

Site KCMB 16A: Pereaux Creek Dyke

Date Assessed: 03/08/04

GPS Coordinates: N 45° 11' 37.6"
W 64° 23' 17.9"

Crossing Status: Complete restriction

Road Crossing: Large agricultural dyke and aboiteau

Crossing Condition: Intact

Restriction Indicators:

- Difference in water levels
- Bank slumping
- Difference in stream width
- Aboiteua/tide gate
- Vegetation differences
- Slack water
- Scour pool
- Hanging culvert

Downstream of Crossing

Creek: 15m wide, Pereaux Creek estuary.

Land: Salt marsh

Upstream of Crossing

Creek: 4m width, still water, straight flow, freshwater

Land: Mix of fallow and actively farmed land. Area immediately upstream fallow with shrubs, bushes and trees dominating surface.

Comments: 1.5m land dirt road passing on upstream side of large agricultural dyke. Although the land immediately upstream has been left fallow for some time, areas further upstream remain in agricultural production and so there is little likelihood for tidal flow or salt marsh restoration at this site in the immediate future. Fish passage could be an issue and an opportunity for restoration.

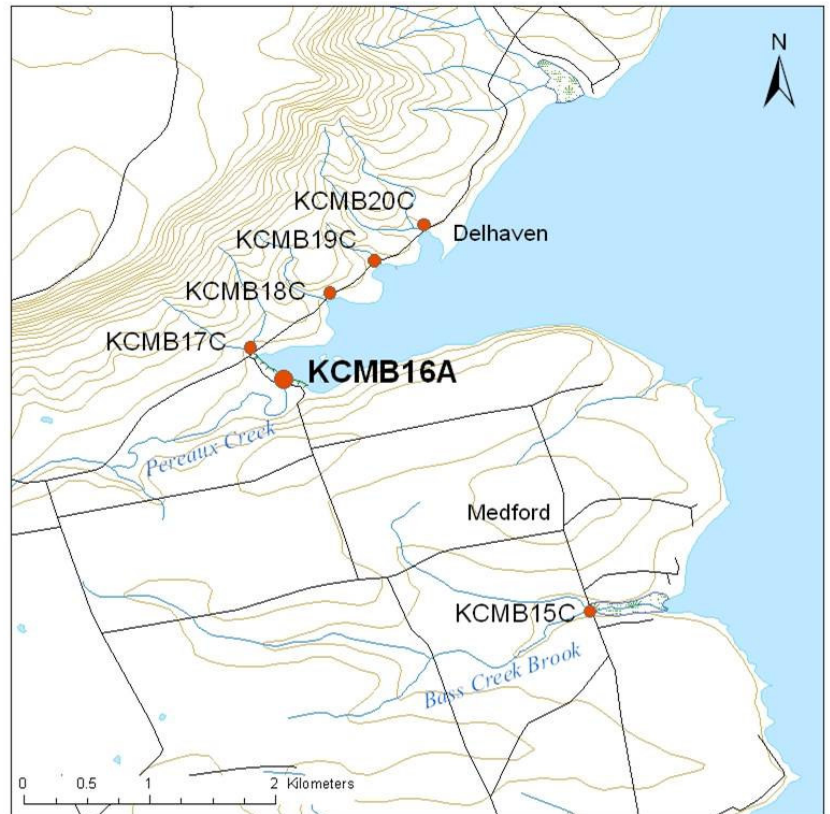




Figure 1. Upstream of dyke



Figure 2. Downstream of dyke

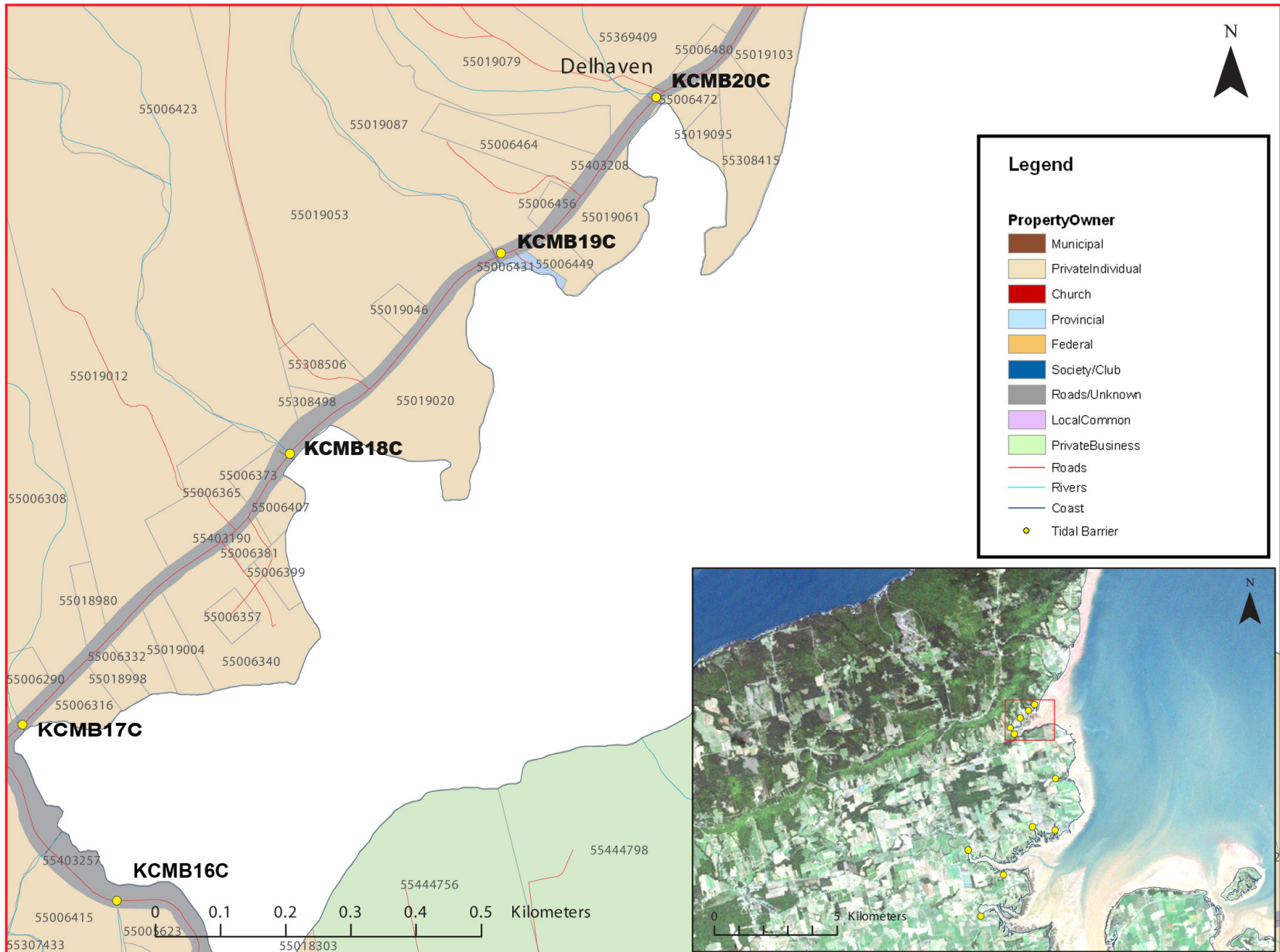


Figure 3: Property management and tidal barrier data for Nova Scotia (Service Nova Scotia, and Municipal Relations)



Figure 4: 2002 Aerial photograph containing tidal barrier data, (1: 10,000)