

Site KCMB 17C: Pereaux culvert 1

Date Assessed: 03/08/04

GPS Coordinates: N 45° 11' 46.3''
W 64° 23' 24.8''

Crossing Status: Partial restriction

Road Crossing: 1m wooden box culvert

Crossing Condition: Damaged at both ends, collapsing and partially blocked by debris

Restriction Indicators:

- Difference in water levels
- Bank slumping
- Difference in stream width
- Turbulent water flow
- Vegetation differences
- Structure failure
- Scour pool

Downstream of Crossing

Creek: 5m wide, flowing into the Pereaux Creek below dyke.

Land: Salt marsh

Upstream of Crossing

Creek: 1m wide with rise in elevation shortly upstream.

Land: Forested

Comments: Culvert is in need of repair/replacement and although a larger opening would improve flow, the wetland area upstream is small and not able to expand due to rise in elevation.





Figure 1. Culvert upstream

Figure 2. Downstream of crossing at low tide



Figure 3. Up stream of crossing at low tide

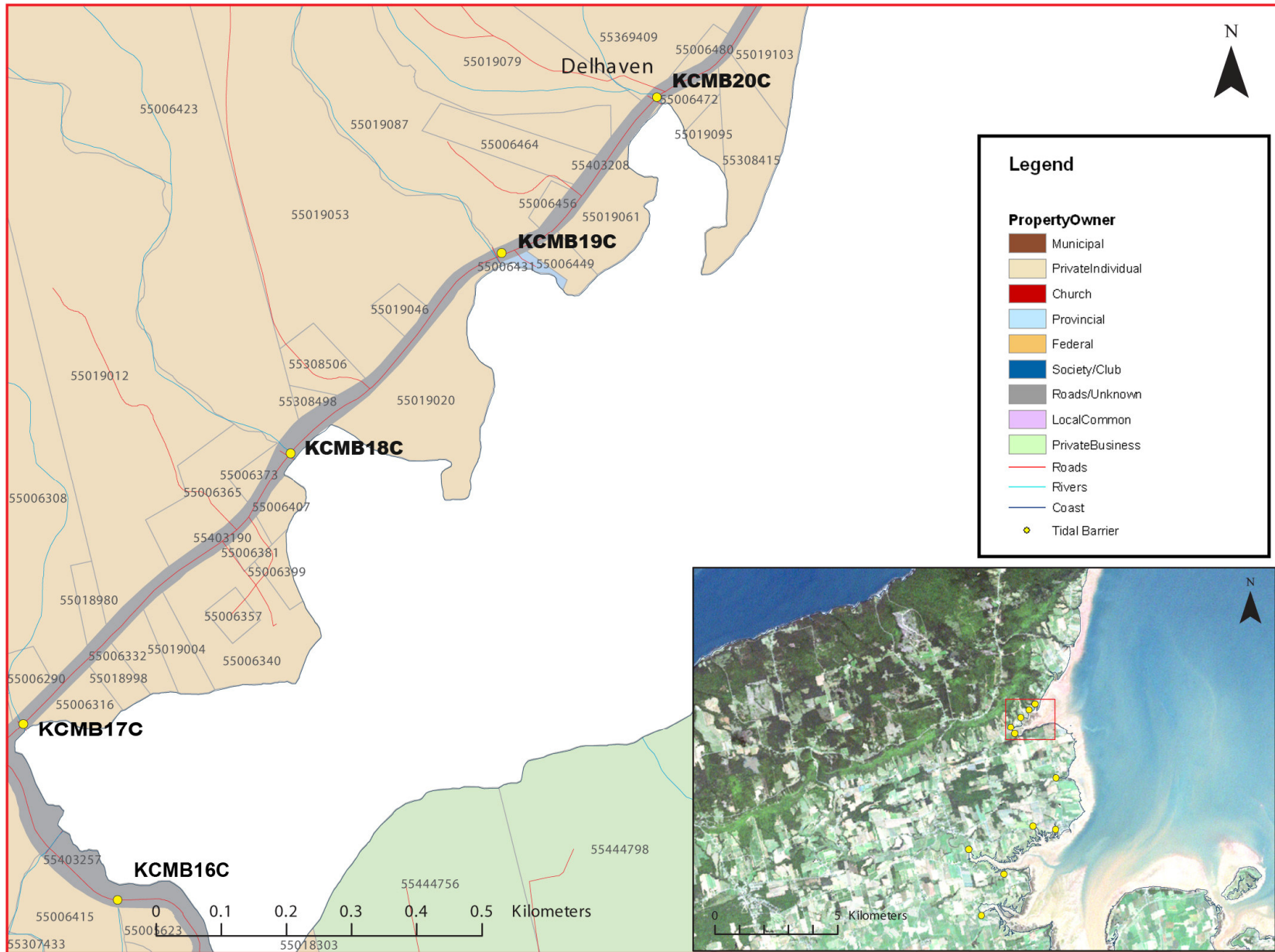


Figure 4: Property management and tidal barrier data for Nova Scotia (Service Nova Scotia, and Municipal Relations)



Figure 5: 2002 Aerial photograph containing tidal barrier data, (1: 10,000)