

**Site AC4C:** Dixon Brook

**Date Assessed:** 30/11/04

**GPS Coordinates:** N 44° 42' 48.54''  
W 65° 37' 33.9''

**Crossing Status:** Partial restriction

**Road Crossing:** Culvert  
(wooden/double square), 3m

**Crossing Condition:** Intact

**Restriction Indicators:**

- Difference in stream width
- Bank slumping
- Difference in water level
- Turbulent flow
- Difference in vegetation
- Slack water
- Scour pool



**Downstream of Crossing**

**Creek:** 8m wide, scour pool, slack water and bank slumping, trees are falling into creek. Culvert is not flush with creek bottom

**Land:** Some marsh vegetation.

**Upstream of Crossing**

**Creek:** 3m wide, with bank slumping and turbulent flow.

**Land:** Wooded.

**Comments:** Due to the rise in elevation tidal flow may not influence this site considerably, however there is a restriction to water flow caused by this crossing as evident from the scour pool formed at the opening as well as the considerable erosion of the stream banks. Culvert opening could be enlarged to improve stream conditions, although salt marsh habitat will not be increased.



Figure 1. Downstream view of crossing.



Figure 2. Downstream of culvert



Figure 3. Upstream view of culvert.

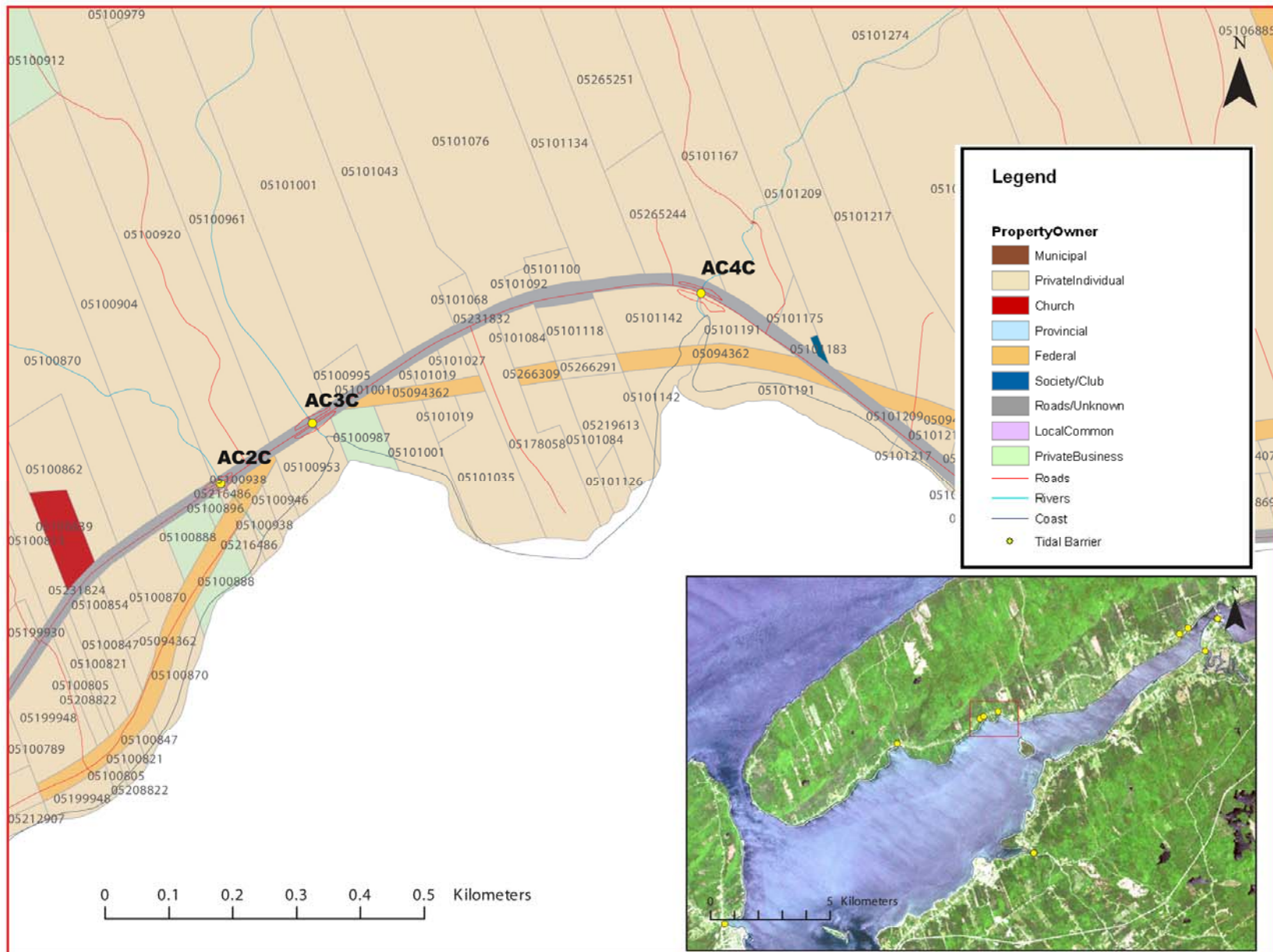


Figure 4: Property management and tidal barrier data for Nova Scotia (Service Nova Scotia, and Municipal Relations)

