

# Appendix G – Aquatic Vegetation Data

**Table G-2: Aquatic vegetation surveys results at station M1 on August 29, 2017.**

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T1	0-1	40	F	-	<i>Bidens cernua</i>	nodding beggartick	1-25
					<i>Lemna minor</i>	common duckweed	75-100
	1-2	40	F	-	<i>Lemna minor</i>	common duckweed	75-100
	2-3	50	F	-	<i>Lemna minor</i>	common duckweed	75-100
	3-4	55	F	-	<i>Calamagrostis canadensis</i>	bluejoint	1-25
					<i>Lemna minor</i>	common duckweed	75-100
<i>Polygonum coccineum</i>					water smartweed	1-25	
T2	0-1	40	F	-	<i>Alopecurus pratensis</i>	meadow foxtail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Potamogeton pusillus</i>	small-leaf pondweed	1-25
	1-2	95	F	-	<i>Lemna minor</i>	common duckweed	25-50
	2-3	90	F	-	<i>Lemna minor</i>	common duckweed	50-75
	3-4	50	F	-	<i>Bidens cernua</i>	nodding beggartick	1-25
<i>Lemna minor</i>					common duckweed	50-75	
T3	0-1	20	G	F/C	<i>Bidens cernua</i>	nodding beggartick	1-25
					<i>Lemna minor</i>	common duckweed	50-75
	1-2	40	G	F/C	<i>Lemna minor</i>	common duckweed	50-75
	2-3	50	G	F/C	<i>Lemna minor</i>	common duckweed	50-75

**Table G-3: Aquatic vegetation surveys results at station M2 on September 12, 2017.**

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T1	0-1	60	F	C	<i>Lemna minor</i>	common duckweed	1-25
					<i>Scirpus microcarpus</i>	small-fruited bulrush	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
	1-2	90	F	C	<i>Lemna minor</i>	common duckweed	1-25
					<i>Potamogeton pusillus</i>	small-leaf pondweed	1-25

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T1	2-3	100	F	C	<i>Lemna minor</i>	common duckweed	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
	3-4	100	F	C	-	-	-
	4-5	110	F	G/C	-	-	-
	5-6	120	F	G/C	<i>Lemna minor</i>	common duckweed	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
					<i>Lemna minor</i>	common duckweed	1-25
	6-7	110	F	C	<i>Lemna minor</i>	common duckweed	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
	7-8	90	F	-	<i>Lemna minor</i>	common duckweed	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
	T2	0-1	30	G	F	<i>Bidens cernua</i>	nodding beggartick
<i>Callitriche verna</i>						vernal water starwort	1-25
<i>Glyceria borealis</i>						northern manna grass	1-25
<i>Lemna minor</i>						common duckweed	1-25
<i>Spirodela polyrhiza</i>						larger duckweed	1-25
1-2		50	G	F	<i>Callitriche verna</i>	vernal water starwort	1-25
					<i>Ranunculus aquatilis</i>	large-leaved white water crowfoot	1-25
2-3		40	G	C	<i>Ranunculus aquatilis</i>	large-leaved white water crowfoot	1-25
3-4		40	G	C	<i>Callitriche verna</i>	vernal water starwort	1-25
					<i>Filamentous green algae</i>	Filamentous green algae	50-75
					<i>Ranunculus aquatilis</i>	large-leaved white water crowfoot	1-25
4-5		40	F	G	<i>Callitriche verna</i>	vernal water starwort	25-50
					<i>Ranunculus aquatilis</i>	large-leaved white water crowfoot	1-25
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	25-50
5-6		30	F	S	<i>Typha latifolia</i>	common cattail	1-25
					<i>Aquatic moss (Spp?)</i>	Aquatic moss (Spp?)	1-25
					<i>Callitriche verna</i>	vernal water starwort	25-50

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T2					<i>Ranunculus aquatilis</i>	large-leaved white water crowfoot	1-25
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	25-50
	6-7	40	F	-	<i>Callitriche verna</i>	vernal water starwort	25-50
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Ranunculus aquatilis</i>	large-leaved white water crowfoot	1-25
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	25-50
					<i>Callitriche verna</i>	vernal water starwort	25-50
	7-8	30	F	S	<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Ranunculus aquatilis</i>	large-leaved white water crowfoot	25-50
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	25-50
					<i>Callitriche verna</i>	vernal water starwort	25-50
	8-9	30	F	S	<i>Bidens cernua</i>	nodding beggartick	1-25
					<i>Callitriche verna</i>	vernal water starwort	25-50
					<i>Glyceria borealis</i>	northern manna grass	1-25
<i>Lemna minor</i>					common duckweed	1-25	
<i>Potamogeton richardsonii</i>					Richardson's pondweed	1-25	
<i>Ranunculus aquatilis</i>					large-leaved white water crowfoot	1-25	
<i>Sparganium angustifolium</i>					narrow-leaved bur-reed	1-25	
<i>Spirodela polyrhiza</i>					larger duckweed	1-25	
T3	0-1	30	F	C	<i>Callitriche verna</i>	vernal water starwort	1-25
	1-2	70	F	C	-	-	-
	2-3	80	C	F	-	-	-
	3-4	70	C	F	<i>Callitriche verna</i>	vernal water starwort	1-25
	4-5	70	G/C	F	<i>Callitriche verna</i>	vernal water starwort	1-25
	5-6	60	F	C	-	-	-

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T3	6-7	30	F	-	<i>Potamogeton pusillus</i>	small-leaf pondweed	1-25
					<i>Callitriche verna</i>	vernal water starwort	75-100
					<i>Potamogeton pusillus</i>	small-leaf pondweed	1-25
	7-8	10	F	-	<i>Ranunculus aquatilis</i>	large-leaved white water crowfoot	25-50
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	1-25

Table G-4: Aquatic vegetation surveys results at station M3 on August 29, 2017 and August 30, 2017.

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T1	0-1	40	F	-	<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Sparganium eurycarpum</i>	giant bur-reed	50-75
					<i>Stuckenia spp</i>	pondweed spp.	1-25
	1-2	50	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Stuckenia spp</i>	pondweed spp.	75-100
	2-3	60	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Potamogeton spp.</i>	pondweed spp.	1-25
					<i>Stuckenia spp</i>	pondweed spp.	75-100
	3-4	70	F	S	<i>Lemna minor</i>	common duckweed	1-25
					<i>Stuckenia spp</i>	pondweed spp.	50-75
					<i>Ceratophyllum demersum</i>	coontail	25-50
	4-5	70	F	S	<i>Lemna minor</i>	common duckweed	1-25
<i>Stuckenia spp</i>					pondweed spp.	75-100	
5-6	80	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T1					<i>Lemna minor</i>	common duckweed	1-25
					<i>Stuckenia spp</i>	pondweed spp.	50-75
	6-7	85	F	S	<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Stuckenia spp</i>	pondweed spp.	75-100
					<i>Ceratophyllum demersum</i>	coontail	1-25
	7-8	90	F	S	<i>Lemna minor</i>	common duckweed	1-25
					<i>Potamogeton spp.</i>	pondweed spp.	1-25
					<i>Stuckenia spp</i>	pondweed spp.	75-100
	8-9	85	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Stuckenia spp</i>	pondweed spp.	75-100
	9-10	85	F	S/G/C	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Potamogeton spp.</i>	pondweed spp.	1-25
					<i>Stuckenia spp</i>	pondweed spp.	50-75
	10-11	70	F	S/G/C	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Sparganium eurycarpum</i>	giant bur-reed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	25-50
11-12	55	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25	
				<i>Lemna minor</i>	common duckweed	1-25	
				<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25	
				<i>Sparganium eurycarpum</i>	giant bur-reed	1-25	
				<i>Stuckenia spp</i>	pondweed spp.	1-25	
12-13	20	F	-	<i>Bidens cernua</i>	nodding beggartick	1-25	
				<i>Carex atherodes</i>	awned sedge	1-25	
				<i>Lemna minor</i>	common duckweed	50-75	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T1					<i>Phalaris arundinacea</i>	reed canary grass	1-25
					<i>Sparganium eurycarpum</i>	giant bur-reed	25-50
T2	0-1	30	F	-	<i>Calamagrostis canadensis</i>	bluejoint	1-25
					<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna minor</i>	common duckweed	25-50
					<i>Sparganium eurycarpum</i>	giant bur-reed	1-25
	1-2	80	F	-	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Stuckenia spp</i>	pondweed spp.	75-100
	2-3	90	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Stuckenia spp</i>	pondweed spp.	50-75
	3-4	90	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Stuckenia spp</i>	pondweed spp.	25-50
	4-5	90	F	S	<i>Lemna minor</i>	common duckweed	1-25
					<i>Stuckenia spp</i>	pondweed spp.	25-50
	5-6	90	F	S	<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Stuckenia spp</i>	pondweed spp.	25-50
	6-7	90	F	S	<i>Lemna minor</i>	common duckweed	1-25
<i>Potamogeton richardsonii</i>					Richardson's pondweed	1-25	
<i>Stuckenia spp</i>					pondweed spp.	75-100	
7-8	90	S/F	-	<i>Lemna minor</i>	common duckweed	1-25	
				<i>Stuckenia spp</i>	pondweed spp.	25-50	
8-9	85	S/F	-	<i>Ceratophyllum demersum</i>	coontail	1-25	
				<i>Lemna minor</i>	common duckweed	1-25	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T2	9-10	90	F	S	<i>Potamogeton richardsonii</i>	Richardson's pondweed	25-50
					<i>Stuckenia spp</i>	pondweed spp.	50-75
					<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
	10-11	80	F	S	<i>Stuckenia spp</i>	pondweed spp.	50-75
					<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna minor</i>	common duckweed	25-50
	11-12	65	F	-	<i>Stuckenia spp</i>	pondweed spp.	25-50
					<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna minor</i>	common duckweed	25-50
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
	12-13	20	F	S	<i>Stuckenia spp</i>	pondweed spp.	1-25
					<i>Bidens cernua</i>	nodding beggartick	1-25
					<i>Calamagrostis canadensis</i>	bluejoint	25-50
					<i>Carex atherodes</i>	awned sedge	1-25
					<i>Eleocharis palustris</i>	creeping spike-rush	1-25
<i>Lemna minor</i>					common duckweed	50-75	
T3	0.5-1 *half of quadrat is along bank	60	F	-	<i>Scirpus microcarpus</i>	small-fruited bulrush	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
					<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
	1-2	60	F	-	<i>Sparganium eurycarpum</i>	giant bur-reed	1-25
					<i>Ceratophyllum demersum</i>	coontail	1-25
	2-3	85	F	-	<i>Lemna minor</i>	common duckweed	1-25
					<i>Stuckenia spp</i>	pondweed spp.	1-25
					<i>Ceratophyllum demersum</i>	coontail	1-25
	3-4	75	F	-	<i>Ceratophyllum demersum</i>	coontail	1-25



Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T3					<i>Lemna minor</i>	common duckweed	1-25
					<i>Stuckenia spp</i>	pondweed spp.	1-25
	4-5	80	F	-	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
	5-6	90	F	-	<i>Stuckenia spp</i>	pondweed spp.	25-50
					<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
	6-7	110	F	S	<i>Stuckenia spp</i>	pondweed spp.	50-75
					<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
	7-8	110	F	S	<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Stuckenia spp</i>	pondweed spp.	25-50
					<i>Ceratophyllum demersum</i>	coontail	1-25
	8-9	105	F	S	<i>Lemna minor</i>	common duckweed	1-25
					<i>Stuckenia spp</i>	pondweed spp.	25-50
					<i>Ceratophyllum demersum</i>	coontail	1-25
	9-10	100	F	S	<i>Lemna minor</i>	common duckweed	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
					<i>Stuckenia spp</i>	pondweed spp.	25-50
10-11	90	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25	
				<i>Lemna minor</i>	common duckweed	1-25	
				<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25	
				<i>Stuckenia spp</i>	pondweed spp.	75-100	
11-12	90	F	S	<i>Ceratophyllum demersum</i>	coontail	25-50	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T3					<i>Lemna minor</i>	common duckweed	25-50
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
					<i>Stuckenia spp</i>	pondweed spp.	25-50
	12-13	65	F	-	<i>Bidens cernua</i>	nodding beggartick	1-25
					<i>Calamagrostis canadensis</i>	bluejoint	1-25
					<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	25-50
					<i>Sparganium eurycarpum</i>	giant bur-reed	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25

Table G-5: Aquatic vegetation surveys results at station M4 on September 15, 2017.

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T1	0-1	80	F/S	C	<i>Callitriche verna</i>	vernal water starwort	1-25
					<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	50-75
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Sagittaria cuneata</i>	arrow-leaved arrowhead	1-25
	1-2	120	C	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	25-50
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	50-75
	2-3	130	S/F	C	<i>Potamogeton richardsonii</i>	Richardson's pondweed	75-100
	3-4	100	S/F	C	<i>Phalaris arundinacea</i>	reed canary grass	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	75-100
	4-5	60	F/S	G	<i>Lemna minor</i>	common duckweed	1-25
<i>Lemna trisulca</i>					ivy-leaved duckweed	25-50	
<i>Phalaris arundinacea</i>					reed canary grass	50-75	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T1					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Scirpus microcarpus</i>	small-fruited bulrush	1-25
T2	0-1	20	F	-	<i>Lemna minor</i>	common duckweed	50-75
					<i>Phalaris arundinacea</i>	reed canary grass	25-50
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
					<i>Scirpus microcarpus</i>	small-fruited bulrush	1-25
					<i>Sparganium eurycarpum</i>	giant bur-reed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
	1-2	80	S	C/F	<i>Phalaris arundinacea</i>	reed canary grass	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Phalaris arundinacea</i>	reed canary grass	25-50
	2-3	90	S/F	-	<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Ranunculus aquatilis</i>	large-leaved white water crowfoot	1-25
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
	3-4	80	S/F	-	<i>Phalaris arundinacea</i>	reed canary grass	25-50
					<i>Stuckenia pectinata</i>	sago pondweed	25-50
					<i>Aquatic moss (Spp?)</i>	Aquatic moss (Spp?)	1-25
					<i>Ceratophyllum demersum</i>	coontail	25-50
4-5	80	F	S	<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25	
				<i>Phalaris arundinacea</i>	reed canary grass	25-50	
				<i>Stuckenia pectinata</i>	sago pondweed	50-75	
				<i>Ceratophyllum demersum</i>	coontail	1-25	
5-6	70	F	S	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25	
				<i>Phalaris arundinacea</i>	reed canary grass	1-25	
				<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25	
				<i>Ranunculus aquatilis</i>	large-leaved white water	1-25	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
	6-7	60	F/S	-		crowfoot	
					<i>Sparganium eurycarpum</i>	giant bur-reed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	1-25
					<i>Ranunculus aquatilis</i>	large-leaved white water crowfoot	25-50
					<i>Sparganium eurycarpum</i>	giant bur-reed	25-50
	7-8	50	F/S	-	<i>Stuckenia pectinata</i>	sago pondweed	25-50
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	75-100
					<i>Ranunculus aquatilis</i>	large-leaved white water crowfoot	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
					T3	0-1	40
<i>Phalaris arundinacea</i>	reed canary grass	50-75					
<i>Ranunculus aquatilis</i>	large-leaved white water crowfoot	1-25					
<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25					
<i>Salix spp</i>	willow spp.	1-25					
<i>Stuckenia pectinata</i>	sago pondweed	25-50					
1-2	80	F	S	<i>Bidens cernua</i>		nodding beggartick	1-25
				<i>Phalaris arundinacea</i>		reed canary grass	25-50
				<i>Potamogeton richardsonii</i>		Richardson's pondweed	1-25
				<i>Ranunculus aquatilis</i>		large-leaved white water crowfoot	1-25
				<i>Sparganium eurycarpum</i>		giant bur-reed	1-25
				<i>Stuckenia pectinata</i>		sago pondweed	25-50
2-3	80	F	S	<i>Ceratophyllum demersum</i>		coontail	1-25

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	1-25
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	3-4	90	S	F	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	1-25
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	4-5	90	S	F	<i>Phalaris arundinacea</i>	reed canary grass	25-50
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Ranunculus aquatilis</i>	large-leaved white water crowfoot	1-25
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
					<i>Sparganium eurycarpum</i>	giant bur-reed	1-25
	5-6	90	F/S	G	<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	25-50
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
	6-7	80	F/S	-	<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
<i>Phalaris arundinacea</i>					reed canary grass	1-25	
<i>Potamogeton richardsonii</i>					Richardson's pondweed	25-50	
<i>Sagittaria cuneata</i>					arum-leaved arrowhead	1-25	
7-8	60	F/S	-	<i>Stuckenia pectinata</i>	sago pondweed	50-75	
				<i>Lemna minor</i>	common duckweed	1-25	
				<i>Phalaris arundinacea</i>	reed canary grass	50-75	
					<i>Stuckenia pectinata</i>	sago pondweed	25-50

**Table G-6:** Aquatic vegetation surveys results at station M5 on September 1, 2017.

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T1	0-1	65	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	25-50
	1-2	80	F	S	<i>Stuckenia pectinata</i>	sago pondweed	50-75
	2-3	85	F	S	**? SEE NOTES	-	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	3-4	75	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	25-50
	4-5	75	F/S	-	**? SEE NOTES	-	1-25
					<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	5-6	60	S	F	**? SEE NOTES	-	1-25
					<i>Ceratophyllum demersum</i>	coontail	50-75
	6-7	75	F	-	<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Stuckenia pectinata</i>	sago pondweed	25-50
	7-8	40	F	S	? (Not Coontail)	-	1-25
					**? SEE NOTES	-	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	8-9	20	F	S	<i>Aquatic moss (Spp?)</i>	Aquatic moss (Spp?)	1-25
					<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
<i>Stuckenia pectinata</i>					sago pondweed	25-50	
9-10	20	F	-	**? SEE NOTES	-	1-25	
				<i>Bidens cernua</i>	nodding beggartick	1-25	
				<i>Ceratophyllum demersum</i>	coontail	1-25	
				<i>Lemna minor</i>	common duckweed	1-25	
				<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25	
				<i>Ranunculus aquatilis</i>	large-leaved white water crowfoot	1-25	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	25-50
T2	0-1	70	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Zannichellia palustris</i>	horned pondweed	1-25
	1-2	65	F	S	**? SEE NOTES	-	1-25
					<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
	2-3	80	F/S	-	<i>Stuckenia pectinata</i>	sago pondweed	25-50
					<i>Ceratophyllum demersum</i>	coontail	1-25
	3-4	60	F/S	-	**? SEE NOTES	-	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	1-25
	4-5	70	F/S	-	<i>Stuckenia pectinata</i>	sago pondweed	25-50
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	5-6	60	F	S	**? SEE NOTES	-	1-25
					<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	6-7	50	F/S	-	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	7-8	25	F	-	<i>Ceratophyllum demersum</i>	coontail	1-25
<i>Stuckenia pectinata</i>					sago pondweed	25-50	
8-9	10	F	S	<i>Beckmannia syzigachne</i>	slough grass	1-25	
				<i>Bidens cernua</i>	nodding beggartick	1-25	
				<i>Callitriche verna</i>	vernal water starwort	1-25	
				<i>Ceratophyllum demersum</i>	coontail	1-25	
				<i>Lemna minor</i>	common duckweed	1-25	
T3	0-1	40	F	S	<i>Beckmannia syzigachne</i>	slough grass	1-25

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
					<i>Bidens cernua</i>	nodding beggartick	1-25
					<i>Rumex maritimus</i>	golden dock	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	1-2	90	F/S	-	**? SEE NOTES	-	1-25
					<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	2-3	110	F/S	-	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	75-100
	3-4	95	S	F	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	4-5	80	F/S	-	**? SEE NOTES	-	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	5-6	65	F/S	-	**? SEE NOTES	-	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	6-7	30	F/S	-	<i>Callitriche verna</i>	vernal water starwort	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	7-8	15	F/S	-	<i>Bidens cernua</i>	nodding beggartick	1-25
					<i>Callitriche verna</i>	vernal water starwort	25-50
					<i>Lemna minor</i>	common duckweed	1-25
<i>Polygonum lapathifolium</i>					pale smartweed	1-25	
<i>Ranunculus aquatilis</i>					large-leaved white water crowfoot	1-25	
<i>Rumex maritimus</i>					golden dock	1-25	
<i>Sagittaria cuneata</i>					arum-leaved arrowhead	1-25	
<i>Stuckenia pectinata</i>					sago pondweed	1-25	

\*\* opposite leaved unidentified species



Table G-7: Aquatic vegetation surveys results at station M6 on September 20, 2017.

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T1	0-1	50	F	-	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	1-2	40	S	F/G	<i>Stuckenia pectinata</i>	sago pondweed	1-25
	2-3	35	S	F/G	<i>Stuckenia pectinata</i>	sago pondweed	1-25
	3-4	50	S	F	-	-	-
	4-5	40	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
<i>Stuckenia pectinata</i>					sago pondweed	1-25	
T2	0-1	30	F	S	<i>Elodea canadensis</i>	Canada waterweed	25-50
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
					<i>Stuckenia pectinata</i>	sago pondweed	25-50
	1-2	50	F	-	<i>Elodea canadensis</i>	Canada waterweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	75-100
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
	2-3	60	F	S	<i>Stuckenia pectinata</i>	sago pondweed	25-50
					<i>Elodea canadensis</i>	Canada waterweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	50-75
	3-4	60	F	S	<i>Spirodela polyrhiza</i>	larger duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	25-50
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
	4-5	80	F	S/C	<i>Stuckenia pectinata</i>	sago pondweed	1-25
					<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
	5-6	80	F	S	<i>Stuckenia pectinata</i>	sago pondweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
<i>Potamogeton richardsonii</i>					Richardson's pondweed	1-25	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T2	6-7	70	F	S	<i>Stuckenia pectinata</i>	sago pondweed	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	25-50
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	7-8	50	F	S	<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	25-50
	8-9	30	F	S	<i>Myriophyllum sibiricum</i>	northern watermilfoil	75-100
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	9-10	40	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	75-100
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
T3	0-1	20	S	F	<i>Elodea canadensis</i>	Canada waterweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	25-50
	1-2	30	S	F	<i>Potamogeton richardsonii</i>	Richardson's pondweed	25-50
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	2-3	40	S	-	<i>Potamogeton richardsonii</i>	Richardson's pondweed	25-50
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	3-4	60	S	F	<i>Potamogeton richardsonii</i>	Richardson's pondweed	25-50
					<i>Stuckenia pectinata</i>	sago pondweed	25-50
	4-5	50	S	F	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	25-50

**Table G-8:** Aquatic vegetation surveys results at station M7 on September 15, 2017 and September 20, 2017.

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T1	0-1	60	F	-	<i>Phalaris arundinacea</i>	reed canary grass	1-25
	1-2	90	F	-	-	-	-
	2-3	110	F	-	-	-	-
	3-4	130	F	-	-	-	-
	4-5	180	F	S	-	-	-
	5-6	210	F	G	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
	6-7	220	F	S	-	-	-
	7-8	250	F	-	-	-	-
	8-9	260	F	-	-	-	-
	9-10	270	F	-	-	-	-
	10-11	250	F	-	-	-	-
	11-12	240	F	-	-	-	-
	12-13	200	F	-	-	-	-
	13-14	140	F	S	-	-	-
	14-15	100	F	S	-	-	-
T2	0-1	50	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	1-25
					<i>Polygonum lapathifolium</i>	pale smartweed	1-25
	1-2	80	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
	2-3	80	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
	3-4	90	F	S	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
	4-5	100	F	S	<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	50-75
	5-6	110	F	-	<i>Spirodela polyrhiza</i>	larger duckweed	1-25
					<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	75-100
	6-7	110	F	-	<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
	7-8	150	F	S/G	<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
	8-9	150	F	S	-	-	-
9-10	150	F	S	-	-	-	
10-11	110	F	-	-	-	-	
11-12	70	F	-	-	-	-	
12-13	30	F	-	-	-	-	
T3	0-1	20	F	S	<i>Lemna minor</i>	common duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	25-50
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
	1-2	70	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	50-75

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T3	2-3	110	F	-	<i>Spirodela polyrhiza</i>	larger duckweed	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	50-75
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
	3-4	130	F	C	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	25-50
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	50-75
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	4-5	160	F	C	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
	5-6	170	F	C	<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
	6-7	170	F	C	-	-	-
	7-8	180	F	C	-	-	-
	8-9	160	F	C	-	-	-
	9-10	130	F	-	-	-	-
10-11	100	F	-	<i>Lemna minor</i>	common duckweed	1-25	
				<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25	
				<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25	
				<i>Spirodela polyrhiza</i>	larger duckweed	1-25	
11-12	80	F	-	<i>Lemna minor</i>	common duckweed	1-25	
				<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25	
				<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25	
				<i>Spirodela polyrhiza</i>	larger duckweed	1-25	
				<i>Stuckenia pectinata</i>	sago pondweed	1-25	

**Table G-9:** Aquatic vegetation surveys results at station M8 on September 11, 2017.

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T1	0-1	10	F	-	<i>Lemna minor</i>	common duckweed	25-50
					<i>Phalaris arundinacea</i>	reed canary grass	50-75
					<i>Salix spp</i>	willow spp.	1-25
					<i>Scirpus microcarpus</i>	small-fruited bulrush	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	25-50
					<i>Typha latifolia</i>	common cattail	1-25
	1-2	20	F	-	<i>Lemna minor</i>	common duckweed	25-50
					<i>Phalaris arundinacea</i>	reed canary grass	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	25-50
					<i>Typha latifolia</i>	common cattail	25-50
	2-3	50	F	-	<i>Equisetum fluviatile</i>	common scouring-rush	1-25
					<i>Lemna minor</i>	common duckweed	50-75
					<i>Spirodela polyrhiza</i>	larger duckweed	50-75
					<i>Typha latifolia</i>	common cattail	75-100
	3-4	80	F	-	<i>Lemna minor</i>	common duckweed	50-75
					<i>Spirodela polyrhiza</i>	larger duckweed	50-75
					<i>Typha latifolia</i>	common cattail	50-75
	4-5	70	F	-	<i>Lemna minor</i>	common duckweed	50-75
					<i>Spirodela polyrhiza</i>	larger duckweed	50-75
					<i>Typha latifolia</i>	common cattail	25-50
	5-6	80	F	-	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	75-100
					<i>Phalaris arundinacea</i>	reed canary grass	1-25
<i>Spirodela polyrhiza</i>					larger duckweed	1-25	
6-7	80	F	-	<i>Ceratophyllum demersum</i>	coontail	25-50	
				<i>Lemna minor</i>	common duckweed	1-25	
				<i>Myriophyllum sibiricum</i>	northern watermilfoil	50-75	
				<i>Spirodela polyrhiza</i>	larger duckweed	1-25	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T1	7-8	80	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	50-75
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	8-9	80	F	S	<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	50-75
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
	9-10	80	F	S	<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	50-75
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
	10-11	80	F	S	<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	75-100
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
	11-12	80	OM	F/S	<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	75-100
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
12-13	80	OM	F	<i>Ceratophyllum demersum</i>	coontail	50-75	
				<i>Lemna minor</i>	common duckweed	1-25	
				<i>Myriophyllum sibiricum</i>	northern watermilfoil	75-100	
				<i>Spirodela polyrhiza</i>	larger duckweed	1-25	
13-14	80	OM	F	<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25	
14-15	130	OM	F	-	-	-	
15-16	150	G	-	-	-	-	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T1	16-17	150	G	-	-	-	-
	17-18	150	*too deep	-	<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
	18-19	150	G	-	-	-	-
	19-20	160	G	-	-	-	-
	20-21	160	G	-	-	-	-
	21-22	160	G	-	-	-	-
	22-23	150	G	-	-	-	-
	23-24	?	G	F	<i>Hippuris vulgaris</i>	common maretail	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
	24-25	100	G	F	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Hippuris vulgaris</i>	common maretail	25-50
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
	25-26	50	F	S	<i>Carex utriculata</i>	small bottle sedge	1-25
					<i>Hippuris vulgaris</i>	common maretail	25-50
<i>Lemna minor</i>					common duckweed	1-25	
<i>Phalaris arundinacea</i>					reed canary grass	25-50	
<i>Scirpus microcarpus</i>					small-fruited bulrush	1-25	
<i>Spirodela polyrhiza</i>					larger duckweed	1-25	
T2	0-1	30	F	S	<i>Aster spp</i>	Aster spp	1-25
					<i>Carex lasiocarpa</i>	hairy-fruit sedge	1-25
					<i>Equisetum fluviatile</i>	common scouring-rush	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	75-100
					<i>Salix spp</i>	willow spp.	25-50
					<i>Scirpus microcarpus</i>	small-fruited bulrush	1-25
	1-2	70	F	S	<i>Algae</i>	Algae	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	1-25
					<i>Salix spp</i>	willow spp.	1-25
<i>Scirpus microcarpus</i>	small-fruited bulrush	1-25					



Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T2					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
	2-3	120	F/S	G	<i>Lemna minor</i>	common duckweed	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
	3-4	100	S	G	-	-	-
	4-5	120	S	G	<i>Aquatic moss (Spp?)</i>	Aquatic moss (Spp?)	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
	5-6	130	S	G	<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
	6-7	130	S	G	<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
	7-8	110	F	G	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	25-50
	8-9	110	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	50-75
	9-10	110	F	S	<i>Aquatic moss (Spp?)</i>	Aquatic moss (Spp?)	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	50-75
	10-11	110	F	S/G	<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
<i>Typha latifolia</i>					common cattail	1-25	
11-12	120	F	S/G	<i>Ceratophyllum demersum</i>	coontail	25-50	
				<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50	
				<i>Stuckenia pectinata</i>	sago pondweed	1-25	
12-13	130	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25	
				<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25	
13-14	140	F	S	-	-	-	
14-15	140	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25	
15-16	130	F	S	-	-	-	
16-17	130	G	F	-	-	-	
17-18	130	G	F	-	-	-	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T2	18-19	140	G	F	-	-	-
	19-20	150	G	F	-	-	-
	20-21	140	G	F	-	-	-
	21-22	130	G	S	-	-	-
	22-23	130	F	G	-	-	-
	23-24	110	F	G	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Hippuris vulgaris</i>	common maretail	50-75
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	24-25	80	OM	F	<i>Hippuris vulgaris</i>	common maretail	75-100
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	1-25
	25-26	50	F	-	<i>Carex aquatilis</i>	water sedge	1-25
					<i>Hippuris vulgaris</i>	common maretail	50-75
					<i>Phalaris arundinacea</i>	reed canary grass	1-25
<i>Salix spp</i>					willow spp.	1-25	
<i>Scirpus microcarpus</i>					small-fruited bulrush	1-25	
T3	0-1	30	OM	F	<i>Equisetum fluviatile</i>	common scouring-rush	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	50-75
					<i>Salix spp</i>	willow spp.	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
					<i>Typha latifolia</i>	common cattail	50-75
	1-2	30	OM	F	<i>Lemna minor</i>	common duckweed	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
					<i>Typha latifolia</i>	common cattail	75-100
	2-3	40	OM	F	<i>Lemna minor</i>	common duckweed	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	1-25
<i>Spirodela polyrhiza</i>					larger duckweed	1-25	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T3	3-4	50	OM	F	<i>Typha latifolia</i>	common cattail	75-100
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
	4-5	50	OM	F	<i>Typha latifolia</i>	common cattail	75-100
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
	5-6	80	OM	F	<i>Typha latifolia</i>	common cattail	75-100
					<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	50-75
	6-7	80	OM	F	<i>Typha latifolia</i>	common cattail	1-25
					<i>Ceratophyllum demersum</i>	coontail	25-50
	7-8	90	OM	F	<i>Myriophyllum sibiricum</i>	northern watermilfoil	50-75
	8-9	100	F	G	<i>Myriophyllum sibiricum</i>	northern watermilfoil	50-75
	9-10	100	F	S	<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
					<i>Ceratophyllum demersum</i>	coontail	1-25
	10-11	110	F	S/G	<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
<i>Ceratophyllum demersum</i>					coontail	1-25	
11-12	120	S	G	<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50	
				<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25	
				<i>Ceratophyllum demersum</i>	coontail	1-25	
12-13	120	S	G	<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25	
13-14	120	S	G	-	-	-	
14-15	130	S	G	-	-	-	
15-16	120	S	F	-	-	-	
16-17	130	S	F	<i>Sparganium eurycarpum</i>	giant bur-reed	1-25	
17-18	140	S	F	-	-	-	
18-19	150	F	S	-	-	-	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T3	19-20	150	S	G	-	-	-
	20-21	160	S	F	-	-	-
	21-22	160	G	S	-	-	-
	22-23	140	G	S	<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
	23-24	110	G	S	<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
	24-25	110	G	S	<i>Hippuris vulgaris</i>	common maretail	25-50
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
	25-26	90	F	G	<i>Lemna minor</i>	common duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	50-75
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
	26-27	60	F	G	<i>Carex aquatilis</i>	water sedge	1-25
					<i>Carex utriculata</i>	small bottle sedge	1-25
					<i>Hippuris vulgaris</i>	common maretail	50-75
					<i>Lemna minor</i>	common duckweed	25-50
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
<i>Phalaris arundinacea</i>					reed canary grass	25-50	
<i>Salix spp</i>					willow spp.	1-25	
<i>Scirpus microcarpus</i>					small-fruited bulrush	1-25	
<i>Spirodela polyrhiza</i>	larger duckweed	25-50					

Table G-10: Aquatic vegetation surveys results at station M9 on August 31, 2017.

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T1	0-2	105	F	-	<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T1	2-4	95	F	-	<i>Stuckenia pectinata</i>	sago pondweed	1-25
					<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
	4-6	100	F	-	<i>Stuckenia pectinata</i>	sago pondweed	1-25
					<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
	6-8	115	F	-	<i>Stuckenia pectinata</i>	sago pondweed	1-25
					<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
	8-10	110	F	-	<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
	10-12	110	F	-	<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
	12-14	115	F	-	<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	1-25
<i>Lemna trisulca</i>					ivy-leaved duckweed	1-25	
14-16	110	F	S	<i>Stuckenia pectinata</i>	sago pondweed	50-75	
				<i>Ceratophyllum demersum</i>	coontail	50-75	
				<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25	
16-18	120	F	S	<i>Stuckenia pectinata</i>	sago pondweed	50-75	
				<i>Ceratophyllum demersum</i>	coontail	50-75	
				<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T1	18-20	115	F	S	<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	20-22	130	F	S	<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	22-24	115	F	S	<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	24-26	120	F	S	<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	26-28	120	F	S	<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	28-30	120	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	30-32	125	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	32-34	115	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
34-36	115	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25	
				<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25	
				<i>Stuckenia pectinata</i>	sago pondweed	50-75	
36-38	120	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25	
				<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T1	38-40	110	F	-	<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
	40-42	110	F	-	<i>Stuckenia pectinata</i>	sago pondweed	25-50
					<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
	42-44	115	F	-	<i>Stuckenia pectinata</i>	sago pondweed	25-50
					<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
	44-46	105	F	-	<i>Stuckenia pectinata</i>	sago pondweed	25-50
					<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
	46-48	110	F	-	<i>Stuckenia pectinata</i>	sago pondweed	1-25
					<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
	48-50	100	F	S	<i>Stuckenia pectinata</i>	sago pondweed	1-25
					<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
Left shore Cattail 8 m width	50-95	F	S	<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25	
				<i>Stuckenia pectinata</i>	sago pondweed	1-25	
				<i>Carex atherodes</i>	awned sedge	1-25	
				<i>Lemna minor</i>	common duckweed	75-100	
				<i>Scirpus acutus</i>	hard-stemmed bulrush	25-50	
				<i>Sparganium eurycarpum</i>	giant bur-reed	25-50	
<i>Spirodela polyrhiza</i>	larger duckweed	1-25					
				<i>Typha latifolia</i>	common cattail	50-75	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T2	0-2	115	F	S	<i>Ceratophyllum demersum</i>	coontail	75-100
					<i>Lemna minor</i>	common duckweed	1-25
T2	0-2	115	F	S	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
T2	2-4	105	F	S	<i>Stuckenia pectinata</i>	sago pondweed	25-50
					<i>Ceratophyllum demersum</i>	coontail	75-100
T2	2-4	105	F	S	<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
T2	2-4	105	F	S	<i>Spirodela polyrhiza</i>	larger duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	25-50
T2	4-6	100	F	-	<i>Ceratophyllum demersum</i>	coontail	75-100
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
T2	4-6	100	F	-	<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	75-100
T2	6-8	105	F	-	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
T2	6-8	105	F	-	<i>Ceratophyllum demersum</i>	coontail	75-100
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
T2	8-10	100	F	-	<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	75-100
T2	8-10	100	F	-	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
T2	10-12	110	F	-	<i>Ceratophyllum demersum</i>	coontail	75-100
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
T2	10-12	110	F	-	<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	75-100
T2	12-14	110	F	-	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
T2	12-14	110	F	-	<i>Ceratophyllum demersum</i>	coontail	75-100
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
T2	12-14	110	F	-	<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	75-100
T2	14-16	105	F	-	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
T2	14-16	105	F	-	<i>Ceratophyllum demersum</i>	coontail	75-100
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
T2	14-16	105	F	-	<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	75-100
T2	16-18	120	F	-	<i>Ceratophyllum demersum</i>	coontail	75-100



Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T2					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	18-20	110	F	-	<i>Ceratophyllum demersum</i>	coontail	75-100
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	50-75
	20-22	110	F	-	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
	22-24	115	F	-	<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	24-26	120	F	-	<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	1-25
	26-28	115	F	S	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	1-25
<i>Lemna trisulca</i>					ivy-leaved duckweed	1-25	
28-30	125	F	S	<i>Stuckenia pectinata</i>	sago pondweed	50-75	
				<i>Ceratophyllum demersum</i>	coontail	1-25	
				<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25	
				<i>Stuckenia pectinata</i>	sago pondweed	50-75	
30-32	125	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25	
				<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25	
				<i>Stuckenia pectinata</i>	sago pondweed	50-75	
				<i>Ceratophyllum demersum</i>	coontail	1-25	
32-34	130	F	S	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25	
				<i>Stuckenia pectinata</i>	sago pondweed	50-75	
				<i>Ceratophyllum demersum</i>	coontail	25-50	
				<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25	
34-36	120	F	S	<i>Stuckenia pectinata</i>	sago pondweed	25-50	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T2	36-38	130	F	S	<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	25-50
	38-40	115	F	S	<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	25-50
	40-42	115	F	-	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	42-44	110	F	-	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	44-46	110	F	-	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	25-50
	46-48	110	F	-	<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
48-50	105	F	-	<i>Ceratophyllum demersum</i>	coontail	50-75	
				<i>Lemna minor</i>	common duckweed	1-25	
				<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25	
				<i>Stuckenia pectinata</i>	sago pondweed	50-75	
50-52	100	F	-	<i>Ceratophyllum demersum</i>	coontail	50-75	
				<i>Lemna minor</i>	common duckweed	1-25	
				<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25	
				<i>Stuckenia pectinata</i>	sago pondweed	50-75	
52-54	100	F	-	<i>Ceratophyllum demersum</i>	coontail	50-75	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T2					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	54-56	100	F	S	<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	56-58	100	F	S	<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	Left shore robust 12 m width	35-100	F	-	<i>Carex atherodes</i>	awned sedge	1-25
					<i>Lemna minor</i>	common duckweed	50-75
					<i>Phalaris arundinacea</i>	reed canary grass	1-25
					<i>Scirpus acutus</i>	hard-stemmed bulrush	25-50
					<i>Sparganium eurycarpum</i>	giant bur-reed	25-50
					<i>Spirodela polyrhiza</i>	larger duckweed	50-75
	Left shore wet meadow 20 m width	0-35	F	-	<i>Typha latifolia</i>	common cattail	50-75
<i>Carex atherodes</i>					awned sedge	50-75	
<i>Lemna minor</i>					common duckweed	50-75	
<i>Phalaris arundinacea</i>					reed canary grass	25-50	
Right shore robust 14 m width	30-90	F	-	<i>Polygonum coccineum</i>	water smartweed	1-25	
				<i>Lemna minor</i>	common duckweed	50-75	
				<i>Phalaris arundinacea</i>	reed canary grass	1-25	
				<i>Polygonum coccineum</i>	water smartweed	1-25	
					<i>Scirpus acutus</i>	hard-stemmed bulrush	25-50

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T2	Right shore wet meadow 8 m width	0-20	F	-	<i>Sparganium eurycarpum</i>	giant bur-reed	25-50
					<i>Spirodela polyrhiza</i>	larger duckweed	50-75
					<i>Typha latifolia</i>	common cattail	25-50
					<i>Cirsium arvense</i>	creeping thistle	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	75-100
					<i>Polygonum coccineum</i>	water smartweed	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
T3	Right shore Wet meadow	5-30	F	-	<i>Bidens cernua</i>	nodding beggartick	1-25
					<i>Cirsium arvense</i>	creeping thistle	1-25
					<i>Lemna minor</i>	common duckweed	25-50
					<i>Phalaris arundinacea</i>	reed canary grass	75-100
					<i>Polygonum coccineum</i>	water smartweed	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	25-50
	Right shore cattail 10m wide	30-100	F/S	-	<i>Lemna minor</i>	common duckweed	50-75
					<i>Phalaris arundinacea</i>	reed canary grass	1-25
					<i>Scirpus acutus</i>	hard-stemmed bulrush	25-50
					<i>Sparganium eurycarpum</i>	giant bur-reed	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	50-75
					<i>Typha latifolia</i>	common cattail	50-75
	0-2	90	F	S	<i>Ceratophyllum demersum</i>	coontail	75-100
					<i>Lemna minor</i>	common duckweed	25-50
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	25-50
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	2-4	100	F	S	<i>Ceratophyllum demersum</i>	coontail	75-100
<i>Lemna minor</i>					common duckweed	1-25	
<i>Lemna trisulca</i>					ivy-leaved duckweed	25-50	
<i>Spirodela polyrhiza</i>					larger duckweed	1-25	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T3	4-6	110	F	S	<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	75-100
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	25-50
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
	6-8	110	F	-	<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
	8-10	105	F	-	<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
	10-12	110	F	-	<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
	12-14	105	F	-	<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
	14-16	120	F	-	<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
	16-18	115	F	-	<i>Stuckenia pectinata</i>	sago pondweed	50-75
<i>Ceratophyllum demersum</i>					coontail	50-75	
<i>Lemna trisulca</i>					ivy-leaved duckweed	1-25	
18-20	110	F	S	<i>Stuckenia pectinata</i>	sago pondweed	1-25	
				<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25	
				<i>Lemna minor</i>	common duckweed	1-25	
				<i>Ceratophyllum demersum</i>	coontail	50-75	
20-22	115	F	S	<i>Ceratophyllum demersum</i>	coontail	50-75	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T3					<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	22-24	115	F	S	<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
	24-26	130	F	S	<i>Stuckenia pectinata</i>	sago pondweed	1-25
					<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna minor</i>	common duckweed	1-25
	26-28	125	F	S	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	25-50
	28-30	120	F	S	<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Ceratophyllum demersum</i>	coontail	25-50
	30-32	115	F	S	<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Ceratophyllum demersum</i>	coontail	25-50
	32-34	110	F	-	<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	25-50
					<i>Ceratophyllum demersum</i>	coontail	1-25
34-36	120	F	-	<i>Stuckenia pectinata</i>	sago pondweed	50-75	
				<i>Lemna trisulca</i>	ivy-leaved duckweed	25-50	
				<i>Ceratophyllum demersum</i>	coontail	1-25	
36-38	110	F	-	<i>Stuckenia pectinata</i>	sago pondweed	25-50	
				<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25	
				<i>Ceratophyllum demersum</i>	coontail	25-50	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T3	38-40	115	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
	40-42	110	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	42-44	105	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	44-46	120	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	46-48	115	F	-	<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	48-50	105	F	-	<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
Left shore cattail 10 m wide	60-100	F	-	<i>Ceratophyllum demersum</i>	coontail	1-25	
				<i>Lemna minor</i>	common duckweed	25-50	
				<i>Scirpus acutus</i>	hard-stemmed bulrush	25-50	
				<i>Spirodela polyrhiza</i>	larger duckweed	25-50	
Left shore burreed 7 m wide	40-45	F	S	<i>Typha latifolia</i>	common cattail	75-100	
				<i>Lemna minor</i>	common duckweed	50-75	
				<i>Phalaris arundinacea</i>	reed canary grass	25-50	
				<i>Sparganium eurycarpum</i>	giant bur-reed	50-75	
					<i>Spirodela polyrhiza</i>	larger duckweed	50-75

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T3	Left shore wet meadow 10 m wide	10-30	F	S	<i>Carex atherodes</i>	awned sedge	25-50
					<i>Lemna minor</i>	common duckweed	50-75
					<i>Phalaris arundinacea</i>	reed canary grass	25-50
					<i>Polygonum coccineum</i>	water smartweed	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	50-75

**Table G-11:** Aquatic vegetation surveys results at station M10 on September 13, 2017.

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T1	0-1	70	F	-	<i>Cornus stolonifera</i>	red osier dogwood	1-25
					<i>Lemna minor</i>	common duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	25-50
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
					<i>Salix spp</i>	willow spp.	1-25
	1-2	110	F	-	<i>Spirodela polyrhiza</i>	larger duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
	2-3	120	F	-	<i>Sagittaria cuneata</i>	arum-leaved arrowhead	25-50
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
	3-4	140	F	-	<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	25-50
<i>Lemna trisulca</i>					ivy-leaved duckweed	1-25	
<i>Myriophyllum sibiricum</i>					northern watermilfoil	25-50	
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	25-50



T1	4-5	150	F	S	<i>Lemna trisulca</i>	ivy-leaved duckweed	25-50
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
	5-6	170	F/S	G	<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	25-50
	6-7	180	F/S	G	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	25-50
	7-8	180	F/S	G	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	50-75
	8-9	170	F	G	<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	50-75
	9-10	160	F	G	<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
<i>Potamogeton richardsonii</i>					Richardson's pondweed	50-75	
10-11	150	S	G	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25	
				<i>Potamogeton richardsonii</i>	Richardson's pondweed	25-50	
11-12	100	S	F	<i>Ceratophyllum demersum</i>	coontail	25-50	
				<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25	
				<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25	
				<i>Sagittaria cuneata</i>	arum-leaved arrowhead	25-50	
				<i>Stuckenia pectinata</i>	sago pondweed	1-25	
T2	0-1	90	F	-	<i>Cornus stolonifera</i>	red osier dogwood	25-50
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	25-50
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
	1-2	110	F	-	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
	2-3	120	F	-	<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25

T2	3-4	130	F	G	<i>Stuckenia pectinata</i>	sago pondweed	25-50
					<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	25-50
	4-5	150	F	G	<i>Stuckenia pectinata</i>	sago pondweed	1-25
					<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
	5-6	160	F	G	<i>Stuckenia pectinata</i>	sago pondweed	25-50
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
	6-7	160	F	G	<i>Potamogeton richardsonii</i>	Richardson's pondweed	50-75
	7-8	180	G	S	<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
	8-9	180	S	G	<i>Potamogeton richardsonii</i>	Richardson's pondweed	25-50
	9-10	160	F	S	<i>Potamogeton richardsonii</i>	Richardson's pondweed	25-50
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
	10-11	150	F/S	G	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	50-75
	11-12	130	F/S	G	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
<i>Potamogeton richardsonii</i>					Richardson's pondweed	25-50	
<i>Sagittaria cuneata</i>					arum-leaved arrowhead	25-50	
<i>Stuckenia pectinata</i>					sago pondweed	1-25	
12-13	90	F/S	G	<i>Ceratophyllum demersum</i>	coontail	25-50	
				<i>Glyceria borealis</i>	northern manna grass	1-25	
				<i>Lemna minor</i>	common duckweed	1-25	
				<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25	
				<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25	
				<i>Sagittaria cuneata</i>	arum-leaved arrowhead	25-50	
				<i>Sium suave</i>	common waterparsnip	1-25	
<i>Spirodela polyrhiza</i>	larger duckweed	1-25					
13-14	40	F	-	<i>Lemna minor</i>	common duckweed	1-25	

					<i>Phalaris arundinacea</i>	reed canary grass	50-75
					<i>Scirpus microcarpus</i>	small-fruited bulrush	1-25
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25
					<i>Cornus stolonifera</i>	red osier dogwood	25-50
	0-1	30	F/G	-	<i>Phalaris arundinacea</i>	reed canary grass	50-75
					<i>Polygonum coccineum</i>	water smartweed	1-25
	1-2	120	F/G	-	<i>Phalaris arundinacea</i>	reed canary grass	1-25
	2-3	150	F/G	-	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
	3-4	170	F/G	C	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	25-50
	4-5	190	F/S	G	<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	5-6	200	F/S	G	<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
	6-7	210	F/S	-	*too deep to rake	-	-
	7-8	220	F/S	-	-	-	-
	8-9	210	F/S	-	-	-	-
T3	9-10	190	F/S	-	-	-	-
	10-11	150	F/S	-	<i>Ceratophyllum demersum</i>	coontail	50-75
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	25-50
	11-12	120	F/S	-	<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
					<i>Phalaris arundinacea</i>	reed canary grass	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	25-50
	12-13	50	F/S	-	<i>Lemna minor</i>	common duckweed	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	75-100
					<i>Spirodela polyrhiza</i>	larger duckweed	1-25

Table G-12: Aquatic vegetation surveys results at station M11 on August 28, 2017 and September 1, 2017.

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T1	0-1	20	F	G	<i>Eleocharis palustris</i>	creeping spike-rush	1-25
					<i>Glyceria spp.</i>	mannagrass spp.	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
	1-2	55	F/S	G	<i>Phalaris arundinacea</i>	reed canary grass	1-25
	2-3	85	F/S	G	-	-	-
	3-4	100	F/S	G	<i>Ceratophyllum demersum</i>	coontail	1-25
	4-5	120	F/S	G	-	-	-
	5-6	130	F/S	G	-	-	-
	6-7	110	F/S	G	-	-	-
	7-8	105	F/S	-	-	-	-
	8-9	105	F/S	-	<i>Ceratophyllum demersum</i>	coontail	1-25
	9-10	100	F/S	-	-	-	-
	10-11	90	S/F	G	<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
11-12	65	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25	
				<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25	
12-13	35	F	S	<i>Ceratophyllum demersum</i>	coontail	25-50	
				<i>Equisetum fluviatile</i>	common scouring-rush	25-50	
				<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50	
				<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25	
				<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25	
T2	0-1	40	F	S	<i>Sparganium eurycarpum</i>	giant bur-reed	1-25
	1-2	120	S	F	-	-	-
	2-3	130	S	F	-	-	-
	3-4	135	S	F	<i>Ceratophyllum demersum</i>	coontail	1-25
	4-5	140	S	F	-	-	-
T2	5-6	130	S	F	-	-	-
	6-7	125	S	F	-	-	-

	7-8	85	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
	8-9	70	F	S	<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
	9-10	50	F	S	<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
	10-11	50	F	S	<i>Glyceria grandis</i>	common tall manna grass	1-25
					<i>Hippuris vulgaris</i>	common maretail	1-25
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
					<i>Sparganium eurycarpum</i>	giant bur-reed	1-25
	11-12	20	F	S	<i>Glyceria grandis</i>	common tall manna grass	25-50
					<i>Hippuris vulgaris</i>	common maretail	1-25
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
	12-13	15	F	S	<i>Glyceria grandis</i>	common tall manna grass	1-25
					<i>Hippuris vulgaris</i>	common maretail	1-25
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
	13-14	15	F	S	<i>Eleocharis spp.</i>	spike-rush spp.	1-25
					<i>Glyceria grandis</i>	common tall manna grass	25-50
					<i>Hippuris vulgaris</i>	common maretail	1-25
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
<i>Sparganium angustifolium</i>					narrow-leaved bur-reed	1-25	
<i>Sparganium eurycarpum</i>					giant bur-reed	1-25	
14-15	15	F	S	<i>Glyceria grandis</i>	common tall manna grass	1-25	
				<i>Hippuris vulgaris</i>	common maretail	1-25	
				<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25	
				<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25	
15-16	10	F	S	<i>Alisma triviale</i>	northern water plantain	1-25	
				<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25	
				<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25	
T3 T3	0-1	25	F/S	-	<i>Carex spp.</i>	sedge spp.	1-25
					<i>Equisetum spp.</i>	Equisetum spp.	1-25

					<i>Hippuris vulgaris</i>	common maretail	1-25
1-2	80	F	S		<i>Hippuris vulgaris</i>	common maretail	1-25
2-3	90	F/S	G		-	-	-
3-4	110	F/S	G		-	-	-
4-5	105	F/S	G/C		-	-	-
5-6	100	F/S	G		-	-	-
6-7	95	F/S	G		-	-	-
7-8	90	S	F		-	-	-
8-9	80	S	F		<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Hippuris vulgaris</i>	common maretail	1-25
9-10	70	S	F		-	-	-
10-11	55	S	F		<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	25-50
11-12	60	F/S	-		<i>Ceratophyllum demersum</i>	coontail	25-50
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
12-13	60	F/S	-		<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
13-14	50	F/S	-		<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
14-15	50	F/S	-		<i>Hippuris vulgaris</i>	common maretail	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	50-75
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	25-50
15-16	30	F	S		<i>Glyceria grandis</i>	common tall manna grass	1-25
					<i>Hippuris vulgaris</i>	common maretail	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
16-17	20	F/S	-		<i>Eleocharis palustris</i>	creeping spike-rush	1-25

T3					<i>Equisetum fluviatile</i>	common scouring-rush	1-25
					<i>Glyceria grandis</i>	common tall manna grass	25-50
					<i>Hippuris vulgaris</i>	common maretail	1-25
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
					<i>Scirpus acutus</i>	hard-stemmed bulrush	1-25
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
	17-18	10	F/S	-	<i>Sparganium eurycarpum</i>	giant bur-reed	1-25
					<i>Equisetum fluviatile</i>	common scouring-rush	25-50
					<i>Glyceria grandis</i>	common tall manna grass	25-50
					<i>Hippuris vulgaris</i>	common maretail	1-25
				<i>Sparganium eurycarpum</i>	giant bur-reed	1-25	

**Table G-13:** Aquatic vegetation surveys results at station M12 on September 13, 2017.

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T1	0-1	10	B	S	<i>Scirpus microcarpus</i>	small-fruited bulrush	25-50
					<i>Hippuris vulgaris</i>	common maretail	1-25
					<i>Equisetum hyemale</i>	scouring rush	1-25
					<i>Bidens cernua</i>	nodding beggartick	1-25
					<i>Equisetum fluviatile</i>	swamp horsetail	1-25
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
					<i>Lemna minor</i>	common duckweed	1-25
T1	1-2	20	B	S	<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
					<i>Equisetum hyemale</i>	scouring rush	1-25
	2-3	30	B	-	<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
				<i>Potamogeton friesii</i>	Frie's pondweed	1-25	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
	3-4	20	B	-	<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	4-5	25	B	-	<i>Aquatic moss (Spp?)</i>	Aquatic moss (Spp?)	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	25-50
	5-6	30	B	SmG	<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
	6-7	40	B	SmG	<i>Stuckenia pectinata</i>	sago pondweed	1-25
					<i>Aquatic moss (Spp?)</i>	Aquatic moss (Spp?)	1-25
	7-8	40	B	SmG	<i>Stuckenia pectinata</i>	sago pondweed	1-25
	8-9	55	B	-	<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
	9-10	45	B	-	<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
					<i>Aquatic moss (Spp?)</i>	Aquatic moss (Spp?)	1-25
	10-11	50	B	-	<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	11-12	30	B	-	<i>Stuckenia pectinata</i>	sago pondweed	1-25
					<i>Aquatic moss (Spp?)</i>	Aquatic moss (Spp?)	1-25
	12-13	20	B	S	<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
					<i>Aquatic moss (Spp?)</i>	Aquatic moss (Spp?)	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	13-14	20	B	S	<i>Stuckenia pectinata</i>	sago pondweed	25-50
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
<i>Myriophyllum sibiricum</i>					northern watermilfoil	1-25	
<i>Sparganium angustifolium</i>					narrow-leaved bur-reed	1-25	
<i>Glyceria borealis</i>					northern manna grass	1-25	
<i>Scirpus microcarpus</i>					small-fruited bulrush	1-25	
<i>Juncus balticus</i>					baltic rush	1-25	
<i>Hippuris vulgaris</i>	common maretail	1-25					
T2	0-1	12	F	S	<i>Bidens cernua</i>	nodding beggartick	1-25
					<i>Equisetum hyemale</i>	scouring rush	1-25
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
					<i>Lemna minor</i>	common duckweed	1-25



Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
T2					<i>Spirodela polyrhiza</i>		1-25
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
	1-2	35	F	S	<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	25-50
					<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
					<i>Equisetum hyemale</i>	scouring rush	1-25
	2-3	55	F	S	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	50-75
					<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	25-50
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
	3-4	55	F	S	<i>Sagittaria cuneata</i>	arum-leaved arrowhead	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	75-100
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
	4-5	60	S	F	<i>Stuckenia pectinata</i>	sago pondweed	75-100
					<i>Potamogeton richardsonii</i>	Richardson's pondweed	1-25
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
	5-6	60	S	F	<i>Stuckenia pectinata</i>	sago pondweed	75-100
					<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
	6-7	55	S	C	<i>Stuckenia pectinata</i>	sago pondweed	75-100
	7-8	70	SmG	C	<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	75-100
	8-9	90	SmG	B	<i>Potamogeton richardsonii</i>	Richardson's pondweed	25-50
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
<i>Stuckenia pectinata</i>					sago pondweed	50-75	
9-10	80	SmG	B	<i>Stuckenia pectinata</i>	sago pondweed	25-50	
10-11	60	SmG	LgG	<i>Stuckenia pectinata</i>	sago pondweed	1-25	
				<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25	
11-12	30	LgG	SmG	-	-	-	
12-13	20	SmG	S	-	-	-	
13-14	5	SmG	S	-	-	-	
14-15	10	SmG	S	<i>Phalaris arundinacea</i>	reed canary grass	1-25	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
	15-16	5	SmG	S	<i>Sparganium eurycarpum</i>	giant bur-reed	1-25
					<i>Bidens cernua</i>	nodding beggartick	1-25
					<i>Phalaris arundinacea</i>	reed canary grass	1-25
					<i>Equisetum fluviatile</i>	common scouring-rush	1-25
T3	0-1	40	S	C	<i>Eleocharis palustris</i>	creeping spike-rush	1-25
					<i>Equisetum fluviatile</i>	swamp horsetail	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25
	1-2	60	C	SmG	<i>Stuckenia pectinata</i>	sago pondweed	1-25
	2-3	70	C	G	<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
	3-4	60	C	B	<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	4-5	60	B	C	<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
	5-6	30	S	SmG	<i>Lemna trisulca</i>	ivy-leaved duckweed	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	50-75
	6-7	35	S	F	<i>Bidens cernua</i>	nodding beggartick	1-25
					<i>Eleocharis palustris</i>	creeping spike-rush	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
					<i>Sparganium eurycarpum</i>	giant bur-reed	1-25
	7-8	35	S	C	<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
					<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	1-25
	8-9	25	S	B	<i>Aquatic moss (Spp?)</i>	Aquatic moss (Spp?)	1-25
					<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
<i>Sparganium angustifolium</i>					narrow-leaved bur-reed	1-25	
<i>Ceratophyllum demersum</i>					coontail	1-25	
9-10	25	S	F	<i>Eleocharis palustris</i>	creeping spike-rush	1-25	
				<i>Myriophyllum sibiricum</i>	northern watermilfoil	1-25	
				<i>Ceratophyllum demersum</i>	coontail	1-25	
10-11	60	F	S	<i>Ceratophyllum demersum</i>	coontail	1-25	
				<i>Myriophyllum sibiricum</i>	northern watermilfoil	50-75	

Transect	Quadrat	Water Depth (cm)	Dominant Substrate	Second Dominant Substrate	Plant Species	Common Name	Cover (%)
					<i>Stuckenia pectinata</i>	sago pondweed	1-25
	11-12	50	S	B	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
	12-13	50	S	B	<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	25-50
	13-14	30	S	B	<i>Callitriche verna</i>	vernal water starwort	1-25
					<i>Ceratophyllum demersum</i>	coontail	1-25
					<i>Equisetum fluviatile</i>	swamp horsetail	1-25
					<i>Myriophyllum sibiricum</i>	northern watermilfoil	50-75
					<i>Scirpus microcarpus</i>	small-fruited bulrush	1-25
					<i>Stuckenia pectinata</i>	sago pondweed	1-25