

Site KCMB 14C: Kingsport Marsh 2

Date Assessed: 03/08/04

GPS Coordinates: N 45° 09' 31.7''
W 64° 21' 57.2''

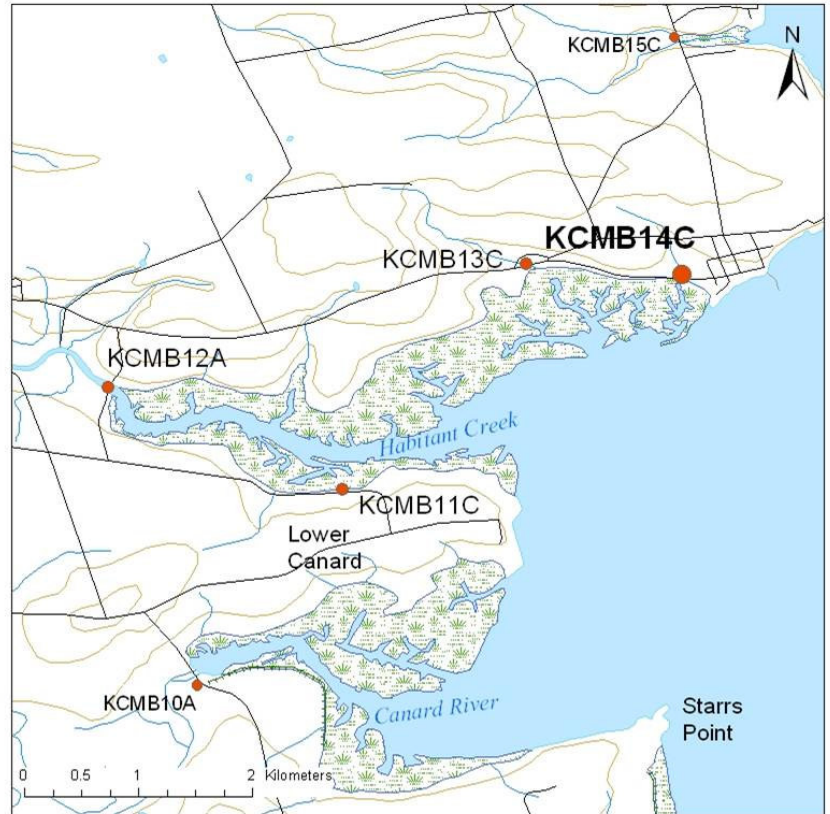
Crossing Status: Partial restriction

Road Crossing: Two chambered wooden box culvert

Crossing Condition: Crossing is in considerable state of disrepair. Structure is damaged at both ends, and internally is 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: 7m wide channel through salt marsh.

Land: Salt marsh

Upstream of Crossing

Creek: 3-4m wide channel.

Land: Salt marsh, farmland, woods and residential development.

Comments: Culvert is old, severely damaged and is a significant tidal restriction. A larger opening would improve tidal flow, fish passage and upstream habitat conditions.



Figure 1. Downstream of crossing at mid tide

Figure 2.



Figure 3. Upstream view from crossing

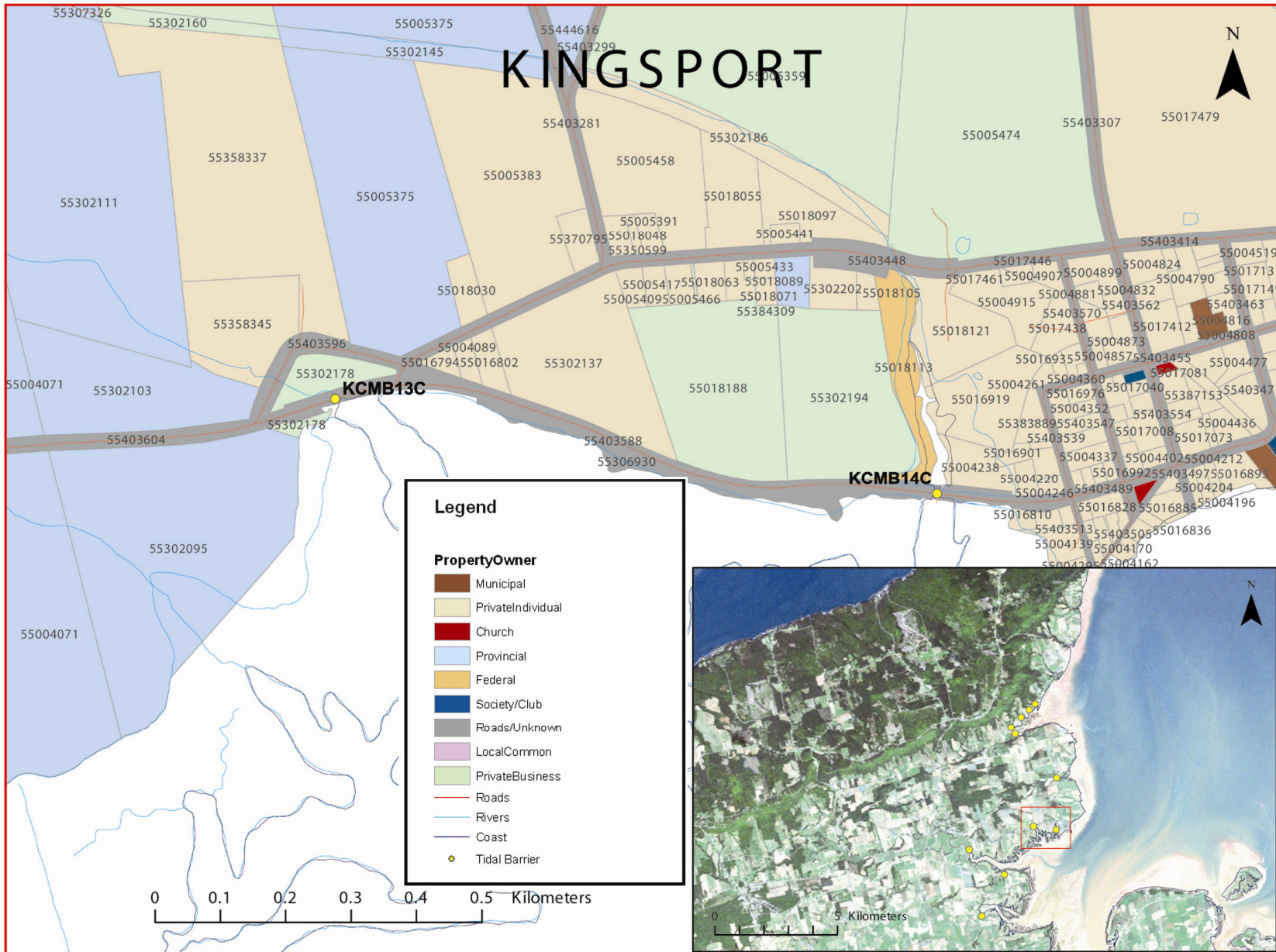


Figure 4: Property management and tidal barrier data for Nova Scotia (Service Nova Scotia, and Municipal Relations)



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