

# **Appendix C**

## **Fish Collection Data**

**Amherst Island Boat Electrofishing Catch Results (Stantec and MNR Data)**

Stantec Results (2011)																	MNR LOMU Stations (2009)								
Station	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16		40	48	51	57	58	60	63	
Date	12-Jul	12-Jul	12-Jul	12-Jul	12-Jul	12-Jul	12-Jul	12-Jul	12-Jul	12-Jul	12-Jul	13-Jul	13-Jul	13-Jul	13-Jul	13-Jul		11-Aug-09	7-Aug-09	7-Aug-09	11-Aug-09	11-Aug-09	11-Aug-09	12-Aug-09	
Effort (sec)	267	370	297	315	364	330	440	382	284	333	329		259	646	364	505									
																	Total							Total	
Species																									
Yellow Perch	1		5	3	2	6	2	8	2	3	1				2	2	37		1	17	1			19	
Bluntnose Minnow	2	2	1				1									5	11							0	
Spottail Shiner	3		2														5							0	
Rock Bass	8	3	1		2		2	2	1		1			2		1	23			6	32			1	39
Round Goby	16	3	2	2	2	1	3	5	6		7	8	7	5	1	2	70								0
Bluegill	4							2							1	7	14								0
Blackchin Shiner	2										1						3								0
Banded Killifish	1			2													3								0
Common Carp		1	10														11								0
Freshwater Drum				2			1						1				4	4				1			5
Brown Bullhead						2		1									3	1			11		2		14
smallmouth bass								2								1	3	3	1		4				8
White Sucker									1								1	3	3	1			4	3	14
salmonidae sp YOY														2			2								0
largemouth bass																3	3	1							1
Bowfin																	0			1		1			2
Northern Pike																	0					1			1
Silver Redhorse																	0					1			1
Channel Catfish																	0						2		2
Pumpkinseed																	0					1			1
Walleye																	0			2					2

**Amherst Island Boat Electrofishing (Stantec - July 2011); Effort and Station Characteristics**

Method	Station	Substrate	Vegetation	Date	Effort (sec)
Boat Electrofishing	T1	Sand and gravel	Sparse	7/12/2011	267
	T2	Sand, silt, cobble, gravel	Weedbed and emergent	7/12/2011	370
	T3	Bedrock	Sparse and weedbed	7/12/2011	297
	T4	Sand, cobble, silt and gravel	Sparse and weedbed	7/12/2011	315
	T5	Cobble, sand, silt and gravel	Emergent and weedbed	7/12/2011	364
	T6	Cobble, silt, gravel and sand	Emergent and weedbed	7/12/2011	330
	T7	Cobble, sand and gravel	Sparse	7/12/2011	440
	T8	Sand, gravel and cobble	Sparse and weedbed	7/12/2011	382
	T9	Cobble, sand, silt and gravel	Weedbed, sparse and overhanging terrestrial veg	7/12/2011	284
	T10	Sand, cobble, silt and gravel	Sparse and weedbed	7/12/2011	333
	T11	Cobble, sand and gravel	Sparse and weedbed	7/12/2011	329
	T12	Sand, gravel cobble	Weedbed	7/13/2011	-
	T13	Cobble, sand and gravel	Sparse and overhanging terrestrial veg	7/13/2011	259
	T14	Sand, gravel and cobble	Sparse and overhanging terrestrial veg	7/13/2011	646
	T15	Cobble, sand and gravel	Sparse and overhanging terrestrial veg	7/13/2011	364
	T16	Cobble	Sparse, algae and emergent	7/13/2011	505

**Amherst Island Minnow Trap Catch Results (Stantec 2011)**

Location	MT1			MT2		MT3			MT4			MT5			MT6		MT20	Trap 21	Trap 22	Trap 23	Trap 24	Trap 25	Trap 26	Trap 27	Trap 28	Trap 29	Trap 30	Total	
	a	b	c	a	b	a	b	c	a	b	c	a	b	a	b														
Round Goby	12	30	12	3	no fish	12	no fish			3			2	8	14	55	62	72	15	31	28	42	36	25	60	19	541		
Yellow Perch						4			2	2	1	3								1				1				14	
Pumpkinseed										3		7					2												12
Rock Bass														2	1										1		1		5
Total	12	30	12	3		16			2	5	4	10	2	1	2	8	16	55	62	73	15	31	28	44	36	26	60	19	

**Amherst Island Gillnet, Fyke Net and Seine Net Catch Results (Stantec 2011)**

Method	Gill Net						Fyke Net					Seine Net		Total
Station	G1	G2	G3	G4	G5	G6	F1	F2	F3	F4	F5	S1	S2	
Rock Bass	No Catch	No Catch	No Catch	No Catch		No Catch	No Catch			2	2	1	No Catch	
Round Goby									2	2				
Freshwater Drum					1									
Largemouth Bass								1						
<b>Total</b>	-	-	-	-	1	-	-	1	2	4	2	1	-	11