

**Site DC43B:** Mavillette River

**Date Assessed:** 26/08/04

**GPS Coordinates:** N 44° 06' 0.36''  
W 66° 11' 5.46''

**Crossing Status:** Partial restriction

**Road Crossing:** Culvert (concrete), square open bottom, 5m

**Crossing Condition:** Intact

**Restriction Indicators:**

Scour pool  
Difference in stream width

Divergent channel  
Slack water

**Downstream of Crossing**

**Creek:** 20m stream width with scour pools and slack water, angular flow.

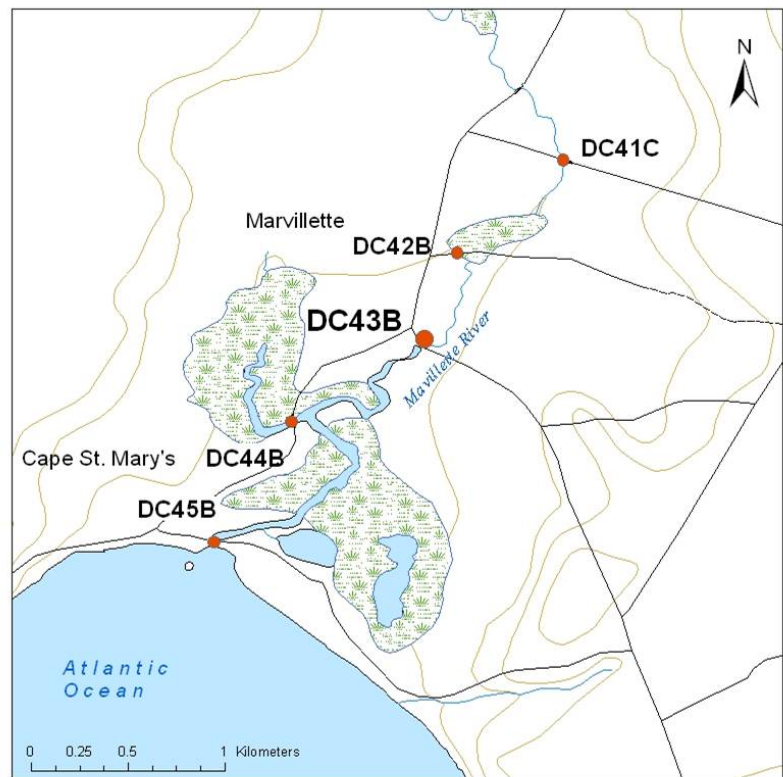
**Land:** Salt marsh, Cape St. Mary's marsh system further downstream.

**Upstream of Crossing**

**Creek:** 15m width, large scour pool at crossing, stream path diverges from the crossing.

**Land:** Salt marsh and residential yards bordering creek

**Comments:** Enlarging this opening would improve tidal flow to the system. The current opening is only 5m which is much smaller than the channel width on either side. Since this crossing is part of the Cape St. Mary's marsh it should be considered in combination of the other crossings downstream.





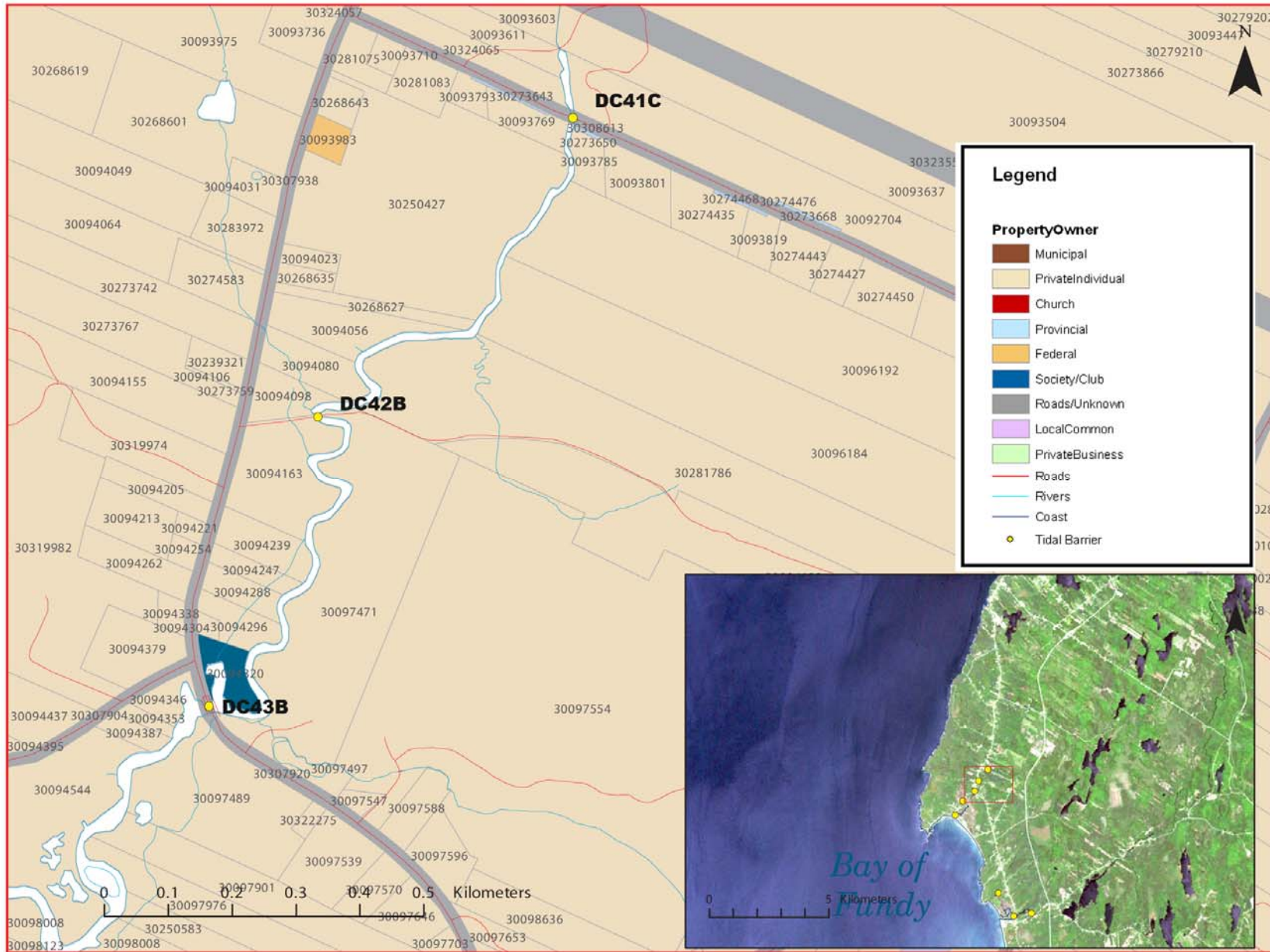
**Figure 1.** Upstream view of crossing



**Figure 2.** Upstream of crossing showing large scour pool



**Figure 3.** Downstream of crossing, large marsh system leading to DC44B and DC45B



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