

*Plant abundance is on scale of 1 – 5: 1 = present but rare (1 plant), 2 = occasional (a few plants), 3 = common (more than a few plants), 4 = abundant, 5 = extremely abundant or dominant										**Follow this link to convert decimal degrees to degrees minutes seconds <a href="http://www.fcc.gov/mb/audio/bickel/DDMMSS-decimal.html">http://www.fcc.gov/mb/audio/bickel/DDMMSS-decimal.html</a>						
Surveyor	Depth (m)	Substrate	Weather	Wind Direction	Transect Number	Points	Meters from Shore	Notes	<i>Elodea nuttallii</i>	<i>Myriophyllum spicatum</i>	<i>Nuphar variegata</i>	<i>Sagittaria sp.</i>	GPS Date	Latitude	Longitude	
Greg Bugbee	0.20	Sand	sunny	North	1	1	0.5		0	0	0	0	6/10/2010	41.41425	-73.34033	
Greg Bugbee	0.80	Gravel	partially sunny	North	1	2	5.0		0	3	0	0	6/10/2010	41.41423	-73.34028	
Greg Bugbee	0.80	Sand	sunny	North	1	4	20.0		0	2	0	0	6/10/2010	41.41422	-73.34009	
Greg Bugbee	0.90	Muck	partially sunny	North	1	3	10.0		2	2	0	0	6/10/2010	41.41419	-73.34026	
Greg Bugbee	1.70	Sand	sunny	North	1	5	30.0		0	2	0	0	6/10/2010	41.41427	-73.34005	
Greg Bugbee	1.20	Muck	sunny	North	1	6	40.0		0	0	0	0	6/10/2010	41.41412	-73.33991	
Greg Bugbee	2.00	Gravel	sunny	North	1	7	50.0		0	0	0	0	6/10/2010	41.41406	-73.33976	
Greg Bugbee	3.30	Muck	sunny	North	1	8	60.0		0	1	0	0	6/10/2010	41.41403	-73.33972	
Greg Bugbee	4.60	Muck	partially sunny	North	1	9	70.0		0	0	0	0	6/10/2010	41.41400	-73.33961	
Greg Bugbee	6.00	Sand	sunny	North	1	10	80.0		0	0	0	0	6/10/2010	41.41389	-73.33951	
Greg Bugbee	0.20	Sand	partially sunny	North	2	1	0.5		0	1	0	0	6/10/2010	41.41521	-73.33962	
Greg Bugbee	0.20	Sand	partially sunny	North	2	2	5.0		1	1	0	0	6/10/2010	41.41518	-73.33959	
Greg Bugbee	1.00	Muck	sunny	North	2	3	10.0		0	2	0	0	6/10/2010	41.41515	-73.33953	
Greg Bugbee	1.30	Muck	sunny	North	2	4	20.0		5	0	0	0	6/10/2010	41.41517	-73.33940	
Greg Bugbee	1.40	Muck	sunny	North	2	5	30.0		3	5	0	0	6/10/2010	41.41510	-73.33928	
Greg Bugbee	1.50	Gravel	sunny	North	2	6	40.0		2	4	0	0	6/10/2010	41.41505	-73.33923	
Greg Bugbee	3.00	Muck	sunny	North	2	7	50.0		0	1	0	0	6/10/2010	41.41491	-73.33918	
Greg Bugbee	3.40	Muck	sunny	North	2	8	60.0		0	0	0	0	6/10/2010	41.41485	-73.33906	
Greg Bugbee	3.30	Muck	sunny	North	2	9	70.0		1	0	0	0	6/10/2010	41.41485	-73.33894	
Greg Bugbee	3.70	Muck	sunny	North	2	10	80.0		0	0	0	0	6/10/2010	41.41480	-73.33887	
Greg Bugbee	0.00	Rock	Cloudy		3	1	0.0		0	0	0	0	6/14/2010	41.41502	-73.33674	
Greg Bugbee	1.00	Sand	Cloudy	North	3	2	5.0		0	1	0	0	6/14/2010	41.41493	-73.33675	
Greg Bugbee	1.50	Muck	Cloudy	North	3	3	0.0		2	3	0	0	6/14/2010	41.41488	-73.33684	
Greg Bugbee	2.00	Muck	Cloudy		3	4	20.0		2	1	0	0	6/14/2010	41.41485	-73.33686	
Greg Bugbee	3.00	Muck	Cloudy		3	5	30.0		0	0	0	0	6/14/2010	41.41481	-73.33700	
Greg Bugbee	0.50	Gravel	Cloudy		4	1	0.0		0	0	0	0	6/14/2010	41.41434	-73.33539	
Greg Bugbee	1.50	Muck	Cloudy		4	2	5.0		2	0	0	0	6/14/2010	41.41437	-73.33542	
Greg Bugbee	3.00	Muck	Cloudy		4	3	10.0		1	1	0	0	6/14/2010	41.41429	-73.33539	
Greg Bugbee	3.50	Muck	Cloudy		4	4	20.0		0	0	0	0	6/14/2010	41.41420	-73.33546	
Greg Bugbee	4.50	Muck	Cloudy		4	5	30.0		0	0	0	0	6/14/2010	41.41411	-73.33558	
Greg Bugbee	5.00	Muck	Cloudy		4	6	40.0		0	0	0	0	6/14/2010	41.41403	-73.33555	
Greg Bugbee	0.50	Muck	Cloudy	East	5	1	0.0		0	0	0	1	6/14/2010	41.41222	-73.33072	
Greg Bugbee	0.50	Muck	Cloudy		5	2	5.0		0	0	0	0	6/14/2010	41.41214	-73.33075	
Greg Bugbee	0.50	Muck	Cloudy		5	3	10.0		2	0	0	0	6/14/2010	41.41214	-73.33077	
Greg Bugbee	0.50	Gravel	Cloudy		5	4	20.0		1	5	0	0	6/14/2010	41.41204	-73.33080	
Greg Bugbee	1.00	Muck	Cloudy		5	5	30.0		3	4	0	0	6/14/2010	41.41196	-73.33090	
Greg Bugbee	1.00	Muck	Cloudy		5	6	40.0		2	2	0	0	6/14/2010	41.41188	-73.33096	
Greg Bugbee	1.50	Muck	Cloudy		5	7	50.0		0	0	0	0	6/14/2010	41.41179	-73.33098	
Greg Bugbee	3.00	Muck	Cloudy		5	8	60.0		0	0	0	0	6/14/2010	41.41174	-73.33108	
Greg Bugbee	4.00	Muck	Cloudy		5	9	70.0		0	0	0	0	6/14/2010	41.41169	-73.33116	
Greg Bugbee	4.50	Muck	Cloudy		5	10	80.0		0	0	0	0	6/14/2010	41.41156	-73.33115	
Greg Bugbee	0.20	Muck	Cloudy		6	1	0.0		0	1	3	0	6/14/2010	41.40989	-73.32848	



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Surveyor	Depth (m)	Substrate	Weather	Wind Direction	Transect Number	Points	Meters from Shore		Notes	<i>Elodea nuttallii</i>	<i>Myriophyllum spicatum</i>	<i>Nuphar variegata</i>	<i>Sagittaria sp.</i>	GPS Date	Latitude	Longitude
Greg Bugbee	0.20	Muck	Cloudy		6	2	5.0	algae		1	2	0	0	6/14/2010	41.40985	-73.32850
Greg Bugbee	1.00	Gravel	Cloudy		6	3	10.0	algae		0	5	0	0	6/14/2010	41.40979	-73.32848
Greg Bugbee	1.20	Muck	Cloudy	North	6	4	20.0			0	5	0	0	6/14/2010	41.40971	-73.32854
Greg Bugbee	3.00	Muck	Cloudy	North	6	5	30.0			0	0	0	0	6/14/2010	41.40960	-73.32850
Greg Bugbee	0.30	Muck	rain	East	7	1	0.5	filamentous algae		1	2	0	0	6/9/2010	41.40839	-73.32739
Greg Bugbee	0.40	Muck	rain	East	7	2	5.0			0	1	0	0	6/9/2010	41.40838	-73.32744
Greg Bugbee	0.60	Muck	rain	East	7	3	10.0	filamentous algae		0	0	0	0	6/9/2010	41.40842	-73.32746
Greg Bugbee	1.00	Muck	Light rain	East	7	4	20.0			0	0	0	0	6/9/2010	41.40843	-73.32765
Greg Bugbee	1.50	Muck	rain	East	7	5	30.0			1	1	0	0	6/9/2010	41.40849	-73.32778
Greg Bugbee	1.80	Muck	Light rain	East	7	6	40.0			0	0	0	0	6/9/2010	41.40848	-73.32790
Greg Bugbee	2.00	Muck	Light rain	East	7	7	50.0			0	1	0	0	6/9/2010	41.40853	-73.32801
Greg Bugbee	2.20	Muck	Light rain	East	7	8	60.0			0	0	0	0	6/9/2010	41.40854	-73.32811
Greg Bugbee	2.50	Muck	Light rain	East	7	9	70.0			0	0	0	0	6/9/2010	41.40863	-73.32823
Greg Bugbee	2.00	Muck	Light rain	East	7	10	80.0	filamentous algae		1	3	0	0	6/9/2010	41.40860	-73.32832
Greg Bugbee	0.20	Gravel	Light rain	East	8	1	0.5			0	0	0	0	6/9/2010	41.40716	-73.32867
Greg Bugbee	0.50	Sand	rain	East	8	2	5.0	filamentous algae		0	2	0	0	6/9/2010	41.40722	-73.32866
Greg Bugbee	1.00	Gravel	Light rain	East	8	3	10.0	Algae		0	0	0	0	6/9/2010	41.40730	-73.32870
Greg Bugbee	1.50	Muck	Light rain	East	8	4	20.0			0	3	0	0	6/9/2010	41.40739	-73.32870
Greg Bugbee	1.80	Sand	Light rain	East	8	5	30.0			0	5	0	0	6/9/2010	41.40749	-73.32874
Greg Bugbee	1.80	Sand	Light rain	East	8	6	40.0	Algae		0	5	0	0	6/9/2010	41.40759	-73.32874
Greg Bugbee	2.00	Sand	Light rain	East	8	7	50.0			0	4	0	0	6/9/2010	41.40767	-73.32877
Greg Bugbee	2.00	Muck	Light rain	East	8	8	60.0			0	5	0	0	6/9/2010	41.40776	-73.32876
Greg Bugbee	2.00	Sand	Light rain	East	8	9	70.0			0	5	0	0	6/9/2010	41.40784	-73.32886
Greg Bugbee	2.00	Sand	Light rain	East	8	10	80.0			0	4	0	0	6/9/2010	41.40788	-73.32888
Greg Bugbee	0.20	Gravel	Light rain	East	9	1	0.5			0	0	0	0	6/9/2010	41.40911	-73.33315
Greg Bugbee	2.00	Gravel	Light rain	East	9	2	5.0			0	0	0	0	6/9/2010	41.40915	-73.33311
Greg Bugbee	4.00	Muck	Light rain	East	9	3	10.0			0	0	0	0	6/9/2010	41.40920	-73.33309
Greg Bugbee	0.50	Gravel	partially sunny	East	10	1	0.5			1	0	0	0	6/10/2010	41.40957	-73.33433
Greg Bugbee	3.00	Gravel	Cloudy	East	10	2	5.0			0	0	0	0	6/10/2010	41.40962	-73.33432
Greg Bugbee	3.20	Gravel	Cloudy	East	10	3	10.0			0	0	0	0	6/10/2010	41.40965	-73.33437
Greg Bugbee	0.50	Rock	Cloudy	East	11	2	5.0	algae		0	1	0	0	6/10/2010	41.41030	-73.33661
Greg Bugbee	0.50	Rock	Cloudy	East	11	3	10.0			2	0	0	0	6/10/2010	41.41034	-73.33669
Greg Bugbee	6.50	Sand	Cloudy	East	11	4	20.0			0	0	0	0	6/10/2010	41.41044	-73.33651
Greg Bugbee	0.30	Muck	Cloudy		12	1	0.5			1	1	0	0	6/14/2010	41.40985	-73.33852
Greg Bugbee	0.80	Muck	Cloudy	North	12	2	5.0			3	0	0	0	6/14/2010	41.40985	-73.33858
Greg Bugbee	1.00	Sand	Cloudy	North	12	3	10.0			5	1	0	0	6/14/2010	41.40987	-73.33853
Greg Bugbee	1.00	Muck	Cloudy	North	12	4	20.0			2	1	0	0	6/14/2010	41.40998	-73.33850
Greg Bugbee	3.50	Muck	Cloudy	North	12	5	30.0			0	0	0	0	6/14/2010	41.41004	-73.33844
Greg Bugbee	4.50	Muck	Cloudy	North	12	6	40.0			0	0	0	0	6/14/2010	41.41014	-73.33853
Greg Bugbee	5.00	Muck	Cloudy	North	12	7	50.0			0	0	0	0	6/14/2010	41.41016	-73.33827
Greg Bugbee	0.10	Muck	Cloudy		13	1	0.5			2	1	0	0	6/14/2010	41.40997	-73.34019
Greg Bugbee	0.30	Muck	Cloudy		13	2	5.0			4	0	0	0	6/14/2010	41.40998	-73.34020



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Surveyor	Depth (m)	Substrate	Weather	Wind Direction	Transect Number	Points	Meters from Shore	Notes	<i>Elodea nuttallii</i>	<i>Myriophyllum spicatum</i>	<i>Nuphar variegata</i>	<i>Sagittaria sp.</i>	GPS Date	Latitude	Longitude
Greg Bugbee	0.50	Muck	Cloudy	North	13	3	10.0		4	1	0	0	6/14/2010	41.41011	-73.34028
Greg Bugbee	2.50	Muck	Cloudy		13	4	20.0		5	0	0	0	6/14/2010	41.41023	-73.34018
Greg Bugbee	1.50	Muck	Cloudy		13	5	30.0		2	3	0	0	6/14/2010	41.41031	-73.34016
Greg Bugbee	2.50	Muck	Cloudy	North	13	6	40.0		0	0	0	0	6/14/2010	41.41041	-73.33999
Greg Bugbee	3.00	Muck	Cloudy		13	7	50.0		0	0	0	0	6/14/2010	41.41043	-73.33991
Greg Bugbee	3.50	Muck	Cloudy		13	8	60.0		0	0	0	0	6/14/2010	41.41050	-73.33978
Greg Bugbee	4.00	Muck	Cloudy	North	13	9	70.0		0	0	0	0	6/14/2010	41.41058	-73.33973
Greg Bugbee	6.00	Muck	Cloudy		13	10	80.0		0	0	0	0	6/14/2010	41.41068	-73.33967
Greg Bugbee	0.30	Muck	Cloudy	North	14	1	0.5		3	2	0	0	6/14/2010	41.41144	-73.34016
Greg Bugbee	1.00	Gravel	Cloudy		14	2	5.0		4	1	0	0	6/14/2010	41.41140	-73.34014
Greg Bugbee	1.30	Gravel	Cloudy		14	3	10.0		3	1	0	0	6/14/2010	41.41139	-73.34006
Greg Bugbee	2.50	Gravel	Cloudy	North	14	4	20.0		0	0	0	0	6/14/2010	41.41128	-73.34002
Greg Bugbee	4.00	Muck	Cloudy	North	14	5	30.0		0	0	0	0	6/14/2010	41.41125	-73.33983
Greg Bugbee	6.00	Muck	Cloudy		14	6	40.0		0	0	0	0	6/14/2010	41.41111	-73.33985
Greg Bugbee	7.00	Muck	Cloudy		14	7	50.0		0	0	0	0	6/14/2010	41.41110	-73.33979
Greg Bugbee	7.00	Muck	Cloudy		14	8	60.0		0	0	0	0	6/14/2010	41.41105	-73.33962
Greg Bugbee	7.00	Muck	Cloudy		14	9	70.0		0	0	0	0	6/14/2010	41.41096	-73.33956
Greg Bugbee	7.00	Muck	Cloudy		14	10	80.0		0	0	0	0	6/14/2010	41.41090	-73.33951
Greg Bugbee	0.20	Rock	Cloudy	East	15	1	0.5		0	0	0	0	6/10/2010	41.41231	-73.33884
Greg Bugbee	1.30	Gravel	Cloudy	East	15	2	5.0		2	1	0	0	6/10/2010	41.41233	-73.33876
Greg Bugbee	0.90	Sand	Cloudy	East	15	3	10.0	can see Myriophyllum spicatum	3	0	0	0	6/10/2010	41.41231	-73.33872
Greg Bugbee	1.90	Gravel	Cloudy	North	15	4	20.0		1	0	0	0	6/10/2010	41.41231	-73.33861
Greg Bugbee	0.30	Gravel	partially sunny	North	16	1	0.5	can see Elodea nuttallii	0	1	0	0	6/10/2010	41.41300	-73.33953
Greg Bugbee	2.00	Muck	partially sunny	North	16	2	5.0		2	0	0	0	6/10/2010	41.41307	-73.33949
Greg Bugbee	3.50	Gravel	partially sunny	North	16	3	10.0		0	0	0	0	6/10/2010	41.41309	-73.33941
Greg Bugbee	7.20	Sand	rain	North	16	4	20.0		0	0	0	0	6/10/2010	41.41322	-73.33939
Greg Bugbee	0.20	Sand	rain	East	18	1	0.5	filamentous algae blown in myriophyllum spicatum	0	0	0	0	6/9/2010	41.40761	-73.32800
Greg Bugbee	0.50	Muck	rain	East	18	2	5.0	filamentous algae	0	1	0	0	6/9/2010	41.40765	-73.32802
Greg Bugbee	0.00	Muck	rain	East	18	3	10.0	filamentous algae	0	1	0	0	6/9/2010	41.40766	-73.32810
Greg Bugbee	1.00	Muck	rain	East	18	4	20.0		0	2	0	1	6/9/2010	41.40765	-73.32826
Greg Bugbee	1.00	Muck	rain	East	18	5	30.0		0	2	0	0	6/9/2010	41.40771	-73.32836
Greg Bugbee	1.50	Muck	rain	East	18	6	40.0		0	4	0	0	6/9/2010	41.40779	-73.32844
Greg Bugbee	1.60	Muck	rain	East	18	7	50.0		0	4	0	0	6/9/2010	41.40789	-73.32854
Greg Bugbee	1.50	Muck	Light rain	East	18	8	60.0		0	5	0	0	6/9/2010	41.40785	-73.32862
Greg Bugbee	1.60	Muck	Light rain	East	18	9	70.0		0	5	0	0	6/9/2010	41.40789	-73.32878
Greg Bugbee	2.20	Muck	Light rain	East	18	10	80.0		0	5	0	0	6/9/2010	41.40796	-73.32887

