas	7/19/2016		305	0			DEEP																										
306	46.11378076	-89.86328795	94	Little Star Lake	Vilas	7/19/2016	JLW & CJF	306	0			DEEP																										
307	46.11345675	-89.86328875	89	Little Star Lake	Vilas	7/19/2016	JLW & CJF	307	11	Sand	Pole	SAMPLED			0																							
308	46.11313275	-89.86328955	85	Little Star Lake	Vilas	7/19/2016	JLW & CJF	308	6	Sand	Pole	SAMPLED			0																							
309	46.11280874	-89.86329035	80	Little Star Lake	Vilas	7/19/2016	JLW & CJF	309	5	Sand	Pole	SAMPLED			0																							
310	46.11248474	-89.86329116	79	Little Star Lake	Vilas	7/19/2016	JLW & CJF	310	3	Sand	Pole	SAMPLED			0																							
311	46.11216073	-89.86329196	74	Little Star Lake	Vilas	7/19/2016	JLW & CJF	311	9	Sand	Pole	SAMPLED			1																							
312	46.11183673	-89.86329276	75	Little Star Lake	Vilas	7/19/2016	JLW & CJF	312	0			DEEP																										
313	46.11151272	-89.86329356	0	Little Star Lake	Vilas	7/19/2016		313	0			DEEP																										
314	46.11118872	-89.86329436	31	Little Star Lake	Vilas	7/19/2016	JLW & CJF	314	0			DEEP																										
315	46.11086471	-89.86329516	30	Little Star Lake	Vilas	7/19/2016	JLW & CJF	315	0			DOCK																										
316	46.12090831	-89.86280439	194	Little Star Lake	Vilas	7/19/2016	TWH & LJS	316	5	Sand	Pole	SAMPLED			0																							
317	46.1205843	-89.86280519	195	Little Star Lake	Vilas	7/19/2016	TWH & LJS	317	31			DEEP																										
318	46.1202603	-89.86280599	0	Little Star Lake	Vilas	7/19/2016		318	0			DEEP																										

Point Number	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	ID	Lake Name	County	Date	Field Crew	Point Number	Depth (ft)	Sediment	Pole/Rope	Comments	Notes	Nuisance	Total Rate Fullness	Bidens beckii	Ceratophyllum demersum	Chara spp.	Eleocharis acicularis	Eleocharis canadensis	Isocetes spp.	Juncus polycarpus	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Potamogeton amplifolius	Potamogeton gramineus	Potamogeton praelongus	Potamogeton pusillus	Potamogeton robbineii	Potamogeton zosteriformis	Sagittaria sp. (rosette)	Vallisneria spiralis	Freshwater sponge	Myriophyllum farwellii		
319	46.11993629	-89.8628068	0	Little Star Lake	Vilas	7/19/2016		319	0			DEEP																									
320	46.11961229	-89.8628076	0	Little Star Lake	Vilas	7/19/2016		320	0			DEEP																									
321	46.11928828	-89.86280841	0	Little Star Lake	Vilas	7/19/2016		321	0			DEEP																									
322	46.11896428	-89.86280921	0	Little Star Lake	Vilas	7/19/2016		322	0			DEEP																									
323	46.11864027	-89.86281001	0	Little Star Lake	Vilas	7/19/2016		323	0			DEEP																									
324	46.11831627	-89.86281082	0	Little Star Lake	Vilas	7/19/2016		324	0			DEEP																									
325	46.11799226	-89.86281162	0	Little Star Lake	Vilas	7/19/2016		325	0			DEEP																									
326	46.11766826	-89.86281243	0	Little Star Lake	Vilas	7/19/2016		326	0			DEEP																									
327	46.11734425	-89.86281323	0	Little Star Lake	Vilas	7/19/2016		327	0			DEEP																									
328	46.11702025	-89.86281403	0	Little Star Lake	Vilas	7/19/2016		328	0			DEEP																									
329	46.11669624	-89.86281484	0	Little Star Lake	Vilas	7/19/2016		329	0			DEEP																									
330	46.11637224	-89.86281564	0	Little Star Lake	Vilas	7/19/2016		330	0			DEEP																									
331	46.11604824	-89.86281645	0	Little Star Lake	Vilas	7/19/2016		331	0			DEEP																									
332	46.11572423	-89.86281725	0	Little Star Lake	Vilas	7/19/2016		332	0			DEEP																									
333	46.11540023	-89.86281805	0	Little Star Lake	Vilas	7/19/2016		333	0			DEEP																									
334	46.11507622	-89.86281886	0	Little Star Lake	Vilas	7/19/2016		334	0			DEEP																									
335	46.11475222	-89.86281966	0	Little Star Lake	Vilas	7/19/2016		335	0			DEEP																									
336	46.11442821	-89.86282047	0	Little Star Lake	Vilas	7/19/2016		336	0			DEEP																									
337	46.11410421	-89.86282127	0	Little Star Lake	Vilas	7/19/2016		337	0			DEEP																									
338	46.1137802	-89.86282207	92	Little Star Lake	Vilas	7/19/2016	JLW & CJF	338	0			DEEP																									
339	46.1134562	-89.86282288	90	Little Star Lake	Vilas	7/19/2016	JLW & CJF	339	15	Muck	Pole	SAMPLED			0																						
340	46.11313219	-89.86282368	84	Little Star Lake	Vilas	7/19/2016	JLW & CJF	340	12	Sand	Pole	SAMPLED			0																						
341	46.11280819	-89.86282449	81	Little Star Lake	Vilas	7/19/2016	JLW & CJF	341	9	Sand	Pole	SAMPLED			1																						
342	46.11248418	-89.86282529	78	Little Star Lake	Vilas	7/19/2016	JLW & CJF	342	7	Sand	Pole	SAMPLED			1																						
343	46.11216018	-89.86282609	76	Little Star Lake	Vilas	7/19/2016	JLW & CJF	343	0			DEEP																									
344	46.11183617	-89.8628269	0	Little Star Lake	Vilas	7/19/2016		344	0			DEEP																									
345	46.11151217	-89.8628277	28	Little Star Lake	Vilas	7/19/2016	JLW & CJF	345	0			DEEP																									
346	46.11118816	-89.86282851	29	Little Star Lake	Vilas	7/19/2016	JLW & CJF	346	17		Rope	SAMPLED			0																						
347	46.12090775	-89.86233845	193	Little Star Lake	Vilas	7/19/2016	TWH & LJS	347	5	Sand	Pole	SAMPLED			1																						
348	46.12058374	-89.86233926	192	Little Star Lake	Vilas	7/19/2016	TWH & LJS	348	30			DEEP																									
349	46.12025974	-89.86234006	0	Little Star Lake	Vilas	7/19/2016		349	0			DEEP																									
350	46.11993573	-89.86234087	0	Little Star Lake	Vilas	7/19/2016		350	0			DEEP																									
351	46.11961173	-89.86234168	0	Little Star Lake	Vilas	7/19/2016		351	0			DEEP																									
352	46.11928772	-89.86234248	0	Little Star Lake	Vilas	7/19/2016		352	0			DEEP																									
353	46.11896372	-89.86234329	0	Little Star Lake	Vilas	7/19/2016		353	0			DEEP																									
354	46.11863971	-89.8623441	0	Little Star Lake	Vilas	7/19/2016		354	0			DEEP																									
355	46.11831571	-89.8623449	0	Little Star Lake	Vilas	7/19/2016		355	0			DEEP																									
356	46.1179917	-89.86234571	0	Little Star Lake	Vilas	7/19/2016		356	0			DEEP																									
357	46.1176677	-89.86234652	0	Little Star Lake	Vilas	7/19/2016		357	0			DEEP																									
358	46.11734369	-89.86234732	0	Little Star Lake	Vilas	7/19/2016		358	0			DEEP																									
359	46.11701969	-89.86234813	0	Little Star Lake	Vilas	7/19/2016		359	0			DEEP																									
360	46.11669568	-89.86234894	0	Little Star Lake	Vilas	7/19/2016		360	0			DEEP																									
361	46.11637168	-89.86234974	0	Little Star Lake	Vilas	7/19/2016		361	0			DEEP																									
362	46.11604768	-89.86235055	0	Little Star Lake	Vilas	7/19/2016		362	0			DEEP																									
363	46.11572367	-89.86235136	0	Little Star Lake	Vilas	7/19/2016		363	0			DEEP																									
364	46.11539967	-89.86235216	0	Little Star Lake	Vilas	7/19/2016		364	0			DEEP																									
365	46.11507566	-89.86235297	0	Little Star Lake	Vilas	7/19/2016		365	0			DEEP																									
366	46.11475166	-89.86235378	0	Little Star Lake	Vilas	7/19/2016		366	0			DEEP																									
367	46.11442765	-89.86235458	0	Little Star Lake	Vilas	7/19/2016		367	0			DEEP																									
368	46.11410365	-89.86235539	0	Little Star Lake	Vilas	7/19/2016		368	0			DEEP																									
369	46.11377964	-89.8623562	93	Little Star Lake	Vilas	7/19/2016	JLW & CJF	369	0			DEEP																									
370	46.11345564	-89.862357	91	Little Star Lake	Vilas	7/19/2016	JLW & CJF	370	0			DEEP																									
371	46.11313163	-89.86235781	83	Little Star Lake	Vilas	7/19/2016	JLW & CJF	371	0			DEEP																									

Point Number	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	ID	Lake Name	County	Date	Field Crew	Point Number	Depth (ft)	Sediment	Pole/Rope	Comments	Notes	Nuisance	Total Rate Fullness	Bidens beckii	Ceratophyllum demersum	Chara spp.	Eleocharis acicularis	Eleocharis canadensis	Ischaetes spp.	Juncus peltocarpus	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Potamogeton amplifolius	Potamogeton gramineus	Potamogeton praelongus	Potamogeton pusillus	Potamogeton zosteriformis	Sagittaria sp. (rosette)	Vallisneria spiralis	Freshwater sponge	Myriophyllum farwellii	
372	46.11280763	-89.86235862	82	Little Star Lake	Vilas	7/19/2016	JLW & CJF	372	0			DEEP																							
373	46.11248362	-89.86235942	77	Little Star Lake	Vilas	7/19/2016	JLW & CJF	373	0			DEEP																							
374	46.11215962	-89.86236023	0	Little Star Lake	Vilas	7/19/2016		374	0			DEEP																							
375	46.11183561	-89.86236104	0	Little Star Lake	Vilas	7/19/2016		375	0			DEEP																							
376	46.11151161	-89.86236184	27	Little Star Lake	Vilas	7/19/2016	JLW & CJF	376	0			DEEP																							
377	46.11118176	-89.86236265	26	Little Star Lake	Vilas	7/19/2016	JLW & CJF	377	17		Rope	SAMPLED		0																					
378	46.12090718	-89.86187251	190	Little Star Lake	Vilas	7/19/2016	TWH & LJS	378	16			DEEP																							
379	46.12058318	-89.86187332	191	Little Star Lake	Vilas	7/19/2016	TWH & LJS	379	0			DEEP																							
380	46.12025917	-89.86187413	0	Little Star Lake	Vilas	7/19/2016		380	0			DEEP																							
381	46.11993517	-89.86187494	0	Little Star Lake	Vilas	7/19/2016		381	0			DEEP																							
382	46.11961117	-89.86187575	0	Little Star Lake	Vilas	7/19/2016		382	0			DEEP																							
383	46.11928716	-89.86187656	0	Little Star Lake	Vilas	7/19/2016		383	0			DEEP																							
384	46.11896316	-89.86187737	0	Little Star Lake	Vilas	7/19/2016		384	0			DEEP																							
385	46.11863915	-89.86187818	0	Little Star Lake	Vilas	7/19/2016		385	0			DEEP																							
386	46.11831515	-89.86187899	0	Little Star Lake	Vilas	7/19/2016		386	0			DEEP																							
387	46.11799114	-89.8618798	0	Little Star Lake	Vilas	7/19/2016		387	0			DEEP																							
388	46.11766714	-89.86188061	0	Little Star Lake	Vilas	7/19/2016		388	0			DEEP																							
389	46.11734313	-89.86188142	0	Little Star Lake	Vilas	7/19/2016		389	0			DEEP																							
390	46.11701913	-89.86188223	0	Little Star Lake	Vilas	7/19/2016		390	0			DEEP																							
391	46.11669512	-89.86188304	0	Little Star Lake	Vilas	7/19/2016		391	0			DEEP																							
392	46.11637112	-89.86188385	0	Little Star Lake	Vilas	7/19/2016		392	0			DEEP																							
393	46.11604711	-89.86188466	0	Little Star Lake	Vilas	7/19/2016		393	0			DEEP																							
394	46.11572311	-89.86188546	0	Little Star Lake	Vilas	7/19/2016		394	0			DEEP																							
395	46.1153991	-89.86188627	0	Little Star Lake	Vilas	7/19/2016		395	0			DEEP																							
396	46.1150751	-89.86188708	0	Little Star Lake	Vilas	7/19/2016		396	0			DEEP																							
397	46.11475109	-89.86188789	0	Little Star Lake	Vilas	7/19/2016		397	0			DEEP																							
398	46.11442709	-89.8618887	0	Little Star Lake	Vilas	7/19/2016		398	0			DEEP																							
399	46.11410308	-89.86188951	0	Little Star Lake	Vilas	7/19/2016		399	0			DEEP																							
400	46.11377908	-89.86189032	0	Little Star Lake	Vilas	7/19/2016		400	0			DEEP																							
401	46.11345507	-89.86189113	0	Little Star Lake	Vilas	7/19/2016		401	0			DEEP																							
402	46.11313107	-89.86189194	0	Little Star Lake	Vilas	7/19/2016		402	0			DEEP																							
403	46.11280706	-89.86189275	0	Little Star Lake	Vilas	7/19/2016		403	0			DEEP																							
404	46.11248306	-89.86189356	0	Little Star Lake	Vilas	7/19/2016		404	0			DEEP																							
405	46.11215905	-89.86189437	0	Little Star Lake	Vilas	7/19/2016		405	0			DEEP																							
406	46.11183505	-89.86189518	24	Little Star Lake	Vilas	7/19/2016	JLW & CJF	406	0			DEEP																							
407	46.11151104	-89.86189599	25	Little Star Lake	Vilas	7/19/2016	JLW & CJF	407	22		Rope	SAMPLED		0																					
408	46.12090662	-89.86140658	189	Little Star Lake	Vilas	7/19/2016	TWH & LJS	408	4	Sand	Pole	SAMPLED		0																					
409	46.12058262	-89.86140739	187	Little Star Lake	Vilas	7/19/2016	TWH & LJS	409	16	Rock	Pole	SAMPLED		0																					
410	46.12025861	-89.8614082	186	Little Star Lake	Vilas	7/19/2016	TWH & LJS	410	5	Sand	Pole	SAMPLED		1																					
411	46.11993461	-89.86140901	185	Little Star Lake	Vilas	7/19/2016	TWH & LJS	411	8	Sand	Pole	SAMPLED		1																					
412	46.11961106	-89.86140982	184	Little Star Lake	Vilas	7/19/2016	TWH & LJS	412	9	Sand	Pole	SAMPLED		0																					
413	46.1192866	-89.86141064	183	Little Star Lake	Vilas	7/19/2016	TWH & LJS	413	29			DEEP																							
414	46.11896259	-89.86141145	0	Little Star Lake	Vilas	7/19/2016		414	0			DEEP																							
415	46.11863859	-89.86141226	0	Little Star Lake	Vilas	7/19/2016		415	0			DEEP																							
416	46.11831458	-89.86141307	0	Little Star Lake	Vilas	7/19/2016		416	0			DEEP																							
417	46.11799058	-89.86141389	0	Little Star Lake	Vilas	7/19/2016		417	0			DEEP																							
418	46.11766657	-89.8614147	0	Little Star Lake	Vilas	7/19/2016		418	0			DEEP																							
419	46.11734257	-89.86141551	0	Little Star Lake	Vilas	7/19/2016		419	0			DEEP																							
420	46.11701856	-89.86141632	0	Little Star Lake	Vilas	7/19/2016		420	0			DEEP																							
421	46.11669456	-89.86141714	0	Little Star Lake	Vilas	7/19/2016		421	0			DEEP																							
422	46.11637055	-89.86141795	0	Little Star Lake	Vilas	7/19/2016		422	0			DEEP																							
423	46.11604655	-89.86141876	0	Little Star Lake	Vilas	7/19/2016		423	0			DEEP																							
424	46.11572254	-89.86141957	0	Little Star Lake	Vilas	7/19/2016		424	0			DEEP																							

Point Number	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	ID	Lake Name	County	Date	Field Crew	Point Number	Depth (ft)	Sediment	Pole/Rope	Comments	Notes	Nuisance	Total Rake Fullness	Bidens beckii	Ceratophyllum demersum	Chara spp.	Eleocharis acicularis	Eleocharis canadensis	Isocetes spp.	Juncus peltocarpus	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Potamogeton amplifolius	Potamogeton gramineus	Potamogeton praelongus	Potamogeton pusillus	Potamogeton zosteriformis	Sagittaria sp. (rosette)	Vallisneria spiralis	Freshwater sponge	Myriophyllum farwellii				
425	46.11539854	-89.86142038	0	Little Star Lake	Vilas	7/19/2016		425	0			DEEP																										
426	46.11507453	-89.8614212	0	Little Star Lake	Vilas	7/19/2016		426	0			DEEP																										
427	46.11475053	-89.86142201	0	Little Star Lake	Vilas	7/19/2016		427	0			DEEP																										
428	46.11442652	-89.86142282	0	Little Star Lake	Vilas	7/19/2016		428	0			DEEP																										
429	46.11410252	-89.86142363	0	Little Star Lake	Vilas	7/19/2016		429	0			DEEP																										
430	46.11377851	-89.86142444	0	Little Star Lake	Vilas	7/19/2016		430	0			DEEP																										
431	46.11345451	-89.86142526	0	Little Star Lake	Vilas	7/19/2016		431	0			DEEP																										
432	46.1131305	-89.86142607	0	Little Star Lake	Vilas	7/19/2016		432	0			DEEP																										
433	46.1128065	-89.86142688	0	Little Star Lake	Vilas	7/19/2016		433	0			DEEP																										
434	46.11248249	-89.86142769	0	Little Star Lake	Vilas	7/19/2016		434	0			DEEP																										
435	46.11215849	-89.8614285	23	Little Star Lake	Vilas	7/19/2016	JLW & CJF	435	0			DEEP																										
436	46.11183448	-89.86142932	22	Little Star Lake	Vilas	7/19/2016	JLW & CJF	436	18		Rope	SAMPLED			0																							
437	46.11151048	-89.86143013	21	Little Star Lake	Vilas	7/19/2016	JLW & CJF	437	6	Rock	Pole	SAMPLED			0																							
438	46.12123006	-89.86093982	188	Little Star Lake	Vilas	7/19/2016	TWH & LJS	438	0			TERRESTRIAL																										
439	46.12090605	-89.86094064	177	Little Star Lake	Vilas	7/19/2016	TWH & LJS	439	2	Sand	Pole	SAMPLED			0																							
440	46.12058205	-89.86094145	178	Little Star Lake	Vilas	7/19/2016	TWH & LJS	440	5	Sand	Pole	SAMPLED			1																							
441	46.12025804	-89.86094227	179	Little Star Lake	Vilas	7/19/2016	TWH & LJS	441	5	Sand	Pole	SAMPLED			2			1																				
442	46.11993404	-89.86094308	180	Little Star Lake	Vilas	7/19/2016	TWH & LJS	442	8	Sand	Pole	SAMPLED			1																							
443	46.11961004	-89.8609439	181	Little Star Lake	Vilas	7/19/2016	TWH & LJS	443	12	Sand	Pole	SAMPLED			1																							
444	46.11928603	-89.86094471	182	Little Star Lake	Vilas	7/19/2016	TWH & LJS	444	17			DEEP																										
445	46.11896203	-89.86094553	0	Little Star Lake	Vilas	7/19/2016		445	0			DEEP																										
446	46.11863802	-89.86094634	0	Little Star Lake	Vilas	7/19/2016		446	0			DEEP																										
447	46.11831402	-89.86094716	0	Little Star Lake	Vilas	7/19/2016		447	0			DEEP																										
448	46.11799001	-89.86094797	0	Little Star Lake	Vilas	7/19/2016		448	0			DEEP																										
449	46.11766601	-89.86094879	0	Little Star Lake	Vilas	7/19/2016		449	0			DEEP																										
450	46.117342	-89.8609496	0	Little Star Lake	Vilas	7/19/2016		450	0			DEEP																										
451	46.117018	-89.86095042	0	Little Star Lake	Vilas	7/19/2016		451	0			DEEP																										
452	46.11689399	-89.86095123	0	Little Star Lake	Vilas	7/19/2016		452	0			DEEP																										
453	46.11636999	-89.86095205	0	Little Star Lake	Vilas	7/19/2016		453	0			DEEP																										
454	46.11604598	-89.86095286	0	Little Star Lake	Vilas	7/19/2016		454	0			DEEP																										
455	46.11572198	-89.86095368	0	Little Star Lake	Vilas	7/19/2016		455	0			DEEP																										
456	46.11539797	-89.86095449	0	Little Star Lake	Vilas	7/19/2016		456	0			DEEP																										
457	46.11507397	-89.86095531	0	Little Star Lake	Vilas	7/19/2016		457	0			DEEP																										
458	46.11474996	-89.86095612	0	Little Star Lake	Vilas	7/19/2016		458	0			DEEP																										
459	46.11442596	-89.86095694	0	Little Star Lake	Vilas	7/19/2016		459	0			DEEP																										
460	46.11410195	-89.86095775	0	Little Star Lake	Vilas	7/19/2016		460	0			DEEP																										
461	46.11377795	-89.86095857	0	Little Star Lake	Vilas	7/19/2016		461	0			DEEP																										
462	46.11345394	-89.86095938	0	Little Star Lake	Vilas	7/19/2016		462	0			DEEP																										
463	46.11312994	-89.8609602	0	Little Star Lake	Vilas	7/19/2016		463	0			DEEP																										
464	46.11280593	-89.86096101	0	Little Star Lake	Vilas	7/19/2016		464	0			DEEP																										
465	46.11248193	-89.86096183	0	Little Star Lake	Vilas	7/19/2016		465	0			DEEP																										
466	46.11215792	-89.86096264	0	Little Star Lake	Vilas	7/19/2016		466	0			DEEP																										
467	46.11183392	-89.86096346	19	Little Star Lake	Vilas	7/19/2016	JLW & CJF	467	0			DEEP																										
468	46.11150991	-89.86096427	20	Little Star Lake	Vilas	7/19/2016	JLW & CJF	468	10	Sand	Pole	SAMPLED			0																							
469	46.12025748	-89.86047634	176	Little Star Lake	Vilas	7/19/2016	TWH & LJS	469	5	Sand	Pole	SAMPLED			0																							
470	46.11993347	-89.86047716	175	Little Star Lake	Vilas	7/19/2016	TWH & LJS	470	5	Sand	Pole	SAMPLED			0																							
471	46.11960947	-89.86047797	174	Little Star Lake	Vilas	7/19/2016	TWH & LJS	471	10	Sand	Pole	SAMPLED			2																							
472	46.11928546	-89.86047879	173	Little Star Lake	Vilas	7/19/2016	TWH & LJS	472	18			DEEP																										
473	46.11896146	-89.86047961	0	Little Star Lake	Vilas	7/19/2016		473	0			DEEP																										
474	46.11863745	-89.86048043	0	Little Star Lake	Vilas	7/19/2016		474	0			DEEP																										
475	46.11831345	-89.86048124	0	Little Star Lake	Vilas	7/19/2016		475	0			DEEP																										
476	46.11798944	-89.86048206	0	Little Star Lake	Vilas	7/19/2016		476	0			DEEP																										
477	46.11766544	-89.86048288	0	Little Star Lake	Vilas	7/19/2016		477	0			DEEP																										

Point Number	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	ID	Lake Name	County	Date	Field Crew	Point Number	Depth (ft)	Sediment	Pole/Rope	Comments	Notes	Nuisance	Total Rate Fullness	Bidens beckii	Ceratophyllum demersum	Chara spp.	Eleocharis acicularis	Eleocharis canadensis	Isocetes spp.	Juncus polycarpus	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Potamogeton amplifolius	Potamogeton gramineus	Potamogeton praelongus	Potamogeton pusillus	Potamogeton zosteriformis	Sagittaria sp. (rosette)	Vallisneria spiralis	Freshwater sponge	Myriophyllum farwellii		
478	46.11734144	-89.8604837	0	Little Star Lake	Vilas	7/19/2016		478	0			DEEP																								
479	46.11701743	-89.86048452	0	Little Star Lake	Vilas	7/19/2016		479	0			DEEP																								
480	46.11689343	-89.86048533	0	Little Star Lake	Vilas	7/19/2016		480	0			DEEP																								
481	46.11636942	-89.86048615	0	Little Star Lake	Vilas	7/19/2016		481	0			DEEP																								
482	46.11604542	-89.86048697	0	Little Star Lake	Vilas	7/19/2016		482	0			DEEP																								
483	46.11572141	-89.86048779	0	Little Star Lake	Vilas	7/19/2016		483	0			DEEP																								
484	46.11539741	-89.8604886	0	Little Star Lake	Vilas	7/19/2016		484	0			DEEP																								
485	46.1150734	-89.86048942	0	Little Star Lake	Vilas	7/19/2016		485	0			DEEP																								
486	46.1147494	-89.86049024	0	Little Star Lake	Vilas	7/19/2016		486	0			DEEP																								
487	46.11442539	-89.86049106	0	Little Star Lake	Vilas	7/19/2016		487	0			DEEP																								
488	46.11410139	-89.86049187	0	Little Star Lake	Vilas	7/19/2016		488	0			DEEP																								
489	46.11377738	-89.86049269	0	Little Star Lake	Vilas	7/19/2016		489	0			DEEP																								
490	46.11345338	-89.86049351	0	Little Star Lake	Vilas	7/19/2016		490	0			DEEP																								
491	46.11312937	-89.86049433	0	Little Star Lake	Vilas	7/19/2016		491	0			DEEP																								
492	46.11280537	-89.86049514	0	Little Star Lake	Vilas	7/19/2016		492	0			DEEP																								
493	46.11248136	-89.86049596	0	Little Star Lake	Vilas	7/19/2016		493	0			DEEP																								
494	46.11215736	-89.86049678	0	Little Star Lake	Vilas	7/19/2016		494	0			DEEP																								
495	46.11183335	-89.8604976	18	Little Star Lake	Vilas	7/19/2016	JLW & CJF	495	0			DEEP																								
496	46.11150935	-89.86049841	17	Little Star Lake	Vilas	7/19/2016	JLW & CJF	496	22		Rope	SAMPLED			0																					
497	46.12025691	-89.86001041	169	Little Star Lake	Vilas	7/19/2016	TWH & LJS	497	4	Sand	Pole	SAMPLED			1									1												
498	46.1199329	-89.86001123	170	Little Star Lake	Vilas	7/19/2016	TWH & LJS	498	5	Sand	Pole	SAMPLED			1		1										1									
499	46.1196089	-89.86001205	171	Little Star Lake	Vilas	7/19/2016	TWH & LJS	499	9	Sand	Pole	SAMPLED			1		1							1												
500	46.11928489	-89.86001287	172	Little Star Lake	Vilas	7/19/2016	TWH & LJS	500	22			DEEP																								
501	46.11896089	-89.86001369	0	Little Star Lake	Vilas	7/19/2016		501	0			DEEP																								
502	46.11863688	-89.86001451	0	Little Star Lake	Vilas	7/19/2016		502	0			DEEP																								
503	46.11831288	-89.86001533	0	Little Star Lake	Vilas	7/19/2016		503	0			DEEP																								
504	46.11798887	-89.86001615	0	Little Star Lake	Vilas	7/19/2016		504	0			DEEP																								
505	46.11766487	-89.86001697	0	Little Star Lake	Vilas	7/19/2016		505	0			DEEP																								
506	46.11734087	-89.86001779	0	Little Star Lake	Vilas	7/19/2016		506	0			DEEP																								
507	46.11701686	-89.86001861	0	Little Star Lake	Vilas	7/19/2016		507	0			DEEP																								
508	46.11669286	-89.86001943	0	Little Star Lake	Vilas	7/19/2016		508	0			DEEP																								
509	46.11636885	-89.86002025	0	Little Star Lake	Vilas	7/19/2016		509	0			DEEP																								
510	46.11604485	-89.86002107	0	Little Star Lake	Vilas	7/19/2016		510	0			DEEP																								
511	46.11572084	-89.86002189	0	Little Star Lake	Vilas	7/19/2016		511	0			DEEP																								
512	46.11539684	-89.86002271	0	Little Star Lake	Vilas	7/19/2016		512	0			DEEP																								
513	46.11507283	-89.86002353	0	Little Star Lake	Vilas	7/19/2016		513	0			DEEP																								
514	46.11474883	-89.86002435	0	Little Star Lake	Vilas	7/19/2016		514	0			DEEP																								
515	46.11442482	-89.86002517	0	Little Star Lake	Vilas	7/19/2016		515	0			DEEP																								
516	46.11410082	-89.86002599	0	Little Star Lake	Vilas	7/19/2016		516	0			DEEP																								
517	46.11377681	-89.86002681	0	Little Star Lake	Vilas	7/19/2016		517	0			DEEP																								
518	46.11345281	-89.86002763	0	Little Star Lake	Vilas	7/19/2016		518	0			DEEP																								
519	46.1131288	-89.86002846	0	Little Star Lake	Vilas	7/19/2016		519	0			DEEP																								
520	46.1128048	-89.86002928	0	Little Star Lake	Vilas	7/19/2016		520	0			DEEP																								
521	46.11248079	-89.8600301	0	Little Star Lake	Vilas	7/19/2016		521	0			DEEP																								
522	46.11215679	-89.86003092	0	Little Star Lake	Vilas	7/19/2016		522	0			DEEP																								
523	46.11183278	-89.86003174	0	Little Star Lake	Vilas	7/19/2016		523	0			DEEP																								
524	46.11150878	-89.86003256	16	Little Star Lake	Vilas	7/19/2016	JLW & CJF	524	0			DEEP																								
525	46.11118477	-89.86003338	15	Little Star Lake	Vilas	7/19/2016	JLW & CJF	525	6	Rock	Pole	SAMPLED			0																					
526	46.11993233	-89.8595453	168	Little Star Lake	Vilas	7/19/2016	TWH & LJS	526	4	Sand	Pole	SAMPLED			1			1						1												
527	46.11960833	-89.85954612	167	Little Star Lake	Vilas	7/19/2016	TWH & LJS	527	8	Sand	Pole	SAMPLED			1												1									
528	46.11928432	-89.85954694	166	Little Star Lake	Vilas	7/19/2016	TWH & LJS	528	18			DEEP																								
529	46.11896032	-89.85954777	165	Little Star Lake	Vilas	7/19/2016	TWH & LJS	529	28			DEEP																								
530	46.11863631	-89.85954859	0	Little Star Lake	Vilas	7/19/2016		530	0			DEEP																								

Point Number	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	ID	Lake Name	County	Date	Field Crew	Point Number	Depth (ft)	Sediment	Pole/Rope	Comments	Notes	Nuisance	Total Rate Fullness	Bidens beckii	Ceratophyllum demersum	Chara spp.	Eleocharis acicularis	Eleocharis canadensis	Ischaetes spp.	Juncus peltocarpus	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Potamogeton amplifolius	Potamogeton gramineus	Potamogeton praelongus	Potamogeton pusillus	Potamogeton robbineii	Potamogeton zosteriformis	Sagittaria sp. (rosette)	Vallisneria spiralis	Freshwater sponge	Myriophyllum farwellii			
531	46.11831231	-89.85954941	0	Little Star Lake	Vilas	7/19/2016		531	0			DEEP																										
532	46.1179883	-89.85955024	0	Little Star Lake	Vilas	7/19/2016		532	0			DEEP																										
533	46.1176643	-89.85955106	0	Little Star Lake	Vilas	7/19/2016		533	0			DEEP																										
534	46.11734029	-89.85955188	0	Little Star Lake	Vilas	7/19/2016		534	0			DEEP																										
535	46.11701629	-89.85955271	0	Little Star Lake	Vilas	7/19/2016		535	0			DEEP																										
536	46.11669228	-89.85955353	0	Little Star Lake	Vilas	7/19/2016		536	0			DEEP																										
537	46.11636828	-89.85955435	0	Little Star Lake	Vilas	7/19/2016		537	0			DEEP																										
538	46.11604427	-89.85955518	0	Little Star Lake	Vilas	7/19/2016		538	0			DEEP																										
539	46.11572027	-89.859556	0	Little Star Lake	Vilas	7/19/2016		539	0			DEEP																										
540	46.11539627	-89.85955682	0	Little Star Lake	Vilas	7/19/2016		540	0			DEEP																										
541	46.11507226	-89.85955765	0	Little Star Lake	Vilas	7/19/2016		541	0			DEEP																										
542	46.11474826	-89.85955847	0	Little Star Lake	Vilas	7/19/2016		542	0			DEEP																										
543	46.11442425	-89.85955929	0	Little Star Lake	Vilas	7/19/2016		543	0			DEEP																										
544	46.11410025	-89.85956012	0	Little Star Lake	Vilas	7/19/2016		544	0			DEEP																										
545	46.11377624	-89.85956094	0	Little Star Lake	Vilas	7/19/2016		545	0			DEEP																										
546	46.11345224	-89.85956176	0	Little Star Lake	Vilas	7/19/2016		546	0			DEEP																										
547	46.11312823	-89.85956258	0	Little Star Lake	Vilas	7/19/2016		547	0			DEEP																										
548	46.11280423	-89.85956341	0	Little Star Lake	Vilas	7/19/2016		548	0			DEEP																										
549	46.11248022	-89.85956423	0	Little Star Lake	Vilas	7/19/2016		549	0			DEEP																										
550	46.11215622	-89.85956505	0	Little Star Lake	Vilas	7/19/2016		550	0			DEEP																										
551	46.11183221	-89.85956588	0	Little Star Lake	Vilas	7/19/2016		551	0			DEEP																										
552	46.11150821	-89.8595667	14	Little Star Lake	Vilas	7/19/2016	JLW & CJF	552	0			DEEP																										
553	46.1111842	-89.85956752	13	Little Star Lake	Vilas	7/19/2016	JLW & CJF	553	18		Rope	SAMPLED			0																							
554	46.11960775	-89.8590802	162	Little Star Lake	Vilas	7/19/2016	TWH & LJS	554	4	Sand	Pole	SAMPLED			0																							
555	46.11928375	-89.85908102	163	Little Star Lake	Vilas	7/19/2016	TWH & LJS	555	9	Sand	Pole	SAMPLED			2		1						1							2								
556	46.11895974	-89.85908185	164	Little Star Lake	Vilas	7/19/2016	TWH & LJS	556	16			DEEP																										
557	46.11863574	-89.85908267	0	Little Star Lake	Vilas	7/19/2016		557	0			DEEP																										
558	46.11831173	-89.8590835	0	Little Star Lake	Vilas	7/19/2016		558	0			DEEP																										
559	46.11798773	-89.85908433	0	Little Star Lake	Vilas	7/19/2016		559	0			DEEP																										
560	46.11766373	-89.85908515	0	Little Star Lake	Vilas	7/19/2016		560	0			DEEP																										
561	46.11733972	-89.85908598	0	Little Star Lake	Vilas	7/19/2016		561	0			DEEP																										
562	46.11701572	-89.8590868	0	Little Star Lake	Vilas	7/19/2016		562	0			DEEP																										
563	46.11669171	-89.85908763	0	Little Star Lake	Vilas	7/19/2016		563	0			DEEP																										
564	46.11636771	-89.85908846	0	Little Star Lake	Vilas	7/19/2016		564	0			DEEP																										
565	46.1160437	-89.85908928	0	Little Star Lake	Vilas	7/19/2016		565	0			DEEP																										
566	46.1157197	-89.85909011	0	Little Star Lake	Vilas	7/19/2016		566	0			DEEP																										
567	46.11539569	-89.85909093	0	Little Star Lake	Vilas	7/19/2016		567	0			DEEP																										
568	46.11507169	-89.85909176	0	Little Star Lake	Vilas	7/19/2016		568	0			DEEP																										
569	46.11474768	-89.85909258	0	Little Star Lake	Vilas	7/19/2016		569	0			DEEP																										
570	46.11442368	-89.85909341	0	Little Star Lake	Vilas	7/19/2016		570	0			DEEP																										
571	46.11409967	-89.85909424	0	Little Star Lake	Vilas	7/19/2016		571	0			DEEP																										
572	46.11377567	-89.85909506	0	Little Star Lake	Vilas	7/19/2016		572	0			DEEP																										
573	46.11345166	-89.85909589	0	Little Star Lake	Vilas	7/19/2016		573	0			DEEP																										
574	46.11312766	-89.85909671	0	Little Star Lake	Vilas	7/19/2016		574	0			DEEP																										
575	46.11280365	-89.85909754	0	Little Star Lake	Vilas	7/19/2016		575	0			DEEP																										
576	46.11247965	-89.85909836	0	Little Star Lake	Vilas	7/19/2016		576	0			DEEP																										
577	46.11215664	-89.85909919	0	Little Star Lake	Vilas	7/19/2016		577	0			DEEP																										
578	46.11183164	-89.85910002	0	Little Star Lake	Vilas	7/19/2016		578	0			DEEP																										
579	46.11150763	-89.85910084	11	Little Star Lake	Vilas	7/19/2016	JLW & CJF	579	0			DEEP																										
580	46.11118363	-89.85910167	12	Little Star Lake	Vilas	7/19/2016	JLW & CJF	580	20		Rope	SAMPLED			0																							
581	46.11928317	-89.8586151	161	Little Star Lake	Vilas	7/19/2016	TWH & LJS	581	5	Sand	Pole	SAMPLED			2								2		1										1			
582	46.11895917	-89.85861593	160	Little Star Lake	Vilas	7/19/2016	TWH & LJS	582	8	Sand	Pole	SAMPLED			1		1							1														
583	46.11863516	-89.85861676	159	Little Star Lake	Vilas	7/19/2016	TWH & LJS	583	15			DEEP																										

Point Number	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	ID	Lake Name	County	Date	Field Crew	Point Number	Depth (ft)	Sediment	Pole/Rope	Comments	Notes	Nuisance	Total Rake Fullness	Bidens beckii	Ceratophyllum demersum	Chara spp.	Eleocharis acicularis	Eleocharis canadensis	Isocetes spp.	Juncus polycarpus	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Potamogeton amplifolius	Potamogeton gramineus	Potamogeton praelongus	Potamogeton pusillus	Potamogeton zosteriformis	Sagittaria sp. (rosette)	Vallisneria spiralis	Freshwater sponge	Myriophyllum farwellii			
584	46.11831116	-89.85861759	158	Little Star Lake	Vilas	7/19/2016	TWH & LJS	584	20			DEEP																									
585	46.11798715	-89.85861841	157	Little Star Lake	Vilas	7/19/2016	TWH & LJS	585	36			DEEP																									
586	46.11786315	-89.85861924	156	Little Star Lake	Vilas	7/19/2016	TWH & LJS	586	46			DEEP																									
587	46.11733915	-89.85862007	0	Little Star Lake	Vilas	7/19/2016		587	0			DEEP																									
588	46.11701514	-89.8586209	0	Little Star Lake	Vilas	7/19/2016		588	0			DEEP																									
589	46.11669114	-89.85862173	0	Little Star Lake	Vilas	7/19/2016		589	0			DEEP																									
590	46.11636713	-89.85862256	0	Little Star Lake	Vilas	7/19/2016		590	0			DEEP																									
591	46.11604313	-89.85862339	0	Little Star Lake	Vilas	7/19/2016		591	0			DEEP																									
592	46.11571912	-89.85862421	0	Little Star Lake	Vilas	7/19/2016		592	0			DEEP																									
593	46.11539512	-89.85862504	0	Little Star Lake	Vilas	7/19/2016		593	0			DEEP																									
594	46.11507111	-89.85862587	0	Little Star Lake	Vilas	7/19/2016		594	0			DEEP																									
595	46.11474711	-89.8586267	0	Little Star Lake	Vilas	7/19/2016		595	0			DEEP																									
596	46.1144231	-89.85862753	0	Little Star Lake	Vilas	7/19/2016		596	0			DEEP																									
597	46.1140991	-89.85862836	0	Little Star Lake	Vilas	7/19/2016		597	0			DEEP																									
598	46.11377509	-89.85862918	0	Little Star Lake	Vilas	7/19/2016		598	0			DEEP																									
599	46.11345109	-89.85863001	0	Little Star Lake	Vilas	7/19/2016		599	0			DEEP																									
600	46.11312708	-89.85863084	0	Little Star Lake	Vilas	7/19/2016		600	0			DEEP																									
601	46.11280308	-89.85863167	12	Little Star Lake	Vilas	7/19/2016	TWH & LJS	601	67			DEEP																									
602	46.11247907	-89.8586325	11	Little Star Lake	Vilas	7/19/2016	TWH & LJS	602	60			DEEP																									
603	46.11215507	-89.85863333	0	Little Star Lake	Vilas	7/19/2016		603	0			DEEP																									
604	46.11183106	-89.85863416	0	Little Star Lake	Vilas	7/19/2016		604	0			DEEP																									
605	46.11150706	-89.85863498	10	Little Star Lake	Vilas	7/19/2016	JLW & CJF	605	0			DEEP																									
606	46.11118305	-89.85863581	9	Little Star Lake	Vilas	7/19/2016	JLW & CJF	606	17		Rope	SAMPLED			0																						
607	46.11085905	-89.85863664	7	Little Star Lake	Vilas	7/19/2016	JLW & CJF	607	3	Rock	Pole	SAMPLED			0																						
608	46.11053504	-89.85863747	6	Little Star Lake	Vilas	7/19/2016	JLW & CJF	608	2	Rock	Pole	SAMPLED			0																						
609	46.11021104	-89.8586383	1	Little Star Lake	Vilas	7/19/2016	JLW & CJF	609	2	Rock	Pole	SAMPLED	7-19-16		0																						
610	46.11863459	-89.85815084	152	Little Star Lake	Vilas	7/19/2016	TWH & LJS	610	7	Sand	Pole	SAMPLED			2		1						1		1	1											
611	46.11831058	-89.85815167	153	Little Star Lake	Vilas	7/19/2016	TWH & LJS	611	8	Sand	Pole	SAMPLED			2		2						1														
612	46.11798658	-89.8581525	154	Little Star Lake	Vilas	7/19/2016	TWH & LJS	612	16	Sand	Pole	SAMPLED			0																						
613	46.11766257	-89.85815333	155	Little Star Lake	Vilas	7/19/2016	TWH & LJS	613	27			DEEP																									
614	46.11733857	-89.85815416	0	Little Star Lake	Vilas	7/19/2016		614	0			DEEP																									
615	46.11701456	-89.858155	0	Little Star Lake	Vilas	7/19/2016		615	0			DEEP																									
616	46.11669056	-89.85815583	0	Little Star Lake	Vilas	7/19/2016		616	0			DEEP																									
617	46.11636655	-89.85815666	0	Little Star Lake	Vilas	7/19/2016		617	0			DEEP																									
618	46.11604255	-89.85815749	0	Little Star Lake	Vilas	7/19/2016		618	0			DEEP																									
619	46.11571854	-89.85815832	0	Little Star Lake	Vilas	7/19/2016		619	0			DEEP																									
620	46.11539454	-89.85815915	0	Little Star Lake	Vilas	7/19/2016		620	0			DEEP																									
621	46.11507053	-89.85815998	0	Little Star Lake	Vilas	7/19/2016		621	0			DEEP																									
622	46.11474653	-89.85816081	0	Little Star Lake	Vilas	7/19/2016		622	0			DEEP																									
623	46.11442252	-89.85816165	0	Little Star Lake	Vilas	7/19/2016		623	0			DEEP																									
624	46.11409852	-89.85816248	0	Little Star Lake	Vilas	7/19/2016		624	0			DEEP																									
625	46.11377451	-89.85816331	0	Little Star Lake	Vilas	7/19/2016		625	0			DEEP																									
626	46.11345051	-89.85816414	0	Little Star Lake	Vilas	7/19/2016		626	0			DEEP																									
627	46.11312651	-89.85816497	0	Little Star Lake	Vilas	7/19/2016		627	0			DEEP																									
628	46.1128025	-89.8581658	13	Little Star Lake	Vilas	7/19/2016	TWH & LJS	628	60			DEEP																									
629	46.1124785	-89.85816663	10	Little Star Lake	Vilas	7/19/2016	TWH & LJS	629	40			DEEP																									
630	46.11215449	-89.85816746	4	Little Star Lake	Vilas	7/19/2016	TWH & LJS	630	32			DEEP																									
631	46.11183049	-89.8581683	3	Little Star Lake	Vilas	7/19/2016	TWH & LJS	631	18		Rope	SAMPLED			0																						
632	46.11150648	-89.85816913	2	Little Star Lake	Vilas	7/19/2016	TWH & LJS	632	17		Rope	SAMPLED			0																						
633	46.11118247	-89.85816996	1	Little Star Lake	Vilas	7/19/2016	TWH & LJS	633	15	Rock	Pole	SAMPLED			0																						
634	46.11085847	-89.85817079	8	Little Star Lake	Vilas	7/19/2016	JLW & CJF	634	12	Sand	Pole	SAMPLED			0																						
635	46.11053446	-89.85817162	5	Little Star Lake	Vilas	7/19/2016	JLW & CJF	635	11	Muck	Pole	SAMPLED			1								1														
636	46.11021046	-89.85817245	2	Little Star Lake	Vilas	7/19/2016	JLW & CJF	636	5	Muck	Pole	SAMPLED			0																						

Point Number	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	ID	Lake Name	County	Date	Field Crew	Point Number	Depth (ft)	Sediment	Pole/Rope	Comments	Notes	Nuisance	Total Rake Fullness	Bidens beckii	Ceratophyllum demersum	Chara spp.	Eleocharis acicularis	Eleocharis canadensis	Isocetes spp.	Juncus polycarpus	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Potamogeton amplifolius	Potamogeton gramineus	Potamogeton praelongus	Potamogeton pusillus	Potamogeton robbineii	Potamogeton zosteriformis	Sagittaria sp. (rosette)	Vallisneria spiralis	Freshwater sponge	Myriophyllum farwellii				
637	46.11831	-89.85768576	151	Little Star Lake	Vilas	7/19/2016	TWH & LJS	637	5	Sand	Pole	SAMPLED			1																								
638	46.117986	-89.85768659	150	Little Star Lake	Vilas	7/19/2016	TWH & LJS	638	8	Sand	Pole	SAMPLED			1																								
639	46.11766199	-89.85768742	149	Little Star Lake	Vilas	7/19/2016	TWH & LJS	639	9	Sand	Pole	SAMPLED			1		1						1																
640	46.11733799	-89.85768826	148	Little Star Lake	Vilas	7/19/2016	TWH & LJS	640	15			DEEP																											
641	46.11701398	-89.85768909	147	Little Star Lake	Vilas	7/19/2016	TWH & LJS	641	40			DEEP																											
642	46.11668998	-89.85768993	0	Little Star Lake	Vilas	7/19/2016		642	0			DEEP																											
643	46.11636597	-89.85769076	0	Little Star Lake	Vilas	7/19/2016		643	0			DEEP																											
644	46.11604197	-89.85769159	0	Little Star Lake	Vilas	7/19/2016		644	0			DEEP																											
645	46.11571797	-89.85769243	0	Little Star Lake	Vilas	7/19/2016		645	0			DEEP																											
646	46.11539396	-89.85769326	0	Little Star Lake	Vilas	7/19/2016		646	0			DEEP																											
647	46.11506996	-89.8576941	0	Little Star Lake	Vilas	7/19/2016		647	0			DEEP																											
648	46.11474595	-89.85769493	0	Little Star Lake	Vilas	7/19/2016		648	0			DEEP																											
649	46.11442195	-89.85769576	0	Little Star Lake	Vilas	7/19/2016		649	0			DEEP																											
650	46.11409794	-89.8576966	0	Little Star Lake	Vilas	7/19/2016		650	0			DEEP																											
651	46.11377394	-89.85769743	0	Little Star Lake	Vilas	7/19/2016		651	0			DEEP																											
652	46.11344993	-89.85769827	0	Little Star Lake	Vilas	7/19/2016		652	0			DEEP																											
653	46.11312593	-89.8576991	0	Little Star Lake	Vilas	7/19/2016		653	0			DEEP																											
654	46.11280192	-89.85769993	14	Little Star Lake	Vilas	7/19/2016	TWH & LJS	654	47			DEEP																											
655	46.11247792	-89.85770077	9	Little Star Lake	Vilas	7/19/2016	TWH & LJS	655	24			DEEP																											
656	46.11215391	-89.8577016	5	Little Star Lake	Vilas	7/19/2016	TWH & LJS	656	8	Rock	Pole	SAMPLED			0																								
657	46.11182991	-89.85770244	8	Little Star Lake	Vilas	7/19/2016	TWH & LJS	657	6	Rock	Pole	SAMPLED			0																								
658	46.11053389	-89.85770577	4	Little Star Lake	Vilas	7/19/2016	JLW & CJF	658	8	Sand	Pole	SAMPLED			0																								
659	46.11020988	-89.8577066	3	Little Star Lake	Vilas	7/19/2016	JLW & CJF	659	4	Rock	Pole	SAMPLED			0																								
660	46.11798542	-89.85722068	143	Little Star Lake	Vilas	7/19/2016	TWH & LJS	660	4	Sand	Pole	SAMPLED			0																								
661	46.11766141	-89.85722151	144	Little Star Lake	Vilas	7/19/2016	TWH & LJS	661	8	Sand	Pole	SAMPLED			1		1						1				1										1		
662	46.11733741	-89.85722235	145	Little Star Lake	Vilas	7/19/2016	TWH & LJS	662	9	Sand	Pole	SAMPLED			1		1						1																
663	46.1170134	-89.85722319	146	Little Star Lake	Vilas	7/19/2016	TWH & LJS	663	18			DEEP																											
664	46.1166894	-89.85722402	0	Little Star Lake	Vilas	7/19/2016		664	0			DEEP																											
665	46.11636539	-89.85722486	0	Little Star Lake	Vilas	7/19/2016		665	0			DEEP																											
666	46.11604139	-89.8572257	0	Little Star Lake	Vilas	7/19/2016		666	0			DEEP																											
667	46.11571738	-89.85722654	0	Little Star Lake	Vilas	7/19/2016		667	0			DEEP																											
668	46.11539338	-89.85722737	0	Little Star Lake	Vilas	7/19/2016		668	0			DEEP																											
669	46.11506937	-89.85722821	0	Little Star Lake	Vilas	7/19/2016		669	0			DEEP																											
670	46.11474537	-89.85722905	0	Little Star Lake	Vilas	7/19/2016		670	0			DEEP																											
671	46.11442136	-89.85722988	0	Little Star Lake	Vilas	7/19/2016		671	0			DEEP																											
672	46.11409736	-89.85723072	0	Little Star Lake	Vilas	7/19/2016		672	0			DEEP																											
673	46.11377335	-89.85723156	0	Little Star Lake	Vilas	7/19/2016		673	0			DEEP																											
674	46.11344935	-89.85723239	19	Little Star Lake	Vilas	7/19/2016	TWH & LJS	674	55			DEEP																											
675	46.11312535	-89.85723323	18	Little Star Lake	Vilas	7/19/2016	TWH & LJS	675	52			DEEP																											
676	46.11280134	-89.85723407	15	Little Star Lake	Vilas	7/19/2016	TWH & LJS	676	20			DEEP																											
677	46.11215333	-89.85723574	6	Little Star Lake	Vilas	7/19/2016	TWH & LJS	677	8	Sand	Pole	SAMPLED			0																								
678	46.11182933	-89.85723657	7	Little Star Lake	Vilas	7/19/2016	TWH & LJS	678	0			TERRESTRIAL																											
679	46.11766083	-89.85675561	142	Little Star Lake	Vilas	7/19/2016	TWH & LJS	679	4	Sand	Pole	SAMPLED			0																								
680	46.11733683	-89.85675644	141	Little Star Lake	Vilas	7/19/2016	TWH & LJS	680	5	Sand	Pole	SAMPLED			0																								
681	46.11701282	-89.85675728	140	Little Star Lake	Vilas	7/19/2016	TWH & LJS	681	8	Sand	Pole	SAMPLED			3	1																							
682	46.11668882	-89.85675812	139	Little Star Lake	Vilas	7/19/2016	TWH & LJS	682	9	Sand	Pole	SAMPLED			2	1	1							2															
683	46.11636481	-89.85675896	138	Little Star Lake	Vilas	7/19/2016	TWH & LJS	683	17			DEEP																											
684	46.11604081	-89.8567598	137	Little Star Lake	Vilas	7/19/2016	TWH & LJS	684	45			DEEP																											
685	46.1157168	-89.85676064	0	Little Star Lake	Vilas	7/19/2016		685	0			DEEP																											
686	46.1153928	-89.85676148	113	Little Star Lake	Vilas	7/19/2016	TWH & LJS	686	58			DEEP																											
687	46.11506879	-89.85676232	112	Little Star Lake	Vilas	7/19/2016	TWH & LJS	687	60			DEEP																											
688	46.11474479	-89.85676316	85	Little Star Lake	Vilas	7/19/2016	TWH & LJS	688	60			DEEP																											
689	46.11442078	-89.856764	84	Little Star Lake	Vilas	7/19/2016	TWH & LJS	689	56			DEEP																											

Point Number	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	ID	Lake Name	County	Date	Field Crew	Point Number	Depth (ft)	Sediment	Pole/Rope	Comments	Notes	Nuisance	Total Rate Fullness	Bidens beckii	Ceratophyllum demersum	Chara spp.	Eleocharis acicularis	Eleocharis canadensis	Isocetes spp.	Juncus polycarpus	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Potamogeton amplifolius	Potamogeton gramineus	Potamogeton praelongus	Potamogeton pusillus	Potamogeton zosteriformis	Sagittaria sp. (rosette)	Vallisneria spiralis	Freshwater sponge	Myriophyllum farwellii		
690	46.11409678	-89.85676484	0	Little Star Lake	Vilas	7/19/2016		690	0			DEEP																								
691	46.11377277	-89.85676568	54	Little Star Lake	Vilas	7/19/2016	TWH & LJS	691	54			DEEP																								
692	46.11344877	-89.85676652	20	Little Star Lake	Vilas	7/19/2016	TWH & LJS	692	51			DEEP																								
693	46.11312476	-89.85676736	17	Little Star Lake	Vilas	7/19/2016	TWH & LJS	693	22			DEEP																								
694	46.11701224	-89.85629138	133	Little Star Lake	Vilas	7/19/2016	TWH & LJS	694	4	Sand	Pole	SAMPLED		1												1										
695	46.11668823	-89.85629222	134	Little Star Lake	Vilas	7/19/2016	TWH & LJS	695	8	Sand	Pole	SAMPLED		1										1												
696	46.11636423	-89.85629306	135	Little Star Lake	Vilas	7/19/2016	TWH & LJS	696	9	Sand	Pole	SAMPLED		1										1												
697	46.11604022	-89.85629391	136	Little Star Lake	Vilas	7/19/2016	TWH & LJS	697	37			DEEP																								
698	46.11571622	-89.85629475	0	Little Star Lake	Vilas	7/19/2016		698	0			DEEP																								
699	46.11539221	-89.85629559	114	Little Star Lake	Vilas	7/19/2016	TWH & LJS	699	57			DEEP																								
700	46.11506821	-89.85629643	111	Little Star Lake	Vilas	7/19/2016	TWH & LJS	700	57			DEEP																								
701	46.1147442	-89.85629728	86	Little Star Lake	Vilas	7/19/2016	TWH & LJS	701	56			DEEP																								
702	46.1144202	-89.85629812	83	Little Star Lake	Vilas	7/19/2016	TWH & LJS	702	55			DEEP																								
703	46.11409619	-89.85629896	55	Little Star Lake	Vilas	7/19/2016	TWH & LJS	703	54			DEEP																								
704	46.11377219	-89.8562998	53	Little Star Lake	Vilas	7/19/2016	TWH & LJS	704	51			DEEP																								
705	46.11344818	-89.85630064	21	Little Star Lake	Vilas	7/19/2016	TWH & LJS	705	43			DEEP																								
706	46.11312418	-89.85630149	16	Little Star Lake	Vilas	7/19/2016	TWH & LJS	706	12	Rock	Pole	SAMPLED		0																						
707	46.11668764	-89.85582632	132	Little Star Lake	Vilas	7/19/2016	TWH & LJS	707	4	Sand	Pole	SAMPLED		0																						
708	46.11636364	-89.85582717	131	Little Star Lake	Vilas	7/19/2016	TWH & LJS	708	5	Sand	Pole	SAMPLED		0																						
709	46.11603963	-89.85582801	130	Little Star Lake	Vilas	7/19/2016	TWH & LJS	709	24			DEEP																								
710	46.11571563	-89.85582886	0	Little Star Lake	Vilas	7/19/2016		710	0			DEEP																								
711	46.11539163	-89.8558297	115	Little Star Lake	Vilas	7/19/2016	TWH & LJS	711	54			DEEP																								
712	46.11506762	-89.85583055	110	Little Star Lake	Vilas	7/19/2016	TWH & LJS	712	57			DEEP																								
713	46.11474362	-89.85583139	87	Little Star Lake	Vilas	7/19/2016	TWH & LJS	713	55			DEEP																								
714	46.11441961	-89.85583224	82	Little Star Lake	Vilas	7/19/2016	TWH & LJS	714	54			DEEP																								
715	46.11409561	-89.85583308	56	Little Star Lake	Vilas	7/19/2016	TWH & LJS	715	53			DEEP																								
716	46.1137716	-89.85583393	52	Little Star Lake	Vilas	7/19/2016	TWH & LJS	716	47			DEEP																								
717	46.1134476	-89.85583477	22	Little Star Lake	Vilas	7/19/2016	TWH & LJS	717	29			DEEP																								
718	46.11636305	-89.85536127	128	Little Star Lake	Vilas	7/19/2016	TWH & LJS	718	4	Sand	Pole	SAMPLED		0																						
719	46.11603905	-89.85536212	129	Little Star Lake	Vilas	7/19/2016	TWH & LJS	719	16			DEEP																								
720	46.11571504	-89.85536296	0	Little Star Lake	Vilas	7/19/2016		720	0			DEEP																								
721	46.11539104	-89.85536381	116	Little Star Lake	Vilas	7/19/2016	TWH & LJS	721	51			DEEP																								
722	46.11506703	-89.85536466	109	Little Star Lake	Vilas	7/19/2016	TWH & LJS	722	55			DEEP																								
723	46.11474303	-89.85536551	88	Little Star Lake	Vilas	7/19/2016	TWH & LJS	723	55			DEEP																								
724	46.11441902	-89.85536635	81	Little Star Lake	Vilas	7/19/2016	TWH & LJS	724	52			DEEP																								
725	46.11409502	-89.8553672	57	Little Star Lake	Vilas	7/19/2016	TWH & LJS	725	50			DEEP																								
726	46.11377101	-89.85536805	51	Little Star Lake	Vilas	7/19/2016	TWH & LJS	726	37			DEEP																								
727	46.11344701	-89.85536889	23	Little Star Lake	Vilas	7/19/2016	TWH & LJS	727	23			DEEP																								
728	46.11603846	-89.85489622	127	Little Star Lake	Vilas	7/19/2016	TWH & LJS	728	4	Sand	Pole	SAMPLED		1										1			1									
729	46.11571445	-89.85489707	126	Little Star Lake	Vilas	7/19/2016	TWH & LJS	729	28			DEEP																								
730	46.11539045	-89.85489792	117	Little Star Lake	Vilas	7/19/2016	TWH & LJS	730	40			DEEP																								
731	46.11506644	-89.85489877	108	Little Star Lake	Vilas	7/19/2016	TWH & LJS	731	51			DEEP																								
732	46.11474244	-89.85489962	89	Little Star Lake	Vilas	7/19/2016	TWH & LJS	732	52			DEEP																								
733	46.11441843	-89.85490047	80	Little Star Lake	Vilas	7/19/2016	TWH & LJS	733	51			DEEP																								
734	46.11409443	-89.85490132	58	Little Star Lake	Vilas	7/19/2016	TWH & LJS	734	48			DEEP																								
735	46.11377042	-89.85490217	50	Little Star Lake	Vilas	7/19/2016	TWH & LJS	735	34			DEEP																								
736	46.11344642	-89.85490302	24	Little Star Lake	Vilas	7/19/2016	TWH & LJS	736	9	Rock	Pole	SAMPLED		0																						
737	46.11603786	-89.85443032	124	Little Star Lake	Vilas	7/19/2016	TWH & LJS	737	4	Sand	Pole	SAMPLED		1			1	1									1									
738	46.11571386	-89.85443118	125	Little Star Lake	Vilas	7/19/2016	TWH & LJS	738	10	Sand	Pole	SAMPLED		1		1										1	1									
739	46.11538985	-89.85443203	118	Little Star Lake	Vilas	7/19/2016	TWH & LJS	739	24			DEEP																								
740	46.11506585	-89.85443288	107	Little Star Lake	Vilas	7/19/2016	TWH & LJS	740	44			DEEP																								
741	46.11474184	-89.85443374	90	Little Star Lake	Vilas	7/19/2016	TWH & LJS	741	49			DEEP																								
742	46.11441784	-89.85443459	79	Little Star Lake	Vilas	7/19/2016	TWH & LJS	742	50			DEEP																								

Point Number	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	ID	Lake Name	County	Date	Field Crew	Point Number	Depth (ft)	Sediment	Pole/Rope	Comments	Notes	Nuisance	Total Rate Fullness	Bidens beckii	Ceratophyllum demersum	Chara spp.	Eleocharis acicularis	Eleocharis canadensis	Isocetes spp.	Juncus pelocarpus	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Potamogeton amplifolius	Potamogeton gramineus	Potamogeton praelongus	Potamogeton pusillus	Potamogeton robbineii	Potamogeton zosterifolius	Sagittaria sp. (rosette)	Vallisneria spiralis	Freshwater sponge	Myriophyllum farwellii					
796	46.11473704	-89.85070666	98	Little Star Lake	Vilas	7/19/2016	TWH & LJS	796	4	Sand	Pole	SAMPLED			0																									
797	46.11441303	-89.85070754	71	Little Star Lake	Vilas	7/19/2016	TWH & LJS	797	5	Sand	Pole	SAMPLED			0																									
798	46.11408903	-89.85070841	67	Little Star Lake	Vilas	7/19/2016	TWH & LJS	798	12	Sand	Pole	SAMPLED			0																									
799	46.11376502	-89.85070929	41	Little Star Lake	Vilas	7/19/2016	TWH & LJS	799	25			DEEP																												
800	46.11344102	-89.85071016	35	Little Star Lake	Vilas	7/19/2016	TWH & LJS	800	15	Sand	Pole	SAMPLED			0																									
801	46.11311701	-89.85071104	38	Little Star Lake	Vilas	7/19/2016	TWH & LJS	801	2	Sand	Pole	SAMPLED			1			1																						
802	46.11441242	-89.85024165	69	Little Star Lake	Vilas	7/19/2016	TWH & LJS	802	4	Sand	Pole	SAMPLED			0																									
803	46.11408842	-89.85024253	70	Little Star Lake	Vilas	7/19/2016	TWH & LJS	803	9	Sand	Pole	SAMPLED			0																									
804	46.11376441	-89.85024341	40	Little Star Lake	Vilas	7/19/2016	TWH & LJS	804	14	Sand	Pole	SAMPLED			0																									
805	46.11344041	-89.85024429	36	Little Star Lake	Vilas	7/19/2016	TWH & LJS	805	7	Muck	Pole	SAMPLED			2	1									1										2					
806	46.11311164	-89.85024516	37	Little Star Lake	Vilas	7/19/2016	TWH & LJS	806	3	Sand	Pole	SAMPLED			1																									
807	46.11408781	-89.84977665	68	Little Star Lake	Vilas	7/19/2016	TWH & LJS	807	0			SWIM AREA																												
808	46.1137638	-89.84977753	39	Little Star Lake	Vilas	7/19/2016	TWH & LJS	808	0			SWIM AREA																												

Point Number	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	ID	Lake Name	County	Date	Field Crew	Point Number	Depth (ft)	Sediment	Pole, Rope	Comments	Notes	Nuisance	Total Rake Fullness	Ceratophyllum demersum	Chara spp.	Eleocharis palustris	Elodea canadensis	Heteranthera dubia	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Nymphaea odorata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton gramineus	Potamogeton puerillus	Potamogeton zosterifolius	Vallisneria spiralis	Filamentous algae
1				Vance Lake	Vilas	8/2/2017	TWH & AMS	1	2	Rock	Pole	SAMPLED			0																
2				Vance Lake	Vilas	8/2/2017	TWH & AMS	2	3	Sand	Pole	SAMPLED			0																
3				Vance Lake	Vilas	8/2/2017	TWH & AMS	3	5	Sand	Pole	SAMPLED			0																
4				Vance Lake	Vilas	8/2/2017	TWH & AMS	4	5	Sand	Pole	SAMPLED			0																
5				Vance Lake	Vilas	8/2/2017	TWH & AMS	5	6	Rock	Pole	SAMPLED			1	1															
6				Vance Lake	Vilas	8/2/2017	TWH & AMS	6	4	Rock	Pole	SAMPLED			0																
7				Vance Lake	Vilas	8/2/2017	TWH & AMS	7	12	Sand	Pole	SAMPLED			0																
8				Vance Lake	Vilas	8/2/2017	TWH & AMS	8	13	Sand	Pole	SAMPLED			0																
9				Vance Lake	Vilas	8/2/2017	TWH & AMS	9	10	Sand	Pole	SAMPLED			0																
10				Vance Lake	Vilas	8/2/2017	TWH & AMS	10	4	Sand	Pole	SAMPLED			0																
11				Vance Lake	Vilas	8/2/2017	TWH & AMS	11	3	Sand	Pole	SAMPLED			0																
12				Vance Lake	Vilas	8/2/2017	TWH & AMS	12	3	Rock	Pole	SAMPLED			0																
13				Vance Lake	Vilas	8/2/2017	TWH & AMS	13	1	Sand	Pole	SAMPLED			0																
14				Vance Lake	Vilas	8/2/2017	TWH & AMS	14	4	Sand	Pole	SAMPLED			0																
15				Vance Lake	Vilas	8/2/2017	TWH & AMS	15	6	Muck	Pole	SAMPLED			2	2															
16				Vance Lake	Vilas	8/2/2017	TWH & AMS	16	10	Rock	Pole	SAMPLED			0																
17				Vance Lake	Vilas	8/2/2017	TWH & AMS	17	14	Sand	Pole	SAMPLED			0																
18				Vance Lake	Vilas	8/2/2017	TWH & AMS	18	14	Sand	Pole	SAMPLED			0																
19				Vance Lake	Vilas	8/2/2017	TWH & AMS	19	9	Rock	Pole	SAMPLED			0																
20				Vance Lake	Vilas	8/2/2017	TWH & AMS	20	8	Rock	Pole	SAMPLED			0																
21				Vance Lake	Vilas	8/2/2017	TWH & AMS	21	4	Rock	Pole	SAMPLED			0																
22				Vance Lake	Vilas	8/2/2017	TWH & AMS	22	14	Sand	Pole	SAMPLED			0																
23				Vance Lake	Vilas	8/2/2017	TWH & AMS	23	15	Sand	Pole	SAMPLED			0																
24				Vance Lake	Vilas	8/2/2017	TWH & AMS	24	13	Rock	Pole	SAMPLED			0																
25				Vance Lake	Vilas	8/2/2017	TWH & AMS	25	13	Sand	Pole	SAMPLED			0																
26				Vance Lake	Vilas	8/2/2017	TWH & AMS	26	8	Muck	Pole	SAMPLED			1	1															
27				Vance Lake	Vilas	8/2/2017	TWH & AMS	27	5	Sand	Pole	SAMPLED			3	3															
28				Vance Lake	Vilas	8/2/2017	TWH & AMS	28	1	Rock	Pole	SAMPLED			0																
29				Vance Lake	Vilas	8/2/2017	TWH & AMS	29	2	Rock	Pole	SAMPLED			0																
30				Vance Lake	Vilas	8/2/2017	TWH & AMS	30	9	Rock	Pole	SAMPLED			0																
31				Vance Lake	Vilas	8/2/2017	TWH & AMS	31	6	Sand	Pole	SAMPLED			1																
32				Vance Lake	Vilas	8/2/2017	TWH & AMS	32	13	Sand	Pole	SAMPLED			0																
33				Vance Lake	Vilas	8/2/2017	TWH & AMS	33	15	Sand	Pole	SAMPLED			0																
34				Vance Lake	Vilas	8/2/2017	TWH & AMS	34	15	Sand	Pole	SAMPLED			0																
35				Vance Lake	Vilas	8/2/2017	TWH & AMS	35	15	Sand	Pole	SAMPLED			0																
36				Vance Lake	Vilas	8/2/2017	TWH & AMS	36	12	Sand	Pole	SAMPLED			0																
37				Vance Lake	Vilas	8/2/2017	TWH & AMS	37	3	Sand	Pole	SAMPLED			0																
38				Vance Lake	Vilas	8/2/2017	TWH & AMS	38	4	Sand	Pole	SAMPLED			0																
39				Vance Lake	Vilas	8/2/2017	TWH & AMS	39	14	Sand	Pole	SAMPLED			0																
40				Vance Lake	Vilas	8/2/2017	TWH & AMS	40	15	Sand	Pole	SAMPLED			0																
41				Vance Lake	Vilas	8/2/2017	TWH & AMS	41	15	Sand	Pole	SAMPLED			0																
42				Vance Lake	Vilas	8/2/2017	TWH & AMS	42	16	Sand	Pole	SAMPLED			0																
43				Vance Lake	Vilas	8/2/2017	TWH & AMS	43	13	Rock	Pole	SAMPLED			0																
44				Vance Lake	Vilas	8/2/2017	TWH & AMS	44	12	Rock	Pole	SAMPLED			0																
45				Vance Lake	Vilas	8/2/2017	TWH & AMS	45	15	Sand	Pole	SAMPLED			0																
46				Vance Lake	Vilas	8/2/2017	TWH & AMS	46	5	Rock	Pole	SAMPLED			0																
47				Vance Lake	Vilas	8/2/2017	TWH & AMS	47	7	Rock	Pole	SAMPLED			0																
48				Vance Lake	Vilas	8/2/2017	TWH & AMS	48	17			DEEP																			
49				Vance Lake	Vilas	8/2/2017	TWH & AMS	49	20			DEEP																			
50				Vance Lake	Vilas	8/2/2017	TWH & AMS	50	18			DEEP																			
51				Vance Lake	Vilas	8/2/2017	TWH & AMS	51	15	Muck	Pole	SAMPLED			0																
52				Vance Lake	Vilas	8/2/2017	TWH & AMS	52	15	Sand	Pole	SAMPLED			0																
53				Vance Lake	Vilas	8/2/2017	TWH & AMS	53	15	Sand	Pole	SAMPLED			0																
54				Vance Lake	Vilas	8/2/2017	TWH & AMS	54	14	Sand	Pole	SAMPLED			0																
55				Vance Lake	Vilas	8/2/2017	TWH & AMS	55	7	Sand	Pole	SAMPLED			0																
56				Vance Lake	Vilas	8/2/2017	TWH & AMS	56	1	Sand	Pole	SAMPLED			1																
57				Vance Lake	Vilas	8/2/2017	TWH & AMS	57	12	Sand	Pole	SAMPLED			1																
58				Vance Lake	Vilas	8/2/2017	TWH & AMS	58	14	Sand	Pole	SAMPLED			0																
59				Vance Lake	Vilas	8/2/2017	TWH & AMS	59	15	Sand	Pole	SAMPLED			0																

Point Number	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	ID	Lake Name	County	Date	Field Crew	Point Number	Depth (ft)	Sediment	Pole, Rope	Comments	Notes	Nuisance	Total Rake Fullness	Ceratophyllum demersum	Chara spp.	Eleocharis palustris	Elodea canadensis	Heteranthera dubia	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Nymphaea odorata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton gramineus	Potamogeton puerillus	Potamogeton zosterifolius	Vallisneria spiralis	Flaminius algae
60				Vance Lake	Vilas	8/2/2017	TWH & AMS	60	16	Sand	Pole	SAMPLED			0																
61				Vance Lake	Vilas	8/2/2017	TWH & AMS	61	18			DEEP																			
62				Vance Lake	Vilas	8/2/2017	TWH & AMS	62	22			DEEP																			
63				Vance Lake	Vilas	8/2/2017	TWH & AMS	63	15	Sand	Pole	SAMPLED			0																
64				Vance Lake	Vilas	8/2/2017	TWH & AMS	64	9	Rock	Pole	SAMPLED			0																
65				Vance Lake	Vilas	8/2/2017	TWH & AMS	65	6	Rock	Pole	SAMPLED			0																
66				Vance Lake	Vilas	8/2/2017	TWH & AMS	66	8	Rock	Pole	SAMPLED			0																
67				Vance Lake	Vilas	8/2/2017	TWH & AMS	67	11	Sand	Pole	SAMPLED			0																
68				Vance Lake	Vilas	8/2/2017	TWH & AMS	68	10	Sand	Pole	SAMPLED			0																
69				Vance Lake	Vilas	8/2/2017	TWH & AMS	69	17			DEEP																			
70				Vance Lake	Vilas	8/2/2017	TWH & AMS	70	18			DEEP																			
71				Vance Lake	Vilas	8/2/2017	TWH & AMS	71	17			DEEP																			
72				Vance Lake	Vilas	8/2/2017	TWH & AMS	72	14	Sand	Pole	SAMPLED			0																
73				Vance Lake	Vilas	8/2/2017	TWH & AMS	73	2	Sand	Pole	SAMPLED			0																
74				Vance Lake	Vilas	8/2/2017	TWH & AMS	74	2	Sand	Pole	SAMPLED			1																1
75				Vance Lake	Vilas	8/2/2017	TWH & AMS	75	2	Sand	Pole	SAMPLED			2			1													1
76				Vance Lake	Vilas	8/2/2017	TWH & AMS	76	6	Sand	Pole	SAMPLED			3	3		1	1	1			1								2
77				Vance Lake	Vilas	8/2/2017	TWH & AMS	77	18			DEEP																			
78				Vance Lake	Vilas	8/2/2017	TWH & AMS	78	18			DEEP																			
79				Vance Lake	Vilas	8/2/2017	TWH & AMS	79	13	Sand	Pole	SAMPLED			0																
80				Vance Lake	Vilas	8/2/2017	TWH & AMS	80	3	Rock	Pole	SAMPLED			0																
81				Vance Lake	Vilas	8/2/2017	TWH & AMS	81	10	Sand	Pole	SAMPLED			0																
82				Vance Lake	Vilas	8/2/2017	TWH & AMS	82	8	Sand	Pole	SAMPLED			0																
83				Vance Lake	Vilas	8/2/2017	TWH & AMS	83	3	Rock	Pole	SAMPLED			0																
84				Vance Lake	Vilas	8/2/2017	TWH & AMS	84	3	Rock	Pole	SAMPLED			0																
85				Vance Lake	Vilas	8/2/2017	TWH & AMS	85	1	Sand	Pole	SAMPLED			0																
86				Vance Lake	Vilas	8/2/2017	TWH & AMS	86	7	Sand	Pole	SAMPLED			0																
87				Vance Lake	Vilas	8/2/2017	TWH & AMS	87	3	Rock	Pole	SAMPLED			0																1
88				Vance Lake	Vilas	8/2/2017	TWH & AMS	88	0			SHALLOW																			
89				Vance Lake	Vilas	8/2/2017	TWH & AMS	89	6	Sand	Pole	SAMPLED			1										1						
90				Vance Lake	Vilas	8/2/2017	TWH & AMS	90	13	Sand	Pole	SAMPLED			0																
91				Vance Lake	Vilas	8/2/2017	TWH & AMS	91	18			DEEP																			
92				Vance Lake	Vilas	8/2/2017	TWH & AMS	92	7	Sand	Pole	SAMPLED			0																
93				Vance Lake	Vilas	8/2/2017	TWH & AMS	93	17			DEEP																			
94				Vance Lake	Vilas	8/2/2017	TWH & AMS	94	9	Sand	Rope	SAMPLED			0																
95				Vance Lake	Vilas	8/2/2017	TWH & AMS	95	2	Rock	Pole	SAMPLED			0																
96				Vance Lake	Vilas	8/2/2017	TWH & AMS	96	3	Rock	Pole	SAMPLED			0																
97				Vance Lake	Vilas	8/2/2017	TWH & AMS	97	14	Sand	Pole	SAMPLED			0																
98				Vance Lake	Vilas	8/2/2017	TWH & AMS	98	15	Sand	Pole	SAMPLED			0																
99				Vance Lake	Vilas	8/2/2017	TWH & AMS	99	3	Sand	Pole	SAMPLED			2		1					2		2							1
100				Vance Lake	Vilas	8/2/2017	TWH & AMS	100	3	Sand	Pole	SAMPLED			2		2					2									
101				Vance Lake	Vilas	8/2/2017	TWH & AMS	101	5	Sand	Pole	SAMPLED			2							1									
102				Vance Lake	Vilas	8/2/2017	TWH & AMS	102	3	Sand	Pole	SAMPLED			1											1					
103				Vance Lake	Vilas	8/2/2017	TWH & AMS	103	5	Sand	Pole	SAMPLED			0																
104				Vance Lake	Vilas	8/2/2017	TWH & AMS	104	14	Sand	Pole	SAMPLED			0																
105				Vance Lake	Vilas	8/2/2017	TWH & AMS	105	15	Muck	Pole	SAMPLED			0																
106				Vance Lake	Vilas	8/2/2017	TWH & AMS	106	16	Muck	Pole	SAMPLED			0																
107				Vance Lake	Vilas	8/2/2017	TWH & AMS	107	16	Muck	Pole	SAMPLED			0																
108				Vance Lake	Vilas	8/2/2017	TWH & AMS	108	7	Rock	Pole	SAMPLED			0																
109				Vance Lake	Vilas	8/2/2017	TWH & AMS	109	5	Rock	Pole	SAMPLED			0																
110				Vance Lake	Vilas	8/2/2017	TWH & AMS	110	14	Sand	Pole	SAMPLED			0																
111				Vance Lake	Vilas	8/2/2017	TWH & AMS	111	15	Sand	Pole	SAMPLED			0																
112				Vance Lake	Vilas	8/2/2017	TWH & AMS	112	15	Sand	Pole	SAMPLED			0																
113				Vance Lake	Vilas	8/2/2017	TWH & AMS	113	11	Sand	Pole	SAMPLED			0																
114				Vance Lake	Vilas	8/2/2017	TWH & AMS	114	2	Sand	Pole	SAMPLED			1																
115				Vance Lake	Vilas	8/2/2017	TWH & AMS	115	4	Sand	Pole	SAMPLED			0																
116				Vance Lake	Vilas	8/2/2017	TWH & AMS	116	12	Sand	Pole	SAMPLED			0																
117				Vance Lake	Vilas	8/2/2017	TWH & AMS	117	14	Sand	Pole	SAMPLED			0																
118				Vance Lake	Vilas	8/2/2017	TWH & AMS	118	11	Muck	Pole	SAMPLED			0																

Point Number	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	ID	Lake Name	County	Date	Field Crew	Point Number	Depth (ft)	Sediment	Pole, Rope	Comments	Notes	Nuisance	Total Rake Fullness	Ceratophyllum demersum	Chara spp.	Eleocharis palustris	Elodea canadensis	Heteranthera dubia	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Nymphaea odorata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton gramineus	Potamogeton pueillii	Potamogeton zosterifolius	Vallisneria spiralis	Filamentous algae
119				Vance Lake	Vilas	8/2/2017	TWH & AMS	119	2	Rock	Pole	SAMPLED			0																
120				Vance Lake	Vilas	8/2/2017	TWH & AMS	120	2	Rock	Pole	SAMPLED			0																
121				Vance Lake	Vilas	8/2/2017	TWH & AMS	121	4	Sand	Pole	SAMPLED			0																
122				Vance Lake	Vilas	8/2/2017	TWH & AMS	122	8	Sand	Pole	SAMPLED			0																
123				Vance Lake	Vilas	8/2/2017	TWH & AMS	123	2	Sand	Pole	SAMPLED			0																
124				Vance Lake	Vilas	8/2/2017	TWH & AMS	124	0			TERRESTRIAL																			

Point Number	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	ID	Lake Name	County	Date	Field Crew	Point Number	Depth (ft)	Sediment	Pole, Rope	Comments	Notes	Nuisance	Total Rate Filtrates	Bidens beckii	Ceratophyllum demersum	Chara spp.	Eleocharis acicularis	Elodea canadensis	Hydrilla flexilis	Najas variegata	Najas soderata	Pontederia cordata	Potamogeton filifolius	Potamogeton gramineus	Potamogeton nodosus	Potamogeton pectinatus	Potamogeton richardsonii	Potamogeton robbinali	Potamogeton spirillus	Potamogeton vassyl	Potamogeton zosteriformis	Sagittaria sp. (rock)to	Sparganium eurycarpum	Suckenia pectinata	Vallisneria spiralis	Freshwater sponge		
70	46.120925	-89.917378	58	Benson Lake	Vilas	8/2/2017	TWH & AMS	70	7	Rock	Pole	SAMPLED			0																									
71	46.132085	-89.916987	71	Benson Lake	Vilas	8/2/2017	TWH & AMS	71	2	Sand	Pole	SAMPLED			2																									
72	46.131815	-89.916987	70	Benson Lake	Vilas	8/2/2017	TWH & AMS	72	2	Sand	Pole	SAMPLED			3																									
73	46.131545	-89.916988	65	Benson Lake	Vilas	8/2/2017	TWH & AMS	73	5	Sand	Pole	SAMPLED			1																									
74	46.131275	-89.916988	64	Benson Lake	Vilas	8/2/2017	TWH & AMS	74	9	Sand	Pole	SAMPLED			0																									
75	46.131005	-89.916988	63	Benson Lake	Vilas	8/2/2017	TWH & AMS	75	13	Sand	Pole	SAMPLED			0																									
76	46.130735	-89.916989	62	Benson Lake	Vilas	8/2/2017	TWH & AMS	76	13	Sand	Pole	SAMPLED			0																									
77	46.130465	-89.916989	61	Benson Lake	Vilas	8/2/2017	TWH & AMS	77	13	Sand	Pole	SAMPLED			1																									
78	46.130195	-89.916990	60	Benson Lake	Vilas	8/2/2017	TWH & AMS	78	11	Sand	Pole	SAMPLED			0																									
79	46.129925	-89.916990	59	Benson Lake	Vilas	8/2/2017	TWH & AMS	79	8	Muck	Pole	SAMPLED			3	1																								
80	46.132355	-89.916598	72	Benson Lake	Vilas	8/2/2017	TWH & AMS	80	3	Sand	Pole	SAMPLED			2						2																			
81	46.132085	-89.916598	73	Benson Lake	Vilas	8/2/2017	TWH & AMS	81	12	Sand	Pole	SAMPLED			0																									
82	46.131815	-89.916599	74	Benson Lake	Vilas	8/2/2017	TWH & AMS	82	13	Sand	Pole	SAMPLED			0																									
83	46.131545	-89.916599	75	Benson Lake	Vilas	8/2/2017	TWH & AMS	83	13	Sand	Pole	SAMPLED			0																									
84	46.131275	-89.916600	76	Benson Lake	Vilas	8/2/2017	TWH & AMS	84	13	Sand	Pole	SAMPLED			0																									
85	46.131005	-89.916600	77	Benson Lake	Vilas	8/2/2017	TWH & AMS	85	11	Sand	Pole	SAMPLED			0																									
86	46.130735	-89.916600	78	Benson Lake	Vilas	8/2/2017	TWH & AMS	86	8	Sand	Pole	SAMPLED			3	1																								
87	46.130465	-89.916601	79	Benson Lake	Vilas	8/2/2017	TWH & AMS	87	2	Rock	Pole	SAMPLED			0																									
88	46.130195	-89.916601	88	Benson Lake	Vilas	8/2/2017	TWH & AMS	88	1	Rock	Pole	SAMPLED			0																									
89	46.129925	-89.916602	89	Benson Lake	Vilas	8/2/2017	TWH & AMS	89	3	Sand	Pole	SAMPLED			0																									
90	46.132625	-89.916209	97	Benson Lake	Vilas	8/2/2017	TWH & AMS	90	4	Sand	Pole	SAMPLED			3	1					2				1															
91	46.132355	-89.916210	96	Benson Lake	Vilas	8/2/2017	TWH & AMS	91	9	Sand	Pole	SAMPLED			1																									
92	46.132085	-89.916210	95	Benson Lake	Vilas	8/2/2017	TWH & AMS	92	12	Sand	Pole	SAMPLED			0																									
93	46.131815	-89.916210	94	Benson Lake	Vilas	8/2/2017	TWH & AMS	93	12	Muck	Pole	SAMPLED			0																									
94	46.131545	-89.916211	93	Benson Lake	Vilas	8/2/2017	TWH & AMS	94	12	Muck	Pole	SAMPLED			0																									
95	46.131275	-89.916211	92	Benson Lake	Vilas	8/2/2017	TWH & AMS	95	13	Sand	Pole	SAMPLED			0																									
96	46.131005	-89.916212	91	Benson Lake	Vilas	8/2/2017	TWH & AMS	96	12	Sand	Pole	SAMPLED			0																									
97	46.130735	-89.916212	90	Benson Lake	Vilas	8/2/2017	TWH & AMS	97	8	Sand	Pole	SAMPLED			0																									
98	46.132894	-89.915820	98	Benson Lake	Vilas	8/2/2017	TWH & AMS	98	6	Sand	Pole	SAMPLED			3						1						1													
99	46.132624	-89.915821	99	Benson Lake	Vilas	8/2/2017	TWH & AMS	99	12	Sand	Pole	SAMPLED			0																									
100	46.132354	-89.915821	100	Benson Lake	Vilas	8/2/2017	TWH & AMS	100	13	Muck	Pole	SAMPLED			0																									
101	46.132084	-89.915822	101	Benson Lake	Vilas	8/2/2017	TWH & AMS	101	12	Muck	Pole	SAMPLED			0																									
102	46.131814	-89.915822	102	Benson Lake	Vilas	8/2/2017	TWH & AMS	102	12	Muck	Pole	SAMPLED			0																									
103	46.131544	-89.915822	103	Benson Lake	Vilas	8/2/2017	TWH & AMS	103	12	Muck	Pole	SAMPLED			0																									
104	46.131274	-89.915823	104	Benson Lake	Vilas	8/2/2017	TWH & AMS	104	12	Sand	Pole	SAMPLED			0																									
105	46.131004	-89.915823	105	Benson Lake	Vilas	8/2/2017	TWH & AMS	105	10	Sand	Pole	SAMPLED			0																									
106	46.130734	-89.915824	106	Benson Lake	Vilas	8/2/2017	TWH & AMS	106	3	Rock	Pole	SAMPLED			2																									
107	46.132894	-89.915432	114	Benson Lake	Vilas	8/2/2017	TWH & AMS	107	4	Sand	Pole	SAMPLED			2						2																			
108	46.132624	-89.915432	113	Benson Lake	Vilas	8/2/2017	TWH & AMS	108	11	Sand	Pole	SAMPLED			0																									
109	46.132354	-89.915433	112	Benson Lake	Vilas	8/2/2017	TWH & AMS	109	13	Muck	Pole	SAMPLED			0																									
110	46.132084	-89.915433	111	Benson Lake	Vilas	8/2/2017	TWH & AMS	110	12	Sand	Pole	SAMPLED			0																									
111	46.131814	-89.915434	110	Benson Lake	Vilas	8/2/2017	TWH & AMS	111	12	Muck	Pole	SAMPLED			0																									
112	46.131544	-89.915434	109	Benson Lake	Vilas	8/2/2017	TWH & AMS	112	12	Muck	Pole	SAMPLED			0																									
113	46.131274	-89.915435	108	Benson Lake	Vilas	8/2/2017	TWH & AMS	113	12	Muck	Pole	SAMPLED			0																									
114	46.131004	-89.915435	107	Benson Lake	Vilas	8/2/2017	TWH & AMS	114	9	Rock	Pole	SAMPLED			1																									
115	46.132894	-89.915044	115	Benson Lake	Vilas	8/2/2017	TWH & AMS	115	2	Sand	Pole	SAMPLED			2												1													
116	46.132624	-89.915044	116	Benson Lake	Vilas	8/2/2017	TWH & AMS	116	8	Muck	Pole	SAMPLED			3																									
117	46.132354	-89.915045	117	Benson Lake	Vilas	8/2/2017	TWH & AMS	117	9	Sand	Pole	SAMPLED			2																									
118	46.132084	-89.915045	118	Benson Lake	Vilas	8/2/2017	TWH & AMS	118	10	Sand	Pole	SAMPLED			3																									
119	46.131814	-89.915045	119	Benson Lake	Vilas	8/2/2017	TWH & AMS	119	11	Sand	Pole	SAMPLED			0																									
120	46.131544	-89.915046	120	Benson Lake	Vilas	8/2/2017	TWH & AMS	120	10	Sand	Pole	SAMPLED			0																									
121	46.131274	-89.915046	121	Benson																																				