

Site DC34A: Duffy Brook

Date Assessed: 26/08/04

GPS Coordinates: N 44° 15' 6.18"
W 66° 08' 2.1"

Crossing Status: Complete restriction

Road Crossing: Aboiteau, 1m opening downstream

Crossing Condition: Intact

Restriction Indicators:

- Difference in stream width
- Difference in water levels
- Difference in vegetation
- Aboiteau/tide gate

Downstream of Crossing

Creek: Opens onto beach

Land: Beach. Dykes runs along crossing with large boulders on seaward side acting as a breakwater.

Upstream of Crossing

Creek: Brook opens into freshwater marsh system which contains crossings DC35B, DC36B and DC37B

Land: Freshwater marsh.

Comments: Fish passage was installed in this structure. Aboiteaux could be removed and a culvert installed to allow tidal flow into system and improve fish passage. This would require assessment of flooding potential and reassessment of upstream crossings.

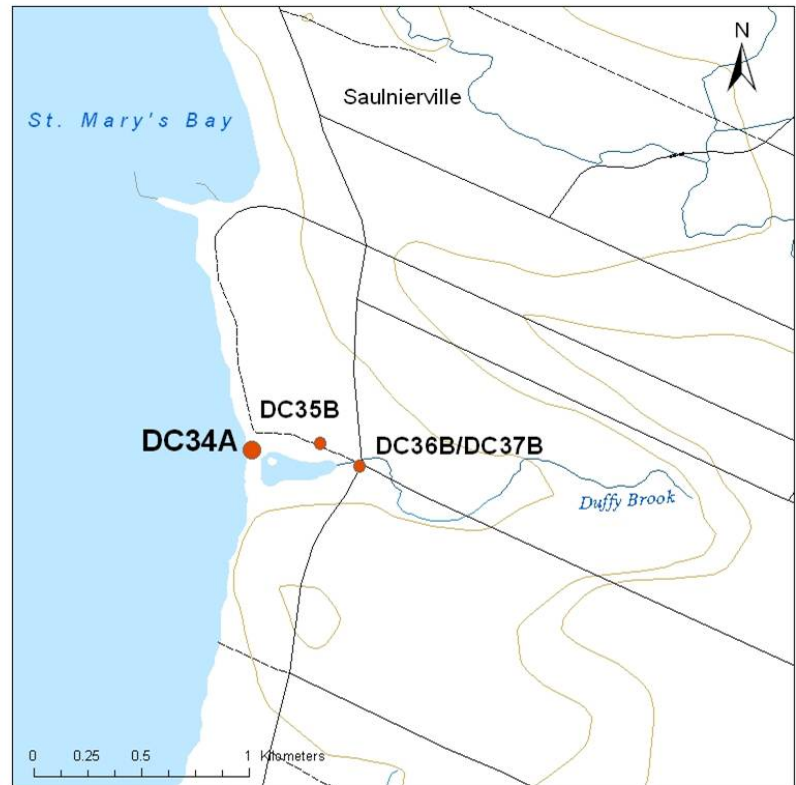




Figure 1. Upstream view of crossing



Figure 2. Downstream of crossing, culvert opens directing onto beach, covered by large boulders and a dyke.



Figure 3. Upstream of crossing View of freshwater marsh system from the dyke.

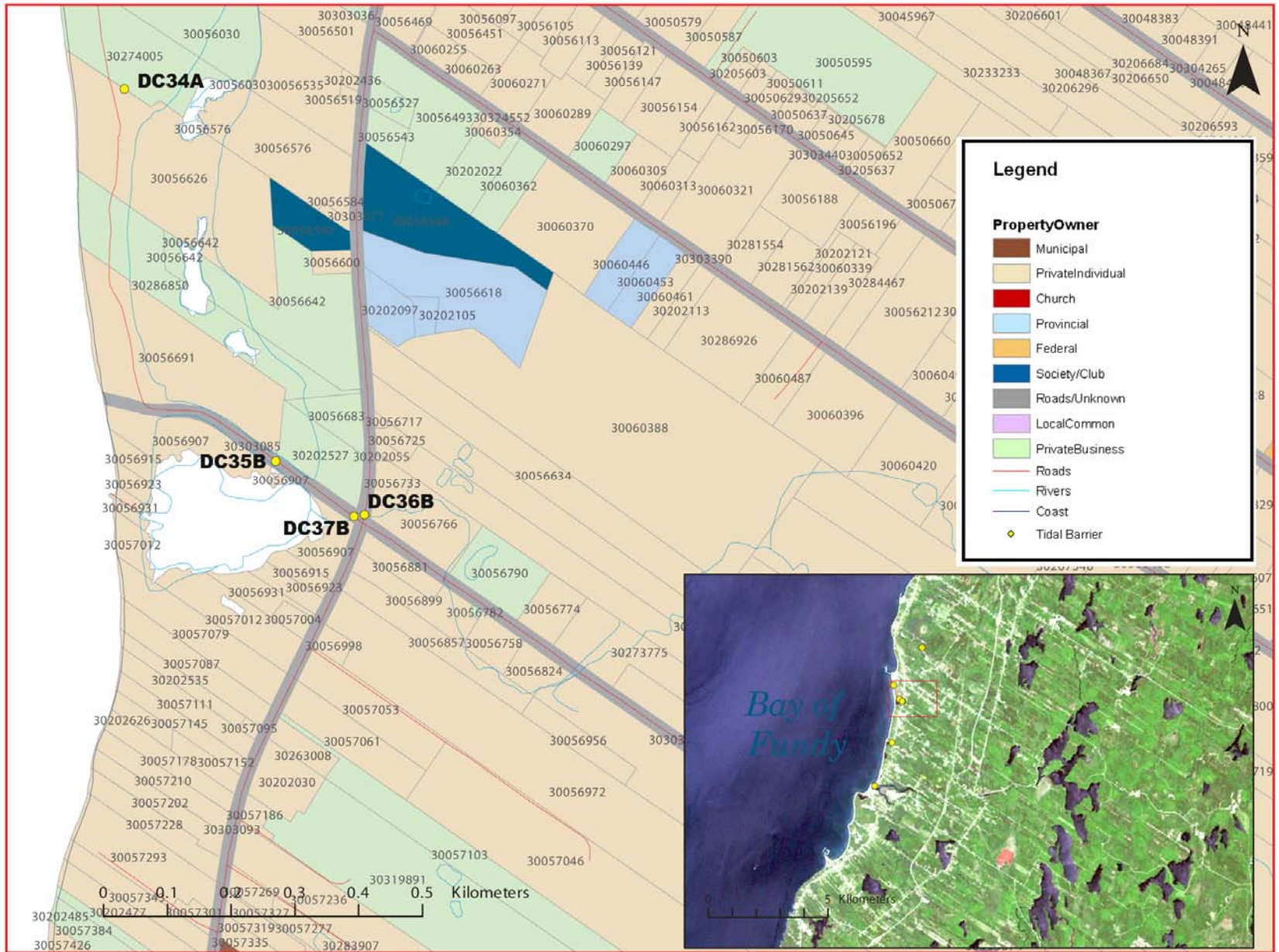


Figure 4: Property management and tidal barrier data for Nova Scotia (Service Nova Scotia, and Municipal Relations)