

Site CCMC 34C: Mill Brook (Black Rock)

Date Assessed: July 8, Aug. 27-8,
Nov. 18, 2003

GPS Coordinates: N 45° 22' 35.6''
W 64° 24' 48.8''

Crossing Status: Partial restriction.

Road Crossing: Two chambered wooded culvert with a combined opening 3 x 1.5m. .

Crossing Condition: The culvert has some rotting wood and buckling, and is placed too high on the downstream side.

Restriction Indicators:

- Differences in water levels
- Bank slumping
- Difference in stream width
- Structure failure
- Difference in vegetation
- Slack water
- Scour pool



Downstream of Crossing

Creek: There is a large pool of water in front of the culvert with some erosion and a width of 10.5m.

Land: There is no apparent use of the land below the crossing (river and wetland)..

Upstream of Crossing

Creek: Channel is 5m wide and there is a swift rise in elevation.

Land: No apparent use of land upstream.

Comments: Enlarge and lower opening. Road appears to have built along a natural rise in elevation. Replacing the crossing with a larger opening aligned at both ends with the stream bottom or installing an open bottom structure would improve hydraulic flow and fish passage.



Figure 1. Downstream view of the culvert that has not been placed flush to the creek bottom.



Figure 2. Upstream of crossing. Natural rise in elevation is the main reason for the limited tidal intrusion.

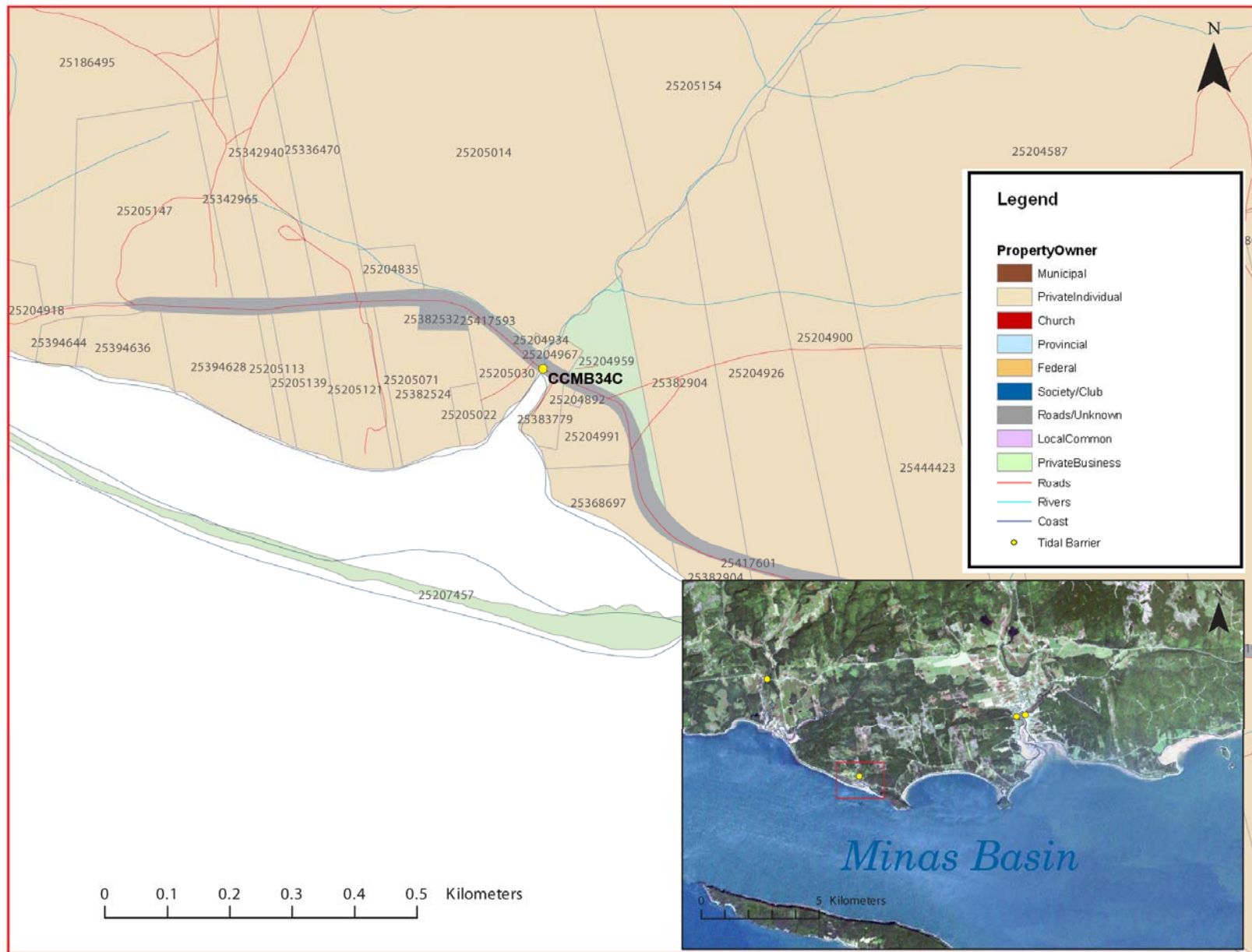


Figure 3: Property management and tidal barrier data for Nova Scotia (Service Nova Scotia, and Municipal Relations)

Air Photo Not Available in GIS Database

Access through Land Information Services:

Photo Number: 04311-124