

## Appendix D



**Notes:**

1. Reference: New Brunswick Digital Topographic Mapping, GeoGratis Digital NTS Map 21G03.
2. Projection: NAD83(CSRS), New Brunswick Stereographic
3. GPS Data Collected is Typically to +/-5m Accuracy.

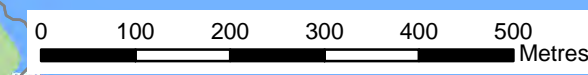
**Legend:**

- Benthic Invertebrate Sample
- Adjacent Properties
- Project Site Boundaries
- Major Roads and Highways
- Public Roads
- Limited Use Road
- Trail / Access Road
- ▶▶▶ Watercourse
- Building
- Quarry
- Provincial Park
- Provincial Significant Wetland
- General Wetland
- Water Bodies

**Benthic Invertebrate Sampling Locations**



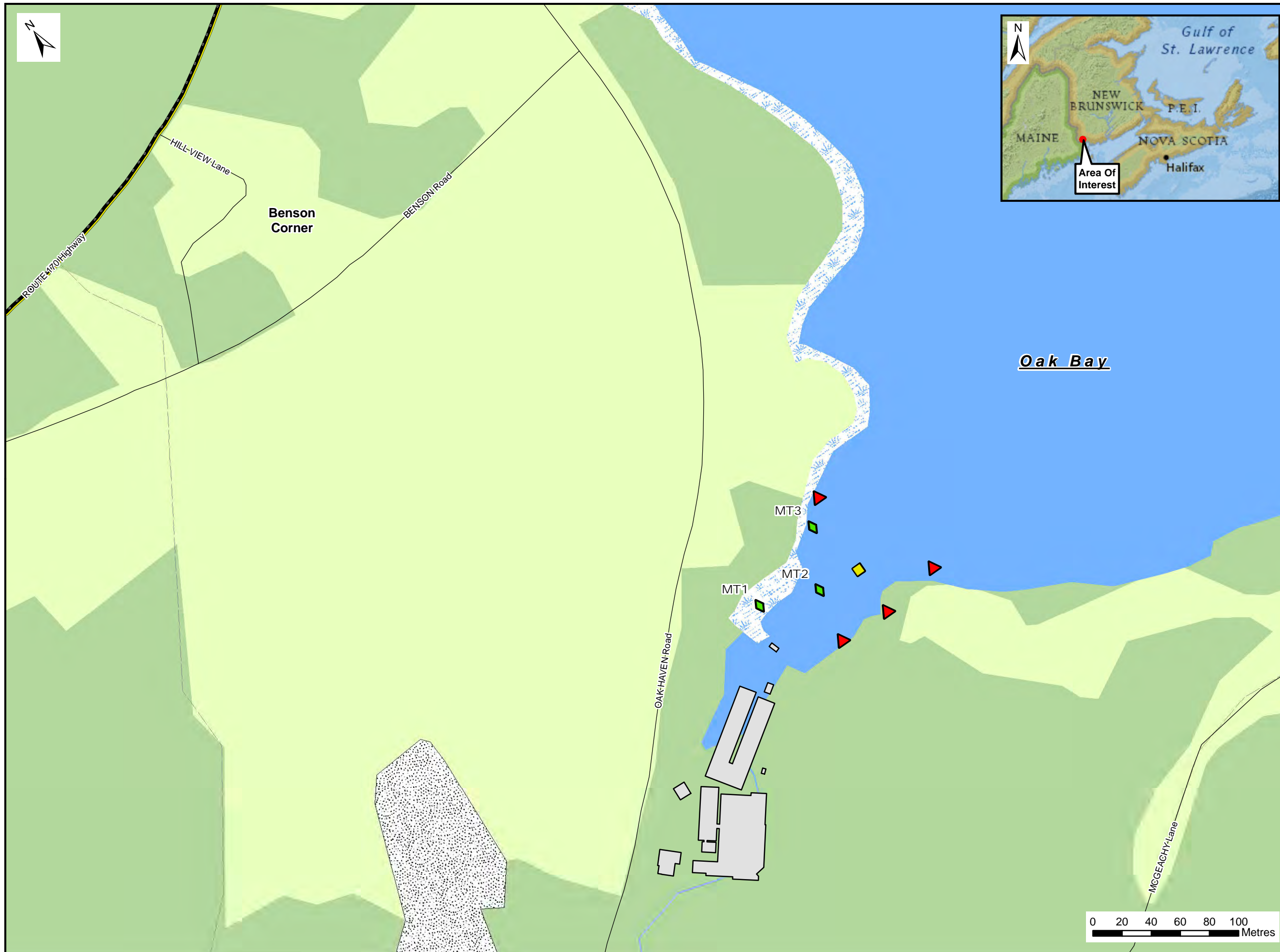
Date: October 2016	Project #: 15-5278
Scale: 1:8000	Drawing #: <b>1</b>
Drawn By: H. Serhan	
Checked By: H. Mosher	



		Transect A (500m)			Transect B (300m)		
Invertebrate	Date Sampled	TA-1	TA-2	TA-3	TB-1	TB-2	TB-3
Nereidae	July 14 2015	4	3	3	1	11*	1
Corophium sp.	July 14 2015	28	1	32	0	2	7
Mya arenaria	July 14 2015	6	7	4	1	2	8

\* 6 really small

Transect C (200m)			Transect D (100m)		
TC-1	TC-2	TC-3	TD-1	TD-2	TD-3
3	9	5	4	5	19
4	2	3	3	19	2
4	3	1	4	5	0



**Notes:**

- Reference: New Brunswick Digital Topographic Mapping, GeoGratis Digital NTS Map 21G03.
- Projection: NAD83(CSRS), New Brunswick Stereographic

- Legend:**
- Fish Sampling Locations (Type)**
- Beach Seine
  - Fyke Net
  - Minnow Trap
- Other Features:**
- Major Roads and Highways
  - Public Roads
  - Limited Use Road
  - Trail / Access Road
  - Watercourse
  - Building
  - Quarry
  - Provincial Park
  - Provincial Significant Wetland
  - General Wetland
  - Water Bodies

**Fish Sampling Locations**



Engineering \* Surveying \* Environmental  
Bedford \* Antigonish \* Moncton \* Deer Lake

Date: October 2016	Project #: 15-5278
Scale: 1:8000	Drawing #: <b>2</b>
Drawn By: H. Serhan	
Checked By: H. Mosher	

## Fish Sampling Results

Date: 17-07-15

Weather: 25°C, clear and sunny

High Tide: 13:00

Water Quality Conditions	
Temperature (°C)	17.8
DO (%)	143.2
DO (mg/L)	12.19
C	38425
TDS	30342
Salinity (ppt)	30.4
PH	7.4

Method of Capture	Fish Species		Fork Length (cm)	Notes
	Common Name	Scientific Name		
Minnow Trap 1	Mummichog	<i>Fundulus heteroclitus</i>	8	
Minnow Trap 2	Mummichog	<i>Fundulus heteroclitus</i>	6	
Minnow Trap 2	Mummichog	<i>Fundulus heteroclitus</i>	6	
Minnow Trap 3	No species caught			
Beach Seine 1	No species caught			
Beach Seine 2	Mummichog	<i>Fundulus heteroclitus</i>	6	
Beach Seine 2	Mummichog	<i>Fundulus heteroclitus</i>	7	Breeding Male
Beach Seine 2	Mummichog	<i>Fundulus heteroclitus</i>	6	
Beach Seine 2	Mummichog	<i>Fundulus heteroclitus</i>	8	
Beach Seine 2	Mummichog	<i>Fundulus heteroclitus</i>	8	Breeding Male
Beach Seine 2	Mummichog	<i>Fundulus heteroclitus</i>	7	
Beach Seine 2	Mummichog	<i>Fundulus heteroclitus</i>	8	
Beach Seine 2	Mummichog	<i>Fundulus heteroclitus</i>	8	
Beach Seine 3	No species caught			
Beach Seine 4	No species caught			
Beach Seine 5	No species caught			
Fyke Net	Atlantic Silverside	<i>Menidia menidia</i>	14	
Fyke Net	Atlantic Silverside	<i>Menidia menidia</i>	10	
Fyke Net	Mummichog	<i>Fundulus heteroclitus</i>	8	
Fyke Net	Green Crab	<i>Carcinus maenas</i>	W: 5 L: 4.5	Female
Fyke Net	Green Crab	<i>Carcinus maenas</i>	W: 5 L: 3-5	Male
Fyke Net	Green Crab	<i>Carcinus maenas</i>	W: 3.5 L: 4.5	Female
Fyke Net	Green Crab	<i>Carcinus maenas</i>	W: 5 L: 4.5	Male