

Table C.1: Summary of 2010 Stantec Electrofishing Surveys at Selected Watercourse Locations

Watershed / Creek ID	Date ^a	Effort (seconds)	Station Length (m)	Fish Captured	Water Quality (Temperature, Dissolved Oxygen)	Comments	Project Component
LONG POINT REGION CONSERVATION AUTHORITY							
Hemlock Creek							
Hem-c	25-Oct-10	312	60	Green Sunfish (1)	13.14°C, 5.98 mg/L		Collector Lines
				Central Mudminnow (1)			Collector Lines
				Brown Bullhead (1)			Collector Lines
Hem-e	25-Oct-10	176	40	Central Mudminnow (1)	14.31°C, 7.55 mg/L	Captured at culvert	Collector Lines
Wardells Creek							
Ward-b	19-Oct-10	167	40	Fathead Minnow (1)	12.9°C, 9.15 mg/L		Turbines
Ward-f	26-Oct-10	68	-	None	13.45°C, 6.70 mg/L		Collector Lines
Ward-h	25-Oct-10	71	25	Juvenile Largemouth Bass (1)	13.55°C, 6.98 mg/L		Collector Lines
				Brook Stickleback (1)			Collector Lines
Ward-k				Fathead Minnow (1)	9.93°C, 8.19 mg/L		Collector Lines
				Juvenile Largemouth Bass (1)			Collector Lines
				Common Shiner (1)			Collector Lines
Evans Creek							
Evans-c	20-Oct-10	18		None	10.27°C, 8.73 mg/L	Small pool	Turbines
Evans-c	27-Oct-10	67	15	Central Mudminnow (1)	16.0°C, 8.02 mg/L		Collector Lines
				Bluntnose Minnow (2)			Collector Lines
Evans-d	28-Oct-10	47	-	None	10.78°C, 5.51 mg/L		Collector Lines
Evans-g	22-Oct-10	54	-	None			Turbines
Evans-i	22-Oct-10	117	40	Fathead Minnow (1)	5.99°C, 6.95 mg/L		Turbines
none	28-Oct-10	47	-	None	10.15°C, 7.60 mg/L	Site CL32 on field notes	Collector Lines
GRAND RIVER CONSERVATION AUTHORITY							
Unnamed Grand River Tributaries							
Gran-f	23-Oct-10	38	-	None	10.07°C, 5.61 mg/L		Collector Lines
Gran-h	19-Oct-10	98	-	None			Turbines
Gran-i	25-Oct-10	221	-	None	14.55°C, 7.94 mg/L		Collector Lines
Gran-m	19-Oct-10	267	-	Fathead Minnow (1)	13.2°C, 7.5 mg/L	Pond ~ 10 m X 30 m	Turbines
				Pumpkinseed (1)			Turbines
				YOY* Centrarcids (6)			Turbines
				Central Mud minnow (1)			Turbines
Gran-r	20-Oct-10	140	-	None	12.76°C, 2.06 mg/L	Pond / wetland	Turbines
Gran-r	20-Oct-10	218	30	Central Mudminnow (17)	14.0°C, 10.04 mg/L	Pond / wetland	Turbines
Gran-r	20-Oct-10	27	10	Central Mudminnow (3)	9.75°C, 4.62 mg/L	Small pool	Turbines
Gran-u	20-Oct-10	212	100	YOY Centrarcids (9)			Turbines
				Common Shiner (5)			Turbines
Gran-w	20-Oct-10	97	30	Central Mud minnow (2)	9.6°C, 10.93 mg/L		Turbines
				Common Shiner (3)			Turbines
Gran-y	21-Oct-10	86	-	None	10.35°C, 9.95 mg/L		Turbines
Gran-z	28-Oct-10	38	-	Bluntnose Minnow (1)	10.65°C, 10.42 mg/L		Collector Lines
				Fathead Minnow (3)			Collector Lines
Gran-bb	21-Oct-10	175	-	None	9.58°C, 9.13 mg/L		Turbines
Gran-dd	27-Oct-10	287	45	Central Mudminnow (1)	14.10°C, 7.84 mg/L		Collector Lines
				Green Sunfish (1)			Collector Lines
				Common Shiner (6)			Collector Lines

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Gran-ee	22-Oct-10	127	50	Alosa sp. (1)			Turbines
Gran-ee				Juvenile Cyprinids (9)	9.21°C, 9.16 mg/L		Turbines
Gran-ff	22-Oct-10	-	-	-		Brook Stickleback observed	Turbines
Gran-jj	26-Oct-10	382	25	Centrarchid YOY (6)	15.08°C, 2.5 mg/L		Turbines
				Central Mudminnow (6)			Turbines
				Fathead Minnow (4)			Turbines
Gran-oo	26-Oct-10	187	30	Central Mudminnow (3)	16.20°C, 4.80 mg/L		Collector Lines
				Juvenile Green Sunfish (2)			Collector Lines
				Common Shiner (9)			Collector Lines
none	18-Oct-10	280	-	None		Site 2.2 on field sheets	Turbines
none	18-Oct-10	118	-	None		Site 3.1 on field sheets	Turbines
none	20-Oct-10	Unk	25	None	6.0°C, 9.10 mg/L	Site 16.0 on field sheets	Turbines
Holmes Creek/Sulphur Creek							
Holm-a	19-Oct-10	179	-	None			Turbines
Holm-a	23-Oct-10	25	-	None	11.54°C, 7.72 mg/L		Collector Lines
Holm-b	19-Oct-10	127	-	None			Turbines
Holm-c	23-Oct-10	27	-	None	10.32°C, 8.25 mg/L		Collector Lines
Holm-d	19-Oct-10	86	-	None			Turbines
Holm-d	27-Oct-10	56	30	Central Mudminnow (8)	13.18°C, 7.23 mg/L		Collector Lines
				Fathead Minnow (5)			Collector Lines
Holm-f	25-Oct-10	197	20	Green Sunfish (1)	13.10°C, 6.96 mg/L		Collector Lines
				Common Shiner (2)			Collector Lines
Holm-h	23-Oct-10	162	25	Creek Chub (1)	11.54°C, 9.41 mg/L		Collector Lines
				Fathead Minnow (1)			Collector Lines
				Central Mudminnow (1)			Collector Lines
Unnamed Lake Erie Tributaries							
Lake-d	23-Oct-10	110	-	None	8.68°C, 9.32 mg/L		Turbines
Lake-d	23-Oct-10	78	-	None	10.01°C, 5.69 mg/L		Turbines
Lake-d	23-Oct-10	187	-	None	9.69°C, 7.40mg/L		Turbines
Lake-f	23-Oct-10	-	50	None	13.16°C, 10.38 mg/L		Turbines
none	21-Oct-10	192	-	None	10.5°C, 1.80 mg/L	Leeches observed. Site 29.0 on field sheets	Turbines
Mazi Drain							
Mazi-a	22-Nov-10	-	-	Fathead Minnow (2)			Turbines
*YOY = young-of-the-year							