

Plant abundance is on a scale of 1 to 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 http://www.fcc.gov/mb/audio/bickel/DDMMSS-decimal.html																					
Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Ceratophyllum demersum</i>	<i>Elatine minima</i>	<i>Eleocharis species</i>	<i>Elodea canadensis</i>	<i>Elodea nuttallii</i>	<i>Gratiola aurea</i>	<i>Isoetes species</i>	<i>Myriophyllum spicatum</i>	<i>Najas flexilis</i>	<i>Najas guadalupensis</i>	<i>Polygonum species</i>	<i>Potamogeton amplifolius</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria species</i>	<i>Sparganium species</i>	<i>Utricularia radiata</i>	<i>Vallisneria americana</i>	<i>Zosterella dubia</i>	Date	Latitude	Longitude	
Sara Benson	0.20	Sand	1	1	0.5	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76566	-72.30898
Sara Benson	0.50	Sand	1	2	5	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76569	-72.30904
Sara Benson	0.80	Sand	1	3	10		0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	7/1/2014	41.76570	-72.30910
Sara Benson	1.00	Sand	1	4	20		0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	2	0	0	7/1/2014	41.76573	-72.30921
Sara Benson	1.50	Sand	1	5	30		1	0	0	0	1	0	0	0	0	0	0	0	0	2	2	0	3	2	0	7/1/2014	41.76581	-72.30927
Sara Benson	1.70	Sand	1	6	40		1	0	0	0	1	0	0	0	0	0	3	2	0	0	2	0	3	2	0	7/1/2014	41.76587	-72.30942
Sara Benson	2.10	Muck	1	7	50		1	0	0	0	1	0	0	0	0	0	0	3	0	0	2	0	4	2	0	7/1/2014	41.76585	-72.30950
Sara Benson	2.50	Muck	1	8	60		1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	1	0	0	7/1/2014	41.76593	-72.30960
Sara Benson	3.00	Muck	1	9	70		3	0	0	0	2	0	0	0	0	0	0	0	0	1	0	1	0	0	0	7/1/2014	41.76594	-72.30974
Sara Benson	3.40	Muck	1	10	80		0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	7/1/2014	41.76596	-72.30986
Samantha Wysocki	0.20	Sand	2	1	0.5		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76590	-72.31229
Samantha Wysocki	0.80	Gravel	2	2	5		0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	2	0	0	7/1/2014	41.76596	-72.31226
Samantha Wysocki	1.20	Gravel	2	3	10		0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	7/1/2014	41.76602	-72.31229
Samantha Wysocki	1.40	Gravel	2	4	20	algae	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	1	3	2	0	7/1/2014	41.76610	-72.31226
Samantha Wysocki	2.60	Muck	2	5	30		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76619	-72.31228
Samantha Wysocki	4.00	Muck	2	6	40		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76626	-72.31239
Samantha Wysocki	5.60	Muck	2	7	50		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76639	-72.31235
Samantha Wysocki	6.70	Muck	2	8	60	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76647	-72.31224
Samantha Wysocki	7.30	Muck	2	9	70	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76656	-72.31223
Samantha Wysocki	7.60	Muck	2	10	80	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76661	-72.31225
Sara Benson	0.20	Gravel	3	1	0.5		0	1	3	0	0	2	1	0	0	0	0	0	0	1	0	0	0	0	0	7/1/2014	41.76690	-72.31625



Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Ceratophyllum demersum</i>	<i>Elatine minima</i>	<i>Eleocharis species</i>	<i>Elodea canadensis</i>	<i>Elodea nuttallii</i>	<i>Gratiola aurea</i>	<i>Isoetes species</i>	<i>Myriophyllum spicatum</i>	<i>Najas flexilis</i>	<i>Najas guadalupensis</i>	<i>Polygonum species</i>	<i>Potamogeton amplifolius</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria species</i>	<i>Sparganium species</i>	<i>Utricularia radiata</i>	<i>Vallisneria americana</i>	<i>Zosterella dubia</i>	Date	Latitude	Longitude	
Sara Benson	0.50	Gravel	3	2	5	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76694	-72.31624
Sara Benson	1.00	Gravel	3	3	10		0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	7/1/2014	41.76700	-72.31620
Samantha Wysocki	1.80	Sand	3	4	20		0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	0	3	2	7/1/2014	41.76707	-72.31613
Sara Benson	5.80	Muck	3	5	30	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76717	-72.31608
Sara Benson	7.00		3	6	40		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76720	-72.31603
Sara Benson	8.40		3	7	50	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76734	-72.31599
Sara Benson	9.00		3	8	60	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76738	-72.31592
Sara Benson	9.20		3	9	70	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76745	-72.31581
Sara Benson	9.50		3	10	80	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76755	-72.31579
Samantha Wysocki	0.20	Sand	4	1	0.5		0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	7/1/2014	41.76805	-72.32134
Samantha Wysocki	0.80	Sand	4	2	5		0	2	3	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	7/1/2014	41.76809	-72.32135
Samantha Wysocki	1.20	Sand	4	3	20		1	0	4	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	7/1/2014	41.76814	-72.32136
Samantha Wysocki	1.50	Sand	4	4	20		1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	7/1/2014	41.76823	-72.32135
Samantha Wysocki	4.40	Muck	4	5	30	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76831	-72.32131
Samantha Wysocki	7.50		4	6	40	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76843	-72.32133
Samantha Wysocki	9.30		4	7	50	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76851	-72.32132
Samantha Wysocki	10.20		4	8	60	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76862	-72.32128
Samantha Wysocki	10.20		4	9	70	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76866	-72.32125
Samantha Wysocki	10.40		4	10	80	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76878	-72.32130
Sara Benson	0.20	Gravel	5	1	0.5	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76891	-72.32633
Sara Benson	0.50	Sand	5	2	5		0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76896	-72.32633
Sara Benson	1.00	Sand	5	3	10		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76899	-72.32632
Sara Benson	1.50	Muck	5	4	20		0	0	0	1	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	7/1/2014	41.76908	-72.32625
Sara Benson	7.50		5	5	30	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76918	-72.32622



Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Ceratophyllum demersum</i>	<i>Elatine minima</i>	<i>Eleocharis species</i>	<i>Elodea canadensis</i>	<i>Elodea nuttallii</i>	<i>Gratiola aurea</i>	<i>Isoetes species</i>	<i>Myriophyllum spicatum</i>	<i>Najas flexilis</i>	<i>Najas guadalupensis</i>	<i>Polygonum species</i>	<i>Potamogeton amplifolius</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria species</i>	<i>Sparganium species</i>	<i>Utricularia radiata</i>	<i>Vallisneria americana</i>	<i>Zosterella dubia</i>	Date	Latitude	Longitude	
Sara Benson	9.40		5	6	40	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76929	-72.32619
Sara Benson	9.50		5	7	50	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76937	-72.32616
Sara Benson	9.90		5	8	60	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76943	-72.32612
Sara Benson	10.00		5	9	70	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76955	-72.32605
Sara Benson	10.00		5	10	80	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/1/2014	41.76957	-72.32607
Sara Benson	0.20	Gravel	6	1	0.5		0	3	1	0	0	2	0	0	0	0	3	0	3	3	0	2	0	0	0	7/1/2014	41.76997	-72.33145
Sara Benson	0.30	Muck	6	2	5		0	2	1	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	7/1/2014	41.77000	-72.33144
Sara Benson	0.50	Muck	6	3	10		0	2	3	0	0	0	0	0	3	0	0	0	3	1	3	0	0	0	0	7/1/2014	41.77004	-72.33143
Sara Benson	0.80	Muck	6	4	20		1	0	0	0	0	0	0	0	3	0	0	0	1	1	2	2	0	0	0	7/1/2014	41.77015	-72.33138
Sara Benson	0.80	Muck	6	5	30		1	0	0	0	0	0	0	0	3	0	0	0	2	0	2	2	1	1	0	7/1/2014	41.77022	-72.33129
Sara Benson	0.90	Muck	6	6	40		1	0	0	0	0	0	0	0	2	0	0	2	0	0	0	3	3	1	0	7/1/2014	41.77026	-72.33121
Sara Benson	1.70	Muck	6	7	50		3	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	0	0	7/1/2014	41.77028	-72.33125
Sara Benson	1.90	Muck	6	8	60		2	0	0	0	0	0	0	3	0	0	0	3	0	0	0	3	0	0	0	7/1/2014	41.77048	-72.33105
Sara Benson	2.10	Muck	6	9	70		2	0	0	0	2	0	0	3	0	0	0	0	0	0	0	1	0	0	0	7/1/2014	41.77053	-72.33103
Sara Benson	2.30	Muck	6	10	80		1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	3	0	0	0	7/1/2014	41.77063	-72.33100
Samantha Wysocki	0.20	Sand	7	1	0.5		0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.77389	-72.33315
Samantha Wysocki	0.50	Sand	7	2	5		1	1	3	0	0	0	0	0	0	0	0	0	0	2	2	1	1	0	0	7/2/2014	41.77390	-72.33311
Samantha Wysocki	0.50	Sand	7	3	10		0	0	4	0	1	3	0	0	0	2	0	0	0	3	2	0	0	0	0	7/2/2014	41.77390	-72.33304
Samantha Wysocki	0.70	Sand	7	4	20		0	0	2	0	0	1	1	0	0	0	0	0	0	1	1	0	3	0	0	7/2/2014	41.77392	-72.33295
Samantha Wysocki	0.70	Muck	7	5	30		0	0	3	0	2	0	0	0	0	0	0	0	2	2	1	1	0	0	0	7/2/2014	41.77399	-72.33278
Samantha Wysocki	0.80	Muck	7	6	40		0	0	2	0	1	0	0	0	0	0	0	0	1	3	0	1	0	0	0	7/2/2014	41.77404	-72.33270
Samantha Wysocki	2.50		7	7	50		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	7/2/2014	41.77403	-72.33256
Samantha Wysocki	2.80	Muck	7	8	60	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.77408	-72.33248
Samantha Wysocki	4.60	Muck	7	9	70	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.77414	-72.33239



Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Ceratophyllum demersum</i>	<i>Elatine minima</i>	<i>Eleocharis species</i>	<i>Elodea canadensis</i>	<i>Elodea nuttallii</i>	<i>Gratiola aurea</i>	<i>Isoetes species</i>	<i>Myriophyllum spicatum</i>	<i>Najas flexilis</i>	<i>Najas guadalupensis</i>	<i>Polygonum species</i>	<i>Potamogeton amplifolius</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria species</i>	<i>Sparganium species</i>	<i>Utricularia radiata</i>	<i>Vallisneria americana</i>	<i>Zosterella dubia</i>	Date	Latitude	Longitude
Samantha Wysocki	5.90	Muck	7	10	80	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.77422	-72.33227
Sara Benson	0.20	Gravel	8	1	0.5	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.77785	-72.33352
Sara Benson	0.80	Gravel	8	2	5		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	7/2/2014	41.77784	-72.33347
Sara Benson	1.00	Sand	8	3	10		0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	2	3	0	7/2/2014	41.77783	-72.33343
Sara Benson	1.20	Sand	8	4	20		1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	1	4	0	7/2/2014	41.77784	-72.33331
Sara Benson	2.00	Muck	8	5	30		0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.77781	-72.33317
Sara Benson	2.70	Muck	8	6	40		0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.77781	-72.33304
Sara Benson	3.10	Muck	8	7	50		1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.77780	-72.33290
Sara Benson	3.30	Muck	8	8	60		0	0	0	0	3	0	0	1	0	0	0	0	0	0	0	1	0	0	7/2/2014	41.77777	-72.33277
Sara Benson	3.30	Muck	8	9	70		0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	1	0	0	7/2/2014	41.77778	-72.33262
Sara Benson	0.00	Muck	8	10	80		1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	7/2/2014	41.77777	-72.33256
Sara Benson	0.20	Gravel	9	1	0.5		0	0	3	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	7/3/2014	41.76981	-72.30809
Sara Benson	3.10	Organic	9	2	5	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.76979	-72.30806
Sara Benson	3.20	Organic	9	3	10		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	7/3/2014	41.76975	-72.30804
Sara Benson	3.60	Muck	9	4	20		1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	7/3/2014	41.76961	-72.30800
Sara Benson	3.70	Muck	9	5	30	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.76950	-72.30797
Sara Benson	3.50	Muck	9	6	40		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	7/3/2014	41.76941	-72.30810
Sara Benson	3.70	Muck	9	7	50	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.76931	-72.30813
Sara Benson	3.70	Muck	9	8	60		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	7/3/2014	41.76923	-72.30818
Sara Benson	3.70	Muck	9	9	70		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	7/3/2014	41.76919	-72.30825
Sara Benson	3.50	Muck	9	10	80		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	7/3/2014	41.76906	-72.30839
Jordan Gibbons	0.20	Gravel	10	1	0.5		0	1	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	7/3/2014	41.76929	-72.31303
Jordan Gibbons	0.70	Gravel	10	2	5		0	0	0	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	7/3/2014	41.76925	-72.31308
Jordan Gibbons	1.20	Gravel	10	3	10		0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	2	2	7/3/2014	41.76922	-72.31310



Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Ceratophyllum demersum</i>	<i>Elatine minima</i>	<i>Eleocharis species</i>	<i>Elodea canadensis</i>	<i>Elodea nuttallii</i>	<i>Gratiola aurea</i>	<i>Isoetes species</i>	<i>Myriophyllum spicatum</i>	<i>Najas flexilis</i>	<i>Najas guadalupensis</i>	<i>Polygonum species</i>	<i>Potamogeton amplifolius</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria species</i>	<i>Sparganium species</i>	<i>Utricularia radiata</i>	<i>Vallisneria americana</i>	<i>Zosterella dubia</i>	Date	Latitude	Longitude
Jordan Gibbons	3.00	Sand	10	4	20		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	7/3/2014	41.76917	-72.31323
Jordan Gibbons	4.00	Sand	10	5	30	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.76906	-72.31323
Jordan Gibbons	4.50	Sand	10	6	40		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.76896	-72.31326
Jordan Gibbons	4.70	Sand	10	7	50		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.76888	-72.31324
Jordan Gibbons	3.70	Sand	10	8	60		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.76879	-72.31332
Jordan Gibbons	3.20	Sand	10	9	70		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.76872	-72.31342
Jordan Gibbons	5.20	Sand	10	10	80		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.76866	-72.31352
Jordan Gibbons	0.20	Gravel	11	1	0.5		0	2	2	0	0	2	0	0	0	0	0	0	1	2	0	0	0	0	7/3/2014	41.77204	-72.31643
Jordan Gibbons	0.50	Gravel	11	2	5		0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	7/3/2014	41.77199	-72.31642
Jordan Gibbons	1.00	Sand	11	3	10		1	0	3	0	1	0	0	0	0	2	0	0	0	0	0	0	1	0	7/3/2014	41.77197	-72.31647
Jordan Gibbons	1.20	Muck	11	4	20		3	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	7/3/2014	41.77188	-72.31647
Jordan Gibbons	1.20	Muck	11	5	30		3	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	1	7/3/2014	41.77180	-72.31659
Jordan Gibbons	1.30	Muck	11	6	40		2	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	1	2	7/3/2014	41.77175	-72.31669
Jordan Gibbons	1.50	Muck	11	7	50		3	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	2	2	7/3/2014	41.77167	-72.31677
Jordan Gibbons	2.00	Muck	11	8	60		3	0	0	0	2	0	0	3	0	0	0	0	0	0	0	0	0	1	7/3/2014	41.77163	-72.31685
Jordan Gibbons	2.50	Muck	11	9	70		2	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	1	0	7/3/2014	41.77155	-72.31693
Jordan Gibbons	2.80	Muck	11	10	80		2	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.77152	-72.31705
Sara Benson	0.20	Sand	12	1	0.5	phragmites	0	3	0	0	0	3	2	1	0	0	0	0	0	2	0	0	0	0	7/3/2014	41.77260	-72.32033
Sara Benson	0.30	Gravel	12	2	5		0	0	2	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	7/3/2014	41.77255	-72.32037
Sara Benson	0.50	Gravel	12	3	10	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.77251	-72.32040
Sara Benson	1.00	Sand	12	4	20		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3	0	7/3/2014	41.77245	-72.32045
Sara Benson	2.50	Sand	12	5	30		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	7/3/2014	41.77238	-72.32042
Sara Benson	3.50	Muck	12	6	40		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	7/3/2014	41.77228	-72.32057
Sara Benson	4.10	Muck	12	7	50	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.77220	-72.32061



Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Ceratophyllum demersum</i>	<i>Elatine minima</i>	<i>Eleocharis species</i>	<i>Elodea canadensis</i>	<i>Elodea nuttallii</i>	<i>Gratiola aurea</i>	<i>Isoetes species</i>	<i>Myriophyllum spicatum</i>	<i>Najas flexilis</i>	<i>Najas guadalupensis</i>	<i>Polygonum species</i>	<i>Potamogeton amplifolius</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria species</i>	<i>Sparganium species</i>	<i>Utricularia radiata</i>	<i>Vallisneria americana</i>	<i>Zosterella dubia</i>	Date	Latitude	Longitude	
Sara Benson	5.10	Muck	12	8	60	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.77209	-72.32060
Sara Benson	6.60	Muck	12	9	70		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.77199	-72.32061
Sara Benson	7.10	Muck	12	10	80		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.77190	-72.32068
Sara Benson	0.20	Gravel	13	1	0.5		0	3	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	7/3/2014	41.77426	-72.32265
Sara Benson	0.50	Sand	13	2	5		0	0	3	0	0	2	0	0	0	0	0	0	0	4	0	1	0	0	0	7/3/2014	41.77424	-72.32269
Sara Benson	1.00	Sand	13	3	10		1	0	0	0	0	0	1	0	0	2	0	0	1	0	1	1	4	2	0	7/3/2014	41.77420	-72.32274
Sara Benson	1.20	Muck	13	4	20		4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	3	0	0	7/3/2014	41.77413	-72.32279
Sara Benson	1.20	Muck	13	5	30		0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	4	0	0	7/3/2014	41.77409	-72.32292
Sara Benson	1.20	Muck	13	6	40		2	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	2	2	0	7/3/2014	41.77401	-72.32299
Sara Benson	1.20	Muck	13	7	50		0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	3	0	7/3/2014	41.77395	-72.32309
Sara Benson	1.20	Muck	13	8	60		0	0	0	0	3	0	0	0	0	0	2	0	0	0	0	0	1	3	0	7/3/2014	41.77381	-72.32314
Sara Benson	1.00	Muck	13	9	70		0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	3	0	0	7/3/2014	41.77375	-72.32319
Sara Benson	2.30	Muck	13	10	80		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	7/3/2014	41.77364	-72.32320
Sara Benson	0.20	Gravel	14	1	0.5		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	7/3/2014	41.77601	-72.32662
Sara Benson	0.60	Sand	14	2	5		0	0	0	0	0	0	2	0	0	0	0	0	2	1	0	0	1	0	0	7/3/2014	41.77596	-72.32662
Sara Benson	1.00	Sand	14	3	10		0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	1	0	7/3/2014	41.77592	-72.32663
Sara Benson	4.00	Sand	14	4	20		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	7/3/2014	41.77584	-72.32668
Sara Benson	5.10	Sand	14	5	30	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.77575	-72.32671
Sara Benson	5.10	Sand	14	6	40	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.77568	-72.32682
Sara Benson	5.50	Sand	14	7	50		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.77556	-72.32686
Sara Benson	6.60	Sand	14	8	60		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.77550	-72.32694
Sara Benson	8.10	Sand	14	9	70		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.77539	-72.32695
Sara Benson	8.50	Sand	14	10	80		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.77534	-72.32702
Samantha Wysocki	0.20	Sand	15	1	0.5		0	0	0	0	0	3	2	0	0	0	0	0	1	3	0	0	0	0	0	7/3/2014	41.77833	-72.32711



Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Ceratophyllum demersum</i>	<i>Elatine minima</i>	<i>Eleocharis species</i>	<i>Elodea canadensis</i>	<i>Elodea nuttallii</i>	<i>Gratiola aurea</i>	<i>Isoetes species</i>	<i>Myriophyllum spicatum</i>	<i>Najas flexilis</i>	<i>Najas guadalupensis</i>	<i>Polygonum species</i>	<i>Potamogeton amplifolius</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria species</i>	<i>Sparganium species</i>	<i>Utricularia radiata</i>	<i>Vallisneria americana</i>	<i>Zosterella dubia</i>	Date	Latitude	Longitude
Samantha Wysocki	0.50	Sand	15	2	0.5		0	0	1	2	0	1	2	0	0	0	0	0	0	1	1	0	0	0	7/3/2014	41.77834	-72.32718
Samantha Wysocki	1.00	Gravel	15	3	10		0	0	1	2	0	0	1	0	0	0	0	0	0	1	3	0	0	0	7/3/2014	41.77832	-72.32725
Samantha Wysocki	1.70	Gravel	15	4	20		0	0	0	2	0	0	0	0	0	0	0	5	0	0	3	0	3	0	7/3/2014	41.77833	-72.32735
Samantha Wysocki	2.30	Muck	15	5	30		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	7/3/2014	41.77832	-72.32750
Samantha Wysocki	3.10	Gravel	15	6	40	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.77835	-72.32756
Samantha Wysocki	7.10	Muck	15	7	50	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.77834	-72.32777
Samantha Wysocki	7.50	Muck	15	8	60		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.77834	-72.32798
Samantha Wysocki	7.80	Muck	15	9	70		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.77837	-72.32794
Samantha Wysocki	7.80	Muck	15	10	80		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.77831	-72.32811
Samantha Wysocki	0.20	Gravel	16	1	0.5		0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	7/3/2014	41.78170	-72.32668
Samantha Wysocki	0.50	Gravel	16	2	5		0	0	0	0	1	0	2	0	0	0	0	0	0	1	4	0	1	0	7/3/2014	41.78172	-72.32676
Samantha Wysocki	1.90	Sand	16	3	10		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0	7/3/2014	41.78173	-72.32684
Samantha Wysocki	2.70	Sand	16	4	20		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	7/3/2014	41.78173	-72.32695
Samantha Wysocki	3.30	Muck	16	5	30		0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.78171	-72.32709
Samantha Wysocki	3.50	Muck	16	6	40		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	7/3/2014	41.78174	-72.32723
Samantha Wysocki	3.70	Muck	16	7	50		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.78175	-72.32735
Samantha Wysocki	4.70	Muck	16	8	60	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.78174	-72.32746
Samantha Wysocki	4.30	Muck	16	9	70	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.78175	-72.32758
Samantha Wysocki	4.60	Muck	16	10	80		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.78179	-72.32770
Sara Benson	0.20	Gravel	17	1	0.5	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.78111	-72.33073
Sara Benson	0.50	Gravel	17	2	5	all rocks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.78114	-72.33068
Sara Benson	2.00	Gravel	17	3	10		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	7/2/2014	41.78116	-72.33064
Sara Benson	3.80	Sand	17	4	20	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.78117	-72.33053
Sara Benson	4.90	Sand	17	5	30	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.78130	-72.33040



Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Ceratophyllum demersum</i>	<i>Elatine minima</i>	<i>Eleocharis species</i>	<i>Elodea canadensis</i>	<i>Elodea nuttallii</i>	<i>Gratiola aurea</i>	<i>Isoetes species</i>	<i>Myriophyllum spicatum</i>	<i>Najas flexilis</i>	<i>Najas guadalupensis</i>	<i>Polygonum species</i>	<i>Potamogeton amplifolius</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria species</i>	<i>Sparganium species</i>	<i>Utricularia radiata</i>	<i>Vallisneria americana</i>	<i>Zosterella dubia</i>	Date	Latitude	Longitude
Sara Benson	5.30		17	6	40	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.78135	-72.33034
Sara Benson	5.20		17	7	50	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.78140	-72.33023
Sara Benson	5.30		17	8	60		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.78141	-72.33015
Sara Benson	5.20	Muck	17	9	70		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.78144	-72.33006
Sara Benson	5.50		17	10	80		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.78151	-72.32997
Samantha Wysocki	0.20	Sand	18	1	0.5		0	4	5	0	0	2	0	0	0	0	0	0	0	3	0	0	0	0	7/3/2014	41.78323	-72.33226
Samantha Wysocki	0.40	Sand	18	2	5		0	3	4	0	0	0	0	1	0	0	0	0	2	4	2	0	0	0	7/3/2014	41.78323	-72.33219
Samantha Wysocki	0.50	Muck	18	3	10		2	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	2	0	7/3/2014	41.78321	-72.33213
Samantha Wysocki	0.50	Muck	18	4	20		0	0	0	0	3	0	0	1	0	0	0	0	0	0	0	0	3	0	7/3/2014	41.78318	-72.33200
Samantha Wysocki	0.60	Muck	18	5	30		2	0	0	0	3	0	0	1	0	0	0	0	0	0	0	0	2	0	7/3/2014	41.78316	-72.33190
Samantha Wysocki	1.80	Muck	18	6	40		2	0	0	0	3	0	0	1	0	0	0	0	0	0	0	0	3	0	7/3/2014	41.78313	-72.33179
Samantha Wysocki	2.10	Muck	18	7	50		3	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.78310	-72.33168
Samantha Wysocki	2.50	Muck	18	8	60		0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.78307	-72.33156
Samantha Wysocki	2.80	Muck	18	9	70		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	7/3/2014	41.78301	-72.33148
Samantha Wysocki	3.10	Muck	18	10	80		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/3/2014	41.78294	-72.33137
Samantha Wysocki	0.20	Gravel	19	1	0.5		0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.77758	-72.33052
Samantha Wysocki	0.90	Gravel	19	2	5		0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.77764	-72.33052
Samantha Wysocki	1.30	Gravel	19	3	10		0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	7/2/2014	41.77768	-72.33051
Samantha Wysocki	3.10	Gravel	19	4	20		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	7/2/2014	41.77777	-72.33053
Samantha Wysocki	3.50	Gravel	19	5	30		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.77787	-72.33055
Samantha Wysocki	3.80	Muck	19	6	40	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.77797	-72.33047
Samantha Wysocki	3.60	Muck	19	7	50		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	7/2/2014	41.77806	-72.33038
Samantha Wysocki	3.80	Muck	19	8	60	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.77815	-72.33043
Samantha Wysocki	3.90	Muck	19	9	70	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.77823	-72.33041
Samantha Wysocki	3.70	Muck	19	10	80	nothing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/2/2014	41.77833	-72.33058

