

## 2016 Vegetation Survey

	Control (n =30)	Channel (n=184)	Potholes (n=128)
Total # of Species	27	69	52
# of Native Species	23	57	44
Mean C	3.63	3.37	3.45
<b>FQAI</b>	<b>20.43</b>	<b>30.76</b>	<b>27.02</b>
% natives	85%	83%	85%

Channel Quadrats 2016 Survey n=184

COC

Acer saccharinum	3.50
Alisma triviale	3.50
Apios americana	3.50
Asclepias incarnata	4.00
Azolla caroliniana	3.00
Bidens cernua	4.00
Bidens frondosa	2.00
Butomus umbellatus	0.00
Calamagrostis canadensis	5.00
Calystegia sepium	2.00
Carex comosa	4.50
Carex lacustris	6.50
Carex stricta	3.00
Ceratophyllum demersum	2.50
Chamerion angustifolium	3.00
Cicuta bulbifera	5.00
Cirsium arvense	0.00
Cuscuta spp.	4.00
Cyperus esculentus	1.00
Cyperus fuscus	0.00
Cyperus odoratus	7.00
Decodon verticillatus	7.50
Dichanthelium clandestinum	3.00
Eleocharis obtusa	3.50
Elodea canadensis	3.00
Elymus virginicus	6.70
Eupatorium spp.	2.50
Galium trifidum	5.00
Hibiscus moscheutos	7.00
Hydrocharis morsus-ranae	0.00
Impatiens capensis	2.00
Iris spp.	5.00
Juncus effusus	2.00
Lathyrus palustris	6.00
Lemna minor	2.00
Lemna trisulca	5.00
Lycopus americanus	3.00
Lycopus virginicus	4.50
Lythrum salicaria	0.00
Mentha arvensis	3.50
Myosotis scorpioides	0.00
Myriophyllum spicatum	0.00
Najas flexilis	4.00
Najas minor	0.00
Nymphaea odorata	4.50
Oxybasis glauca	3.00
Persicaria amphibia	6.00
Persicaria hydropiper	1.00
Persicaria hydropiperoides	4.00
Persicaria lapathifolia	0.00
Persicaria maculosa	0.00
Persicaria sagittata	4.00
Potamogeton crispus	0.00
Potamogeton folioses	3.50
Ranunculus aquatilis	5.00
Rhus typhina	2.00
Rorippa palustris	4.00
Rumex orbiculatus	4.50
Sagittaria latifolia	4.00
Schoenoplectus tabernaemontani	5.00
Scirpus fluviatilis	6.00
Scutellaria galericulata	5.00
Solanum dulcamara	2.00
Sparganium spp.	5.00
Stuckenia pectinata	5.50
Thelytrpis palustris	6.00
Typha x glauca	0.00
Utricularia vulgaris	6.00
Verbena hastata	4.00
Total Species Present	69
Native Species Present	57
Average C	3.37
FQAI	30.76
% natives	83%

Sedge Grass Meadow Species Removed, only species of restored area kept  
Algae and Fungi removed

Plants identified to genus, removed if another of same species was present, otherwise kept and assigned COC based on likely occurrence

Pothole Quadrat Survey 2016 N = 128 COC

Alisma triviale	3.50
Azolla caroliniana	3.00
Bidens cernua	4.00
Bidens frondosa	2.00
Calystegia sepium	2.00
Carex lacustris	6.50
Cephalanthus occidentalis	6.50
Ceratophyllum demersum	2.50
Chamerion angustifolium	3.00
Cicuta bulbifera	5.00
Cirsium arvense	0.00
Comarum palustre	6.50
Cuscuta spp.	4.00
Cyperus esculentus	1.00
Decodon verticillatus	7.50
Eleocharis obtusa	3.50
Elodea canadensis	3.00
Elymus virginicus	6.70
Gallium trifidum	5.00
Hydrocharis morsus-ranae	0.00
Impatiens capensis	2.00
Juncus canadensis	5.50
Juncus effusus	2.00
Lemna minor	2.00
Lemna trisulca	5.00
Lycopus americanus	3.00
Lycopus virginicus	4.50
Lythrum salicaria	0.00
Myriophyllum spicatum	0.00
Najas minor	0.00
Persicaria amphibia	6.00
Persicaria hydropiper	1.00
Persicaria hydropiperoides	4.00
Persicaria lapathifolia	0.00
Persicaria maculosa	0.00
Persicaria sagittata	4.00
Pontederia cordata	5.50
Potamogeton folioses	3.50
Ranunculus aquatilis	5.00
Rhus typhina	2.00
Rorippa palustris	4.00
Sagittaria latifolia	4.00
Schoenoplectus tabernaemontani	5.00
Scutellaria galericulata	5.00
Solanum dulcamara	2.00
Sparganium spp.	5.00
Stuckenia pectinata	5.50
Thelyptris palustris	6.00
Typha x glauca	0.00
Utricularia vulgaris	6.00
Verbena hastata	4.00
Vitis spp.	2.50
Total Richness	52
Native Richness	44
Average C	3.45
FQAI	27.02
% natives	85%

Sedge Grass Meadow Species Removed, only species of restored area kept  
Unknowns removed

Plants identified to genus, removed if another of same species was present,  
other wise kept and assigned COC based on likely occurrence

## Control Quadrats 2016 Survey n=30

## COC

Bidens frondosa	2.00
Calystegia sepium	2.00
Cicuta bulbifera	5.00
Decadon verticillatus	7.50
Galium trifidum	5.00
Hibiscus moscheutos	7.00
Hydrocharis morsus-ranae	0.00
Impatiens capensis	2.00
Juncus canadensis	5.50
Lathyrus palustris	6.00
Lemna minor	2.00
Lycopus virginicus	4.50
Lythrum salicaria	0.00
Mentha arvensis	3.50
Onoclea sensibilis	2.00
Persicaria amphibia	6.00
Persicaria hydropiper	1.00
Persicaria hydropiperoides	4.00
Phragmites australis	0.00
Sagittaria latifolia	4.00
Scirpus fluviatilis	6.00
Scutellaria galericulata	5.00
Solanum dulcamara	2.00
Thelyptris palustris	6.00
Triadenum fraseri	6.00
Typha x glauca	0.00
Verbena hastata	4.00
Total Richness	27
Native Richness	23
Average C	3.63
FQAI	20.43
% natives	85%

Sedge Grass Meadow Species Removed, only species of restored area kept  
Unknowns removed

Plants identified to genus, removed if another of same species was present, otherwise kept and assigned COC based on likely occurrence