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## APPENDIX F

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### Aquatic Plant Survey Data



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	Myriophyllum spicatum	Potamogeton crispus	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Heteranthera dubia	Myriophyllum sibiricum	Nymphaea odorata	Potamogeton foliosus	Stuckenia pectinata	Vallisneria spiralis	
64	44.33081024	-89.18278618	8	Bass Lake	Waupaca	7/8/2016	JLW & JMB	64	5	Muck	Pole	SAMPLED			3	2	V			2							
65	44.33114237	-89.18278157	7	Bass Lake	Waupaca	7/8/2016	JLW & JMB	65	6	Muck	Pole	SAMPLED			3	3	1			1		1					
66	44.3314745	-89.18277696	4	Bass Lake	Waupaca	7/8/2016	JLW & JMB	66	5	Muck	Pole	SAMPLED			3	3					1						1
67	44.33180663	-89.18277235	2	Bass Lake	Waupaca	7/8/2016	JLW & JMB	57	2	Muck	Pole	SAMPLED			1				1	1							
68	44.33213876	-89.18276774	1	Bass Lake	Waupaca	7/8/2016	JLW & JMB	68	0			TERRESTRIAL															
75	44.3304748	-89.18232808	11	Bass Lake	Waupaca	7/8/2016	JLW & JMB	75	2	Muck	Pole	SAMPLED			2	2		1		1			1				1
76	44.33080693	-89.18232347	9	Bass Lake	Waupaca	7/8/2016	JLW & JMB	76	7	Muck	Pole	SAMPLED			2	1		1	2					1			
77	44.33113906	-89.18231885	6	Bass Lake	Waupaca	7/8/2016	JLW & JMB	77	7	Muck	Pole	SAMPLED			3	2	V		3						1		
78	44.33147119	-89.18231424	5	Bass Lake	Waupaca	7/8/2016	JLW & JMB	78	5	Muck	Pole	SAMPLED			2	2				2							
89	44.33047148	-89.18186537	12	Bass Lake	Waupaca	7/8/2016	JLW & JMB	89	4	Sand	Pole	SAMPLED			0												
90	44.33080361	-89.18186075	10	Bass Lake	Waupaca	7/8/2016	JLW & JMB	90	3	Muck	Pole	SAMPLED			3	2	1	1		1			1				1



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	Myriophyllum spicatum	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Heteranthera dubia	Myriophyllum sibiricum	Najas flexilis	Nymphaea odorata	Stuckenia pectinata	Vallisneria americana
60	44.32782106	-89.18282769	34	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	60	2	Sand	Pole	SAMPLED			2	1						1	1	1	
61	44.32815319	-89.18282308	33	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	61	4	Sand	Pole	SAMPLED			2	1		2			1				1
62	44.32848532	-89.18281847	28	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	62	3	Sand	Pole	SAMPLED			1	1		1							
69	44.32748562	-89.18236961	40	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	69	2	Sand	Pole	SAMPLED			2	1		1				1			1
70	44.32781775	-89.182365	35	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	70	35			DEEP													
71	44.32814988	-89.18236038	32	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	71	53			DEEP													
72	44.32848201	-89.18235577	27	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	72	46			DEEP													
73	44.32881414	-89.18235115	43	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	73	11	Sand	Pole	SAMPLED			1	1		1							
74	44.32914627	-89.18234654	24	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	74	0			TERRESTRIAL													
79	44.32715017	-89.18191154	41	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	79	25		Rope	SAMPLED			0										
80	44.3274823	-89.18190692	39	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	80	52			DEEP													
81	44.32781443	-89.1819023	36	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	81	54			DEEP													
82	44.32814657	-89.18189769	31	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	82	54			DEEP													
83	44.3284787	-89.18189307	26	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	83	45			DEEP													
84	44.32881083	-89.18188845	25	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	84	45			DEEP													
85	44.32914296	-89.18188384	23	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	85	30			DEEP													
86	44.32947509	-89.18187922	16	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	86	24		Rope	SAMPLED			0										
87	44.32980722	-89.1818746	15	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	87	10	Muck	Pole	SAMPLED			2	V		1	2						1
88	44.33013935	-89.18186998	1	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	88	5	Muck	Pole	SAMPLED			1	1	1			1					1
91	44.32714686	-89.18144885	42	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	91	12	Muck	Pole	SAMPLED			2	2									
92	44.32747899	-89.18144423	38	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	92	41			DEEP													
93	44.32781112	-89.18143961	37	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	93	47			DEEP													
94	44.32814325	-89.18143499	30	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	94	34			DEEP													
95	44.32847538	-89.18143037	29	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	95	45			DEEP													
96	44.32880751	-89.18142575	44	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	96	32			DEEP													
97	44.32913964	-89.18142113	22	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	97	36			DEEP													
98	44.32947178	-89.18141651	17	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	98	44			DEEP													
99	44.32980391	-89.18141189	14	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	99	0			DEEP													
100	44.33013604	-89.18140727	2	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	100	27		Rope	SAMPLED			0										
101	44.32913633	-89.18095843	21	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	101	7	Sand	Pole	SAMPLED			2	2									1
102	44.32946846	-89.18095381	18	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	102	43			DEEP													
103	44.32980059	-89.18094918	13	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	103	0			DEEP													
104	44.33013272	-89.18094456	3	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	104	24		Rope	SAMPLED			0										
105	44.32913301	-89.18049572	20	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	105	4	Sand	Pole	SAMPLED			1			1					1		
106	44.32946514	-89.1804911	19	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	106	3	Sand	Pole	SAMPLED			3	1		3							1
107	44.32979727	-89.18048647	4	Beasley Lake	Waupaca	7/8/2016	JLW & JMB	107	3	Sand	Pole	SAMPLED			2	V		2			1				1



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0	44.32838043	-89.17809199	10	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	0	1	Muck	Pole	SAMPLED			1	V	1								
1	44.32738552	-89.17764538	59	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	1	1	Muck	Pole	SAMPLED			1		1			1					
2	44.32771605	-89.17764076	60	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	2	2	Sand	Pole	SAMPLED			1		1								
3	44.32804658	-89.17763614	9	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	3	1	Muck	Pole	SAMPLED			1		1								
4	44.32837711	-89.17763152	11	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	4	2	Muck	Pole	SAMPLED			1		1								
5	44.32870765	-89.17762691	16	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	5	1	Muck	Pole	SAMPLED			1	V	1			1					
6	44.32969924	-89.17761305	31	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	6	2	Muck	Pole	SAMPLED			1	V				1					
7	44.33002977	-89.17760843	0	Columbia Lake	Waupaca	7/8/2016		7	0			DEEP													
8	44.3313519	-89.17758995	44	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	8	2	Muck	Pole	SAMPLED			0										
9	44.33168243	-89.17758533	49	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	9	6	Muck	Pole	SAMPLED			2	2	1						1		
10	44.33201296	-89.17758071	50	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	10	6	Muck	Pole	SAMPLED			1				1			1		1	
11	44.32705167	-89.17718954	58	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	11	1	Muck	Pole	SAMPLED			1		1								
12	44.3273822	-89.17718492	57	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	12	2	Muck	Pole	SAMPLED			1		1								
13	44.32771273	-89.1771803	62	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	13	2	Muck	Pole	SAMPLED			1		1								
14	44.32804327	-89.17717567	8	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	14	2	Muck	Pole	SAMPLED			1		1								
15	44.3283738	-89.17717105	12	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	15	2	Muck	Pole	SAMPLED			1		1		1		1				
16	44.32870433	-89.17716643	15	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	16	3	Muck	Pole	SAMPLED			1		1								
17	44.32903486	-89.17716181	24	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	17	4	Muck	Pole	SAMPLED			1		1								
18	44.32936539	-89.17715719	25	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	18	3	Sand	Pole	SAMPLED			1		1								
19	44.32969592	-89.17715257	30	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	19	4	Muck	Pole	SAMPLED			1		1								
20	44.33002646	-89.17714795	32	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	20	8	Muck	Pole	SAMPLED			2	1	2					1			
21	44.33035699	-89.17714333	37	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	21	5	Muck	Pole	SAMPLED			1		1								
22	44.33068752	-89.1771387	38	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	22	3	Sand	Pole	SAMPLED			1		1								
23	44.33101805	-89.17713408	43	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	23	3	Sand	Pole	SAMPLED			0										
24	44.33134858	-89.17712946	45	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	24	20		Rope	SAMPLED			1						1				
25	44.33167911	-89.17712484	48	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	25	35			DEEP													
26	44.33200964	-89.17712022	51	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	26	24		Rope	SAMPLED			1						1				
27	44.33234018	-89.17711559	16	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	27	0			TERRESTRIAL													
28	44.32737889	-89.17672445	56	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	28	2	Muck	Pole	SAMPLED			1		1								
29	44.32770942	-89.17671983	61	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	29	4	Sand	Pole	SAMPLED			0										
30	44.32803995	-89.17671521	7	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	30	2	Sand	Pole	SAMPLED			0										
31	44.32837048	-89.17671058	13	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	31	1	Rock	Pole	SAMPLED			0										
32	44.32870101	-89.17670596	17	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	32	7	Muck	Pole	SAMPLED			1		1								
33	44.32903154	-89.17670134	23	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	33	23		Rope	SAMPLED			1		1								
34	44.32936207	-89.17669671	26	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	34	15	Muck	Pole	SAMPLED			2		1								
35	44.32969261	-89.17669209	29	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	35	25		Rope	SAMPLED			1		1								
36	44.33002314	-89.17668746	33	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	36	25		Rope	SAMPLED			1		1								
37	44.33035367	-89.17668284	36	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	37	37			DEEP													
38	44.3306842	-89.17667822	39	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	38	20		Rope	SAMPLED			1		1								
39	44.33101473	-89.17667359	42	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	39	28		Rope	SAMPLED			0										
40	44.33134526	-89.17666897	46	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	40	45			DEEP													
41	44.33167579	-89.17666434	47	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	41	50			DEEP													

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42	44.33200633	-89.17665972	52	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	42	35			DEEP												
43	44.33233686	-89.17665509	15	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	43	7	Muck	Pole	SAMPLED			2				1			2		
44	44.32737557	-89.17626399	55	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	44	2	Sand	Pole	SAMPLED			1	1								
45	44.3277061	-89.17625937	63	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	45	5	Sand	Pole	SAMPLED			1	1								
46	44.32803663	-89.17625474	6	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	46	5	Muck	Pole	SAMPLED			1	1								
47	44.32836716	-89.17625011	14	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	47	15	Muck	Pole	SAMPLED			2	2								
48	44.32869769	-89.17624549	18	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	48	25		Rope	SAMPLED			1					1				
49	44.32902822	-89.17624086	22	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	49	57			DEEP												
50	44.32935875	-89.17623623	27	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	50	55			DEEP												
51	44.32968929	-89.17623161	28	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	51	60			DEEP												
52	44.33001982	-89.17622698	34	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	52	50			DEEP												
53	44.33035035	-89.17622235	35	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	53	64			DEEP												
54	44.33068088	-89.17621773	40	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	54	46			DEEP												
55	44.33101141	-89.1762131	41	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	55	52			DEEP												
56	44.33134194	-89.17620847	0	Columbia Lake	Waupaca	7/8/2016		56	0			DEEP												
57	44.33167247	-89.17620385	0	Columbia Lake	Waupaca	7/8/2016		57	0			DEEP												
58	44.33200301	-89.17619922	0	Columbia Lake	Waupaca	7/8/2016		58	0			DEEP												
59	44.33233354	-89.17619459	17	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	59	16	Muck	Pole	SAMPLED			1	1								
60	44.33266407	-89.17618997	13	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	60	0			TERRESTRIAL												
61	44.32671118	-89.17581279	50	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	61	0			TERRESTRIAL												
62	44.32704171	-89.17580816	52	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	62	1	Sand	Pole	SAMPLED			0									
63	44.32737224	-89.17580353	54	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	63	1	Rock	Pole	SAMPLED			0									
64	44.32770278	-89.1757989	64	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	64	6	Sand	Pole	SAMPLED			0									
65	44.32803331	-89.17579427	5	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	65	13	Muck	Pole	SAMPLED			2	2								
66	44.32836384	-89.17578964	20	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	66	35			DEEP												
67	44.32869437	-89.17578502	19	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	67	60			DEEP												
68	44.3290249	-89.17578039	21	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	68	67			DEEP												
69	44.32935543	-89.17577576	0	Columbia Lake	Waupaca	7/8/2016		69	0			DEEP												
70	44.32968596	-89.17577113	0	Columbia Lake	Waupaca	7/8/2016		70	0			DEEP												
71	44.3300165	-89.1757665	0	Columbia Lake	Waupaca	7/8/2016		71	0			DEEP												
72	44.33034703	-89.17576187	0	Columbia Lake	Waupaca	7/8/2016		72	0			DEEP												
73	44.33067756	-89.17575724	0	Columbia Lake	Waupaca	7/8/2016		73	0			DEEP												
74	44.33100809	-89.17575261	0	Columbia Lake	Waupaca	7/8/2016		74	0			DEEP												
75	44.33133862	-89.17574798	0	Columbia Lake	Waupaca	7/8/2016		75	0			DEEP												
76	44.33166915	-89.17574335	0	Columbia Lake	Waupaca	7/8/2016		76	0			DEEP												
77	44.33199968	-89.17573872	0	Columbia Lake	Waupaca	7/8/2016		77	0			DEEP												
78	44.33233021	-89.17573409	18	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	78	24		Rope	SAMPLED			0									
79	44.33266075	-89.17572946	14	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	79	1	Sand	Pole	SAMPLED			0									
80	44.32637733	-89.17535696	48	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	80	2	Muck	Pole	SAMPLED			1	1	1		1					
81	44.32670786	-89.17535233	49	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	81	4	Sand	Pole	SAMPLED			1	1								
82	44.32703839	-89.1753477	51	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	82	4	Sand	Pole	SAMPLED			1	1								
83	44.32736892	-89.17534307	53	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	83	8	Sand	Pole	SAMPLED			1	1								



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84	44.32769945	-89.17533844	1	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	84	25		Rope	SAMPLED			1	1									
85	44.32802998	-89.17533381	4	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	85	32			DEEP													
86	44.32836051	-89.17532918	0	Columbia Lake	Waupaca	7/8/2016		86	0			DEEP													
87	44.32869105	-89.17532454	0	Columbia Lake	Waupaca	7/8/2016		87	0			DEEP													
88	44.32902158	-89.17531991	0	Columbia Lake	Waupaca	7/8/2016		88	0			DEEP													
89	44.32935211	-89.17531528	0	Columbia Lake	Waupaca	7/8/2016		89	0			DEEP													
90	44.32968264	-89.17531065	0	Columbia Lake	Waupaca	7/8/2016		90	0			DEEP													
91	44.33001317	-89.17530602	0	Columbia Lake	Waupaca	7/8/2016		91	0			DEEP													
92	44.3303437	-89.17530138	0	Columbia Lake	Waupaca	7/8/2016		92	0			DEEP													
93	44.33067423	-89.17529675	0	Columbia Lake	Waupaca	7/8/2016		93	0			DEEP													
94	44.33100477	-89.17529212	0	Columbia Lake	Waupaca	7/8/2016		94	0			DEEP													
95	44.3313353	-89.17528749	0	Columbia Lake	Waupaca	7/8/2016		95	0			DEEP													
96	44.33166583	-89.17528286	0	Columbia Lake	Waupaca	7/8/2016		96	0			DEEP													
97	44.33199636	-89.17527822	0	Columbia Lake	Waupaca	7/8/2016		97	0			DEEP													
98	44.33232689	-89.17527359	19	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	98	30		Rope	SAMPLED			0										
99	44.33265742	-89.17526896	12	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	99	1	Sand	Pole	SAMPLED			1	1	1								
100	44.332670453	-89.17489188	47	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	100	4	Sand	Pole	SAMPLED			1	1									
101	44.32703506	-89.17488724	46	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	101	29		Rope	SAMPLED			1	1									
102	44.32736559	-89.17488261	45	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	102	35			DEEP													
103	44.32769613	-89.17487797	2	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	103	42			DEEP													
104	44.32802666	-89.17487334	3	Columbia Lake	Waupaca	7/8/2016	JLW & JMB	104	70			DEEP													
105	44.32835719	-89.17486871	0	Columbia Lake	Waupaca	7/8/2016		105	0			DEEP													
106	44.32868772	-89.17486407	0	Columbia Lake	Waupaca	7/8/2016		106	0			DEEP													
107	44.32901825	-89.17485944	0	Columbia Lake	Waupaca	7/8/2016		107	0			DEEP													
108	44.32934878	-89.1748548	0	Columbia Lake	Waupaca	7/8/2016		108	0			DEEP													
109	44.32967931	-89.17485017	0	Columbia Lake	Waupaca	7/8/2016		109	0			DEEP													
110	44.33000985	-89.17484553	0	Columbia Lake	Waupaca	7/8/2016		110	0			DEEP													
111	44.33034038	-89.1748409	0	Columbia Lake	Waupaca	7/8/2016		111	0			DEEP													
112	44.33067091	-89.17483626	0	Columbia Lake	Waupaca	7/8/2016		112	0			DEEP													
113	44.33100144	-89.17483163	0	Columbia Lake	Waupaca	7/8/2016		113	0			DEEP													
114	44.33133197	-89.174827	0	Columbia Lake	Waupaca	7/8/2016		114	0			DEEP													
115	44.3316625	-89.17482236	0	Columbia Lake	Waupaca	7/8/2016		115	0			DEEP													
116	44.33199303	-89.17481773	0	Columbia Lake	Waupaca	7/8/2016		116	0			DEEP													
117	44.33232356	-89.17481309	20	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	117	22		Rope	SAMPLED			1	1	1								
118	44.3326541	-89.17480846	11	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	118	2	Sand	Pole	SAMPLED			1	1									
119	44.3267012	-89.17443142	131	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	119	5	Sand	Pole	SAMPLED			1	1									
120	44.32703174	-89.17442678	132	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	120	21		Rope	SAMPLED			1							1			
121	44.32736227	-89.17442215	130	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	121	0			DEEP													
122	44.3276928	-89.17441751	0	Columbia Lake	Waupaca	7/8/2016		122	0			DEEP													
123	44.32802333	-89.17441287	0	Columbia Lake	Waupaca	7/8/2016		123	0			DEEP													
124	44.32835386	-89.17440824	0	Columbia Lake	Waupaca	7/8/2016		124	0			DEEP													
125	44.32868439	-89.1744036	0	Columbia Lake	Waupaca	7/8/2016		125	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	Myriophyllum spicatum	Chara spp.	Eleocharis acicularis	Elodea canadensis	Najas flexilis	Nitella spp.	Potamogeton illinoensis	Stuckenia pectinata	Vallisneria americana	Sagittaria cristata	
126	44.32901492	-89.17439896	79	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	126	0			DEEP														
127	44.32934546	-89.17439433	78	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	127	0			DEEP														
128	44.32967599	-89.17438969	63	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	128	0			DEEP														
129	44.33000652	-89.17438505	0	Columbia Lake	Waupaca	7/8/2016		129	0			DEEP														
130	44.33033705	-89.17438041	0	Columbia Lake	Waupaca	7/8/2016		130	0			DEEP														
131	44.33066758	-89.17437578	0	Columbia Lake	Waupaca	7/8/2016		131	0			DEEP														
132	44.33099811	-89.17437114	0	Columbia Lake	Waupaca	7/8/2016		132	0			DEEP														
133	44.33132864	-89.1743665	0	Columbia Lake	Waupaca	7/8/2016		133	0			DEEP														
134	44.33165917	-89.17436187	34	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	134	0			DEEP														
135	44.33198971	-89.17435723	33	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	135	31			DEEP														
136	44.33232024	-89.17435259	21	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	136	9	Muck	Pole	SAMPLED			2	2										
137	44.33265077	-89.17434795	10	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	137	2	Sand	Pole	SAMPLED			1	1										
138	44.32702841	-89.17396632	133	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	138	5	Sand	Pole	SAMPLED			0											
139	44.32735894	-89.17396168	129	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	139	31			DEEP														
140	44.32768947	-89.17395705	113	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	140	45			DEEP														
141	44.32802	-89.17395241	114	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	141	50			DEEP														
142	44.32835053	-89.17394777	96	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	142	0			DEEP														
143	44.32868106	-89.17394313	95	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	143	0			DEEP														
144	44.3290116	-89.17393849	80	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	144	9	Muck	Pole	SAMPLED			1	1							1			
145	44.32934213	-89.17393385	77	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	145	16		Rope	SAMPLED			1	1										
146	44.32967266	-89.17392921	62	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	146	25		Rope	SAMPLED			2	2										
147	44.33000319	-89.17392457	61	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	147	0			DEEP														
148	44.33033372	-89.17391993	55	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	148	0			DEEP														
149	44.33066425	-89.17391529	54	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	149	0			DEEP														
150	44.33099478	-89.17391065	51	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	150	0			DEEP														
151	44.33132531	-89.17390601	0	Columbia Lake	Waupaca	7/8/2016		151	0			DEEP														
152	44.33165585	-89.17390137	35	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	152	0			DEEP														
153	44.33198638	-89.17389673	32	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	153	16		Rope	SAMPLED			2	2										
154	44.33231691	-89.17389209	22	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	154	7	Sand	Pole	SAMPLED			1	1										
155	44.33264744	-89.17388745	9	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	155	4	Sand	Pole	SAMPLED			2	2							1			
156	44.33297797	-89.17388281	6	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	156	0			DOCK														
157	44.32735561	-89.17350122	128	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	157	5	Sand	Pole	SAMPLED			1	1				1						
158	44.32768614	-89.17349658	112	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	158	20		Rope	SAMPLED			0											
159	44.32801667	-89.17349194	115	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	159	0			DEEP														
160	44.3283472	-89.1734873	97	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	160	0			DEEP														
161	44.32867773	-89.17348266	94	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	161	20		Rope	SAMPLED			1	1										
162	44.32900826	-89.17347801	81	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	162	6	Sand	Pole	SAMPLED			2	2							1	1		
163	44.3293388	-89.17347337	76	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	163	6	Sand	Pole	SAMPLED			2	2										
164	44.32966933	-89.17346873	64	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	164	8	Sand	Pole	SAMPLED			2	2										
165	44.32999986	-89.17346409	60	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	165	15		Rope	SAMPLED			1	1										
166	44.33033039	-89.17345945	56	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	166	22		Rope	SAMPLED			0											
167	44.33066092	-89.1734548	52	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	167	17		Rope	SAMPLED			2	2										

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168	44.33099145	-89.17345016	50	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	168	27		Rope	SAMPLED			1							1			
169	44.33132198	-89.17344552	0	Columbia Lake	Waupaca	7/8/2016		169	0			DEEP													
170	44.33165251	-89.17344088	36	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	170	0			DEEP													
171	44.33198304	-89.17343623	31	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	171	18		Rope	SAMPLED			2	2									
172	44.33231358	-89.17343159	23	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	172	7	Sand	Pole	SAMPLED			1	1									
173	44.33264411	-89.17342695	7	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	173	4	Sand	Pole	SAMPLED			2	2									
174	44.33297464	-89.1734223	5	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	174	0			DOCK													
175	44.32768281	-89.17303612	111	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	175	14	Muck	Pole	SAMPLED			1	1									
176	44.32801334	-89.17303147	116	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	176	21		Rope	SAMPLED			1	1									
177	44.32834387	-89.17302683	98	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	177	20		Rope	SAMPLED			2	2									
178	44.3286744	-89.17302218	93	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	178	13	Muck	Pole	SAMPLED			2	2									
179	44.32900493	-89.17301754	82	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	179	7	Sand	Pole	SAMPLED			2	2									
180	44.32933546	-89.17301289	75	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	180	5	Sand	Pole	SAMPLED			1	1									
181	44.32966599	-89.17300825	65	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	181	11	Muck	Pole	SAMPLED			1	1									
182	44.32999652	-89.17300361	59	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	182	12	Muck	Pole	SAMPLED			0										
183	44.33032706	-89.17299896	57	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	183	6	Sand	Pole	SAMPLED			2	2									
184	44.33065759	-89.17299432	53	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	184	5	Sand	Pole	SAMPLED			1	1									
185	44.33098812	-89.17298967	47	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	185	7	Sand	Pole	SAMPLED			2	2									
186	44.33131865	-89.17298503	46	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	186	0			DEEP													
187	44.33164918	-89.17298038	37	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	187	0			DEEP													
188	44.33197971	-89.17297573	30	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	188	16		Rope	SAMPLED			1	1									
189	44.33231024	-89.17297109	24	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	189	6	Sand	Pole	SAMPLED			1	1									
190	44.33264077	-89.17296644	8	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	190	4	Sand	Pole	SAMPLED			1	1									
191	44.3329713	-89.1729618	4	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	191	0			DOCK													
192	44.32701841	-89.17258495	124	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	192	0			DOCK													
193	44.32734894	-89.1725803	117	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	193	3	Sand	Pole	SAMPLED			2	2									
194	44.32767947	-89.17257565	110	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	194	4	Sand	Pole	SAMPLED			1	1									
195	44.32801	-89.17257101	109	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	195	0			SHALLOW													
196	44.32834053	-89.17256636	99	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	196	6	Sand	Pole	SAMPLED			2	2									
197	44.32867107	-89.17256171	92	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	197	17		Rope	SAMPLED			1	1									
198	44.3290016	-89.17255707	83	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	198	20		Rope	SAMPLED			1	1									
199	44.32933213	-89.17255242	74	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	199	22		Rope	SAMPLED			0										
200	44.32966266	-89.17254777	66	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	200	8	Muck	Pole	SAMPLED			1	1									
201	44.32999319	-89.17254312	58	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	201	4	Rock	Pole	SAMPLED			0										
202	44.33131531	-89.17252453	45	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	202	20		Rope	SAMPLED			1	1						1			
203	44.33164585	-89.17251989	38	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	203	0			DEEP													
204	44.33197638	-89.17251524	134	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	204	0			TEMPORARY OBSTACLE													
205	44.33230691	-89.17251059	25	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	205	4	Sand	Pole	SAMPLED			1	1						1		1	
206	44.33263744	-89.17250594	2	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	206	3	Sand	Pole	SAMPLED			0										
207	44.33296797	-89.17250129	3	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	207	0			TERRESTRIAL													
208	44.32668454	-89.17212914	125	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	208	0			DOCK													
209	44.32701507	-89.17212449	123	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	209	3	Sand	Pole	SAMPLED			2	2									

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210	44.3273456	-89.17211984	118	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	210	4	Sand	Pole	SAMPLED			1	1			1						
211	44.32767613	-89.17211519	106	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	211	3	Sand	Pole	SAMPLED			2	2									
212	44.32800667	-89.17211054	105	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	212	0			ROCKS													
213	44.3283372	-89.17210589	100	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	213	5	Sand	Pole	SAMPLED			2	2									
214	44.32866773	-89.17210124	91	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	214	20		Rope	SAMPLED			2	2									
215	44.32899826	-89.17209659	84	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	215	29		Rope	SAMPLED			0										
216	44.32932879	-89.17209194	73	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	216	27		Rope	SAMPLED			0										
217	44.32965932	-89.17208729	67	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	217	6	Muck	Pole	SAMPLED			1	1			1						
218	44.33131198	-89.17206404	43	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	218	4	Sand	Pole	SAMPLED			2	2									
219	44.33164251	-89.17205939	39	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	219	5	Sand	Pole	SAMPLED			2	2									
220	44.33197304	-89.17205474	27	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	220	3	Sand	Pole	SAMPLED			3	3									
221	44.33230357	-89.17205009	26	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	221	1	Sand	Pole	SAMPLED			1	1									
222	44.3326341	-89.17204544	1	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	222	0			DOCK													
223	44.3266812	-89.17166868	126	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	223	2	Sand	Pole	SAMPLED			2	2									
224	44.32701173	-89.17166403	122	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	224	4	Sand	Pole	SAMPLED			1	1			1						
225	44.32734227	-89.17165938	119	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	225	5	Sand	Pole	SAMPLED			0										
226	44.3276728	-89.17165473	107	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	226	5	Sand	Pole	SAMPLED			0										
227	44.32800333	-89.17165007	104	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	227	5	Sand	Pole	SAMPLED			2	2								1	
228	44.32833386	-89.17164542	101	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	228	7	Sand	Pole	SAMPLED			1	1									
229	44.32866439	-89.17164077	90	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	229	0		Rope	SAMPLED			1	1									
230	44.32899492	-89.17163612	85	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	230	20			DEEP													
231	44.32932545	-89.17163146	72	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	231	28		Rope	SAMPLED			0										
232	44.32965598	-89.17162681	68	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	232	4	Sand	Pole	SAMPLED			1	1						1			
233	44.33097811	-89.1716082	49	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	233	0			DOCK													
234	44.33130864	-89.17160355	44	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	234	3	Sand	Pole	SAMPLED			2	2									
235	44.33163917	-89.1715989	40	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	235	2	Sand	Pole	SAMPLED			2	2									
236	44.3319697	-89.17159424	28	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	236	0			DOCK													
237	44.32667786	-89.17120823	127	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	237	1	Sand	Pole	SAMPLED			0										
238	44.32700839	-89.17120357	121	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	238	3	Sand	Pole	SAMPLED			2	2									
239	44.32733892	-89.17119892	120	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	239	5	Sand	Pole	SAMPLED			0										
240	44.32766946	-89.17119426	108	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	240	7	Muck	Pole	SAMPLED			2	2							1		
241	44.32799999	-89.17118961	103	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	241	9	Sand	Pole	SAMPLED			2	2									
242	44.32833052	-89.17118495	102	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	242	0			TEMPORARY OBSTACLE													
243	44.32866105	-89.1711803	88	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	243	7	Sand	Pole	SAMPLED			2	2									
244	44.32899158	-89.17117564	86	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	244	20		Rope	SAMPLED			0										
245	44.32932211	-89.17117099	71	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	245	13		Rope	SAMPLED			2	2									
246	44.32965264	-89.17116633	69	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	246	5	Sand	Pole	SAMPLED			2	2									
247	44.33097477	-89.17114771	48	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	247	4	Rock	Pole	SAMPLED			0										
248	44.3313053	-89.17114306	42	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	248	3	Sand	Pole	SAMPLED			2	2									
249	44.33163583	-89.1711384	41	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	249	2	Sand	Pole	SAMPLED			2	1	1		1	1					
250	44.33196636	-89.17113375	29	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	250	0			TERRESTRIAL													
251	44.32898824	-89.17071517	87	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	251	0			DOCK													

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	Myriophyllum spicatum	Chara spp.	Eleocharis acicularis	Elodea canadensis	Najas flexilis	Nitella spp.	Potamogeton illinoensis	Stuckenia pectinata	Vallisneria americana	Sagittaria cristata
252	44.32931877	-89.17071051	70	Columbia Lake	Waupaca	7/8/2016	BTB & LJS	252	1	Rock	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	Myriophyllum spicatum	Ceratophyllum demersum	Chara spp.	Heteranthera dubia	Myriophyllum sibiricum	Najas flexilis	Netella spp.	Nymphaea odorata	Potamogeton foliosus	Potamogeton friesii	Potamogeton gramineus	Potamogeton richardsonii	Potamogeton zosteriformis	Stuckenia pectinata	Vallisneria spiralis	Aquatic moss	
0	44.32267117	-89.17170928	10	Dake Lake	Waupaca	7/8/2016	JLW & JMB	0	4	Muck	Pole	SAMPLED			1																1	
1	44.32300187	-89.17170463	9	Dake Lake	Waupaca	7/8/2016	JLW & JMB	1	4	Muck	Pole	SAMPLED			0																	
2	44.32333257	-89.17169998	8	Dake Lake	Waupaca	7/8/2016	JLW & JMB	2	1	Sand	Pole	SAMPLED			0																	
3	44.32498606	-89.17167671	3	Dake Lake	Waupaca	7/8/2016	JLW & JMB	3	2	Sand	Pole	SAMPLED			1	1		1			1		1									
4	44.32266783	-89.17124863	11	Dake Lake	Waupaca	7/8/2016	JLW & JMB	4	3	Muck	Pole	SAMPLED			1								1									
5	44.32299853	-89.17124397	12	Dake Lake	Waupaca	7/8/2016	JLW & JMB	5	6	Muck	Pole	SAMPLED			1					1												
6	44.32332923	-89.17123931	7	Dake Lake	Waupaca	7/8/2016	JLW & JMB	6	4	Muck	Pole	SAMPLED			1		1			1											1	
7	44.32365992	-89.17123466	6	Dake Lake	Waupaca	7/8/2016	JLW & JMB	7	1	Sand	Pole	SAMPLED			1		1			1												
8	44.32432132	-89.17122535	17	Dake Lake	Waupaca	7/8/2016	JLW & JMB	8	1	Sand	Pole	SAMPLED			1		1															
9	44.32465202	-89.17122069	4	Dake Lake	Waupaca	7/8/2016	JLW & JMB	9	5	Muck	Pole	SAMPLED			2		2													1	1	
10	44.32498272	-89.17121603	2	Dake Lake	Waupaca	7/8/2016	JLW & JMB	10	7	Muck	Pole	SAMPLED			2		1			1										2	1	
11	44.32531341	-89.17121138	1	Dake Lake	Waupaca	7/8/2016	JLW & JMB	11	3	Muck	Pole	SAMPLED			1		1	1								1					1	
12	44.32299518	-89.17078331	14	Dake Lake	Waupaca	7/8/2016	JLW & JMB	12	1	Muck	Pole	SAMPLED			1		1															
13	44.32332588	-89.17077865	13	Dake Lake	Waupaca	7/8/2016	JLW & JMB	13	10	Muck	Pole	SAMPLED			2	1	1			1								1	1	1		
14	44.32365658	-89.17077399	15	Dake Lake	Waupaca	7/8/2016	JLW & JMB	14	4	Muck	Pole	SAMPLED			1		1															
15	44.32398728	-89.17076933	21	Dake Lake	Waupaca	7/8/2016	JLW & JMB	15	0			TEMPORARY OBSTACLE																				
16	44.32431798	-89.17076468	16	Dake Lake	Waupaca	7/8/2016	JLW & JMB	16	12	Muck	Pole	SAMPLED			2		2													1	1	
17	44.32464867	-89.17076002	18	Dake Lake	Waupaca	7/8/2016	JLW & JMB	17	17		Rope	SAMPLED			1							1		1								
18	44.32497937	-89.17075536	41	Dake Lake	Waupaca	7/8/2016	JLW & JMB	18	12	Muck	Pole	SAMPLED			1	3		1								1		1				
19	44.32531007	-89.1707507	42	Dake Lake	Waupaca	7/8/2016	JLW & JMB	19	4	Sand	Pole	SAMPLED			1		1											1				
20	44.32199975	-89.17033663	28	Dake Lake	Waupaca	7/8/2016	JLW & JMB	20	3	Muck	Pole	SAMPLED			1	1		1			1		1								1	
21	44.32233044	-89.17033197	27	Dake Lake	Waupaca	7/8/2016	JLW & JMB	21	0			DOCK																				
22	44.32266114	-89.17032731	26	Dake Lake	Waupaca	7/8/2016	JLW & JMB	22	1	Sand	Rope	SAMPLED			1		1				1											
23	44.32299184	-89.17032285	25	Dake Lake	Waupaca	7/8/2016	JLW & JMB	23	3	Muck	Pole	SAMPLED			3	V		3														
24	44.32332254	-89.17031799	24	Dake Lake	Waupaca	7/8/2016	JLW & JMB	24	10	Muck	Pole	SAMPLED			2																2	
25	44.32365324	-89.17031333	23	Dake Lake	Waupaca	7/8/2016	JLW & JMB	25	14	Muck	Pole	SAMPLED			2		2														1	
26	44.32398393	-89.17030867	22	Dake Lake	Waupaca	7/8/2016	JLW & JMB	26	16		Rope	SAMPLED			2		2															
27	44.32431463	-89.17030401	20	Dake Lake	Waupaca	7/8/2016	JLW & JMB	27	17		Rope	SAMPLED			0																	
28	44.32464533	-89.17029935	19	Dake Lake	Waupaca	7/8/2016	JLW & JMB	28	18		Rope	SAMPLED			0																	
29	44.32497603	-89.17029468	40	Dake Lake	Waupaca	7/8/2016	JLW & JMB	29	7	Muck	Pole	SAMPLED			2		2													1		
30	44.3219964	-89.16987598	29	Dake Lake	Waupaca	7/8/2016	JLW & JMB	30	4	Muck	Pole	SAMPLED			1		1				1											
31	44.3223271	-89.16987132	30	Dake Lake	Waupaca	7/8/2016	JLW & JMB	31	6	Muck	Pole	SAMPLED			0																	
32	44.32265779	-89.16986666	31	Dake Lake	Waupaca	7/8/2016	JLW & JMB	32	7	Muck	Pole	SAMPLED			1						1											
33	44.32298849	-89.16986199	32	Dake Lake	Waupaca	7/8/2016	JLW & JMB	33	9	Muck	Pole	SAMPLED			2		2															
34	44.32331919	-89.16985733	33	Dake Lake	Waupaca	7/8/2016	JLW & JMB	34	7	Muck	Pole	SAMPLED			3		1														3	
35	44.32364989	-89.16985267	34	Dake Lake	Waupaca	7/8/2016	JLW & JMB	35	15	Muck	Pole	SAMPLED			1		1															
36	44.32398059	-89.169848	36	Dake Lake	Waupaca	7/8/2016	JLW & JMB	36	16		Rope	SAMPLED			2		2															
37	44.32431128	-89.16984334	35	Dake Lake	Waupaca	7/8/2016	JLW & JMB	37	20		Rope	SAMPLED			1																	
38	44.32464198	-89.16983867	37	Dake Lake	Waupaca	7/8/2016	JLW & JMB	38	17		Rope	SAMPLED			1		1															
39	44.32497268	-89.16983401	39	Dake Lake	Waupaca	7/8/2016	JLW & JMB	39	4	Muck	Pole	SAMPLED			2		2				1											
40	44.32166235	-89.16942	52	Dake Lake	Waupaca	7/8/2016	JLW & JMB	40	2	Muck	Pole	SAMPLED			1		1				1										1	
41	44.32199305	-89.16941533	51	Dake Lake	Waupaca	7/8/2016	JLW & JMB	41	4	Muck	Pole	SAMPLED								1												
42	44.32232375	-89.16941067	50	Dake Lake	Waupaca	7/8/2016	JLW & JMB	42	10	Muck	Pole	SAMPLED			1		1															
43	44.32265445	-89.169406	49	Dake Lake	Waupaca	7/8/2016	JLW & JMB	43	9	Muck	Pole	SAMPLED			1		1															
44	44.32298514	-89.16940133	48	Dake Lake	Waupaca	7/8/2016	JLW & JMB	44	9	Muck	Pole	SAMPLED			3		3															
45	44.32331584	-89.16939667	47	Dake Lake	Waupaca	7/8/2016	JLW & JMB	45	10	Muck	Pole	SAMPLED			1		1														1	

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	Myriophyllum spicatum	Ceratophyllum demersum	Chara spp.	Heteranthera dubia	Myriophyllum sibiricum	Najas flexilis	Nileta spp.	Nymphaea odorata	Potamogeton foliosus	Potamogeton friesii	Potamogeton gramineus	Potamogeton richardsonii	Potamogeton zosteriformis	Stuckenia pectinata	Vallisneria americana	Aquatic moss		
46	44.32364654	-89.169392	46	Dake Lake	Waupaca	7/8/2016	JLW & JMB	46	13	Muck	Pole	SAMPLED			1		1																
47	44.32397724	-89.16938734	45	Dake Lake	Waupaca	7/8/2016	JLW & JMB	47	17		Rope	SAMPLED			1		1																
48	44.32430793	-89.16938267	44	Dake Lake	Waupaca	7/8/2016	JLW & JMB	48	20		Rope	SAMPLED			1		1																
49	44.32463863	-89.169378	43	Dake Lake	Waupaca	7/8/2016	JLW & JMB	49	16		Rope	SAMPLED			2		2																
50	44.32496933	-89.16937334	38	Dake Lake	Waupaca	7/8/2016	JLW & JMB	50	2	Sand	Pole	SAMPLED			1		1								1								
51	44.321659	-89.16895935	53	Dake Lake	Waupaca	7/8/2016	JLW & JMB	51	3	Sand	Pole	SAMPLED			1		1														1		
52	44.3219897	-89.16895468	55	Dake Lake	Waupaca	7/8/2016	TWH & CMB	52	5	Muck	Pole	SAMPLED			3		3									1					1		
53	44.3223204	-89.16895001	54	Dake Lake	Waupaca	7/8/2016	TWH & CMB	53	9	Muck	Pole	SAMPLED			2	1	1														2		
54	44.3226511	-89.16894534	53	Dake Lake	Waupaca	7/8/2016	TWH & CMB	54	9	Muck	Pole	SAMPLED			2		2									1							
55	44.32298179	-89.16894068	52	Dake Lake	Waupaca	7/8/2016	TWH & CMB	55	13	Muck	Pole	SAMPLED			2		2																
56	44.32331249	-89.16893601	51	Dake Lake	Waupaca	7/8/2016	TWH & CMB	56	14		Rope	SAMPLED			1		1																
57	44.32364319	-89.16893134	50	Dake Lake	Waupaca	7/8/2016	TWH & CMB	57	15		Rope	SAMPLED			3		3																
58	44.32397389	-89.16892667	49	Dake Lake	Waupaca	7/8/2016	TWH & CMB	58	16		Rope	SAMPLED			3		3																
59	44.32430458	-89.168922	48	Dake Lake	Waupaca	7/8/2016	TWH & CMB	59	20		Rope	SAMPLED			0																		
60	44.32463528	-89.16891733	47	Dake Lake	Waupaca	7/8/2016	TWH & CMB	60	17		Rope	SAMPLED			0																		
61	44.32496598	-89.16891266	46	Dake Lake	Waupaca	7/8/2016	TWH & CMB	61	5	Muck	Pole	SAMPLED			3		3									1					1		
62	44.32165565	-89.1684987	35	Dake Lake	Waupaca	7/8/2016	TWH & CMB	62	3	Muck	Pole	SAMPLED			2		2				1												
63	44.32198635	-89.16849403	36	Dake Lake	Waupaca	7/8/2016	TWH & CMB	63	4	Muck	Pole	SAMPLED			2		2				1												
64	44.32231704	-89.16848936	37	Dake Lake	Waupaca	7/8/2016	TWH & CMB	64	3	Muck	Pole	SAMPLED			3		3																
65	44.32264774	-89.16848469	38	Dake Lake	Waupaca	7/8/2016	TWH & CMB	65	4	Muck	Pole	SAMPLED			3		3				1										1		
66	44.32297844	-89.16848002	39	Dake Lake	Waupaca	7/8/2016	TWH & CMB	66	6	Muck	Pole	SAMPLED			3		3														1	1	
67	44.32330914	-89.16847535	40	Dake Lake	Waupaca	7/8/2016	TWH & CMB	67	15		Rope	SAMPLED			0																		
68	44.32363984	-89.16847067	41	Dake Lake	Waupaca	7/8/2016	TWH & CMB	68	18		Rope	SAMPLED			0																		
69	44.32397053	-89.168466	42	Dake Lake	Waupaca	7/8/2016	TWH & CMB	69	21		Rope	SAMPLED			0																		
70	44.32430123	-89.16846133	43	Dake Lake	Waupaca	7/8/2016	TWH & CMB	70	23		Rope	SAMPLED			0																		
71	44.32463193	-89.16845666	44	Dake Lake	Waupaca	7/8/2016	TWH & CMB	71	22		Rope	SAMPLED			0																		
72	44.32496263	-89.16845199	45	Dake Lake	Waupaca	7/8/2016	TWH & CMB	72	15	Muck	Pole	SAMPLED			3		3																
73	44.32297509	-89.16801936	34	Dake Lake	Waupaca	7/8/2016	TWH & CMB	73	2	Sand	Pole	SAMPLED			1		1																
74	44.32330578	-89.16801468	33	Dake Lake	Waupaca	7/8/2016	TWH & CMB	74	4	Muck	Pole	SAMPLED			3		3																
75	44.32363648	-89.16801001	32	Dake Lake	Waupaca	7/8/2016	TWH & CMB	75	15		Rope	SAMPLED			0																		
76	44.32396718	-89.16800534	31	Dake Lake	Waupaca	7/8/2016	TWH & CMB	76	19		Rope	SAMPLED			0																	1	
77	44.32429788	-89.16800066	30	Dake Lake	Waupaca	7/8/2016	TWH & CMB	77	22		Rope	SAMPLED			0																		
78	44.32462857	-89.16799599	29	Dake Lake	Waupaca	7/8/2016	TWH & CMB	78	24		Rope	SAMPLED			0																		
79	44.32495927	-89.16799131	28	Dake Lake	Waupaca	7/8/2016	TWH & CMB	79	21		Rope	SAMPLED			0																		
80	44.32528997	-89.16798664	27	Dake Lake	Waupaca	7/8/2016	TWH & CMB	80	12	Muck	Pole	SAMPLED			2		2														1	1	
81	44.32562067	-89.16798196	26	Dake Lake	Waupaca	7/8/2016	TWH & CMB	81	1	Sand	Pole	SAMPLED			1						1												
82	44.32330243	-89.16755402	18	Dake Lake	Waupaca	7/8/2016	TWH & CMB	82	3	Sand	Pole	SAMPLED			1		1																
83	44.32363312	-89.16754935	19	Dake Lake	Waupaca	7/8/2016	TWH & CMB	83	11	Muck	Pole	SAMPLED			3		3																
84	44.32396382	-89.16754467	20	Dake Lake	Waupaca	7/8/2016	TWH & CMB	84	16		Rope	SAMPLED			3		3								1								
85	44.32429452	-89.16753999	21	Dake Lake	Waupaca	7/8/2016	TWH & CMB	85	16		Rope	SAMPLED			0																		
86	44.32462522	-89.16753532	22	Dake Lake	Waupaca	7/8/2016	TWH & CMB	86	21		Rope	SAMPLED			0																		
87	44.32495591	-89.16753064	23	Dake Lake	Waupaca	7/8/2016	TWH & CMB	87	21		Rope	SAMPLED			1		1																
88	44.32528661	-89.16752596	24	Dake Lake	Waupaca	7/8/2016	TWH & CMB	88	8	Muck	Pole	SAMPLED			3		1														1	2	
89	44.32561731	-89.16752128	25	Dake Lake	Waupaca	7/8/2016	TWH & CMB	89	2	Rock	Pole	SAMPLED			1		1																
90	44.32362977	-89.16708868	17	Dake Lake	Waupaca	7/8/2016	TWH & CMB	90	3	Muck	Pole	SAMPLED			3		3							1		1						1	
91	44.32396046	-89.167084	16	Dake Lake	Waupaca	7/8/2016	TWH & CMB	91	7	Muck	Pole	SAMPLED			3		3															1	1



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	Myriophyllum spicatum	Ceratophyllum demersum	Chara spp.	Heteranthera dubia	Myriophyllum sibiricum	Najas flexilis	Nitella spp.	Nymphaea odorata	Potamogeton foliosus	Potamogeton friesii	Potamogeton gramineus	Potamogeton richardsonii	Potamogeton zosteriformis	Stuckenia pectinata	Vallisneria americana	Aquatic moss	
92	44.32429116	-89.16707932	15	Dake Lake	Waupaca	7/8/2016	TWH & CMB	92	14	Muck	Pole	SAMPLED			1		1															
93	44.32462186	-89.16707464	14	Dake Lake	Waupaca	7/8/2016	TWH & CMB	93	16	Muck	Pole	SAMPLED			2		2															
94	44.32495256	-89.16706997	12	Dake Lake	Waupaca	7/8/2016	TWH & CMB	94	16		Rope	SAMPLED			3		3															
95	44.32528325	-89.16706529	11	Dake Lake	Waupaca	7/8/2016	TWH & CMB	95	8	Muck	Pole	SAMPLED			2		1												1	1		
96	44.32561395	-89.16706061	10	Dake Lake	Waupaca	7/8/2016	TWH & CMB	96	3	Muck	Pole	SAMPLED			3		3			1									1	1		
97	44.3242878	-89.16661866	5	Dake Lake	Waupaca	7/8/2016	TWH & CMB	97	4	Muck	Pole	SAMPLED			3		3															
98	44.3246185	-89.16661397	6	Dake Lake	Waupaca	7/8/2016	TWH & CMB	98	9	Muck	Pole	SAMPLED			3		1												1	1		
99	44.3249492	-89.16660929	7	Dake Lake	Waupaca	7/8/2016	TWH & CMB	99	7	Muck	Pole	SAMPLED			3		3												1	1		
100	44.32527989	-89.16660461	8	Dake Lake	Waupaca	7/8/2016	TWH & CMB	100	6	Muck	Pole	SAMPLED			2					1									1			
101	44.32561059	-89.16659993	9	Dake Lake	Waupaca	7/8/2016	TWH & CMB	101	4	Muck	Pole	SAMPLED			1		1			1												
102	44.32461514	-89.1661533	4	Dake Lake	Waupaca	7/8/2016	TWH & CMB	102	4	Sand	Pole	SAMPLED			2		1			1												
103	44.32494583	-89.16614862	3	Dake Lake	Waupaca	7/8/2016	TWH & CMB	103	4	Muck	Pole	SAMPLED			2		2												1			
104	44.32527653	-89.16614393	2	Dake Lake	Waupaca	7/8/2016	TWH & CMB	104	3	Sand	Pole	SAMPLED			2		2			1												
105	44.32560723	-89.16613925	1	Dake Lake	Waupaca	7/8/2016	TWH & CMB	105	2	Sand	Pole	SAMPLED			1		1															



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	Myriophyllum spicatum	Chara spp.	Nymphaea odorata
601	44.340094	-89.145216	1	George Lake	Waupaca	7/12/2016	EEH & JMB	601	1	Sand	Pole	SAMPLED			1		1	
602	44.340424	-89.145211	2	George Lake	Waupaca	7/12/2016	EEH & JMB	602	7	Muck	Pole	SAMPLED			3		3	
603	44.340755	-89.145207	3	George Lake	Waupaca	7/12/2016	EEH & JMB	603	2	Muck	Pole	SAMPLED			2		2	1
604	44.341085	-89.145202	4	George Lake	Waupaca	7/12/2016	EEH & JMB	604	0			TERRESTRIAL						
607	44.340421	-89.144751	17	George Lake	Waupaca	7/12/2016	EEH & JMB	607	8	Muck	Pole	SAMPLED			3		3	
608	44.340751	-89.144746	15	George Lake	Waupaca	7/12/2016	EEH & JMB	608	23		Rope	SAMPLED			0			
609	44.341082	-89.144741	5	George Lake	Waupaca	7/12/2016	EEH & JMB	609	22		Rope	SAMPLED			1		1	
610	44.341412	-89.144737	6	George Lake	Waupaca	7/12/2016	EEH & JMB	610	0			NONNAVIGABLE (PLANTS)						
612	44.340418	-89.144291	16	George Lake	Waupaca	7/12/2016	EEH & JMB	612	2	Muck	Pole	SAMPLED			2		2	1
613	44.340748	-89.144286	12	George Lake	Waupaca	7/12/2016	EEH & JMB	613	22		Rope	SAMPLED			0			
614	44.341078	-89.144281	11	George Lake	Waupaca	7/12/2016	EEH & JMB	614	28		Rope	SAMPLED			0			
615	44.341409	-89.144276	7	George Lake	Waupaca	7/12/2016	EEH & JMB	615	10	Muck	Pole	SAMPLED			3		3	
616	44.340744	-89.143826	13	George Lake	Waupaca	7/12/2016	EEH & JMB	616	5	Muck	Pole	SAMPLED			3		3	
617	44.341075	-89.143821	14	George Lake	Waupaca	7/12/2016	EEH & JMB	617	17		Rope	SAMPLED			0			
618	44.341405	-89.143816	8	George Lake	Waupaca	7/12/2016	EEH & JMB	618	2	Muck	Pole	SAMPLED			2	1	2	1
619	44.341071	-89.143360	10	George Lake	Waupaca	7/12/2016	EEH & JMB	619	4	Muck	Pole	SAMPLED			3		3	
620	44.341402	-89.143356	9	George Lake	Waupaca	7/12/2016	EEH & JMB	620	0			NONNAVIGABLE (PLANTS)						







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	Myriophyllum spicatum	Chara spp.	Najas flexilis	Nitella spp.	Stuckenia pectinata
3	44.332863	-89.171225	1	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	3	4	Sand	Pole	SAMPLED			0					
8	44.333190	-89.170760	2	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	8	3	Sand	Pole	SAMPLED			0					
9	44.333520	-89.170755	3	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	9	5	Sand	Pole	SAMPLED			2	2				
10	44.333850	-89.170751	4	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	10	3	Sand	Pole	SAMPLED			2	2				
11	44.334181	-89.170746	5	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	11	3	Sand	Pole	SAMPLED			1	1				
12	44.334511	-89.170741	6	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	12	2	Sand	Pole	SAMPLED			1	1				
13	44.334842	-89.170737	7	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	13	0			SHALLOW								
20	44.332856	-89.170304	15	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	20	0			DOCK								
21	44.333186	-89.170300	16	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	21	0			DOCK								
22	44.333517	-89.170295	13	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	22	8	Sand	Pole	SAMPLED			2	2				
23	44.333847	-89.170290	12	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	23	2	Sand	Pole	SAMPLED			1	1	1			
24	44.334177	-89.170286	11	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	24	1	Sand	Pole	SAMPLED			2	2				
25	44.334508	-89.170281	10	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	25	2	Sand	Pole	SAMPLED			2	2				
26	44.334838	-89.170276	9	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	26	8	Sand	Pole	SAMPLED			2	1	2			
27	44.335169	-89.170272	8	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	27	3	Sand	Pole	SAMPLED			1	1				
28	44.335499	-89.170267	22	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	28	0			DOCK								
38	44.333183	-89.169839	14	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	38	4	Sand	Pole	SAMPLED			2	2				
39	44.333513	-89.169835	17	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	39	5	Sand	Pole	SAMPLED			2	2	2			1
40	44.333844	-89.169830	18	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	40	3	Sand	Pole	SAMPLED			1	1				
41	44.334174	-89.169825	19	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	41	1	Sand	Pole	SAMPLED			1	1				
42	44.334504	-89.169821	20	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	42	2	Sand	Pole	SAMPLED			2	2	1			1
43	44.334835	-89.169816	21	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	43	3	Sand	Pole	SAMPLED			1	1				
44	44.335165	-89.169811	23	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	44	0			DOCK								
56	44.333840	-89.169370	27	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	56	4	Sand	Pole	SAMPLED			0					
57	44.334171	-89.169365	26	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	57	2	Sand	Pole	SAMPLED			1	1				
58	44.334501	-89.169360	25	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	58	2	Sand	Pole	SAMPLED			1	1	1			
59	44.334831	-89.169356	24	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	59	4	Sand	Pole	SAMPLED			2	2				
72	44.333837	-89.168909	28	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	72	9	Sand	Pole	SAMPLED			2	2				
73	44.334167	-89.168905	29	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	73	3	Sand	Pole	SAMPLED			1	1				
74	44.334498	-89.168900	30	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	74	2	Sand	Pole	SAMPLED			2	2	1			
75	44.334828	-89.168895	31	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	75	1	Sand	Pole	SAMPLED			2	2				1
91	44.333503	-89.168454	36	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	91	3	Sand	Pole	SAMPLED			1	1				
92	44.333834	-89.168449	35	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	92	35			DEEP								
93	44.334164	-89.168444	34	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	93	36						0					
94	44.334494	-89.168440	33	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	94	25		Rope				1					1
95	44.334825	-89.168435	32	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	95	0			TERRESTRIAL								
113	44.333500	-89.167993	37	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	113	10	Muck	Pole	SAMPLED			0					
114	44.333830	-89.167989	38	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	114	38			DEEP								
115	44.334161	-89.167984	39	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	115	0			DEEP								
116	44.334491	-89.167979	40	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	116	37			DEEP								
117	44.334821	-89.167975	41	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	117	1	Sand	Pole	SAMPLED			0					
136	44.333497	-89.167533	45	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	136	0			DOCK								
137	44.333827	-89.167528	44	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	137	31			DEEP								
138	44.334157	-89.167524	43	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	138	32			DEEP								
139	44.334488	-89.167519	42	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	139	17	Sand	Rope	SAMPLED			1	1				
160	44.333824	-89.167068	46	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	160	9	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	Myriophyllum spicatum	Chara spp.	Najas flexilis	Nitella spp.	Stuckenia pectinata
161	44.334154	-89.167063	47	Limekiln Lake	Waupaca	7/8/2016	BTB & LJS	161	12	Sand	Pole	SAMPLED			1		1			







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	Myriophyllum spicatum	Potamogeton crispus	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Helianthus dubia	Nejia flexilis	Nuphar variegata	Potamogeton amplifolius	Potamogeton pusillus	Potamogeton zosterformis	Scheuchzeria palustris	Stuckenia pectinata	Vallisneria spiralis	Filamentous algae
106	44.324317	-89.183021	211	Long Lake	Waupaca	7/8/2016	EEH & CJF	106	0			DEEP																		
107	44.324648	-89.183017	216	Long Lake	Waupaca	7/8/2016	EEH & CJF	107	0			DEEP																		
108	44.324980	-89.183012	218	Long Lake	Waupaca	7/8/2016	EEH & CJF	108	0			DEEP																		
109	44.325311	-89.183008	220	Long Lake	Waupaca	7/8/2016	EEH & CJF	109	4	Muck	Pole	SAMPLED		1				1												
110	44.325642	-89.183003	230	Long Lake	Waupaca	7/8/2016	EEH & CJF	110	1	Muck	Pole	SAMPLED		0																
111	44.316369	-89.182670	126	Long Lake	Waupaca	7/8/2016	EEH & CJF	111	2	Sand	Pole	SAMPLED		2				2												
112	44.316700	-89.182666	121	Long Lake	Waupaca	7/8/2016	EEH & CJF	112	4	Sand	Pole	SAMPLED		3				3												
113	44.317031	-89.182661	119	Long Lake	Waupaca	7/8/2016	EEH & CJF	113	0			DEEP																		
114	44.317362	-89.182657	120	Long Lake	Waupaca	7/8/2016	EEH & CJF	114	0			DEEP																		
115	44.317693	-89.182652	0	Long Lake	Waupaca	7/8/2016	EEH & CJF	115	0			DEEP																		
116	44.318024	-89.182648	0	Long Lake	Waupaca	7/8/2016	EEH & CJF	116	0			DEEP																		
117	44.318355	-89.182643	0	Long Lake	Waupaca	7/8/2016	EEH & CJF	117	0			DEEP																		
118	44.318686	-89.182638	0	Long Lake	Waupaca	7/8/2016	EEH & CJF	118	0			DEEP																		
119	44.319017	-89.182634	0	Long Lake	Waupaca	7/8/2016	EEH & CJF	119	0			DEEP																		
120	44.319348	-89.182629	0	Long Lake	Waupaca	7/8/2016	EEH & CJF	120	0			DEEP																		
121	44.319679	-89.182625	0	Long Lake	Waupaca	7/8/2016	EEH & CJF	121	0			DEEP																		
122	44.320010	-89.182620	0	Long Lake	Waupaca	7/8/2016	EEH & CJF	122	0			DEEP																		
123	44.320341	-89.182615	0	Long Lake	Waupaca	7/8/2016	EEH & CJF	123	0			DEEP																		
124	44.320672	-89.182611	0	Long Lake	Waupaca	7/8/2016	EEH & CJF	124	0			DEEP																		
125	44.321003	-89.182606	0	Long Lake	Waupaca	7/8/2016	EEH & CJF	125	0			DEEP																		
126	44.321335	-89.182602	0	Long Lake	Waupaca	7/8/2016	EEH & CJF	126	0			DEEP																		
127	44.321666	-89.182597	0	Long Lake	Waupaca	7/8/2016	EEH & CJF	127	0			DEEP																		
128	44.321997	-89.182592	0	Long Lake	Waupaca	7/8/2016	EEH & CJF	128	0			DEEP																		
129	44.322328	-89.182588	0	Long Lake	Waupaca	7/8/2016	EEH & CJF	129	0			DEEP																		
130	44.322659	-89.182583	201	Long Lake	Waupaca	7/8/2016	EEH & CJF	130	0			DEEP																		
131	44.322990	-89.182579	203	Long Lake	Waupaca	7/8/2016	EEH & CJF	131	0			DEEP																		
132	44.323321	-89.182574	205	Long Lake	Waupaca	7/8/2016	EEH & CJF	132	0			DEEP																		
133	44.323652	-89.182569	206	Long Lake	Waupaca	7/8/2016	EEH & CJF	133	0			DEEP																		
134	44.323983	-89.182565	210	Long Lake	Waupaca	7/8/2016	EEH & CJF	134	0			DEEP																		
135	44.324314	-89.182560	0	Long Lake	Waupaca	7/8/2016	EEH & CJF	135	0			DEEP																		
136	44.324645	-89.182556	0	Long Lake	Waupaca	7/8/2016	EEH & CJF	136	0			DEEP																		
137	44.324976	-89.182551	224	Long Lake	Waupaca	7/8/2016	EEH & CJF	137	0			DEEP																		
138	44.325307	-89.182546	221	Long Lake	Waupaca	7/8/2016	EEH & CJF	138	12	Muck	Pole	SAMPLED		3				3												
139	44.325638	-89.182542	229	Long Lake	Waupaca	7/8/2016	EEH & CJF	139	2	Sand	Pole	SAMPLED		1				1											2	
140	44.316696	-89.182205	122	Long Lake	Waupaca	7/8/2016	EEH & CJF	140	1	Sand	Pole	SAMPLED		1				1												
141	44.317027	-89.182200	118	Long Lake	Waupaca	7/8/2016	EEH & CJF	141	2	Sand	Pole	SAMPLED		0																
142	44.317359	-89.182196	117	Long Lake	Waupaca	7/8/2016	EEH & CJF	142	0			OTHER	Swimmers																	
143	44.317690	-89.182191	116	Long Lake	Waupaca	7/8/2016	EEH & CJF	143	21		Rope	SAMPLED		1				1												
144	44.318021	-89.182186	114	Long Lake	Waupaca	7/8/2016	EEH & CJF	144	0			DEEP																		
145	44.318352	-89.182182	113	Long Lake	Waupaca	7/8/2016	EEH & CJF	145	0			DEEP																		
146	44.318683	-89.182177	109	Long Lake	Waupaca	7/8/2016	EEH & CJF	146	0			DEEP																		
147	44.319014	-89.182173	108	Long Lake	Waupaca	7/8/2016	EEH & CJF	147	0			DEEP																		
148	44.319345	-89.182168	105	Long Lake	Waupaca	7/8/2016	EEH & CJF	148	0			DEEP																		
149	44.319676	-89.182163	104	Long Lake	Waupaca	7/8/2016	EEH & CJF	149	0			DEEP																		
150	44.320007	-89.182159	102	Long Lake	Waupaca	7/8/2016	EEH & CJF	150	0			DEEP																		
151	44.320338	-89.182154	101	Long Lake	Waupaca	7/8/2016	EEH & CJF	151	0			DEEP																		
152	44.320669	-89.182150	98	Long Lake	Waupaca	7/8/2016	EEH & CJF	152	0			DEEP																		
153	44.321000	-89.182145	0	Long Lake	Waupaca	7/8/2016	EEH & CJF	153	0			DEEP																		
154	44.321331	-89.182140	0	Long Lake	Waupaca	7/8/2016	EEH & CJF	154	0			DEEP																		
155	44.321662	-89.182136	0	Long Lake	Waupaca	7/8/2016	EEH & CJF	155	0			DEEP																		
156	44.321993	-89.182131	0	Long Lake	Waupaca	7/8/2016	EEH & CJF	156	0			DEEP																		
157	44.322324	-89.182127	91	Long Lake	Waupaca	7/8/2016	EEH & CJF	157	0			DEEP																		
158	44.322655	-89.182122	90	Long Lake	Waupaca	7/8/2016	EEH & CJF	158	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	Myriophyllum spicatum	Potamogeton crispus	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Heteranthera dubia	Najas flexilis	Nuphar variegata	Potamogeton amplifolius	Potamogeton pusillus	Potamogeton zosteriformis	Scheuchzeria palustris	Stuckenia pectinata	Vallisneria spiralis	Filamentous algae	
318	44.3262673	-89.1779207	28	Long Lake	Waupaca	7/8/2016	EEH & CJF	318	1	Sand	Pole	SAMPLED			1				1												
319	44.3216292	-89.1775243	70	Long Lake	Waupaca	7/8/2016	EEH & CJF	319	2	Muck	Pole	SAMPLED			2				2												
320	44.3219602	-89.1775196	69	Long Lake	Waupaca	7/8/2016	EEH & CJF	320	27		Rope	SAMPLED			0																
321	44.3222913	-89.177515	68	Long Lake	Waupaca	7/8/2016	EEH & CJF	321	28		Rope	SAMPLED			0																
322	44.3226224	-89.1775104	67	Long Lake	Waupaca	7/8/2016	EEH & CJF	322	22		Rope	SAMPLED			0																
323	44.3229534	-89.1775058	66	Long Lake	Waupaca	7/8/2016	EEH & CJF	323	5	Muck	Pole	SAMPLED			1	1			1											1	
324	44.3232845	-89.1775011	63	Long Lake	Waupaca	7/8/2016	EEH & CJF	324	5	Muck	Pole	SAMPLED			1	1			1												
325	44.3236155	-89.1774965	62	Long Lake	Waupaca	7/8/2016	EEH & CJF	325	6	Muck	Pole	SAMPLED			1				1												
326	44.3239466	-89.1774919	60	Long Lake	Waupaca	7/8/2016	EEH & CJF	326	22		Rope	SAMPLED			1				1												
327	44.3242777	-89.1774873	58	Long Lake	Waupaca	7/8/2016	EEH & CJF	327	0			DEEP																			
328	44.3246087	-89.1774826	57	Long Lake	Waupaca	7/8/2016	EEH & CJF	328	0			DEEP																			
329	44.3249398	-89.177478	54	Long Lake	Waupaca	7/8/2016	EEH & CJF	329	0			DEEP																			
330	44.3252708	-89.1774734	43	Long Lake	Waupaca	7/8/2016	EEH & CJF	330	31		Rope	SAMPLED			0																
331	44.3256019	-89.1774687	40	Long Lake	Waupaca	7/8/2016	EEH & CJF	331	23		Rope	SAMPLED			1				1												
332	44.325933	-89.1774641	29	Long Lake	Waupaca	7/8/2016	EEH & CJF	332	2	Muck	Pole	SAMPLED			1				1												
333	44.3242743	-89.1770261	59	Long Lake	Waupaca	7/8/2016	EEH & CJF	333	2	Sand	Pole	SAMPLED			1				1												
334	44.3246054	-89.1770215	56	Long Lake	Waupaca	7/8/2016	EEH & CJF	334	3	Muck	Pole	SAMPLED			1				1												
335	44.3249365	-89.1770168	55	Long Lake	Waupaca	7/8/2016	EEH & CJF	335	3	Sand	Pole	SAMPLED			1				1												
336	44.3252675	-89.1770122	42	Long Lake	Waupaca	7/8/2016	EEH & CJF	336	0			OTHER	Volley ball court																		
337	44.3255986	-89.1770076	41	Long Lake	Waupaca	7/8/2016	EEH & CJF	337	1	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	Potamogeton crispus	Ceratophyllum demersum	Chara spp.	Myriophyllum sibiricum	Najas flexilis	Nymphaea odorata	Potamogeton friesii	Potamogeton gramineus	Potamogeton zosteriformis	Scheuchzeria palustris	Stuckenia pectinata	Vallisneria spiralis	
42	44.326729	-89.190951	1	Manomin Lake	Waupaca	7/12/2016	EJH & CMB	42	0			SHALLOW																
43	44.326725	-89.190487	2	Manomin Lake	Waupaca	7/12/2016	EJH & CMB	43	0			SHALLOW																
44	44.327058	-89.190483	3	Manomin Lake	Waupaca	7/12/2016	EJH & CMB	44	2	Muck	Pole	SAMPLED			3		3									1	1	
45	44.327392	-89.190478	18	Manomin Lake	Waupaca	7/12/2016	EJH & CMB	45	0			SHALLOW																
46	44.327725	-89.190473	19	Manomin Lake	Waupaca	7/12/2016	EJH & CMB	46	2	Sand	Pole	SAMPLED			3		2		1							1	1	
47	44.328058	-89.190469	20	Manomin Lake	Waupaca	7/12/2016	EJH & CMB	47	2	Sand	Pole	SAMPLED			3		3										1	
48	44.329057	-89.190455	21	Manomin Lake	Waupaca	7/12/2016	EJH & CMB	48	2	Muck	Pole	SAMPLED			3		2	1	1							1		
49	44.326722	-89.190023	4	Manomin Lake	Waupaca	7/12/2016	EJH & CMB	49	20			Rope	SAMPLED		0													
50	44.327055	-89.190018	5	Manomin Lake	Waupaca	7/12/2016	EJH & CMB	50	26			Rope	SAMPLED		0													
51	44.327388	-89.190014	6	Manomin Lake	Waupaca	7/12/2016	EJH & CMB	51	23			Rope	SAMPLED		0													
52	44.327721	-89.190009	7	Manomin Lake	Waupaca	7/12/2016	EJH & CMB	52	1	Sand	Pole	SAMPLED			3		2			1			1					
53	44.326719	-89.189559	11	Manomin Lake	Waupaca	7/12/2016	EJH & CMB	53	5	Muck	Pole	SAMPLED			3		3				1							
54	44.327052	-89.189554	10	Manomin Lake	Waupaca	7/12/2016	EJH & CMB	54	28			Rope	SAMPLED		0													
55	44.327385	-89.189550	9	Manomin Lake	Waupaca	7/12/2016	EJH & CMB	55	28			Rope	SAMPLED		0													
56	44.327718	-89.189545	8	Manomin Lake	Waupaca	7/12/2016	EJH & CMB	56	3	Muck	Pole	SAMPLED			3		3		1						1		1	
57	44.327049	-89.189090	12	Manomin Lake	Waupaca	7/12/2016	EJH & CMB	57	2	Sand	Pole	SAMPLED			1		1		1									1
58	44.327382	-89.189086	13	Manomin Lake	Waupaca	7/12/2016	EJH & CMB	58	26			Rope	SAMPLED		0													
59	44.327715	-89.189081	14	Manomin Lake	Waupaca	7/12/2016	EJH & CMB	59	0			NONNAVIGABLE (PLANTS)																
60	44.327378	-89.188621	16	Manomin Lake	Waupaca	7/12/2016	EJH & CMB	60	24			Rope	SAMPLED		0													
61	44.327712	-89.188617	15	Manomin Lake	Waupaca	7/12/2016	EJH & CMB	61	1	Muck	Pole	SAMPLED			3		3											
62	44.327375	-89.188157	17	Manomin Lake	Waupaca	7/12/2016	EJH & CMB	62	15	Muck	Pole	SAMPLED			2	1	1	1				1		1				



Point Number	ID	Lake Name	County	Date	Field Crew	Point Number	Depth (ft)	Sediment	Pole; Rope	Comments	Notes	Nuisance	Total Rake Fullness	Chara spp.	Myriophyllum sibiricum	Najas flexilis	Nymphaea odorata	Potamogeton gramineus	Potamogeton illinoensis	Potamogeton natans	Potamogeton richardsonii	Scheuchzeria palustris	Stuckenia pectinata	Vallisneria spiralis	
1	48	Marl Lake	Waupaca	7/12/2016	EJH & CMB	1	4	Muck	Pole	SAMPLED			2	2									1		
2	49	Marl Lake	Waupaca	7/12/2016	EJH & CMB	2	13	Muck	Pole	SAMPLED			3	3											
3	52	Marl Lake	Waupaca	7/12/2016	EJH & CMB	3	10	Muck	Pole	SAMPLED			3	3											
4	53	Marl Lake	Waupaca	7/12/2016	EJH & CMB	4	19		Rope	SAMPLED			1	1											
5	57	Marl Lake	Waupaca	7/12/2016	EJH & CMB	5	3	Muck	Pole	SAMPLED			3	3	1	1	1								1
6	47	Marl Lake	Waupaca	7/12/2016	EJH & CMB	6	10	Muck	Pole	SAMPLED			2	2											
7	50	Marl Lake	Waupaca	7/12/2016	EJH & CMB	8	0			DEEP															
8	51	Marl Lake	Waupaca	7/12/2016	EJH & CMB	8	0			DEEP															
9	54	Marl Lake	Waupaca	7/12/2016	EJH & CMB	9	0			DEEP															
10	56	Marl Lake	Waupaca	7/12/2016	EJH & CMB	10	0			DEEP															
11	58	Marl Lake	Waupaca	7/12/2016	EJH & CMB	10	11	Muck	Pole	SAMPLED			3	3											
12	46	Marl Lake	Waupaca	7/12/2016	EJH & CMB	12	0			SHALLOW															
13	45	Marl Lake	Waupaca	7/12/2016	EJH & CMB	13	22		Rope	SAMPLED			2	2											
14	61	Marl Lake	Waupaca	7/12/2016	EJH & CMB	14	0			DEEP															
15	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	15	0			DEEP															
16	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	16	0			DEEP															
17	55	Marl Lake	Waupaca	7/12/2016	EJH & CMB	17	0			DEEP															
18	59	Marl Lake	Waupaca	7/12/2016	EJH & CMB	18	12	Muck	Pole	SAMPLED			2	2											
19	10	Marl Lake	Waupaca	7/12/2016	EJH & CMB	19	1	Muck	Pole	SAMPLED			1	1	1										
20	42	Marl Lake	Waupaca	7/12/2016	EJH & CMB	20	4	Muck	Pole	SAMPLED			2	2		1			2		1				
21	44	Marl Lake	Waupaca	7/12/2016	EJH & CMB	21	0			DEEP															
22	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	22	0			DEEP															
23	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	23	0			DEEP															
24	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	24	0			DEEP															
25	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	25	0			DEEP															
26	60	Marl Lake	Waupaca	7/12/2016	EJH & CMB	26	0			DEEP															
27	9	Marl Lake	Waupaca	7/12/2016	EJH & CMB	27	5	Muck	Pole	SAMPLED			2	2											
28	8	Marl Lake	Waupaca	7/12/2016	EJH & CMB	28	0			SHALLOW															
29	41	Marl Lake	Waupaca	7/12/2016	EJH & CMB	29	25		Rope	SAMPLED			2	2											
30	43	Marl Lake	Waupaca	7/12/2016	EJH & CMB	30	0			DEEP															
31	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	31	0			DEEP															
32	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	32	0			DEEP															
33	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	33	0			DEEP															
34	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	34	0			DEEP															
35	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	35	0			DEEP															
36	11	Marl Lake	Waupaca	7/12/2016	EJH & CMB	36	34			DEEP															
37	7	Marl Lake	Waupaca	7/12/2016	EJH & CMB	37	3	Muck	Pole	SAMPLED			2	2											
38	3	Marl Lake	Waupaca	7/12/2016	EJH & CMB	38	3	Muck	Pole	SAMPLED			3	3			1								
39	2	Marl Lake	Waupaca	7/12/2016	EJH & CMB	39	2	Muck	Pole	SAMPLED			2	1	1	1	1								1
40	39	Marl Lake	Waupaca	7/12/2016	EJH & CMB	40	5	Muck	Pole	SAMPLED			1	1											
41	40	Marl Lake	Waupaca	7/12/2016	EJH & CMB	41	33			DEEP															
42	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	42	0			DEEP															
43	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	43	0			DEEP															

Point Number	ID	Lake Name	County	Date	Field Crew	Point Number	Depth (ft)	Sediment	Pole; Rope	Comments	Notes	Nuisance	Total Rake Fullness	Chara spp.	Myriophyllum sibiricum	Najas flexilis	Nymphaea odorata	Potamogeton gramineus	Potamogeton illinoensis	Potamogeton natans	Potamogeton richardsonii	Scheuchzeria palustris	Stuckenia pectinata	Vallisneria spiralis	
44	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	44	0			DEEP															
45	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	45	0			DEEP															
46	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	46	0			DEEP															
47	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	47	0			DEEP															
48	12	Marl Lake	Waupaca	7/12/2016	EJH & CMB	48	0			DEEP															
49	6	Marl Lake	Waupaca	7/12/2016	EJH & CMB	49	31			DEEP															
50	4	Marl Lake	Waupaca	7/12/2016	EJH & CMB	50	7	Muck	Pole	SAMPLED			1	1											
51	1	Marl Lake	Waupaca	7/12/2016	EJH & CMB	51	0			SHALLOW															
52	38	Marl Lake	Waupaca	7/12/2016	EJH & CMB	52	13	Muck	Pole	SAMPLED			2	2											
53	37	Marl Lake	Waupaca	7/12/2016	EJH & CMB	53	0			DEEP															
54	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	54	0			DEEP															
55	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	55	0			DEEP															
56	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	56	0			DEEP															
57	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	57	0			DEEP															
58	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	58	0			DEEP															
59	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	59	0			DEEP															
60	13	Marl Lake	Waupaca	7/12/2016	EJH & CMB	60	0			DEEP															
61	5	Marl Lake	Waupaca	7/12/2016	EJH & CMB	61	7	Muck	Pole	SAMPLED			2	2											
62	34	Marl Lake	Waupaca	7/12/2016	EJH & CMB	62	11	Muck	Pole	SAMPLED			2	2							1				
63	35	Marl Lake	Waupaca	7/12/2016	EJH & CMB	63	32			DEEP															
64	36	Marl Lake	Waupaca	7/12/2016	EJH & CMB	64	0			DEEP															
65	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	65	0			DEEP															
66	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	66	0			DEEP															
67	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	67	0			DEEP															
68	17	Marl Lake	Waupaca	7/12/2016	EJH & CMB	68	0			DEEP															
69	16	Marl Lake	Waupaca	7/12/2016	EJH & CMB	69	0			DEEP															
70	14	Marl Lake	Waupaca	7/12/2016	EJH & CMB	70	9	Muck	Pole	SAMPLED			2	2										V	
71	33	Marl Lake	Waupaca	7/12/2016	EJH & CMB	71	0			SHALLOW															
72	32	Marl Lake	Waupaca	7/12/2016	EJH & CMB	72	5	Muck	Pole	SAMPLED			2	2				1					1		
73	30	Marl Lake	Waupaca	7/12/2016	EJH & CMB	73	22		Rope	SAMPLED			1	1											
74	31	Marl Lake	Waupaca	7/12/2016	EJH & CMB	74	0			DEEP															
75	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	75	0			DEEP															
76	0	Marl Lake	Waupaca	7/12/2016	EJH & CMB	76	0			DEEP															
77	18	Marl Lake	Waupaca	7/12/2016	EJH & CMB	77	0			DEEP															
78	15	Marl Lake	Waupaca	7/12/2016	EJH & CMB	73	6	Muck	Pole	SAMPLED			2	2											
79	29	Marl Lake	Waupaca	7/12/2016	EJH & CMB	79	0			SHALLOW															
80	27	Marl Lake	Waupaca	7/12/2016	EJH & CMB	80	8	Muck	Pole	SAMPLED			2	2											
81	25	Marl Lake	Waupaca	7/12/2016	EJH & CMB	81	0			DEEP															
82	26	Marl Lake	Waupaca	7/12/2016	EJH & CMB	82	44			DEEP															
83	19	Marl Lake	Waupaca	7/12/2016	EJH & CMB	83	16		Rope	SAMPLED			3	3											
84	28	Marl Lake	Waupaca	7/12/2016	EJH & CMB	84	0			SHALLOW															
85	24	Marl Lake	Waupaca	7/12/2016	EJH & CMB	85	15	Muck	Pole	SAMPLED			3	3											
86	21	Marl Lake	Waupaca	7/12/2016	EJH & CMB	86	9	Muck	Pole	SAMPLED			2	2					1		V				

Point Number	ID	Lake Name	County	Date	Field Crew	Point Number	Depth (ft)	Sediment	Pole; Rope	Comments	Notes	Nuisance	Total Rake Fullness	Chara spp.	Myriophyllum sibiricum	Najas flexilis	Nymphaea odorata	Potamogeton gramineus	Potamogeton illinoensis	Potamogeton natans	Potamogeton richardsonii	Schoenoplectus acutus	Stuckenia pectinata	Vallisneria americana
87	20	Marl Lake	Waupaca	7/12/2016	EJH & CMB	87	1	Muck	Pole	SAMPLED			3	3				1						
88	23	Marl Lake	Waupaca	7/12/2016	EJH & CMB	88	1	Muck	Pole	SAMPLED			1			1								
89	22	Marl Lake	Waupaca	7/12/2016	EJH & CMB	89	1	Muck	Pole	SAMPLED			1	1		1								



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	Myriophyllum spicatum	Chara spp.	Nitella spp.	Nymphaea odorata
0	44.333525	-89.162959	68	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	0	3	Muck	Pole	SAMPLED			3		3		
1	44.333857	-89.162954	69	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	1	23		Rope	SAMPLED			0				
2	44.334190	-89.162949	6	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	2	0			DEEP							
3	44.334522	-89.162945	1	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	3	18		Rope	SAMPLED			0				
4	44.332857	-89.162505	63	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	4	0			DOCK							
5	44.333189	-89.162500	66	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	5	27		Rope	SAMPLED			0				
6	44.333522	-89.162496	67	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	6	0			DEEP							
7	44.333854	-89.162491	70	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	7	0			DEEP							
8	44.334186	-89.162486	7	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	8	0			DEEP							
9	44.334519	-89.162481	2	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	9	0			DEEP							
10	44.334851	-89.162477	3	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	10	4	Sand	Pole	SAMPLED			0				
11	44.332189	-89.162051	61	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	11	0			DOCK							
12	44.332521	-89.162047	62	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	12	4	Muck	Pole	SAMPLED			1		1		
13	44.332854	-89.162042	71	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	13	0			DEEP							
14	44.333186	-89.162037	65	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	14	0			DEEP							
15	44.333518	-89.162033	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	15	0			DEEP							
16	44.333851	-89.162028	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	16	0			DEEP							
17	44.334183	-89.162023	11	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	17	0			DEEP							
18	44.334515	-89.162018	5	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	18	30		Rope	SAMPLED			0				
19	44.334848	-89.162014	4	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	19	2	Muck	Pole	SAMPLED			1		1		
20	44.331853	-89.161593	60	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	20	2	Muck	Pole	SAMPLED			1		1		
21	44.332185	-89.161588	59	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	21	4	Muck	Pole	SAMPLED			3		3		
22	44.332518	-89.161584	64	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	22	0			DEEP							
23	44.332850	-89.161579	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	23	0			DEEP							
24	44.333183	-89.161574	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	24	0			DEEP							
25	44.333515	-89.161569	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	25	0			DEEP							
26	44.333847	-89.161565	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	26	0			DEEP							
27	44.334180	-89.161560	10	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	27	0			DEEP							
28	44.334512	-89.161555	8	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	28	3	Muck	Pole	SAMPLED			3		3		
29	44.331850	-89.161130	56	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	29	3	Muck	Pole	SAMPLED			1		1		
30	44.332182	-89.161125	57	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	30	16		Rope	SAMPLED			0				
31	44.332514	-89.161121	58	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	31	0			DEEP							
32	44.332847	-89.161116	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	32	0			DEEP							
33	44.333179	-89.161111	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	33	0			DEEP							
34	44.333512	-89.161106	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	34	0			DEEP							
35	44.333844	-89.161102	12	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	35	0			DEEP							
36	44.334176	-89.161097	13	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	36	28		Rope	SAMPLED			1		1		
37	44.334509	-89.161092	9	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	37	0			SHALLOW							
38	44.331846	-89.160667	53	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	38	3	Sand	Pole	SAMPLED			1		1		
39	44.332179	-89.160662	54	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	39	26		Rope	SAMPLED			0				
40	44.332511	-89.160658	55	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	40	0			DEEP							
41	44.332843	-89.160653	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	41	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	Myriophyllum spicatum	Chara spp.	Nitella spp.	Nymphaea odorata
42	44.333176	-89.160648	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	42	0			DEEP							
43	44.333508	-89.160643	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	43	0			DEEP							
44	44.333840	-89.160639	15	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	44	0			DEEP							
45	44.334173	-89.160634	14	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	45	3	Muck	Pole	0							
46	44.331843	-89.160204	52	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	46	1	Sand	Pole	SAMPLED			0				
47	44.332175	-89.160199	51	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	47	10	Muck	Pole	SAMPLED			3	v	3		
48	44.332508	-89.160194	50	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	48	0			DEEP							
49	44.332840	-89.160190	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	49	0			DEEP							
50	44.333172	-89.160185	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	50	0			DEEP							
51	44.333505	-89.160180	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	51	0			DEEP							
52	44.333837	-89.160175	16	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	52	0			DEEP							
53	44.334169	-89.160171	17	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	53	6	Muck	Pole	SAMPLED			1		1		
54	44.331839	-89.159741	48	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	54	0			DOCK							
55	44.332172	-89.159736	47	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	55	13		Rope	SAMPLED			2		2		
56	44.332504	-89.159731	49	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	56	0			DEEP							
57	44.332837	-89.159727	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	57	0			DEEP							
58	44.333169	-89.159722	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	58	0			DEEP							
59	44.333501	-89.159717	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	59	0			DEEP							
60	44.333834	-89.159712	19	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	60	0			DEEP							
61	44.334166	-89.159708	18	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	61	22		Rope	SAMPLED			0				
62	44.332168	-89.159723	46	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	62	2	Muck	Pole	SAMPLED			2		2		1
63	44.332501	-89.159268	44	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	63	15		Rope	SAMPLED			1		1		
64	44.332833	-89.159264	43	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	64	0			DEEP							
65	44.333166	-89.159259	42	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	65	0			DEEP							
66	44.333498	-89.159254	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	66	0			DEEP							
67	44.333830	-89.159249	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	67	0			DEEP							
68	44.334163	-89.159245	20	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	68	0			DEEP							
69	44.334495	-89.159240	21	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	69	7	Muck	Pole	SAMPLED			1		1		
70	44.332497	-89.158805	45	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	70	0			DOCK							
71	44.332830	-89.158800	40	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	71	24		Rope	SAMPLED			2	1		2	
72	44.333162	-89.158796	39	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	72	0			DEEP							
73	44.333494	-89.158791	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	73	0			DEEP							
74	44.333827	-89.158786	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	74	0			DEEP							
75	44.334159	-89.158781	24	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	75	0			DEEP							
76	44.334492	-89.158777	23	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	76	20		Rope	SAMPLED			0				
77	44.334824	-89.158772	22	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	77	1	Muck	Pole	SAMPLED			1		1		
78	44.332826	-89.158337	41	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	78	0			DOCK							
79	44.333159	-89.158333	38	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	79	29		Rope	SAMPLED			0				
80	44.333491	-89.158328	36	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	80	0			DEEP							
81	44.333823	-89.158323	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	81	0			DEEP							
82	44.334156	-89.158318	0	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	82	0			DEEP							
83	44.334488	-89.158314	25	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	83	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	Myriophyllum spicatum	Chara spp.	Nitella spp.	Nymphaea odorata
84	44.334821	-89.158309	26	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	84	4	Muck	Pole	SAMPLED			2		2		
85	44.333488	-89.157865	37	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	85	0			SWIM AREA							
86	44.333820	-89.157860	35	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	86	0			DEEP							
87	44.334152	-89.157855	32	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	87	0			DEEP							
88	44.334485	-89.157851	31	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	88	0			DEEP							
89	44.334817	-89.157846	27	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	89	4	Muck	Pole	SAMPLED			3		3		
90	44.333817	-89.157397	34	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	90	8	Muck	Pole	SAMPLED			0				
91	44.334149	-89.157392	33	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	91	20		Rope	SAMPLED			0				
92	44.334481	-89.157387	30	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	92	16		Rope	SAMPLED			1		1		
93	44.334814	-89.157383	28	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	93	3	Rock	Pole	SAMPLED			0				
94	44.334478	-89.156924	29	McCrosen Lake	Waupaca	7/11/2016	EEH & CMB	94	0			SHALLOW							







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	Myriophyllum spicatum	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Heteranthera dubia	Myriophyllum sibiricum	Najas flexilis	Nymphaea odorata	Potamogeton amplifolius	Potamogeton foliosus	Potamogeton friesii	Potamogeton gramineus	Potamogeton strictifolius	Sagittaria sp. (rosette)	Stuckenia pectinata	Vallisneria spiralis	Aquatic moss	Freshwater sponge	
118	44.328498	-89.163314	23	Miner Lake	Waupaca	7/8/2016	TWH & CMB	118	0			TEMPORARY OBSTACLE																						



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	Chara spp.	Myriophyllum sibiricum	Nitella spp.
0	44.335558	-89.157251	3	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	0	2	Sand	Pole	SAMPLED			1	1		
1	44.335888	-89.157246	8	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	1	2	Muck	Pole	SAMPLED			1	1		
2	44.336219	-89.157242	9	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	2	2	Muck	Pole	SAMPLED			2	2		
3	44.334894	-89.156800	1	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	3	16		Rope	SAMPLED			1			1
4	44.335224	-89.156795	2	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	4	0			DEEP						
5	44.335555	-89.156791	4	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	5	27		Rope	SAMPLED			0			
6	44.335885	-89.156786	7	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	6	20		Rope	SAMPLED			0			
7	44.336215	-89.156781	10	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	7	3	Muck	Pole	SAMPLED			3	3		
8	44.336546	-89.156777	13	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	8	0			SHALLOW						
9	44.334890	-89.156340	30	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	9	0			DEEP						
10	44.335221	-89.156335	28	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	10	0			DEEP						
11	44.335551	-89.156330	5	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	11	0			DEEP						
12	44.335882	-89.156326	6	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	12	0			DEEP						
13	44.336212	-89.156321	11	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	13	16		Rope	SAMPLED			1	1		
14	44.336542	-89.156316	12	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	14	2	Muck	Pole	SAMPLED			2	2		
15	44.334887	-89.155880	31	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	15	21		Rope	SAMPLED			0			
16	44.335217	-89.155875	27	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	16	29		Rope	SAMPLED			0			
17	44.335548	-89.155870	24	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	17	0			DEEP						
18	44.335878	-89.155865	23	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	18	0			DEEP						
19	44.336208	-89.155861	15	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	19	0			DEEP						
20	44.336539	-89.155856	14	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	20	10	Muck	Pole	SAMPLED			1	1		
25	44.334884	-89.155419	29	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	25	0			DOCK						
26	44.335214	-89.155415	26	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	26	4	Muck	Pole	SAMPLED			1		1	
27	44.335544	-89.155410	25	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	27	0			SHALLOW						
28	44.335875	-89.155405	22	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	28	25		Rope	SAMPLED			0			
29	44.336205	-89.155400	16	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	29	0			DEEP						
30	44.336535	-89.155396	17	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	30	0			DEEP						
38	44.335871	-89.154945	21	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	38	4	Muck	Pole	SAMPLED			1	1		
39	44.336202	-89.154940	20	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	39	28		Rope	SAMPLED			0			
40	44.336532	-89.154935	18	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	40	0			DEEP						
51	44.336198	-89.154480	19	Nessling Lake	Waupaca	7/11/2016	EEH & CMB	51	9		Rope	SAMPLED			2	2		





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30	44.329860	-89.189278	30	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	30	2	Sand	Pole	SAMPLED			3		2									
31	44.330192	-89.189273	28	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	31	20		Rope	SAMPLED			0											
32	44.330524	-89.189269	27	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	32	6	Sand	Pole	SAMPLED			3		2									1
34	44.329857	-89.188815	35	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	34	9	Muck	Pole	SAMPLED			2		1		1				1			1
35	44.330189	-89.188811	36	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	35	20		Rope	SAMPLED			0											
36	44.330521	-89.188806	37	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	36	0			DOCK														
37	44.329853	-89.188353	40	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	37	8	Muck	Pole	SAMPLED			2		1			1						1
38	44.330186	-89.188348	39	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	38	17		Rope	SAMPLED			2	1	1									
39	44.330518	-89.188343	38	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	39	1	Sand	Pole	SAMPLED			3		3				1					
40	44.329850	-89.187890	41	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	40	15		Pole	SAMPLED			2	2		1								
41	44.330182	-89.187885	42	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	41	2	Muck	Pole	SAMPLED			3		3									
42	44.329847	-89.187427	44	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	42	10	Muck	Pole	SAMPLED			1		1						1			
43	44.330179	-89.187423	43	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	43	0			SHALLOW														
44	44.329511	-89.186969	45	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	44	6	Muck	Pole	SAMPLED			2		2			1						
45	44.329844	-89.186964	50	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	45	28		Rope	SAMPLED			0											
46	44.330176	-89.186960	51	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	46	8	Muck	Pole	SAMPLED			2					1			2			1
47	44.329508	-89.186506	46	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	47	24		Rope	SAMPLED			0											
48	44.329840	-89.186502	49	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	48	35			DEEP														
49	44.330172	-89.186497	52	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	49	33			DEEP														
50	44.330505	-89.186493	55	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	50	0			NONNAVIGABLE (PLANTS)														
51	44.329505	-89.186044	47	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	51	0			SHALLOW														
52	44.329837	-89.186039	48	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	52	20		Rope	SAMPLED			0											
53	44.330169	-89.186034	53	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	53	28		Rope	SAMPLED			0											
54	44.330501	-89.186030	56	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	54	4	Sand	Pole	SAMPLED			2		1			1						1
55	44.330166	-89.185572	54	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	55	0			DOCK														
56	44.330498	-89.185567	57	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	56	0			NONNAVIGABLE (PLANTS)														
57	44.330495	-89.185104	58	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	57	0			SHALLOW														
58	44.329820	-89.183725	59	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	58	0			SHALLOW														
59	44.329817	-89.183263	60	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	59	0			SHALLOW														
63	44.329814	-89.182800	61	Lake Orlando	Waupaca	7/12/2016	EJH & CMB	63	0			SHALLOW														



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0	44.343303	-89.143677	1	Otter Lake	Waupaca	7/13/2016	EEH & JMB	0	0			TERRESTRIAL													
1	44.344299	-89.143198	2	Otter Lake	Waupaca	7/13/2016	EEH & JMB	1	9	Muck	Pole	SAMPLED			3	3						1		1	
2	44.344628	-89.142729	36	Otter Lake	Waupaca	7/13/2016	EEH & JMB	2	21		Rope	SAMPLED			0										
3	44.344961	-89.142724	4	Otter Lake	Waupaca	7/13/2016	EEH & JMB	3	0			NONNAVIGABLE (PLANTS)													
4	44.344958	-89.142260	3	Otter Lake	Waupaca	7/13/2016	EEH & JMB	4	13	Muck	Pole	SAMPLED			3		3						1		
5	44.345291	-89.142255	5	Otter Lake	Waupaca	7/13/2016	EEH & JMB	5	11	Muck	Pole	SAMPLED			3		3								
6	44.345624	-89.142250	6	Otter Lake	Waupaca	7/13/2016	EEH & JMB	6	9	Muck	Pole	SAMPLED			3	2	1								
7	44.345957	-89.142245	7	Otter Lake	Waupaca	7/13/2016	EEH & JMB	7	2	Muck	Pole	SAMPLED			3	V	3		1						
8	44.346290	-89.142240	12	Otter Lake	Waupaca	7/13/2016	EEH & JMB	8	0			NONNAVIGABLE (PLANTS)													
9	44.346624	-89.142235	13	Otter Lake	Waupaca	7/13/2016	EEH & JMB	9	0			NONNAVIGABLE (PLANTS)													
10	44.345621	-89.141786	9	Otter Lake	Waupaca	7/13/2016	EEH & JMB	10	0			NONNAVIGABLE (PLANTS)													
11	44.345954	-89.141781	8	Otter Lake	Waupaca	7/13/2016	EEH & JMB	11	16		Rope	SAMPLED			3		3								
12	44.346287	-89.141776	11	Otter Lake	Waupaca	7/13/2016	EEH & JMB	12	17		Rope	SAMPLED			1				1						
13	44.346620	-89.141771	14	Otter Lake	Waupaca	7/13/2016	EEH & JMB	13	18		Rope	SAMPLED			3		3								
14	44.346953	-89.141766	19	Otter Lake	Waupaca	7/13/2016	EEH & JMB	14	21		Rope	SAMPLED			1		1								
15	44.347286	-89.141762	20	Otter Lake	Waupaca	7/13/2016	EEH & JMB	15	32			DEEP													
16	44.347619	-89.141757	24	Otter Lake	Waupaca	7/13/2016	EEH & JMB	16	0			DOCK													
17	44.346283	-89.141312	10	Otter Lake	Waupaca	7/13/2016	EEH & JMB	17	0			NONNAVIGABLE (PLANTS)													
18	44.346617	-89.141307	15	Otter Lake	Waupaca	7/13/2016	EEH & JMB	18	17		Rope	SAMPLED			0										1
19	44.346950	-89.141302	18	Otter Lake	Waupaca	7/13/2016	EEH & JMB	19	21		Rope	SAMPLED			1		1								
20	44.347283	-89.141297	21	Otter Lake	Waupaca	7/13/2016	EEH & JMB	20	33			DEEP													
21	44.347616	-89.141292	25	Otter Lake	Waupaca	7/13/2016	EEH & JMB	21	5	Muck	Pole	SAMPLED			3		3		1						
22	44.346946	-89.140838	17	Otter Lake	Waupaca	7/13/2016	EEH & JMB	22	21		Rope	SAMPLED			0										
23	44.347279	-89.140833	22	Otter Lake	Waupaca	7/13/2016	EEH & JMB	23	20		Rope	SAMPLED			0										
24	44.347612	-89.140828	26	Otter Lake	Waupaca	7/13/2016	EEH & JMB	24	13	Muck	Pole	SAMPLED			1	1	1								
25	44.346943	-89.140374	16	Otter Lake	Waupaca	7/13/2016	EEH & JMB	25	0			NONNAVIGABLE (PLANTS)													
26	44.347276	-89.140369	23	Otter Lake	Waupaca	7/13/2016	EEH & JMB	26	13	Muck	Pole	SAMPLED			3		3								
27	44.347609	-89.140364	27	Otter Lake	Waupaca	7/13/2016	EEH & JMB	27	16		Rope	SAMPLED			1	1			1						
28	44.347942	-89.140359	29	Otter Lake	Waupaca	7/13/2016	EEH & JMB	28	0			NONNAVIGABLE (PLANTS)													
29	44.347605	-89.139900	28	Otter Lake	Waupaca	7/13/2016	EEH & JMB	29	0			NONNAVIGABLE (PLANTS)													
30	44.347939	-89.139895	30	Otter Lake	Waupaca	7/13/2016	EEH & JMB	30	18		Rope	SAMPLED			0										1
31	44.348272	-89.139890	34	Otter Lake	Waupaca	7/13/2016	EEH & JMB	31	0			DOCK													
32	44.348605	-89.139885	35	Otter Lake	Waupaca	7/13/2016	EEH & JMB	32	7	Muck	Pole	SAMPLED			3		3								
33	44.348938	-89.139880	41	Otter Lake	Waupaca	7/13/2016	EEH & JMB	33	7	Muck	Pole	SAMPLED			3		3								
34	44.349271	-89.139875	42	Otter Lake	Waupaca	7/13/2016	EEH & JMB	34	3	Muck	Pole	SAMPLED			3	1	1	3		1	1				
35	44.347935	-89.139431	31	Otter Lake	Waupaca	7/13/2016	EEH & JMB	35	13	Muck	Pole	SAMPLED			3		3								
36	44.348268	-89.139426	33	Otter Lake	Waupaca	7/13/2016	EEH & JMB	36	21		Rope	SAMPLED			0										
37	44.348601	-89.139421	37	Otter Lake	Waupaca	7/13/2016	EEH & JMB	37	28		Rope	SAMPLED			0										
38	44.348934	-89.139416	40	Otter Lake	Waupaca	7/13/2016	EEH & JMB	38	37			DEEP													
39	44.349267	-89.139411	43	Otter Lake	Waupaca	7/13/2016	EEH & JMB	39	22	Muck	Pole	SAMPLED			0										
40	44.349601	-89.139406	46	Otter Lake	Waupaca	7/13/2016	EEH & JMB	40	17		Rope	SAMPLED			0										
41	44.348265	-89.138962	32	Otter Lake	Waupaca	7/13/2016	EEH & JMB	41	0			NONNAVIGABLE (PLANTS)													
42	44.348598	-89.138957	38	Otter Lake	Waupaca	7/13/2016	EEH & JMB	42	0			NONNAVIGABLE (PLANTS)													
43	44.348931	-89.138952	39	Otter Lake	Waupaca	7/13/2016	EEH & JMB	43	4	Muck	Pole	SAMPLED			3	V	3								
44	44.349264	-89.138947	44	Otter Lake	Waupaca	7/13/2016	EEH & JMB	44	0			NONNAVIGABLE (PLANTS)													
45	44.349597	-89.138942	45	Otter Lake	Waupaca	7/13/2016	EEH & JMB	45	0			DOCK													



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	Brasenia schreberi	Chara spp.	Nuphar variegata	Nymphaea odorata	Potamogeton amplifolius	Potamogeton illinoensis	Potamogeton natans	Stuckenia pectinata	Utricularia gibba	Vallisneria spiralis	
0	44.334520	-89.177973	13	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	0	7	Muck	Pole	SAMPLED			1					1					1	
1	44.334854	-89.177969	14	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	1	6	Muck	Pole	SAMPLED			1											1
2	44.335188	-89.177964	25	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	2	2	Muck	Pole	SAMPLED			3			1							3	
3	44.334182	-89.177512	4	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	3	6	Muck	Pole	SAMPLED			3											3
4	44.334516	-89.177508	12	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	4	13	Muck	Pole	SAMPLED			0											
5	44.334851	-89.177503	15	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	5	9	Muck	Pole	SAMPLED			0											
6	44.335185	-89.177498	24	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	6	8	Muck	Pole	SAMPLED			1							1				
7	44.335519	-89.177494	26	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	7	6	Muck	Pole	SAMPLED			1	1						1				1
8	44.335854	-89.177489	35	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	8	2	Muck	Pole	SAMPLED			1											1
9	44.333845	-89.177051	3	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	9	4	Muck	Pole	SAMPLED			3			1								3
10	44.334179	-89.177047	5	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	10	13	Muck	Pole	SAMPLED			0											
11	44.334513	-89.177042	11	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	11	11	Muck	Pole	SAMPLED			1					1			1			
12	44.334847	-89.177037	16	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	12	8	Muck	Pole	SAMPLED			0											
13	44.335182	-89.177033	23	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	13	8	Muck	Pole	SAMPLED			0											
14	44.335516	-89.177028	27	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	14	7	Sand	Pole	SAMPLED			1		1									
15	44.335850	-89.177023	34	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	15	5	Muck	Pole	SAMPLED			1						1					
16	44.333841	-89.176586	2	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	16	8	Muck	Pole	SAMPLED			1					1						1
17	44.334176	-89.176581	6	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	17	12	Muck	Pole	SAMPLED			0											
18	44.334510	-89.176576	10	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	18	10	Muck	Pole	SAMPLED			1									1		
19	44.334844	-89.176572	17	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	19	8	Muck	Pole	SAMPLED			1						1		1			
20	44.335178	-89.176567	22	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	20	7	Muck	Pole	SAMPLED			1	1					1					
21	44.335513	-89.176562	28	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	21	6	Muck	Pole	SAMPLED			1		1						1			
22	44.335847	-89.176558	33	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	22	6	Muck	Pole	SAMPLED			2			1			2					
23	44.336181	-89.176553	36	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	23	3	Muck	Pole	SAMPLED			1			1								
24	44.333838	-89.176120	1	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	24	0			DOCK	7-13-16													
25	44.334172	-89.176115	7	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	25	7	Muck	Pole	SAMPLED			2											2
26	44.334506	-89.176111	9	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	26	9	Muck	Pole	SAMPLED			1								1			
27	44.334841	-89.176106	18	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	27	9	Muck	Pole	SAMPLED			0											
28	44.335175	-89.176101	21	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	28	7	Muck	Pole	SAMPLED			2			2		1						
29	44.335509	-89.176096	29	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	29	8	Muck	Pole	SAMPLED			0											
30	44.335843	-89.176092	32	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	30	6	Muck	Pole	SAMPLED			0											
31	44.336178	-89.176087	37	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	31	4	Muck	Pole	SAMPLED			1			1		1						1
32	44.334503	-89.175645	8	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	32	5	Muck	Pole	SAMPLED			3						1					3
33	44.334837	-89.175640	19	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	33	5	Muck	Pole	SAMPLED			3				1		1	1				2
34	44.335172	-89.175635	20	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	34	4	Muck	Pole	SAMPLED			3											3
35	44.335506	-89.175631	30	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	35	5	Sand	Pole	SAMPLED			2											2
36	44.335840	-89.175626	31	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	36	4	Muck	Pole	SAMPLED			1		1									1
37	44.336174	-89.175621	38	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	37	3	Muck	Pole	SAMPLED			1			1								
38	44.336509	-89.175617	39	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	38	3	Muck	Pole	SAMPLED			2			1						1		
39	44.336505	-89.175151	40	Ottman Lake	Waupaca	7/13/2016	TWH & CJF	39	3	Muck	Pole	SAMPLED			2	1			1							



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	Potamogeton crispus	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Myriophyllum sibiricum	Najas flexilis	Nymphaea odorata	Potamogeton foliosus	Potamogeton Friesei	Potamogeton gramineus	Potamogeton richardsonii	Potamogeton zosteriformis	Ranunculus aquatilis	Scheuchzeria palustris	Spirodela polyrrhiza	Stuckenia pectinata
0	44.327758	-89.195115	20	Pope Lake	Waupaca	7/12/2016	EJH & CMB	0	0			SHALLOW																			
1	44.326088	-89.194673	7	Pope Lake	Waupaca	7/12/2016	EJH & CMB	1	17		Rope	SAMPLED			1	1															
2	44.326422	-89.194669	11	Pope Lake	Waupaca	7/12/2016	EJH & CMB	2	19		Pole	SAMPLED			0																
3	44.326755	-89.194664	12	Pope Lake	Waupaca	7/12/2016	EJH & CMB	3	10	Muck	Pole	SAMPLED			3	1	1		1	1			1								
4	44.327088	-89.194660	15	Pope Lake	Waupaca	7/12/2016	EJH & CMB	4	14	Muck	Pole	SAMPLED			3	1	1		1	1			1			1					
5	44.327421	-89.194655	16	Pope Lake	Waupaca	7/12/2016	EJH & CMB	5	19		Rope	SAMPLED			1			1													
6	44.327754	-89.194650	19	Pope Lake	Waupaca	7/12/2016	EJH & CMB	6	1	Muck	Pole	SAMPLED			1	1		1												1	
7	44.328087	-89.194646	22	Pope Lake	Waupaca	7/12/2016	EJH & CMB	7	0			TERRESTRIAL																			
8	44.325752	-89.194214	6	Pope Lake	Waupaca	7/12/2016	EJH & CMB	8	20		Rope	SAMPLED			0																
9	44.326085	-89.194209	8	Pope Lake	Waupaca	7/12/2016	EJH & CMB	9	33			DEEP																			
10	44.326418	-89.194205	10	Pope Lake	Waupaca	7/12/2016	EJH & CMB	10	0			DEEP																			
11	44.326752	-89.194200	13	Pope Lake	Waupaca	7/12/2016	EJH & CMB	11	33			DEEP																			
12	44.327085	-89.194195	14	Pope Lake	Waupaca	7/12/2016	EJH & CMB	12	38			DEEP																			
13	44.327418	-89.194191	17	Pope Lake	Waupaca	7/12/2016	EJH & CMB	13	0			DEEP																			
14	44.327751	-89.194186	18	Pope Lake	Waupaca	7/12/2016	EJH & CMB	14	19		Rope	SAMPLED			2			2													
15	44.328084	-89.194182	21	Pope Lake	Waupaca	7/12/2016	EJH & CMB	15	2	Muck	Pole	SAMPLED			1				1	1								1	1		
16	44.325749	-89.193750	5	Pope Lake	Waupaca	7/12/2016	EJH & CMB	16	25		Rope	SAMPLED			0																
17	44.326082	-89.193745	9	Pope Lake	Waupaca	7/12/2016	EJH & CMB	17	0			DEEP																			
18	44.326415	-89.193740	0	Pope Lake	Waupaca	7/12/2016	EJH & CMB	18	0			DEEP																			
19	44.326748	-89.193736	0	Pope Lake	Waupaca	7/12/2016	EJH & CMB	19	0			DEEP																			
20	44.327081	-89.193731	28	Pope Lake	Waupaca	7/12/2016	EJH & CMB	20	35			DEEP																			
21	44.327415	-89.193727	27	Pope Lake	Waupaca	7/12/2016	EJH & CMB	21	33			DEEP																			
22	44.327748	-89.193722	24	Pope Lake	Waupaca	7/12/2016	EJH & CMB	22	19		Rope	SAMPLED			0																
23	44.328081	-89.193718	23	Pope Lake	Waupaca	7/12/2016	EJH & CMB	23	13	Muck	Pole	SAMPLED			1	1		1													
24	44.325079	-89.193295	2	Pope Lake	Waupaca	7/12/2016	EJH & CMB	24	0			TERRESTRIAL																			
25	44.325412	-89.193290	3	Pope Lake	Waupaca	7/12/2016	EJH & CMB	25	2	Muck	Pole	SAMPLED			2		2			1				1							
26	44.325746	-89.193285	4	Pope Lake	Waupaca	7/12/2016	EJH & CMB	26	21		Rope	SAMPLED			0																
27	44.326079	-89.193281	34	Pope Lake	Waupaca	7/12/2016	EJH & CMB	27	39			DEEP																			
28	44.326412	-89.193276	0	Pope Lake	Waupaca	7/12/2016	EJH & CMB	28	0			DEEP																			
29	44.326745	-89.193272	0	Pope Lake	Waupaca	7/12/2016	EJH & CMB	29	0			DEEP																			
30	44.327078	-89.193267	29	Pope Lake	Waupaca	7/12/2016	EJH & CMB	30	31			DEEP																			
31	44.327411	-89.193263	26	Pope Lake	Waupaca	7/12/2016	EJH & CMB	31	28		Rope	SAMPLED			0																
32	44.327744	-89.193258	25	Pope Lake	Waupaca	7/12/2016	EJH & CMB	32	8	Muck	Pole	SAMPLED			3		1	1	1				1								
33	44.324410	-89.192840	1	Pope Lake	Waupaca	7/12/2016	EJH & CMB	33	2	Muck	Pole	SAMPLED			1					1				1							
34	44.326075	-89.192817	35	Pope Lake	Waupaca	7/12/2016	EJH & CMB	34	24		Rope	SAMPLED			0																
35	44.326409	-89.192812	33	Pope Lake	Waupaca	7/12/2016	EJH & CMB	35	0			DEEP																			
36	44.326742	-89.192808	32	Pope Lake	Waupaca	7/12/2016	EJH & CMB	36	31			DEEP																			
37	44.327075	-89.192803	30	Pope Lake	Waupaca	7/12/2016	EJH & CMB	37	18		Rope	SAMPLED			0																
38	44.326405	-89.192348	36	Pope Lake	Waupaca	7/12/2016	EJH & CMB	38	4	Muck	Pole	SAMPLED			3		3	1	1				1		1					1	
39	44.326738	-89.192344	31	Pope Lake	Waupaca	7/12/2016	EJH & CMB	39	2	Muck	Pole	SAMPLED			3		1	3		1			1				1	1			
40	44.326735	-89.191879	38	Pope Lake	Waupaca	7/12/2016	EJH & CMB	40	0			TERRESTRIAL																			
41	44.326732	-89.191415	37	Pope Lake	Waupaca	7/12/2016	EJH & CMB	41	2	Muck	Pole	SAMPLED			3			2					1							1	





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	Myriophyllum spicatum	Ceratophyllum demersum	Chara spp.	Najas flexilis	Nitella spp.	Nymphaea odorata	Potamogeton illinoensis	Stuckenia pectinata	Filamentous algae
21	44.338521	-89.155827	17	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	21	5	Muck	Pole	SAMPLED			3	1		3	1					
22	44.338851	-89.155823	20	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	22	4	Muck	Pole	SAMPLED			1			1						
23	44.339182	-89.155818	21	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	23	3	Muck	Pole	SAMPLED			1			1						
24	44.339512	-89.155813	26	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	24	2	Muck	Pole	SAMPLED			1			1	1		1			
31	44.337857	-89.155377	11	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	31	1	Rock	Pole	SAMPLED			0									
32	44.338187	-89.155372	16	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	32	4	Muck	Pole	SAMPLED			2			2						
33	44.338518	-89.155367	18	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	33	32			DEEP												
34	44.338848	-89.155362	19	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	34	35			DEEP												
35	44.339178	-89.155358	22	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	35	30		Rope	SAMPLED			0									
36	44.339509	-89.155353	25	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	36	25		Rope	SAMPLED			1			1						
37	44.339839	-89.155348	27	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	37	0			DOCK												
41	44.336862	-89.154931	6	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	41	11	Muck	Pole	SAMPLED			1	1								
42	44.337193	-89.154926	7	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	42	3	Rock	Pole	SAMPLED			0									
43	44.337523	-89.154921	10	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	43	4	Muck	Pole	SAMPLED			1			1						
44	44.337853	-89.154916	12	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	44	13	Muck	Pole	SAMPLED			3			3						
45	44.338184	-89.154912	15	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	45	32			DEEP												
46	44.338514	-89.154907	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	46	0			DEEP												
47	44.338845	-89.154902	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	47	0			DEEP												
48	44.339175	-89.154897	23	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	48	40			DEEP												
49	44.339505	-89.154893	24	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	49	29		Rope	SAMPLED			1					1				
50	44.339836	-89.154888	28	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	50	2	Sand	Pole	SAMPLED			2			2						
52	44.336529	-89.154475	1	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	52	27		Rope	SAMPLED			0									
53	44.336859	-89.154470	5	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	53	37			DEEP												
54	44.337189	-89.154466	8	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	54	37			DEEP												
55	44.337520	-89.154461	9	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	55	35			DEEP												
56	44.337850	-89.154456	13	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	56	40			DEEP												
57	44.338180	-89.154451	14	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	57	45			DEEP												
58	44.338511	-89.154447	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	58	0			DEEP												
59	44.338841	-89.154442	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	59	0			DEEP												
60	44.339172	-89.154437	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	60	0			DEEP												
61	44.339502	-89.154432	29	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	61	33			DEEP												
62	44.339832	-89.154428	30	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	62	5	Muck	Pole	SAMPLED			1			1						
63	44.340163	-89.154423	36	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	63	0			TERRESTRIAL												
64	44.336525	-89.154015	2	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	64	14	Muck	Pole	SAMPLED			2			2						
65	44.336856	-89.154010	4	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	65	35			DEEP												
66	44.337186	-89.154005	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	66	0			DEEP												
67	44.337516	-89.154000	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	67	0			DEEP												
68	44.337847	-89.153996	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	68	0			DEEP												
69	44.338177	-89.153991	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	69	0			DEEP												
70	44.338507	-89.153986	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	70	0			DEEP												
71	44.338838	-89.153981	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	71	0			DEEP												
72	44.339168	-89.153977	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	72	0			DEEP												
73	44.339498	-89.153972	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	73	0			DEEP												
74	44.339829	-89.153967	31	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	74	27		Rope	SAMPLED			1					1				
75	44.340159	-89.153962	34	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	75	4	Muck	Pole	SAMPLED			1			1						
76	44.340490	-89.153958	35	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	76	1	Sand	Pole	SAMPLED			0									
77	44.336852	-89.153550	3	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	77	20	Muck	Rope	SAMPLED			1					1				
78	44.337183	-89.153545	357	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	78	39			DEEP												
79	44.337513	-89.153540	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	79	0			DEEP												
80	44.337843	-89.153535	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	80	0			DEEP												
81	44.338174	-89.153531	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	81	0			DEEP												
82	44.338504	-89.153526	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	82	0			DEEP												
83	44.338834	-89.153521	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	83	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	Myriophyllum spicatum	Ceratophyllum demersum	Chara spp.	Najas flexilis	Nitella spp.	Nymphaea odorata	Potamogeton illinoensis	Stuckenia pectinata	Filamentous algae	
84	44.339165	-89.153516	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	84	0			DEEP													
85	44.339495	-89.153512	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	85	0			DEEP													
86	44.339825	-89.153507	32	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	86	35			DEEP													
87	44.340156	-89.153502	33	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	87	25		Rope	SAMPLED			2		2								
88	44.340486	-89.153497	37	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	88	5	Muck	Pole	SAMPLED			1		1								
89	44.340817	-89.153493	44	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	89	3	Muck	Pole	SAMPLED			1		1								
90	44.341147	-89.153488	45	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	90	4	Muck	Pole	SAMPLED			2		2								
91	44.341477	-89.153483	53	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	91	3	Muck	Pole	SAMPLED			3		3								
92	44.341808	-89.153478	54	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	92	1	Sand	Pole	SAMPLED			0										
93	44.336849	-89.153089	355	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	93	10	Muck	Pole	SAMPLED			1		1								
94	44.337179	-89.153085	356	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	94	39			DEEP													
95	44.337509	-89.153080	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	95	0			DEEP													
96	44.337840	-89.153075	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	96	0			DEEP													
97	44.338170	-89.153070	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	97	0			DEEP													
98	44.338501	-89.153066	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	98	0			DEEP													
99	44.338831	-89.153061	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	99	0			DEEP													
100	44.339161	-89.153056	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	100	0			DEEP													
101	44.339492	-89.153051	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	101	0			DEEP													
102	44.339822	-89.153047	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	102	0			DEEP													
103	44.340152	-89.153042	41	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	103	30		Rope	SAMPLED			0										
104	44.340483	-89.153037	38	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	104	17		Rope	SAMPLED			1		1								
105	44.340813	-89.153032	43	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	105	7	Muck	Pole	SAMPLED			2		2								
106	44.341143	-89.153028	46	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	106	16		Rope	SAMPLED			1		1								
107	44.341474	-89.153023	52	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	107	14	Muck	Pole	SAMPLED			2		2						1		
108	44.341804	-89.153018	55	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	108	4	Muck	Pole	SAMPLED			2		2								
109	44.342135	-89.153013	67	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	109	2	Sand	Pole	SAMPLED			0										
110	44.342465	-89.153008	69	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	110	0			TERRESTRIAL													
111	44.336845	-89.152629	354	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	111	0			SHALLOW													
112	44.337176	-89.152624	353	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	112	36			DEEP													
113	44.337506	-89.152620	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	113	0			DEEP													
114	44.337836	-89.152615	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	114	0			DEEP													
115	44.338167	-89.152610	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	115	0			DEEP													
116	44.338497	-89.152605	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	116	0			DEEP													
117	44.338828	-89.152601	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	117	0			DEEP													
118	44.339158	-89.152596	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	118	0			DEEP													
119	44.339488	-89.152591	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	119	0			DEEP													
120	44.339819	-89.152586	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	120	0			DEEP													
121	44.340149	-89.152581	40	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	121	32			DEEP													
122	44.340479	-89.152577	39	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	122	32			DEEP													
123	44.340810	-89.152572	42	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	123	28		Rope	SAMPLED			0										
124	44.341140	-89.152567	47	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	124	29		Rope	SAMPLED			0										
125	44.341470	-89.152562	51	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	125	25		Rope	SAMPLED			0										
126	44.341801	-89.152558	56	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	126	18		Rope	SAMPLED			1		1								
127	44.342131	-89.152553	66	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	127	4	Muck	Pole	SAMPLED			2		2								
128	44.342462	-89.152548	68	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	128	3	Muck	Pole	SAMPLED			3		3								
129	44.342792	-89.152543	87	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	129	3	Muck	Pole	SAMPLED			0										
130	44.343122	-89.152539	89	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	130	3	Muck	Pole	SAMPLED			2		2						1		
131	44.343453	-89.152534	102	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	131	0			DOCK													
132	44.343783	-89.152529	104	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	132	0			SHALLOW													
133	44.336842	-89.152169	351	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	133	0			SHALLOW													
134	44.337172	-89.152164	352	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	134	42			DEEP													
135	44.337503	-89.152159	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	135	0			DEEP													
136	44.337833	-89.152154	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	136	0			DEEP													

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137	44.338163	-89.152150	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	137	0			DEEP													
138	44.338494	-89.152145	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	138	0			DEEP													
139	44.338824	-89.152140	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	139	0			DEEP													
140	44.339154	-89.152135	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	140	0			DEEP													
141	44.339485	-89.152131	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	141	0			DEEP													
142	44.339815	-89.152126	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	142	0			DEEP													
143	44.340146	-89.152121	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	143	0			DEEP													
144	44.340476	-89.152116	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	144	0			DEEP													
145	44.340806	-89.152112	49	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	145	45			DEEP													
146	44.341137	-89.152107	48	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	146	37			DEEP													
147	44.341467	-89.152102	50	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	147	17		Rope	SAMPLED			1		1	1							
148	44.341797	-89.152097	57	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	148	6	Muck	Pole	SAMPLED			1			1							
149	44.342128	-89.152093	65	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	149	16		Rope	SAMPLED			2			2							
150	44.342458	-89.152088	70	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	150	17		Rope	SAMPLED			1			1							
151	44.342788	-89.152083	88	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	151	17		Rope	SAMPLED			1			1							
152	44.343119	-89.152078	90	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	152	24		Rope	SAMPLED			1			1							
153	44.343449	-89.152074	101	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	153	5	Muck	Pole	SAMPLED			2			2							
154	44.343780	-89.152069	103	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	154	1	Rock	Pole	SAMPLED			0										
155	44.344110	-89.152064	110	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	155	0			SHALLOW													
156	44.344440	-89.152059	113	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	156	0			SHALLOW													
157	44.344771	-89.152054	114	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	157	0			SHALLOW													
158	44.348405	-89.152002	163	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	158	0			SHALLOW													
159	44.336839	-89.151708	350	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	159	2	Rock	Pole	SAMPLED			0										
160	44.337169	-89.151704	349	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	160	50			DEEP													
161	44.337499	-89.151699	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	161	0			DEEP													
162	44.337830	-89.151694	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	162	0			DEEP													
163	44.338160	-89.151689	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	163	0			DEEP													
164	44.338490	-89.151685	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	164	0			DEEP													
165	44.338821	-89.151680	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	165	0			DEEP													
166	44.339151	-89.151675	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	166	0			DEEP													
167	44.339481	-89.151670	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	167	0			DEEP													
168	44.339812	-89.151666	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	168	0			DEEP													
169	44.340142	-89.151661	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	169	0			DEEP													
170	44.340473	-89.151656	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	170	0			DEEP													
171	44.340803	-89.151651	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	171	0			DEEP													
172	44.341133	-89.151647	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	172	0			DEEP													
173	44.341464	-89.151642	61	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	173	22		Rope	SAMPLED			0										
174	44.341794	-89.151637	58	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	174	10	Muck	Pole	SAMPLED			3			3							
175	44.342124	-89.151632	64	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	175	5	Muck	Pole	SAMPLED			1			1							
176	44.342455	-89.151627	71	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	176	20		Rope	SAMPLED			1			1							
177	44.342785	-89.151623	86	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	177	24		Rope	SAMPLED			3			3							
178	44.343115	-89.151618	91	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	178	31			DEEP													
179	44.343446	-89.151613	100	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	179	19		Rope	SAMPLED			1			1							
180	44.343776	-89.151608	105	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	180	4	Muck	Pole	SAMPLED			1			1							
181	44.344107	-89.151604	109	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	181	0			SHALLOW													
182	44.344437	-89.151599	112	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	182	2	Rock	Pole	SAMPLED			0										
183	44.344767	-89.151594	115	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	183	0			SHALLOW													
184	44.347080	-89.151561	144	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	184	0			SHALLOW													
185	44.347410	-89.151556	148	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	185	22		Rope	SAMPLED			1			1							
186	44.347741	-89.151551	149	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	186	19		Rope	SAMPLED			1			1							
187	44.348071	-89.151546	161	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	187	2	Sand	Pole	SAMPLED			2			2							
188	44.348401	-89.151542	162	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	188	0			SHALLOW													
189	44.336835	-89.151248	347	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	189	4	Muck	Pole	SAMPLED			2			2							

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190	44.337165	-89.151243	348	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	190	40			DEEP													
191	44.337496	-89.151239	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	191	0			DEEP													
192	44.337826	-89.151234	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	192	0			DEEP													
193	44.338157	-89.151229	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	193	0			DEEP													
194	44.338487	-89.151224	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	194	0			DEEP													
195	44.338817	-89.151220	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	195	0			DEEP													
196	44.339148	-89.151215	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	196	0			DEEP													
197	44.339478	-89.151210	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	197	0			DEEP													
198	44.339808	-89.151205	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	198	0			DEEP													
199	44.340139	-89.151200	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	199	0			DEEP													
200	44.340469	-89.151196	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	200	0			DEEP													
201	44.340799	-89.151191	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	201	0			DEEP													
202	44.341130	-89.151186	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	202	0			DEEP													
203	44.341460	-89.151181	62	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	203	35			DEEP													
204	44.341791	-89.151177	59	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	204	17		Rope	SAMPLED			0										
205	44.342121	-89.151172	63	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	205	4	Rock	Pole	SAMPLED			1			1							
206	44.342451	-89.151167	72	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	206	20		Rope	SAMPLED			1			1							
207	44.342782	-89.151162	85	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	207	33			DEEP													
208	44.343112	-89.151158	92	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	208	35			DEEP													
209	44.343442	-89.151153	99	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	209	39			DEEP													
210	44.343773	-89.151148	106	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	210	35			DEEP													
211	44.344103	-89.151143	108	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	211	25		Rope	SAMPLED			1			1							
212	44.344433	-89.151139	111	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	212	5	Muck	Pole	SAMPLED			2			2							
213	44.346746	-89.151105	146	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	213	0			SHALLOW													
214	44.347076	-89.151100	143	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	214	18		Rope	SAMPLED			1			1							
215	44.347407	-89.151096	147	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	215	21		Rope	SAMPLED			1			1							
216	44.347737	-89.151091	150	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	216	17		Rope	SAMPLED			1			1							
217	44.348067	-89.151086	159	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	217	3	Muck	Pole	SAMPLED			3			3							
218	44.348398	-89.151081	160	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	218	0			SHALLOW													
219	44.336832	-89.150788	346	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	219	2	Muck	Pole	SAMPLED			2			2							
220	44.337162	-89.150783	345	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	220	39			DEEP													
221	44.337492	-89.150778	344	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	221	51			DEEP													
222	44.337823	-89.150774	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	222	0			DEEP													
223	44.338153	-89.150769	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	223	0			DEEP													
224	44.338483	-89.150764	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	224	0			DEEP													
225	44.338814	-89.150759	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	225	0			DEEP													
226	44.339144	-89.150754	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	226	0			DEEP													
227	44.339475	-89.150750	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	227	0			DEEP													
228	44.339805	-89.150745	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	228	0			DEEP													
229	44.340135	-89.150740	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	229	0			DEEP													
230	44.340466	-89.150735	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	230	0			DEEP													
231	44.340796	-89.150731	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	231	0			DEEP													
232	44.341126	-89.150726	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	232	0			DEEP													
233	44.341457	-89.150721	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	233	0			DEEP													
234	44.341787	-89.150716	60	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	234	34			DEEP													
235	44.342117	-89.150712	78	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	235	21		Rope	SAMPLED			2										2
236	44.342448	-89.150707	73	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	236	21		Rope	SAMPLED			2			2							
237	44.342778	-89.150702	84	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	237	28		Rope	SAMPLED			0										
238	44.343109	-89.150697	93	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	238	37			DEEP													
239	44.343439	-89.150692	98	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	239	45			DEEP													
240	44.343769	-89.150688	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	240	0			DEEP													
241	44.344100	-89.150683	107	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	241	42			DEEP													
242	44.344430	-89.150678	116	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	242	9	Muck	Pole	SAMPLED			3			3							

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	Myriophyllum spicatum	Ceratophyllum demersum	Chara spp.	Najas flexilis	Nitella spp.	Nymphaea odorata	Potamogeton illinoensis	Stuckenia pectinata	Filamentous algae
243	44.3457515	-89.1506591	126	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	243	17		Rope	SAMPLED			2			2						
244	44.3460819	-89.1506543	129	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	244	0			SHALLOW												
245	44.3464122	-89.1506495	130	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	245	3	Muck	Pole	SAMPLED			3			3						
246	44.3467426	-89.1506447	145	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	246	22		Rope	SAMPLED			0									
247	44.3470729	-89.15064	142	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	247	23		Rope	SAMPLED			1			1						
248	44.3474033	-89.1506352	158	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	248	18		Rope	SAMPLED			1			1						
249	44.3477337	-89.1506304	151	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	249	16		Rope	SAMPLED			1			1						
250	44.348064	-89.1506257	164	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	250	12	Muck	Pole	SAMPLED			3			3						
251	44.3483944	-89.1506209	171	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	251	3	Muck	Pole	SAMPLED			3			3						
252	44.3487248	-89.1506161	172	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	252	0			DOCK												
253	44.3368282	-89.1503275	341	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	253	3	Muck	Pole	SAMPLED			2			2						
254	44.3371586	-89.1503228	342	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	254	26		Rope	SAMPLED			0									
255	44.337489	-89.150318	343	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	255	50			DEEP												
256	44.3378193	-89.1503132	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	256	0			DEEP												
257	44.3381497	-89.1503084	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	257	0			DEEP												
258	44.3384801	-89.1503037	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	258	0			DEEP												
259	44.3388104	-89.1502989	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	259	0			DEEP												
260	44.3391408	-89.1502941	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	260	0			DEEP												
261	44.3394712	-89.1502894	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	261	0			DEEP												
262	44.3398015	-89.1502846	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	262	0			DEEP												
263	44.3401319	-89.1502798	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	263	0			DEEP												
264	44.3404622	-89.150275	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	264	0			DEEP												
265	44.3407926	-89.1502703	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	265	0			DEEP												
266	44.341123	-89.1502655	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	266	0			DEEP												
267	44.3414533	-89.1502607	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	267	0			DEEP												
268	44.3417837	-89.150256	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	268	0			DEEP												
269	44.3421141	-89.1502512	77	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	269	32			DEEP												
270	44.3424444	-89.1502464	74	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	270	5	Muck	Pole	SAMPLED			2			2						
271	44.3427748	-89.1502416	79	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	271	4	Muck	Pole	SAMPLED			1			1						
272	44.3431052	-89.1502369	94	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	272	5	Muck	Pole	SAMPLED			2			2						
273	44.3434355	-89.1502321	97	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	273	37			DEEP												
274	44.3437659	-89.1502273	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	274	0			DEEP												
275	44.3440962	-89.1502226	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	275	0			DEEP												
276	44.3444266	-89.1502178	117	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	276	25		Rope	SAMPLED			1			1						
277	44.3454177	-89.1502035	125	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	277	0			SWIM AREA												
278	44.3457481	-89.1501987	127	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	278	51			DEEP												
279	44.3460784	-89.1501939	128	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	279	36			DEEP												
280	44.3464088	-89.1501891	131	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	280	31			DEEP												
281	44.3467392	-89.1501844	132	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	281	23		Rope	SAMPLED			1			1						
282	44.3470695	-89.1501796	141	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	282	17		Rope	SAMPLED			1			1						
283	44.3473999	-89.1501748	157	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	283	6	Muck	Pole	SAMPLED			3			3						
284	44.3477302	-89.15017	152	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	284	12	Muck	Pole	SAMPLED			3			3						
285	44.3480606	-89.1501653	165	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	285	9	Muck	Pole	SAMPLED			3			3					1	
286	44.348391	-89.1501605	170	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	286	3	Muck	Pole	SAMPLED			3			3						
287	44.3487213	-89.1501557	173	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	287	0			SHALLOW												
288	44.3368248	-89.1498672	340	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	288	0			DOCK												
289	44.3371552	-89.1498625	339	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	289	5	Muck	Pole	SAMPLED			1			1						
290	44.3374855	-89.1498577	338	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	290	40			DEEP												
291	44.3378159	-89.1498529	337	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	291	56			DEEP												
292	44.3381463	-89.1498481	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	292	0			DEEP												
293	44.3384766	-89.1498434	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	293	0			DEEP												
294	44.338807	-89.1498386	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	294	0			DEEP												
295	44.3391374	-89.1498338	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	295	0			DEEP												

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296	44.3394677	-89.149829	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	296	0			DEEP													
297	44.3397981	-89.1498243	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	297	0			DEEP													
298	44.3401285	-89.1498195	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	298	0			DEEP													
299	44.3404588	-89.1498147	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	299	0			DEEP													
300	44.3407892	-89.1498099	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	300	0			DEEP													
301	44.3411195	-89.1498052	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	301	0			DEEP													
302	44.3414499	-89.1498004	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	302	0			DEEP													
303	44.3417803	-89.1497956	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	303	0			DEEP													
304	44.3421106	-89.1497908	76	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	304	17		Rope	SAMPLED			1			1							
305	44.342441	-89.1497861	75	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	305	5	Muck	Pole	SAMPLED			3			3							
306	44.3427714	-89.1497813	80	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	306	2	Rock	Pole	SAMPLED			0										
307	44.3431017	-89.1497785	95	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	307	0			SHALLOW													
308	44.3434321	-89.1497717	96	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	308	4	Muck	Pole	SAMPLED			1			1							
309	44.3437625	-89.149767	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	309	0			DEEP													
310	44.3440928	-89.1497622	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	310	0			DEEP													
311	44.3444232	-89.1497574	118	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	311	36			DEEP													
312	44.3447535	-89.1497526	120	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	312	27		Rope	SAMPLED			2			2							
313	44.3450839	-89.1497479	121	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	313	29		Rope	SAMPLED			0										
314	44.3454143	-89.1497431	124	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	314	55			DEEP													
315	44.3457446	-89.1497383	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	315	0			DEEP													
316	44.346075	-89.1497335	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	316	0			DEEP													
317	44.3464054	-89.1497288	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	317	0			DEEP													
318	44.3467357	-89.149724	133	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	318	3	Muck	Pole	SAMPLED			3			3							
319	44.3470661	-89.1497192	140	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	319	2	Sand	Pole	SAMPLED			1			1							
320	44.3473965	-89.1497144	156	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	320	4	Muck	Pole	SAMPLED			3			3							
321	44.3477268	-89.1497097	153	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	321	16	Muck	Pole	SAMPLED			1		1	1							1
322	44.3480572	-89.1497049	166	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	322	12	Muck	Pole	SAMPLED			2			2							
323	44.3483875	-89.1497001	169	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	323	4	Muck	Pole	SAMPLED			3			3							
324	44.3487179	-89.1496953	174	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	324	3	Muck	Pole	SAMPLED			1			1							
325	44.3490483	-89.1496906	175	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	325	2	Muck	Pole	SAMPLED			2			2							
326	44.3368214	-89.1494069	333	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	326	4	Muck	Pole	SAMPLED			1			1							
327	44.3371517	-89.1494021	334	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	327	6	Muck	Pole	SAMPLED			1	V		1							
328	44.3374821	-89.1493974	335	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	328	28		Rope	SAMPLED			0										
329	44.3378125	-89.1493926	336	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	329	56			DEEP													
330	44.3381428	-89.1493878	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	330	0			DEEP													
331	44.3384732	-89.149383	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	331	0			DEEP													
332	44.3388036	-89.1493783	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	332	0			DEEP													
333	44.3391339	-89.1493735	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	333	0			DEEP													
334	44.3394643	-89.1493687	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	334	0			DEEP													
335	44.3397947	-89.1493639	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	335	0			DEEP													
336	44.340125	-89.1493592	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	336	0			DEEP													
337	44.3404554	-89.1493544	274	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	337	56			DEEP													
338	44.3407858	-89.1493496	273	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	338	62			DEEP													
339	44.3411161	-89.1493448	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	339	0			DEEP													
340	44.3414465	-89.1493401	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	340	0			DEEP													
341	44.3417768	-89.1493353	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	341	0			DEEP													
342	44.3421072	-89.1493305	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	342	0			DEEP													
343	44.3424376	-89.1493257	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	343	0			DEEP													
344	44.3427679	-89.1493209	81	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	344	2	Rock	Pole	SAMPLED			0										
345	44.3430983	-89.1493162	82	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	345	0			SHALLOW													
346	44.3434287	-89.1493114	242	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	346	8	Rock	Pole	SAMPLED			0										
347	44.343759	-89.1493066	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	347	0			DEEP													
348	44.3440894	-89.1493018	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	348	0			DEEP													

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349	44.3444198	-89.1492971	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	349	0			DEEP												
350	44.3447501	-89.1492923	119	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	350	55			DEEP												
351	44.3450805	-89.1492875	122	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	351	55			DEEP												
352	44.3454108	-89.1492827	123	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	352	54			DEEP												
353	44.3457412	-89.1492779	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	353	0			DEEP												
354	44.3460716	-89.1492732	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	354	0			DEEP												
355	44.3464019	-89.1492684	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	355	0			DEEP												
356	44.3467323	-89.1492636	134	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	356	5	Muck	Pole	SAMPLED			1		1							
357	44.3470627	-89.1492588	139	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	357	20		Rope	SAMPLED			1		1							
358	44.347393	-89.149254	155	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	358	25		Rope	SAMPLED			0									
359	44.3477234	-89.1492493	154	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	359	24		Rope	SAMPLED			0									
360	44.3480538	-89.1492445	167	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	360	20		Rope	SAMPLED			0									
361	44.3483841	-89.1492397	168	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	361	28		Rope	SAMPLED			1		1							
362	44.3487145	-89.1492349	187	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	362	21		Rope	SAMPLED			1					1				
363	44.3490448	-89.1492302	176	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	363	3	Muck	Pole	SAMPLED			2		2							
364	44.3493752	-89.1492254	177	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	364	0			TERRESTRIAL												
365	44.3364876	-89.1489514	332	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	365	0			SHALLOW												
366	44.336818	-89.1489466	331	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	366	3	Muck	Pole	SAMPLED			1		1							
367	44.3371483	-89.1489418	330	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	367	4	Muck	Pole	SAMPLED			3		3							
368	44.3374787	-89.1489371	329	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	368	18		Rope	SAMPLED			2		2							
369	44.337809	-89.1489323	328	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	369	42			DEEP												
370	44.3381394	-89.1489275	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	370	0			DEEP												
371	44.3384698	-89.1489227	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	371	0			DEEP												
372	44.3388001	-89.1489179	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	372	0			DEEP												
373	44.3391305	-89.1489132	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	373	0			DEEP												
374	44.3394609	-89.1489084	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	374	0			DEEP												
375	44.3397912	-89.1489036	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	375	0			DEEP												
376	44.3401216	-89.1488988	281	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	376	41			DEEP												
377	44.340452	-89.1488941	275	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	377	46			DEEP												
378	44.3407823	-89.1488893	272	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	378	28		Rope	SAMPLED			0									
379	44.3411127	-89.1488845	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	379	0			DEEP												
380	44.3414431	-89.1488797	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	380	0			DEEP												
381	44.3417734	-89.1488749	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	381	0			DEEP												
382	44.3421038	-89.1488702	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	382	0			DEEP												
383	44.3424341	-89.1488654	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	383	0			DEEP												
384	44.3427645	-89.1488606	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	384	0			DEEP												
385	44.3430949	-89.1488558	83	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	385	0			TERRESTRIAL												
386	44.3434252	-89.148851	241	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	386	17		Rope	SAMPLED			1		1							
387	44.3437556	-89.1488463	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	387	0			DEEP												
388	44.344086	-89.1488415	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	388	0			DEEP												
389	44.3444163	-89.1488367	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	389	0			DEEP												
390	44.3447467	-89.1488319	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	390	0			DEEP												
391	44.3450771	-89.1488271	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	391	0			DEEP												
392	44.3454074	-89.1488223	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	392	0			DEEP												
393	44.3457378	-89.1488176	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	393	0			DEEP												
394	44.3460681	-89.1488128	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	394	0			DEEP												
395	44.3463985	-89.148808	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	395	0			DEEP												
396	44.3467289	-89.1488032	135	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	396	28		Rope	SAMPLED			1					1				
397	44.3470592	-89.1487984	137	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	397	28		Rope	SAMPLED			0									
398	44.3473896	-89.1487937	205	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	398	29		Rope	SAMPLED			0									
399	44.34772	-89.1487889	206	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	399	27		Rope	SAMPLED			0									
400	44.3480503	-89.1487841	207	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	400	29		Rope	SAMPLED			0									
401	44.3483807	-89.1487793	208	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	401	29		Rope	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	Myriophyllum spicatum	Ceratophyllum demersum	Chara spp.	Najas flexilis	Nitella spp.	Nymphaea odorata	Potamogeton illinoensis	Stuckenia pectinata	Filamentous algae
402	44.3487111	-89.1487745	188	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	402	31			DEEP												
403	44.3490414	-89.1487698	186	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	403	17		Rope	SAMPLED			1			1						
404	44.3493718	-89.148765	178	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	404	2	Muck	Pole	SAMPLED			2			2						
405	44.3361538	-89.1484959	317	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	405	0			SHALLOW												
406	44.3364842	-89.1484911	318	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	406	3	Muck	Pole	SAMPLED			3			3						
407	44.3368145	-89.1484863	319	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	407	4	Muck	Pole	SAMPLED			2			2						
408	44.3371449	-89.1484815	320	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	408	4	Muck	Pole	SAMPLED			2			2						
409	44.3374753	-89.1484768	321	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	409	12	Muck	Pole	SAMPLED			2			2						
410	44.3378056	-89.148472	322	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	410	27		Rope	SAMPLED			0									
411	44.338136	-89.1484672	327	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	411	44			DEEP												
412	44.3384663	-89.1484624	326	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	412	58			DEEP												
413	44.3387967	-89.1484576	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	413	0			DEEP												
414	44.3391271	-89.1484528	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	414	0			DEEP												
415	44.3394574	-89.1484481	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	415	0			DEEP												
416	44.3397878	-89.1484433	282	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	416	46			DEEP												
417	44.3401182	-89.1484385	280	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	417	18		Rope	SAMPLED			0									
418	44.3404485	-89.1484337	276	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	418	5	Muck	Pole	SAMPLED			2			2						
419	44.3407789	-89.1484289	269	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	419	5	Muck	Pole	SAMPLED			2			2						
420	44.3411093	-89.1484242	268	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	420	39			DEEP												
421	44.3414396	-89.1484194	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	421	0			DEEP												
422	44.34177	-89.1484146	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	422	0			DEEP												
423	44.3421003	-89.1484098	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	423	0			DEEP												
424	44.3424307	-89.148405	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	424	0			DEEP												
425	44.3427611	-89.1484002	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	425	0			DEEP												
426	44.3430914	-89.1483955	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	426	0			DEEP												
427	44.3434218	-89.1483907	240	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	427	26		Rope	SAMPLED			0									
428	44.3437522	-89.1483859	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	428	0			DEEP												
429	44.3440825	-89.1483811	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	429	0			DEEP												
430	44.3444129	-89.1483763	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	430	0			DEEP												
431	44.3447433	-89.1483715	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	431	0			DEEP												
432	44.3450736	-89.1483668	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	432	0			DEEP												
433	44.345404	-89.148362	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	433	0			DEEP												
434	44.3457344	-89.1483572	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	434	0			DEEP												
435	44.3460647	-89.1483524	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	435	0			DEEP												
436	44.3463951	-89.1483476	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	436	0			DEEP												
437	44.3467254	-89.1483428	136	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	437	33			DEEP												
438	44.3470558	-89.1483381	138	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	438	33			DEEP												
439	44.3473862	-89.1483333	212	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	439	31			DEEP												
440	44.3477165	-89.1483285	211	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	440	31			DEEP												
441	44.3480469	-89.1483237	210	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	441	31			DEEP												
442	44.3483773	-89.1483189	209	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	442	0			DEEP												
443	44.3487076	-89.1483141	189	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	443	31			DEEP												
444	44.349038	-89.1483094	185	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	444	17		Rope	SAMPLED			1						1			
445	44.3493683	-89.1483046	179	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	445	2	Muck	Pole	SAMPLED			3	V		3						
446	44.3361504	-89.1480356	316	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	446	3	Muck	Pole	SAMPLED			0	V								
447	44.3364807	-89.1480308	315	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	447	3	Muck	Pole	SAMPLED			3	V		3						
448	44.3368111	-89.148026	314	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	448	5	Muck	Pole	SAMPLED	fisherman		3			3						
449	44.3371415	-89.1480212	313	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	449	4	Muck	Pole	SAMPLED	fisherman		2			2						
450	44.3374718	-89.1480164	312	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	450	5	Muck	Pole	SAMPLED			1			1						
451	44.3378022	-89.1480117	323	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	451	5	Muck	Pole	SAMPLED			1			1						
452	44.3381325	-89.1480069	324	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	452	27		Rope	SAMPLED			0									
453	44.3384629	-89.1480021	325	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	453	58			DEEP												
454	44.3387933	-89.1479973	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	454	0			DEEP												



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455	44.3391236	-89.1479925	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	455	0			DEEP													
456	44.339454	-89.1479877	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	456	0			DEEP													
457	44.3397844	-89.147983	283	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	457	46			DEEP													
458	44.3401147	-89.1479782	279	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	458	5	Muck	Pole	SAMPLED			2		2								
459	44.3404451	-89.1479734	277	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	459	4	Muck	Pole	SAMPLED			2		2								
460	44.3407755	-89.1479686	270	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	460	0			SHALLOW													
461	44.3411058	-89.1479638	265	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	461	17		Rope	SAMPLED			1		1								
462	44.3414362	-89.147959	267	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	462	33			DEEP													
463	44.3417666	-89.1479542	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	463	0			DEEP													
464	44.3420969	-89.1479495	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	464	0			DEEP													
465	44.3424273	-89.1479447	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	465	0			DEEP													
466	44.3427576	-89.1479399	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	466	0			DEEP													
467	44.343088	-89.1479351	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	467	0			DEEP													
468	44.3434184	-89.1479303	239	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	468	36			DEEP													
469	44.3437487	-89.1479255	238	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	469	34			DEEP													
470	44.3440791	-89.1479208	235	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	470	31			DEEP													
471	44.3444095	-89.147916	234	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	471	31			DEEP													
472	44.3447398	-89.1479112	231	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	472	32			DEEP													
473	44.3450702	-89.1479064	230	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	473	33			DEEP													
474	44.3454006	-89.1479016	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	474	0			DEEP													
475	44.3457309	-89.1478968	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	475	0			DEEP													
476	44.3460613	-89.147892	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	476	0			DEEP													
477	44.3463916	-89.1478872	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	477	0			DEEP													
478	44.346722	-89.1478825	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	478	0			DEEP													
479	44.3470524	-89.1478777	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	479	0			DEEP													
480	44.3473827	-89.1478729	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	480	0			DEEP													
481	44.3477131	-89.1478681	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	481	0			DEEP													
482	44.3480435	-89.1478633	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	482	0			DEEP													
483	44.3483738	-89.1478585	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	483	0			DEEP													
484	44.3487042	-89.1478537	190	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	484	34			DEEP													
485	44.3490346	-89.147849	184	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	485	20		Rope	SAMPLED			1					1					
486	44.3493649	-89.1478442	180	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	486	0			DOCK													
487	44.337138	-89.1475609	311	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	487	0			SHALLOW													
488	44.3374684	-89.1475561	310	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	488	4	Muck	Pole	SAMPLED			1		1								
489	44.3377988	-89.1475514	309	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	489	5	Muck	Pole	SAMPLED			1		1								
490	44.3381291	-89.1475466	308	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	490	17		Rope	SAMPLED			1		1								
491	44.3384595	-89.1475418	307	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	491	43			DEEP													
492	44.3387898	-89.147537	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	492	0			DEEP													
493	44.3391202	-89.1475322	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	493	0			DEEP													
494	44.3394506	-89.1475274	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	494	0			DEEP													
495	44.3397809	-89.1475226	284	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	495	25		Rope	SAMPLED			0										
496	44.3401113	-89.1475178	285	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	496	0			SHALLOW													
497	44.3404417	-89.1475131	278	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	497	0			SHALLOW													
498	44.340772	-89.1475083	271	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	498	0			SHALLOW													
499	44.3411024	-89.1475035	266	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	499	0			SHALLOW													
500	44.3414328	-89.1474987	264	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	500	18		Rope	SAMPLED			1		1								
501	44.3417631	-89.1474939	263	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	501	38			DEEP													
502	44.3420935	-89.1474891	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	502	0			DEEP													
503	44.3424238	-89.1474843	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	503	0			DEEP													
504	44.3427542	-89.1474795	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	504	0			DEEP													
505	44.3430846	-89.1474748	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	505	0			DEEP													
506	44.3434149	-89.14747	244	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	506	34			DEEP													
507	44.3437453	-89.1474652	237	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	507	6	Muck	Pole	SAMPLED			1		1								

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508	44.3440757	-89.1474604	236	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	508	3	Rock	Pole	SAMPLED			1			1						
509	44.344406	-89.1474556	233	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	509	11	Muck	Pole	SAMPLED			3			3						
510	44.3447364	-89.1474508	232	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	510	5	Muck	Pole	SAMPLED			2			2						
511	44.3450668	-89.1474446	229	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	511	27		Rope	SAMPLED			1					1				
512	44.3453971	-89.1474412	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	512	0			DEEP												
513	44.3457275	-89.1474364	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	513	0			DEEP												
514	44.3460578	-89.1474317	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	514	0			DEEP												
515	44.3463882	-89.1474269	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	515	0			DEEP												
516	44.3467186	-89.1474221	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	516	0			DEEP												
517	44.3470489	-89.1474173	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	517	0			DEEP												
518	44.3473793	-89.1474125	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	518	0			DEEP												
519	44.3477097	-89.1474077	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	519	0			DEEP												
520	44.34804	-89.1474029	195	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	520	40			DEEP												
521	44.3483704	-89.1473981	194	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	521	38			DEEP												
522	44.3487008	-89.1473933	191	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	522	35			DEEP												
523	44.3490311	-89.1473886	183	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	523	16		Rope	SAMPLED			1		1							
524	44.3493615	-89.1473838	181	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	524	2	Muck	Pole	SAMPLED			2		2					1		
525	44.337465	-89.1470958	305	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	525	4	Muck	Pole	SAMPLED			2		2							
526	44.3377953	-89.147091	306	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	526	31			DEEP												
527	44.3381257	-89.1470863	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	527	0			DEEP												
528	44.338456	-89.1470815	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	528	0			DEEP												
529	44.3387864	-89.1470767	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	529	0			DEEP												
530	44.3391168	-89.1470719	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	530	0			DEEP												
531	44.3394471	-89.1470671	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	531	0			DEEP												
532	44.3397775	-89.1470623	286	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	532	6	Muck	Pole	SAMPLED			3		3							
533	44.3401079	-89.1470575	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	533	0			DEEP												
534	44.3417597	-89.1470336	262	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	534	16		Rope	SAMPLED			1		1							
535	44.34209	-89.1470288	261	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	535	32			DEEP												
536	44.3424204	-89.147024	260	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	536	52			DEEP												
537	44.3427508	-89.1470192	256	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	537	51			DEEP												
538	44.3430811	-89.1470144	255	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	538	37			DEEP												
539	44.3434115	-89.1470096	245	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	539	4	Rock	Pole	SAMPLED			0									
540	44.3437419	-89.1470048	243	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	540	0			SHALLOW												
541	44.3450633	-89.1469857	228	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	541	21		Pole	SAMPLED			0									
542	44.3453937	-89.1469809	224	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	542	31			DEEP												
543	44.345724	-89.1469761	223	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	543	36			DEEP												
544	44.3460544	-89.1469713	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	544	0			DEEP												
545	44.3463848	-89.1469665	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	545	0			DEEP												
546	44.3467151	-89.1469617	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	546	0			DEEP												
547	44.3470455	-89.1469569	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	547	0			DEEP												
548	44.3473759	-89.1469521	200	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	548	0			DEEP												
549	44.3477062	-89.1469473	199	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	549	0			DEEP												
550	44.3480366	-89.1469425	196	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	550	28		Rope	SAMPLED			1		1							
551	44.348367	-89.1469377	193	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	551	7	Muck	Pole	SAMPLED			2		2							
552	44.3486973	-89.146933	192	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	552	4	Muck	Pole	SAMPLED			2		2							
553	44.3490277	-89.1469282	182	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	553	2	Muck	Pole	SAMPLED			1		1							
554	44.3374615	-89.1466355	304	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	554	3	Muck	Pole	SAMPLED			1		1							
555	44.3377919	-89.1466307	302	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	555	40			DEEP												
556	44.3381222	-89.1466259	301	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	556	36			DEEP												
557	44.3384526	-89.1466211	297	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	557	48			DEEP												
558	44.338783	-89.1466164	296	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	558	49			DEEP												
559	44.3391133	-89.1466116	293	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	559	45			DEEP												
560	44.3394437	-89.1466068	292	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	560	40			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	Myriophyllum spicatum	Ceratophyllum demersum	Chara spp.	Najas flexilis	Nitella spp.	Nymphaea odorata	Potamogeton illinoensis	Stuckenia pectinata	Filamentous algae
561	44.3397741	-89.146602	287	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	561	34		Rope	SAMPLED			0									
562	44.342417	-89.1465636	259	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	562	8	Muck	Pole	SAMPLED			2			2						
563	44.3427473	-89.1465588	257	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	563	32			DEEP												
564	44.3430777	-89.1465541	254	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	564	19		Rope	SAMPLED			0									
565	44.3434081	-89.1465493	246	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	565	4	Muck	Pole	SAMPLED			2			2						
566	44.3450599	-89.1465253	227	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	566	17		Rope	SAMPLED			1			1						
567	44.3453902	-89.1465205	225	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	567	28		Rope	SAMPLED			0									
568	44.3457206	-89.1465157	222	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	568	28		Rope	SAMPLED			0									
569	44.346051	-89.1465109	217	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	569	37			DEEP												
570	44.3463813	-89.1465061	216	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	570	36			DEEP												
571	44.3467117	-89.1465013	213	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	571	44			DEEP												
572	44.3470421	-89.1464965	204	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	572	0			DEEP												
573	44.3473724	-89.1464917	201	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	573	0			DEEP												
574	44.3477028	-89.1464869	197	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	574	7	Muck	Pole	SAMPLED			2			2						
575	44.3480331	-89.1464821	198	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	575	0			SHALLOW												
576	44.3377884	-89.1461704	303	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	576	7	Muck	Pole	SAMPLED			0									
577	44.3381188	-89.1461656	300	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	577	16		Rope	SAMPLED			0									
578	44.3384492	-89.1461608	298	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	578	19		Rope	SAMPLED			0									
579	44.3387795	-89.146156	295	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	579	5	Muck	Pole	SAMPLED			1			1						
580	44.3391099	-89.1461512	294	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	580	4	Muck	Pole	SAMPLED			2			2						
581	44.3394403	-89.1461464	291	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	581	12	Muck	Pole	SAMPLED			2			2						
582	44.3397706	-89.1461417	288	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	582	6	Muck	Pole	SAMPLED			1			1						
583	44.3427439	-89.1460985	253	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	583	5	Muck	Pole	SAMPLED			1			1						
584	44.3430743	-89.1460937	258	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	584	5	Muck	Pole	SAMPLED			1			1						
585	44.3434046	-89.1460889	247	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	585	0			SHALLOW												
586	44.3453868	-89.1460601	226	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	586	24		Rope	SAMPLED			1			1						
587	44.3457172	-89.1460553	221	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	587	21		Rope	SAMPLED			0									
588	44.3460475	-89.1460505	218	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	588	15		Rope	SAMPLED			1			1						
589	44.3463779	-89.1460457	215	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	589	17		Rope	SAMPLED			1			1						
590	44.3467083	-89.1460409	214	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	590	13	Muck	Pole	SAMPLED			2			2						
591	44.3470386	-89.1460361	203	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	591	6	Muck	Pole	SAMPLED			3			3						
592	44.347369	-89.1460313	202	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	592	3	Sand	Pole	SAMPLED			1			1						
593	44.3381154	-89.1457053	299	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	593	1	Rock	Pole	SAMPLED			0									
594	44.3397672	-89.1456813	290	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	594	0			OTHER	people swimming											
595	44.3400975	-89.1456765	289	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	595	1	Sand	Pole	SAMPLED			0									
596	44.3427405	-89.1456381	252	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	596	5	Muck	Pole	SAMPLED			2			2						
597	44.3430708	-89.1456333	248	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	597	5	Muck	Pole	SAMPLED			1			1						
598	44.3434012	-89.1456285	0	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	598	0			SHALLOW												
599	44.3457137	-89.145595	220	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	599	0			DOCK												
600	44.3460441	-89.1455902	219	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	600	0			DOCK												
605	44.342737	-89.1451778	251	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	605	5	Muck	Pole	SAMPLED			0									
606	44.3430674	-89.145173	249	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	606	3	Muck	Pole	SAMPLED			2			2						
611	44.3427336	-89.1447174	250	Rainbow Lake	Waupaca	7/12/2016	EEH & JMB	611	4	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	Myriophyllum spicatum	Chara spp.	Myriophyllum sibiricum	Nitella spp.	Potamogeton richardsonii	Flamentous algae	
0	44.338813	-89.171601	53	Round Lake	Waupaca	7/11/2016	EEH & CMB	0	0			DOCK										
1	44.339143	-89.171597	54	Round Lake	Waupaca	7/11/2016	EEH & CMB	1	3	Muck	Pole	SAMPLED			1	1						
2	44.339474	-89.171592	72	Round Lake	Waupaca	7/11/2016	EEH & CMB	2	0			SHALLOW										
4	44.338479	-89.171146	41	Round Lake	Waupaca	7/11/2016	EEH & CMB	4	4	Muck	Pole	SAMPLED			2	2						
5	44.338809	-89.171141	52	Round Lake	Waupaca	7/11/2016	EEH & CMB	5	12	Muck	Pole	SAMPLED			2	2						
6	44.339140	-89.171136	55	Round Lake	Waupaca	7/11/2016	EEH & CMB	6	11	Muck	Pole	SAMPLED			1	1						
7	44.339470	-89.171132	71	Round Lake	Waupaca	7/11/2016	EEH & CMB	7	3	Muck	Pole	SAMPLED			1	1						
14	44.338145	-89.170690	40	Round Lake	Waupaca	7/11/2016	EEH & CMB	14	3	Muck	Pole	SAMPLED			1	1						
15	44.338476	-89.170685	42	Round Lake	Waupaca	7/11/2016	EEH & CMB	15	16		Rope	SAMPLED			1	1						
16	44.338806	-89.170681	51	Round Lake	Waupaca	7/11/2016	EEH & CMB	16	19		Rope	SAMPLED			0							
17	44.339136	-89.170676	56	Round Lake	Waupaca	7/11/2016	EEH & CMB	17	16		Rope	SAMPLED			1	1						
18	44.339467	-89.170671	70	Round Lake	Waupaca	7/11/2016	EEH & CMB	18	20		Rope	SAMPLED			2	2						
19	44.339797	-89.170667	73	Round Lake	Waupaca	7/11/2016	EEH & CMB	19	2	Muck	Pole	SAMPLED			0							
29	44.337812	-89.170234	33	Round Lake	Waupaca	7/11/2016	EEH & CMB	29	2	Muck	Pole	SAMPLED			0							
30	44.338142	-89.170230	39	Round Lake	Waupaca	7/11/2016	EEH & CMB	30	15	Muck	Pole	SAMPLED			3	3						
31	44.338472	-89.170225	43	Round Lake	Waupaca	7/11/2016	EEH & CMB	31	16		Rope	SAMPLED			0							
32	44.338803	-89.170220	50	Round Lake	Waupaca	7/11/2016	EEH & CMB	32	17		Rope	SAMPLED			3	3						
33	44.339133	-89.170216	57	Round Lake	Waupaca	7/11/2016	EEH & CMB	33	17		Rope	SAMPLED			1	1						
34	44.339463	-89.170211	69	Round Lake	Waupaca	7/11/2016	EEH & CMB	34	10	Muck	Pole	SAMPLED			2	2						
35	44.339794	-89.170206	74	Round Lake	Waupaca	7/11/2016	EEH & CMB	35	3	Muck	Pole	SAMPLED			2	2						
36	44.340124	-89.170202	86	Round Lake	Waupaca	7/11/2016	EEH & CMB	36	3	Muck	Pole	SAMPLED			1	1						
37	44.340455	-89.170197	87	Round Lake	Waupaca	7/11/2016	EEH & CMB	37	2	Muck	Pole	SAMPLED			1	1						
45	44.337478	-89.169779	32	Round Lake	Waupaca	7/11/2016	EEH & CMB	45	1	Sand	Pole	SAMPLED			0							
46	44.337808	-89.169774	34	Round Lake	Waupaca	7/11/2016	EEH & CMB	46	7	Muck	Pole	SAMPLED			2	2						
47	44.338139	-89.169769	49	Round Lake	Waupaca	7/11/2016	EEH & CMB	47	16		Rope	SAMPLED			1	1						
48	44.338469	-89.169765	44	Round Lake	Waupaca	7/11/2016	EEH & CMB	48	12	Muck	Pole	SAMPLED			3	3						
49	44.338799	-89.169760	48	Round Lake	Waupaca	7/11/2016	EEH & CMB	49	15	Muck	Pole	SAMPLED			3	3						
50	44.339130	-89.169755	58	Round Lake	Waupaca	7/11/2016	EEH & CMB	50	13		Rope	SAMPLED			1	1						
51	44.339460	-89.169751	68	Round Lake	Waupaca	7/11/2016	EEH & CMB	51	6	Muck	Pole	SAMPLED			1	1						
52	44.339791	-89.169746	75	Round Lake	Waupaca	7/11/2016	EEH & CMB	52	4	Muck	Pole	SAMPLED			2	2						
53	44.340121	-89.169741	85	Round Lake	Waupaca	7/11/2016	EEH & CMB	53	6	Muck	Pole	SAMPLED			3	3						
54	44.340451	-89.169737	88	Round Lake	Waupaca	7/11/2016	EEH & CMB	54	3	Muck	Pole	SAMPLED			1	1						
55	44.340782	-89.169732	90	Round Lake	Waupaca	7/11/2016	EEH & CMB	55	0			DOCK										
60	44.337144	-89.169323	28	Round Lake	Waupaca	7/11/2016	EEH & CMB	60	3	Muck	Pole	SAMPLED			0							
61	44.337475	-89.169318	31	Round Lake	Waupaca	7/11/2016	EEH & CMB	61	6	Muck	Pole	SAMPLED			1	1						
62	44.337805	-89.169314	35	Round Lake	Waupaca	7/11/2016	EEH & CMB	62	29		Rope	SAMPLED			1	1						
63	44.338135	-89.169309	38	Round Lake	Waupaca	7/11/2016	EEH & CMB	63	23		Rope	SAMPLED			0							
64	44.338466	-89.169304	45	Round Lake	Waupaca	7/11/2016	EEH & CMB	64	19		Rope	SAMPLED			2	2						
65	44.338796	-89.169300	47	Round Lake	Waupaca	7/11/2016	EEH & CMB	65	22		Rope	SAMPLED			1	1						
66	44.339126	-89.169295	59	Round Lake	Waupaca	7/11/2016	EEH & CMB	66	18		Rope	SAMPLED			1	1						
67	44.339457	-89.169290	67	Round Lake	Waupaca	7/11/2016	EEH & CMB	67	12	Muck	Pole	SAMPLED			2	2						
68	44.339787	-89.169286	76	Round Lake	Waupaca	7/11/2016	EEH & CMB	68	5	Sand	Pole	SAMPLED			1	1						

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	Myriophyllum spicatum	Chara spp.	Myriophyllum sibiricum	Nitella spp.	Potamogeton richardsonii	Flamentous algae
69	44.340118	-89.169281	92	Round Lake	Waupaca	7/11/2016	EEH & CMB	69	8	Muck	Pole	SAMPLED			3	3					
70	44.340448	-89.169276	84	Round Lake	Waupaca	7/11/2016	EEH & CMB	70	4	Muck	Pole	SAMPLED			1	1					
71	44.340778	-89.169272	89	Round Lake	Waupaca	7/11/2016	EEH & CMB	71	3	Muck	Pole	SAMPLED			0						
76	44.336150	-89.168877	23	Round Lake	Waupaca	7/11/2016	EEH & CMB	76	2	Muck	Pole	SAMPLED			2	2					
77	44.336480	-89.168872	24	Round Lake	Waupaca	7/11/2016	EEH & CMB	77	5	Muck	Pole	SAMPLED			1	1					
78	44.336810	-89.168867	27	Round Lake	Waupaca	7/11/2016	EEH & CMB	78	22		Rope	SAMPLED			2	2					
79	44.337141	-89.168863	29	Round Lake	Waupaca	7/11/2016	EEH & CMB	79	34			DEEP									
80	44.337471	-89.168858	30	Round Lake	Waupaca	7/11/2016	EEH & CMB	80	0			DEEP									
81	44.337802	-89.168853	36	Round Lake	Waupaca	7/11/2016	EEH & CMB	81	0			DEEP									
82	44.338132	-89.168849	37	Round Lake	Waupaca	7/11/2016	EEH & CMB	82	0			DEEP									
83	44.338462	-89.168844	46	Round Lake	Waupaca	7/11/2016	EEH & CMB	83	33			DEEP									
84	44.338793	-89.168839	64	Round Lake	Waupaca	7/11/2016	EEH & CMB	84	0			DEEP									
85	44.339123	-89.168835	60	Round Lake	Waupaca	7/11/2016	EEH & CMB	85	26		Rope	SAMPLED			2	2					
86	44.339453	-89.168830	66	Round Lake	Waupaca	7/11/2016	EEH & CMB	86	13	Muck	Pole	SAMPLED			2	2					
87	44.339784	-89.168825	77	Round Lake	Waupaca	7/11/2016	EEH & CMB	87	17		Rope	SAMPLED			0						
88	44.340114	-89.168821	93	Round Lake	Waupaca	7/11/2016	EEH & CMB	88	10		Rope	SAMPLED			1	1					
89	44.340445	-89.168816	99	Round Lake	Waupaca	7/11/2016	EEH & CMB	89	9	Muck	Pole	SAMPLED			2	2					
90	44.340775	-89.168811	91	Round Lake	Waupaca	7/11/2016	EEH & CMB	90	4	Muck	Pole	SAMPLED			2	2					
96	44.335816	-89.168421	17	Round Lake	Waupaca	7/11/2016	EEH & CMB	96	3	Muck	Pole	SAMPLED			1	1					
97	44.336146	-89.168416	22	Round Lake	Waupaca	7/11/2016	EEH & CMB	97	17		Rope	SAMPLED			1			1			
98	44.336477	-89.168412	25	Round Lake	Waupaca	7/11/2016	EEH & CMB	98	0			DEEP									
99	44.336807	-89.168407	26	Round Lake	Waupaca	7/11/2016	EEH & CMB	99	0			DEEP									
100	44.337137	-89.168402	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	100	0			DEEP									
101	44.337468	-89.168398	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	101	0			DEEP									
102	44.337798	-89.168393	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	102	0			DEEP									
103	44.338129	-89.168388	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	103	0			DEEP									
104	44.338459	-89.168384	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	104	0			DEEP									
105	44.338789	-89.168379	95	Round Lake	Waupaca	7/11/2016	EEH & CMB	105	0			DEEP									
106	44.339120	-89.168374	61	Round Lake	Waupaca	7/11/2016	EEH & CMB	106	17		Rope	SAMPLED			0						
107	44.339450	-89.168370	65	Round Lake	Waupaca	7/11/2016	EEH & CMB	107	28		Rope	SAMPLED			2	2					
108	44.339780	-89.168365	82	Round Lake	Waupaca	7/11/2016	EEH & CMB	108	29		Rope	SAMPLED			1	1					
109	44.340111	-89.168360	97	Round Lake	Waupaca	7/11/2016	EEH & CMB	109	33			DEEP									
110	44.340441	-89.168356	98	Round Lake	Waupaca	7/11/2016	EEH & CMB	110	18		Rope	SAMPLED			1	1					
111	44.340772	-89.168351	100	Round Lake	Waupaca	7/11/2016	EEH & CMB	111	14	Muck	Pole	SAMPLED			0						
112	44.341102	-89.168346	102	Round Lake	Waupaca	7/11/2016	EEH & CMB	112	0			SHALLOW									
118	44.335482	-89.167965	16	Round Lake	Waupaca	7/11/2016	EEH & CMB	118	0			SHALLOW									
119	44.335813	-89.167961	18	Round Lake	Waupaca	7/11/2016	EEH & CMB	119	17		Rope	SAMPLED			1	1					
120	44.336143	-89.167956	21	Round Lake	Waupaca	7/11/2016	EEH & CMB	120	0			DEEP									
121	44.336473	-89.167951	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	121	0			DEEP									
122	44.336804	-89.167947	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	122	0			DEEP									
123	44.337134	-89.167942	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	123	0			DEEP									
124	44.337464	-89.167937	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	124	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	Myriophyllum spicatum	Chara spp.	Myriophyllum sibiricum	Nitella spp.	Potamogeton richardsonii	Flamentous algae		
125	44.337795	-89.167933	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	125	0			DEEP											
126	44.338125	-89.167928	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	126	0			DEEP											
127	44.338456	-89.167923	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	127	0			DEEP											
128	44.338786	-89.167919	94	Round Lake	Waupaca	7/11/2016	EEH & CMB	128	11		Rope	SAMPLED			1	1							
129	44.339116	-89.167914	78	Round Lake	Waupaca	7/11/2016	EEH & CMB	129	23		Rope	SAMPLED			2		2						
130	44.339447	-89.167909	62	Round Lake	Waupaca	7/11/2016	EEH & CMB	130	0			DEEP											
131	44.339777	-89.167905	81	Round Lake	Waupaca	7/11/2016	EEH & CMB	131	0			DEEP											
132	44.340108	-89.167900	83	Round Lake	Waupaca	7/11/2016	EEH & CMB	132	0			DEEP											
133	44.340438	-89.167895	104	Round Lake	Waupaca	7/11/2016	EEH & CMB	133	0			DEEP											
134	44.340768	-89.167891	103	Round Lake	Waupaca	7/11/2016	EEH & CMB	134	18		Rope	SAMPLED			0								
135	44.341099	-89.167886	101	Round Lake	Waupaca	7/11/2016	EEH & CMB	135	3	Muck	Pole	SAMPLED			2		2						
140	44.334818	-89.167514	3	Round Lake	Waupaca	7/11/2016	EEH & CMB	140	1	Rock	Pole	SAMPLED			0								
141	44.335148	-89.167510	8	Round Lake	Waupaca	7/11/2016	EEH & CMB	141	2	Rock	Pole	SAMPLED			0								
142	44.335479	-89.167505	15	Round Lake	Waupaca	7/11/2016	EEH & CMB	142	4	Muck	Pole	SAMPLED			2		2						
143	44.335809	-89.167500	19	Round Lake	Waupaca	7/11/2016	EEH & CMB	143	0			DEEP											
144	44.336140	-89.167496	20	Round Lake	Waupaca	7/11/2016	EEH & CMB	144	0			DEEP											
145	44.336470	-89.167491	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	145	0			DEEP											
146	44.336800	-89.167486	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	146	0			DEEP											
147	44.337131	-89.167482	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	147	0			DEEP											
148	44.337461	-89.167477	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	148	0			DEEP											
149	44.337791	-89.167472	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	149	0			DEEP											
150	44.338122	-89.167468	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	150	0			DEEP											
151	44.338452	-89.167463	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	151	0			DEEP											
152	44.338783	-89.167458	96	Round Lake	Waupaca	7/11/2016	EEH & CMB	152	0			DEEP											
153	44.339113	-89.167454	79	Round Lake	Waupaca	7/11/2016	EEH & CMB	153	41			DEEP											
154	44.339443	-89.167449	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	154	0			DEEP											
155	44.339774	-89.167444	80	Round Lake	Waupaca	7/11/2016	EEH & CMB	155	0			DEEP											
156	44.340104	-89.167440	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	156	0			DEEP											
157	44.340435	-89.167435	105	Round Lake	Waupaca	7/11/2016	EEH & CMB	157	0			DEEP											
158	44.340765	-89.167430	106	Round Lake	Waupaca	7/11/2016	EEH & CMB	158	17		Rope	SAMPLED			1		1						
159	44.341095	-89.167426	107	Round Lake	Waupaca	7/11/2016	EEH & CMB	159	0			DOCK											
162	44.334484	-89.167059	2	Round Lake	Waupaca	7/11/2016	EEH & CMB	162	6	Muck	Pole	SAMPLED			1		1						
163	44.334815	-89.167054	4	Round Lake	Waupaca	7/11/2016	EEH & CMB	163	4	Muck	Pole	SAMPLED			1		1						
164	44.335145	-89.167049	9	Round Lake	Waupaca	7/11/2016	EEH & CMB	164	2	Muck	Pole	SAMPLED			2		2						
165	44.335475	-89.167045	14	Round Lake	Waupaca	7/11/2016	EEH & CMB	165	16		Rope	SAMPLED			2		2						
166	44.335806	-89.167040	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	166	0			DEEP											
167	44.336136	-89.167035	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	167	0			DEEP											
168	44.336467	-89.167031	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	168	0			DEEP											
169	44.336797	-89.167026	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	169	0			DEEP											
170	44.337127	-89.167021	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	170	0			DEEP											
171	44.337458	-89.167017	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	171	0			DEEP											
172	44.337788	-89.167012	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	172	0			DEEP											

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173	44.338119	-89.167007	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	173	0			DEEP										
174	44.338449	-89.167003	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	174	0			DEEP										
175	44.338779	-89.166998	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	175	0			DEEP										
176	44.339110	-89.166993	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	176	0			DEEP										
177	44.339440	-89.166989	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	177	0			DEEP										
178	44.339770	-89.166984	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	178	0			DEEP										
179	44.340101	-89.166979	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	179	0			DEEP										
180	44.340431	-89.166975	110	Round Lake	Waupaca	7/11/2016	EEH & CMB	180	0			DEEP										
181	44.340762	-89.166970	109	Round Lake	Waupaca	7/11/2016	EEH & CMB	181	18		Rope	SAMPLED			0							
182	44.341092	-89.166965	108	Round Lake	Waupaca	7/11/2016	EEH & CMB	182	2	Muck	Pole	SAMPLED			0							
183	44.334151	-89.166603	1	Round Lake	Waupaca	7/11/2016	EEH & CMB	183	3	Muck	Pole	SAMPLED			1	1						1
184	44.334481	-89.166598	5	Round Lake	Waupaca	7/11/2016	EEH & CMB	184	6	Muck	Pole	SAMPLED			1	1						
185	44.334811	-89.166594	7	Round Lake	Waupaca	7/11/2016	EEH & CMB	185	22		Rope	SAMPLED			0							
186	44.335142	-89.166589	13	Round Lake	Waupaca	7/11/2016	EEH & CMB	186	25		Rope	SAMPLED			1	1						
187	44.335472	-89.166584	184	Round Lake	Waupaca	7/11/2016	EEH & CMB	187	0			DEEP										
188	44.335802	-89.166580	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	188	0			DEEP										
189	44.336133	-89.166575	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	189	0			DEEP										
190	44.336463	-89.166570	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	190	0			DEEP										
191	44.336794	-89.166566	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	191	0			DEEP										
192	44.337124	-89.166561	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	192	0			DEEP										
193	44.337454	-89.166556	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	193	0			DEEP										
194	44.337785	-89.166552	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	194	0			DEEP										
195	44.338115	-89.166547	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	195	0			DEEP										
196	44.338446	-89.166542	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	196	0			DEEP										
197	44.338776	-89.166538	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	197	0			DEEP										
198	44.339106	-89.166533	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	198	0			DEEP										
199	44.339437	-89.166528	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	199	0			DEEP										
200	44.339767	-89.166524	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	200	0			DEEP										
201	44.340097	-89.166519	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	201	0			DEEP										
202	44.340428	-89.166514	111	Round Lake	Waupaca	7/11/2016	EEH & CMB	202	0			DEEP										
203	44.340758	-89.166510	112	Round Lake	Waupaca	7/11/2016	EEH & CMB	203	21		Rope	SAMPLED			2	2						
204	44.341089	-89.166505	113	Round Lake	Waupaca	7/11/2016	EEH & CMB	204	0			DOCK										
205	44.334478	-89.166138	6	Round Lake	Waupaca	7/11/2016	EEH & CMB	205	4	Muck	Pole	SAMPLED			1	1						
206	44.334808	-89.166133	10	Round Lake	Waupaca	7/11/2016	EEH & CMB	206	6	Muck	Pole	SAMPLED			1	1						
207	44.335138	-89.166129	182	Round Lake	Waupaca	7/11/2016	EEH & CMB	207	28		Rope	SAMPLED			1				1			
208	44.335469	-89.166124	183	Round Lake	Waupaca	7/11/2016	EEH & CMB	208	0			DEEP										
209	44.335799	-89.166119	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	209	0			DEEP										
210	44.336130	-89.166115	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	210	0			DEEP										
211	44.336460	-89.166110	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	211	0			DEEP										
212	44.336790	-89.166105	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	212	0			DEEP										
213	44.337121	-89.166101	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	213	0			DEEP										
214	44.337451	-89.166096	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	214	0			DEEP										



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215	44.337781	-89.166091	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	215	0			DEEP									
216	44.338112	-89.166087	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	216	0			DEEP									
217	44.338442	-89.166082	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	217	0			DEEP									
218	44.338773	-89.166077	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	218	0			DEEP									
219	44.339103	-89.166073	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	219	0			DEEP									
220	44.339433	-89.166068	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	220	0			DEEP									
221	44.339764	-89.166063	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	221	0			DEEP									
222	44.340094	-89.166059	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	222	0			DEEP									
223	44.340424	-89.166054	116	Round Lake	Waupaca	7/11/2016	EEH & CMB	223	0			DEEP									
224	44.340755	-89.166049	114	Round Lake	Waupaca	7/11/2016	EEH & CMB	224	24		Rope	SAMPLED			1	1	1				
225	44.341085	-89.166044	115	Round Lake	Waupaca	7/11/2016	EEH & CMB	225	0			DOCK									
226	44.334474	-89.165678	11	Round Lake	Waupaca	7/11/2016	EEH & CMB	226	1	Sand	Pole	SAMPLED			0						
227	44.334805	-89.165673	12	Round Lake	Waupaca	7/11/2016	EEH & CMB	227	5	Muck	Pole	SAMPLED			1	1					
228	44.335135	-89.165668	181	Round Lake	Waupaca	7/11/2016	EEH & CMB	228	17		Rope	SAMPLED			2	2					
229	44.335465	-89.165664	180	Round Lake	Waupaca	7/11/2016	EEH & CMB	229	0			DEEP									
230	44.335796	-89.165659	179	Round Lake	Waupaca	7/11/2016	EEH & CMB	230	0			DEEP									
231	44.336126	-89.165654	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	231	0			DEEP									
232	44.336457	-89.165650	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	232	0			DEEP									
233	44.336787	-89.165645	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	233	0			DEEP									
234	44.337117	-89.165640	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	234	0			DEEP									
235	44.337448	-89.165636	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	235	0			DEEP									
236	44.337778	-89.165631	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	236	0			DEEP									
237	44.338108	-89.165626	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	237	0			DEEP									
238	44.338439	-89.165622	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	238	0			DEEP									
239	44.338769	-89.165617	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	239	0			DEEP									
240	44.339100	-89.165612	129	Round Lake	Waupaca	7/11/2016	EEH & CMB	240	0			DEEP									
241	44.339430	-89.165608	128	Round Lake	Waupaca	7/11/2016	EEH & CMB	241	0			DEEP									
242	44.339760	-89.165603	123	Round Lake	Waupaca	7/11/2016	EEH & CMB	242	0			DEEP									
243	44.340091	-89.165598	122	Round Lake	Waupaca	7/11/2016	EEH & CMB	243	0			DEEP									
244	44.340421	-89.165593	117	Round Lake	Waupaca	7/11/2016	EEH & CMB	244	0			DEEP									
245	44.340751	-89.165589	118	Round Lake	Waupaca	7/11/2016	EEH & CMB	245	18		Rope	SAMPLED			1	1	1	1			
246	44.334801	-89.165213	175	Round Lake	Waupaca	7/11/2016	EEH & CMB	246	2	Sand	Pole	SAMPLED			0						
247	44.335132	-89.165208	176	Round Lake	Waupaca	7/11/2016	EEH & CMB	247	11		Rope	SAMPLED			1	1					
248	44.335462	-89.165203	177	Round Lake	Waupaca	7/11/2016	EEH & CMB	248	28		Rope	SAMPLED			0						
249	44.335792	-89.165199	178	Round Lake	Waupaca	7/11/2016	EEH & CMB	249	0			DEEP									
250	44.336123	-89.165194	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	250	0			DEEP									
251	44.336453	-89.165189	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	251	0			DEEP									
252	44.336784	-89.165185	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	252	0			DEEP									
253	44.337114	-89.165180	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	253	0			DEEP									
254	44.337444	-89.165175	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	254	0			DEEP									
255	44.337775	-89.165171	139	Round Lake	Waupaca	7/11/2016	EEH & CMB	255	0			DEEP									
256	44.338105	-89.165166	138	Round Lake	Waupaca	7/11/2016	EEH & CMB	256	0			DEEP									

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257	44.338435	-89.165161	134	Round Lake	Waupaca	7/11/2016	EEH & CMB	257	0			DEEP											
258	44.338766	-89.165157	133	Round Lake	Waupaca	7/11/2016	EEH & CMB	258	0			DEEP											
259	44.3390962	-89.1651519	130	Round Lake	Waupaca	7/11/2016	EEH & CMB	259	0			DEEP											
260	44.3394266	-89.1651472	127	Round Lake	Waupaca	7/11/2016	EEH & CMB	260	24		Rope	SAMPLED			0								
261	44.339757	-89.1651425	124	Round Lake	Waupaca	7/11/2016	EEH & CMB	261	20		Rope	SAMPLED			1	1					1		
262	44.3400874	-89.1651378	121	Round Lake	Waupaca	7/11/2016	EEH & CMB	262	21		Rope	SAMPLED			1	1							
263	44.3404177	-89.1651331	119	Round Lake	Waupaca	7/11/2016	EEH & CMB	263	7	Muck	Pole	SAMPLED			3	3							
264	44.3407481	-89.1651285	120	Round Lake	Waupaca	7/11/2016	EEH & CMB	264	0			SHALLOW											
265	44.3347979	-89.1647525	174	Round Lake	Waupaca	7/11/2016	EEH & CMB	265	0			DOCK											
266	44.3351283	-89.1647478	173	Round Lake	Waupaca	7/11/2016	EEH & CMB	266	5	Muck	Pole	SAMPLED			1	1							
267	44.3354587	-89.1647431	172	Round Lake	Waupaca	7/11/2016	EEH & CMB	267	0			DEEP											
268	44.335789	-89.1647385	171	Round Lake	Waupaca	7/11/2016	EEH & CMB	268	0			DEEP											
269	44.3361194	-89.1647338	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	269	0			DEEP											
270	44.3364498	-89.1647291	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	270	0			DEEP											
271	44.3367802	-89.1647244	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	271	0			DEEP											
272	44.3371106	-89.1647197	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	272	0			DEEP											
273	44.3374409	-89.164715	0	Round Lake	Waupaca	7/11/2016	EEH & CMB	273	0			DEEP											
274	44.3377713	-89.1647103	140	Round Lake	Waupaca	7/11/2016	EEH & CMB	274	0			DEEP											
275	44.3381017	-89.1647056	137	Round Lake	Waupaca	7/11/2016	EEH & CMB	275	21		Rope	SAMPLED			1	1							
276	44.3384321	-89.1647009	135	Round Lake	Waupaca	7/11/2016	EEH & CMB	276	5	Muck	Pole	SAMPLED			2	2							
277	44.3387625	-89.1646962	132	Round Lake	Waupaca	7/11/2016	EEH & CMB	277	5	Muck	Pole	SAMPLED			3	3							
278	44.3390929	-89.1646915	131	Round Lake	Waupaca	7/11/2016	EEH & CMB	278	4	Muck	Pole	SAMPLED			1	1							
279	44.3394232	-89.1646869	126	Round Lake	Waupaca	7/11/2016	EEH & CMB	279	3	Muck	Pole	SAMPLED			0								
280	44.3397536	-89.1646822	125	Round Lake	Waupaca	7/11/2016	EEH & CMB	280	0			DOCK											
281	44.3351249	-89.1642875	169	Round Lake	Waupaca	7/11/2016	EEH & CMB	281	8		Rope	SAMPLED			3	3							
282	44.3354553	-89.1642828	170	Round Lake	Waupaca	7/11/2016	EEH & CMB	282	0			DEEP											
283	44.3357857	-89.1642781	157	Round Lake	Waupaca	7/11/2016	EEH & CMB	283	0			DEEP											
284	44.3361161	-89.1642734	156	Round Lake	Waupaca	7/11/2016	EEH & CMB	284	0			DEEP											
285	44.3364464	-89.1642688	151	Round Lake	Waupaca	7/11/2016	EEH & CMB	285	0			DEEP											
286	44.3367768	-89.1642641	150	Round Lake	Waupaca	7/11/2016	EEH & CMB	286	0			DEEP											
287	44.3371072	-89.1642594	145	Round Lake	Waupaca	7/11/2016	EEH & CMB	287	0			DEEP											
288	44.3374376	-89.1642547	144	Round Lake	Waupaca	7/11/2016	EEH & CMB	288	0			DEEP											
289	44.337768	-89.16425	141	Round Lake	Waupaca	7/11/2016	EEH & CMB	289	10	Muck	Pole	SAMPLED			2	2							
290	44.3380983	-89.1642453	136	Round Lake	Waupaca	7/11/2016	EEH & CMB	290	2	Rock	Pole	SAMPLED			0								
291	44.3347912	-89.1638319	168	Round Lake	Waupaca	7/11/2016	EEH & CMB	291	0			SHALLOW											
292	44.3351215	-89.1638272	167	Round Lake	Waupaca	7/11/2016	EEH & CMB	292	6	Muck	Pole	SAMPLED			1	1							
293	44.3354519	-89.1638225	165	Round Lake	Waupaca	7/11/2016	EEH & CMB	293	19		Rope	SAMPLED			1	1							
294	44.3357823	-89.1638178	158	Round Lake	Waupaca	7/11/2016	EEH & CMB	294	29		Rope	SAMPLED			1						1		
295	44.3361127	-89.1638131	155	Round Lake	Waupaca	7/11/2016	EEH & CMB	295	24		Rope	SAMPLED			1						1		
296	44.3364431	-89.1638084	152	Round Lake	Waupaca	7/11/2016	EEH & CMB	296	16		Rope	SAMPLED			1	1							
297	44.3367735	-89.1638037	149	Round Lake	Waupaca	7/11/2016	EEH & CMB	297	29		Rope	SAMPLED			1						1		
298	44.3371038	-89.163799	146	Round Lake	Waupaca	7/11/2016	EEH & CMB	298	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	Myriophyllum spicatum	Chara spp.	Myriophyllum sibiricum	Nitella spp.	Potamogeton richardsonii	Filamentous algae
299	44.3374342	-89.1637943	143	Round Lake	Waupaca	7/11/2016	EEH & CMB	299	19		Rope	SAMPLED			1	1					
300	44.3377646	-89.1637896	142	Round Lake	Waupaca	7/11/2016	EEH & CMB	300	3	Sand	Pole	SAMPLED			1	1					
301	44.3347878	-89.1633716	166	Round Lake	Waupaca	7/11/2016	EEH & CMB	301	8	Muck	Pole	SAMPLED			2	2					
302	44.3351182	-89.1633669	162	Round Lake	Waupaca	7/11/2016	EEH & CMB	302	9	Muck	Pole	SAMPLED			3	3					
303	44.3354486	-89.1633622	164	Round Lake	Waupaca	7/11/2016	EEH & CMB	303	6	Sand	Pole	SAMPLED			1	1					
304	44.3357789	-89.1633575	159	Round Lake	Waupaca	7/11/2016	EEH & CMB	304	5	Muck	Pole	SAMPLED			2	2					
305	44.3361093	-89.1633528	154	Round Lake	Waupaca	7/11/2016	EEH & CMB	305	4	Muck	Pole	SAMPLED			1	1					
306	44.3364397	-89.1633481	153	Round Lake	Waupaca	7/11/2016	EEH & CMB	306	2	Rock	Pole	SAMPLED			1	1					
307	44.3367701	-89.1633434	148	Round Lake	Waupaca	7/11/2016	EEH & CMB	307	2	Muck	Pole	SAMPLED			1	1					
308	44.3371005	-89.1633387	147	Round Lake	Waupaca	7/11/2016	EEH & CMB	308	2	Muck	Pole	SAMPLED			0						
309	44.3351148	-89.1629066	163	Round Lake	Waupaca	7/11/2016	EEH & CMB	309	0			DOCK									
310	44.3354452	-89.1629019	161	Round Lake	Waupaca	7/11/2016	EEH & CMB	310	1	Sand	Pole	SAMPLED			0						
311	44.3357756	-89.1628972	160	Round Lake	Waupaca	7/11/2016	EEH & CMB	311	0			DOCK									



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	Myriophyllum spicatum	Chara spp.	Elodea canadensis	Heteranthera dubia	Najas flexilis	Stuckenia pectinata	Vallisneria americana
0	44.344563	-89.155550	9	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	0	6	Muck	Pole	SAMPLED			3	3						
1	44.344894	-89.155545	10	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	1	3	Muck	Pole	SAMPLED			1	1						
2	44.345225	-89.155541	11	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	2	0			DOCK										
3	44.344891	-89.155084	8	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	3	3	Muck	Pole	SAMPLED			3	3						
4	44.345222	-89.155079	12	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	4	11	Muck	Pole	SAMPLED			2	2						
5	44.345553	-89.155075	76	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	5	3	Muck	Pole	SAMPLED			3	3						
6	44.345884	-89.155070	73	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	6	12	Muck	Pole	SAMPLED			3	3						
7	44.346215	-89.155065	72	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	7	3	Muck	Pole	SAMPLED			1	1						
8	44.346546	-89.155060	69	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	8	8	Muck	Pole	SAMPLED			3	3	1	1	1			1
9	44.346877	-89.155055	68	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	9	0			DOCK										
10	44.347208	-89.155051	58	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	10	6	Muck	Pole	SAMPLED			2	2						
11	44.347539	-89.155046	57	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	11	3	Muck	Pole	SAMPLED			2	2						
12	44.347870	-89.155041	50	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	12	6	Muck	Pole	SAMPLED			2	2						
13	44.348201	-89.155036	48	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	13	3	Muck	Pole	SAMPLED			3	3						
14	44.348532	-89.155032	49	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	14	0			SHALLOW										
15	44.344887	-89.154623	7	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	15	0			SHALLOW										
16	44.345218	-89.154618	13	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	16	16		Rope	SAMPLED			1	1						
17	44.345549	-89.154613	75	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	17	32			DEEP										
18	44.345880	-89.154609	74	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	18	36			DEEP										
19	44.346211	-89.154604	71	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	19	36			DEEP										
20	44.346542	-89.154599	70	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	20	31			DEEP										
21	44.346873	-89.154594	67	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	21	21		Rope	SAMPLED			1	1						
22	44.347204	-89.154589	59	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	22	17		Rope	SAMPLED			1	1						
23	44.347535	-89.154585	56	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	23	23		Rope	SAMPLED			2	2						
24	44.347866	-89.154580	51	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	24	26		Rope	SAMPLED			0							
25	44.348197	-89.154575	46	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	25	11	Muck	Pole	SAMPLED			3	3					1	
26	44.348528	-89.154570	47	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	26	0			SHALLOW										
27	44.348859	-89.154566	81	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	27	0			SHALLOW										
28	44.344884	-89.154162	6	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	28	2	Muck	Pole	SAMPLED			2	2						
29	44.345215	-89.154157	14	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	29	25		Rope	SAMPLED			0							
30	44.345546	-89.154152	77	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	30	41			DEEP										
31	44.345877	-89.154147	0	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	31	0			DEEP										
32	44.346208	-89.154142	0	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	32	0			DEEP										
33	44.346539	-89.154138	0	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	33	0			DEEP										
34	44.346870	-89.154133	66	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	34	16		Rope	SAMPLED			1	1						
35	44.347201	-89.154128	60	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	35	18		Rope	SAMPLED			1	1						
36	44.347532	-89.154123	55	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	36	28		Rope	SAMPLED			0							
37	44.347863	-89.154119	52	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	37	28		Rope	SAMPLED			0							
38	44.348194	-89.154114	44	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	38	8	Muck	Pole	SAMPLED			3	2					2	
39	44.348525	-89.154109	45	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	39	0			SHALLOW										
40	44.344880	-89.153700	5	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	40	3	Muck	Pole	SAMPLED			2	2						
41	44.345211	-89.153696	15	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	41	25		Rope	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	Myriophyllum spicatum	Chara spp.	Elodea canadensis	Heteranthera dubia	Najas flexilis	Stuckenia pectinata	Vallisneria americana		
42	44.345542	-89.153691	78	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	42	45			DEEP												
43	44.345873	-89.153686	0	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	43	0			DEEP												
44	44.346204	-89.153681	0	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	44	0			DEEP												
45	44.346535	-89.153676	0	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	45	0			DEEP												
46	44.346866	-89.153672	65	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	46	3	Muck	Pole	SAMPLED			1	1								
47	44.347197	-89.153667	61	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	47	18		Rope	SAMPLED			1	1								
48	44.347528	-89.153662	54	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	48	29		Rope	SAMPLED			0									
49	44.347859	-89.153657	53	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	49	25		Rope	SAMPLED			1	1								
50	44.348190	-89.153653	42	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	50	11	Muck	Pole	SAMPLED			2	2								
51	44.348521	-89.153648	43	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	51	1	Muck	Pole	SAMPLED			1	1								
52	44.344546	-89.153244	3	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	52	0			SHALLOW												
53	44.344877	-89.153239	4	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	53	3	Muck	Pole	SAMPLED			1	1								
54	44.345208	-89.153234	16	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	54	16		Rope	SAMPLED			1	1								
55	44.345539	-89.153230	79	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	55	43			DEEP												
56	44.345870	-89.153225	0	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	56	0			DEEP												
57	44.346201	-89.153220	0	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	57	0			DEEP												
58	44.346532	-89.153215	0	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	58	0			DEEP												
59	44.346863	-89.153210	64	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	59	35			DEEP												
60	44.347194	-89.153206	62	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	60	31			DEEP												
61	44.347525	-89.153201	34	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	61	31			DEEP												
62	44.347856	-89.153196	35	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	62	26		Rope	SAMPLED			0									
63	44.348187	-89.153191	41	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	63	7	Muck	Pole	SAMPLED			2	2								
64	44.344874	-89.152778	2	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	64	7	Muck	Pole	SAMPLED			2	2								
65	44.345205	-89.152773	17	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	65	20		Rope	SAMPLED			1	1								
66	44.345536	-89.152768	20	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	66	32			DEEP												
67	44.345867	-89.152763	21	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	67	44			DEEP												
68	44.346198	-89.152759	0	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	68	0			DEEP												
69	44.346529	-89.152754	0	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	69	0			DEEP												
70	44.346860	-89.152749	63	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	70	40			DEEP												
71	44.347191	-89.152744	80	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	71	40			DEEP												
72	44.347522	-89.152740	33	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	72	29		Rope	SAMPLED			0									
73	44.347852	-89.152735	36	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	73	29		Rope	SAMPLED			0									
74	44.348183	-89.152730	39	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	74	16		Rope	SAMPLED			2	2								
75	44.348514	-89.152725	40	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	75	0			DOCK												
76	44.344870	-89.152317	1	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	76	4	Muck	Pole	SAMPLED			1	1								
77	44.345201	-89.152312	18	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	77	1	Sand	Pole	SAMPLED			0									
78	44.345532	-89.152307	19	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	78	4	Sand	Pole	SAMPLED			0									
79	44.345863	-89.152302	22	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	79	10	Muck	Pole	SAMPLED			3	3								
80	44.346194	-89.152297	24	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	80	31			DEEP												
81	44.346525	-89.152293	25	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	81	32			DEEP												
82	44.346856	-89.152288	28	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	82	32			DEEP												
83	44.347187	-89.152283	29	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	83	31			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	Myriophyllum spicatum	Chara spp.	Eriocaulon canadense	Heteranthera dubia	Najas flexilis	Stuckenia pectinata	Vallisneria spiralis	
84	44.347518	-89.152278	32	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	84	29		Rope	SAMPLED			0								
85	44.347849	-89.152274	37	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	85	29		Rope	SAMPLED			1	1							
86	44.348180	-89.152269	38	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	86	4	Muck	Pole	SAMPLED			2	2							
87	44.346191	-89.151836	23	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	87	3	Muck	Pole	SAMPLED			1	1							
88	44.346522	-89.151831	26	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	88	2	Muck	Pole	SAMPLED			2	2							
89	44.346853	-89.151827	27	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	89	4	Muck	Pole	SAMPLED			2	2							
90	44.347184	-89.151822	30	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	90	9	Muck	Pole	SAMPLED			3	3	1		1				
91	44.347515	-89.151817	31	Sunset Lake	Waupaca	7/13/2016	EEH & JMB	91	25		Rope	SAMPLED			1	1							





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	Chara spp.	Najas flexilis	Nitella spp.	Stuckenia pectinata
0	44.342532	-89.143868	5	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	0	3	Muck	Pole	SAMPLED			1	1	1		
1	44.342862	-89.143864	4	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	1	0			TERRESTRIAL							
2	44.342199	-89.143414	1	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	2	1	Muck	Pole	SAMPLED			3	3			
3	44.342529	-89.143409	6	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	3	4	Muck	Pole	SAMPLED			2	2			
4	44.342859	-89.143404	3	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	4	0			SHALLOW							
5	44.340547	-89.142978	30	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	5	0			NONNAVIGABLE (PLANTS)							
6	44.340876	-89.142973	29	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	6	4	Muck	Pole	SAMPLED			1	1			
7	44.341866	-89.142959	8	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	7	0			SHALLOW							
8	44.342196	-89.142954	7	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	8	1	Muck	Pole	SAMPLED			2	2			
9	44.342525	-89.142949	2	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	9	3	Muck	Pole	SAMPLED			3	3			
10	44.342855	-89.142944	124	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	10	4	Muck	Pole	SAMPLED			1	1			
11	44.340213	-89.142523	31	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	11	0			DOCK							
12	44.340543	-89.142519	32	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	12	27		Rope	SAMPLED			1			1	
13	44.340873	-89.142514	28	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	13	26		Rope	SAMPLED			1			1	
14	44.341203	-89.142509	27	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	14	0			SHALLOW							
15	44.341862	-89.142499	10	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	15	0			SHALLOW							
16	44.342192	-89.142495	9	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	16	4	Muck	Pole	SAMPLED			1	1	1		
17	44.342522	-89.142490	121	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	17	4	Muck	Pole	SAMPLED			3	3			
18	44.342852	-89.142485	122	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	18	0			NONNAVIGABLE (PLANTS)							
19	44.340210	-89.142064	35	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	19	6	Muck	Pole	SAMPLED			3	3			
20	44.340540	-89.142059	34	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	20	43			DEEP							
21	44.340870	-89.142054	33	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	21	45			DEEP							
22	44.341199	-89.142049	26	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	22	8	Muck	Pole	SAMPLED			2	2			
23	44.341529	-89.142045	19	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	23	0			SHALLOW							
24	44.341859	-89.142040	18	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	24	1	Muck	Pole	SAMPLED			2	1	1		
25	44.342189	-89.142035	11	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	25	4	Muck	Pole	SAMPLED			2	2			
26	44.342518	-89.142030	118	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	26	17		Rope	SAMPLED			3	3			
27	44.342848	-89.142025	120	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	27	0			SHALLOW							
28	44.340207	-89.141604	36	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	28	6	Muck	Pole	SAMPLED			2	2			
29	44.340536	-89.141600	37	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	29	32			DEEP							
30	44.340866	-89.141595	0	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	30	0			DEEP							
31	44.341196	-89.141590	25	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	31	29		Rope	SAMPLED			0				
32	44.341526	-89.141585	20	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	32	3	Muck	Pole	SAMPLED			1	1	1		
33	44.341855	-89.141580	17	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	33	3	Muck	Pole	SAMPLED			2	2			
34	44.342185	-89.141575	12	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	34	4	Muck	Pole	SAMPLED			2	2	1		
35	44.342515	-89.141571	117	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	35	18		Rope	SAMPLED			1	1			
36	44.342845	-89.141566	115	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	36	3	Muck	Pole	SAMPLED			1	1			
37	44.343175	-89.141561	125	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	37	0			TERRESTRIAL							
38	44.340203	-89.141145	39	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	38	2	Muck	Pole	SAMPLED			1	1			
39	44.340533	-89.141140	38	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	39	27		Rope	SAMPLED	fisherman		2	2			
40	44.340863	-89.141135	44	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	40	33			DEEP							
41	44.341192	-89.141130	24	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	41	37			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	Chara spp.	Najas flexilis	Nitella spp.	Stuckenia pectinata
42	44.341522	-89.141126	21	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	42	29		Rope	SAMPLED			0				
43	44.341852	-89.141121	16	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	43	20		Rope	SAMPLED			2	2			
44	44.342182	-89.141116	13	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	44	26		Rope	SAMPLED			0				
45	44.342512	-89.141111	113	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	45	20		Rope	SAMPLED			1	1			
46	44.342841	-89.141106	114	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	46	0			SHALLOW							
47	44.343171	-89.141101	116	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	47	0			SHALLOW							
48	44.343501	-89.141097	123	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	48	0			TERRESTRIAL							
49	44.340200	-89.140685	40	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	49	2	Muck	Pole	SAMPLED			2	2			
50	44.340529	-89.140680	42	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	50	4	Muck	Pole	SAMPLED			1	1			1
51	44.340859	-89.140676	43	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	51	25		Rope	SAMPLED			0				
52	44.341189	-89.140671	23	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	52	37			DEEP							
53	44.341519	-89.140666	22	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	53	42			DEEP							
54	44.341849	-89.140661	15	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	54	36			DEEP							
55	44.342178	-89.140656	14	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	55	35			DEEP							
56	44.342508	-89.140652	112	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	56	31			DEEP							
57	44.342838	-89.140647	111	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	57	21		Rope	SAMPLED			1				1
58	44.343168	-89.140642	110	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	58	3	Muck	Pole	SAMPLED			1	1	1		
59	44.343497	-89.140637	119	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	59	0			SHALLOW							
60	44.340196	-89.140226	41	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	60	0			SHALLOW							
61	44.340526	-89.140221	47	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	61	2	Muck	Pole	SAMPLED			1	1	1		
62	44.340856	-89.140216	46	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	62	9	Muck	Pole	SAMPLED			2	2			
63	44.341185	-89.140211	45	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	63	31			DEEP							
64	44.341515	-89.140207	63	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	64	43			DEEP							
65	44.341845	-89.140202	0	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	65	0			DEEP							
66	44.342175	-89.140197	0	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	66	0			DEEP							
67	44.342505	-89.140192	0	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	67	0			DEEP							
68	44.342834	-89.140187	104	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	68	43			DEEP							
69	44.343164	-89.140182	105	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	69	13	Muck	Pole	SAMPLED			3	3			
70	44.343494	-89.140178	107	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	70	0			SHALLOW							
71	44.343824	-89.140173	109	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	71	0			SHALLOW							
72	44.340522	-89.139761	48	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	72	0			SHALLOW							
73	44.340852	-89.139757	49	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	73	5	Muck	Pole	SAMPLED			3	3			
74	44.341182	-89.139752	62	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	74	27		Rope	SAMPLED			0				
75	44.341512	-89.139747	64	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	75	25		Rope	SAMPLED			1	1			
76	44.341842	-89.139742	74	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	76	31			DEEP							
77	44.342171	-89.139737	75	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	77	37			DEEP							
78	44.342501	-89.139733	88	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	78	44			DEEP							
79	44.342831	-89.139728	89	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	79	31			DEEP							
80	44.343161	-89.139723	102	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	80	17		Rope	SAMPLED			1	1			
81	44.343491	-89.139718	99	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	81	3	Muck	Pole	SAMPLED			1	1	1		
82	44.343820	-89.139713	108	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	82	0			SHALLOW							
83	44.340849	-89.139297	50	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	83	4	Muck	Pole	SAMPLED			2	2			

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	Chara spp.	Najas flexilis	Nitella spp.	Stuckenia pectinata
84	44.341179	-89.139292	61	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	84	23		Rope	SAMPLED			1	1			
85	44.341508	-89.139287	65	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	85	14	Muck	Pole	SAMPLED			2	2			
86	44.341838	-89.139283	73	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	86	17		Rope	SAMPLED			1	1			
87	44.342168	-89.139278	76	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	87	27		Rope	SAMPLED			1	1			
88	44.342498	-89.139273	87	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	88	21		Rope	SAMPLED			0				
89	44.342827	-89.139268	90	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	89	3	Muck	Pole	SAMPLED			1	1			
90	44.343157	-89.139263	94	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	90	2	Muck	Pole	SAMPLED			2	2	1		
91	44.343487	-89.139258	100	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	91	0			SHALLOW							
92	44.343817	-89.139254	106	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	92	0			SHALLOW							
93	44.340845	-89.138838	51	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	93	0			DOCK							
94	44.341175	-89.138833	60	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	94	17		Rope	SAMPLED			2	2			
95	44.341505	-89.138828	66	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	95	7	Muck	Pole	SAMPLED			3	3			1
96	44.341835	-89.138823	72	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	96	3	Muck	Pole	SAMPLED			2	2			
97	44.342164	-89.138818	77	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	97	3	Muck	Pole	SAMPLED			2	2			
98	44.342494	-89.138813	86	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	98	3	Muck	Pole	SAMPLED			1	1			
99	44.342824	-89.138809	91	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	99	2	Muck	Pole	SAMPLED			1	1	1		
100	44.343154	-89.138804	93	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	100	0			DOCK							
101	44.343484	-89.138799	101	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	101	0			SHALLOW							
102	44.340842	-89.138378	52	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	102	0			SHALLOW							
103	44.341172	-89.138373	59	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	103	5	Muck	Pole	SAMPLED			2	2			
104	44.341501	-89.138368	67	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	104	13	Muck	Pole	SAMPLED			1	1			
105	44.341831	-89.138364	71	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	105	3	Muck	Pole	SAMPLED			2	2			
106	44.342161	-89.138359	78	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	106	2	Sand	Pole	SAMPLED			1	1			
107	44.342491	-89.138354	82	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	107	2	Muck	Pole	SAMPLED			1	1			
108	44.342821	-89.138349	92	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	108	0			SHALLOW							
109	44.343150	-89.138344	97	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	109	0			SHALLOW							
110	44.343480	-89.138339	103	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	110	0			SHALLOW							
111	44.340838	-89.137919	53	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	111	0			SHALLOW							
112	44.341168	-89.137914	54	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	112	3	Muck	Pole	SAMPLED			3	3			
113	44.341498	-89.137909	58	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	113	11	Muck	Pole	SAMPLED			3	3			
114	44.341828	-89.137904	70	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	114	2	Muck	Pole	SAMPLED			2	2			
115	44.342158	-89.137899	79	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	115	0			SHALLOW							
116	44.342487	-89.137894	83	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	116	0			SHALLOW							
117	44.342817	-89.137890	95	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	117	0			SHALLOW							
118	44.343147	-89.137885	98	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	118	0			SHALLOW							
119	44.341165	-89.137454	55	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	119	0			SHALLOW							
120	44.341494	-89.137449	56	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	120	5	Muck	Pole	SAMPLED			3	3			2
121	44.341824	-89.137444	68	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	121	5	Muck	Pole	SAMPLED			3	3			
122	44.342154	-89.137440	80	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	122	0			SHALLOW							
123	44.342484	-89.137435	84	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	123	0			SHALLOW							
124	44.342814	-89.137430	96	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	124	0			SHALLOW							
125	44.341491	-89.136990	57	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	125	0			SHALLOW							

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	Chara spp.	Najas flexilis	Nitella spp.	Stuckenia pectinata
126	44.341821	-89.136985	69	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	126	0			DOCK							
127	44.342151	-89.136980	81	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	127	0			SHALLOW							
128	44.342480	-89.136975	85	Taylor Lake	Waupaca	7/13/2016	EEH & JMB	128	0			SHALLOW							

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	Myriophyllum spicatum	Potamogeton crispus	Ceratophyllum demersum	Chara spp.	Elodea canadensis	Myriophyllum sibiricum	Nymphaea odorata	Potamogeton gramineus	Stuckenia pectinata	Utricularia vulgaris
0	44.332970	-89.183746	7	Youngs Lake	Waupaca	7/8/2016	JLW & JMB	0	0			NONNAVIGABLE (PLANTS)	shallow												
1	44.332682	-89.183352	12	Youngs Lake	Waupaca	7/8/2016	JLW & JMB	1	4	Muck	Pole	SAMPLED			3				3					1	1
2	44.332968	-89.183348	6	Youngs Lake	Waupaca	7/8/2016	JLW & JMB	2	12	Muck	Pole	SAMPLED			0										
3	44.333253	-89.183344	5	Youngs Lake	Waupaca	7/8/2016	JLW & JMB	3	6	Muck	Pole	SAMPLED			3				3		1				
4	44.332679	-89.182953	11	Youngs Lake	Waupaca	7/8/2016	JLW & JMB	4	4	Muck	Pole	SAMPLED			3				3		1				
5	44.332965	-89.182950	8	Youngs Lake	Waupaca	7/8/2016	JLW & JMB	5	10	Muck	Pole	SAMPLED			0		V								
6	44.333251	-89.182946	4	Youngs Lake	Waupaca	7/8/2016	JLW & JMB	6	12	Muck	Pole	SAMPLED			1			1	1						
7	44.333536	-89.182942	1	Youngs Lake	Waupaca	7/8/2016	JLW & JMB	7	2	Muck	Pole	SAMPLED			1			1	1						
8	44.332676	-89.182555	10	Youngs Lake	Waupaca	7/8/2016	JLW & JMB	8	2	Muck	Pole	SAMPLED			1	1			1	1	1	1			1
9	44.332962	-89.182551	9	Youngs Lake	Waupaca	7/8/2016	JLW & JMB	9	8	Muck	Pole	SAMPLED			3	V			3						1
10	44.333248	-89.182547	3	Youngs Lake	Waupaca	7/8/2016	JLW & JMB	10	6	Muck	Pole	SAMPLED			3	V			3		1				
11	44.333533	-89.182543	2	Youngs Lake	Waupaca	7/8/2016	JLW & JMB	11	0			NONNAVIGABLE (PLANTS)	shallow												