

Site CBNS1A: Chiganois River

Date Assessed: 17/06/02

GPS Coordinates: N 45° 22' 59.1''
W 63° 24' 56.6''

Crossing Status: Complete Restriction

Road Crossing: Aboiteau, 3 tide gates, 2m wide.

Crossing Condition: Intact

Restriction Indicators:

- Difference in stream width
- Bank slumping
- Scour pool
- Turbulent flow
- Slack water
- Tide gate/aboiteau

Downstream of Crossing

Creek: 24m wide, turbulent flow and swirling water, with a scour pool forming

Land: Dyked agricultural land, some marsh vegetation

Upstream of Crossing

Creek: 18m wide, smooth flow, bank slumping

Land: Dyked agricultural land, some marsh and freshwater vegetation

Comments: Land use should be assessed to determine if one or more of the tide gates could be opened to allow for limited tidal flow and marsh restoration. Since this area is currently being used for agricultural purposes this may or may not be plausible at this time. However fish passage should be addressed.

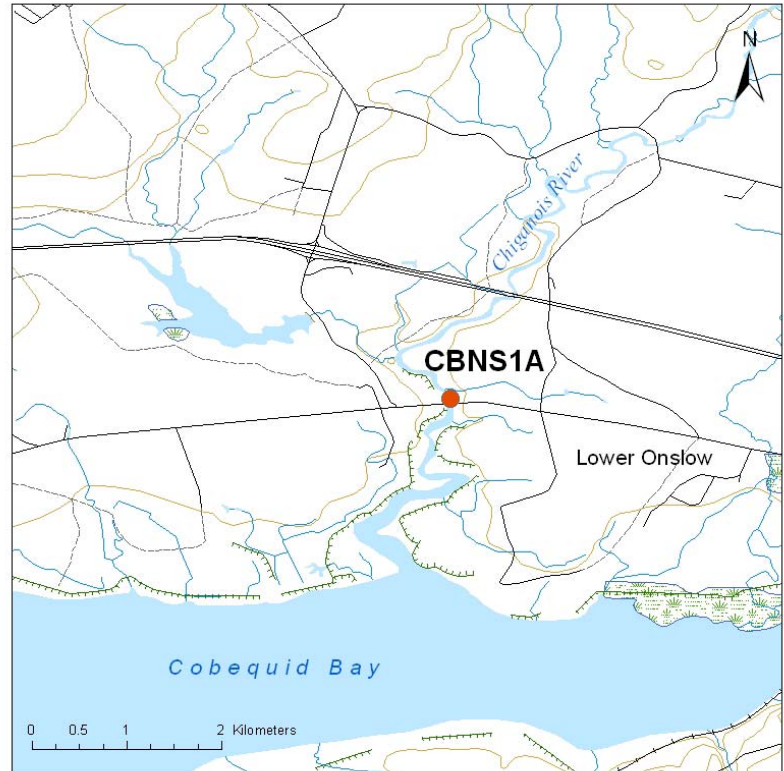




Figure 1. Downstream view of aboiteau system with three tide gates.



Figure 2.



Figure 3.



Figure 4.



Figure 5.

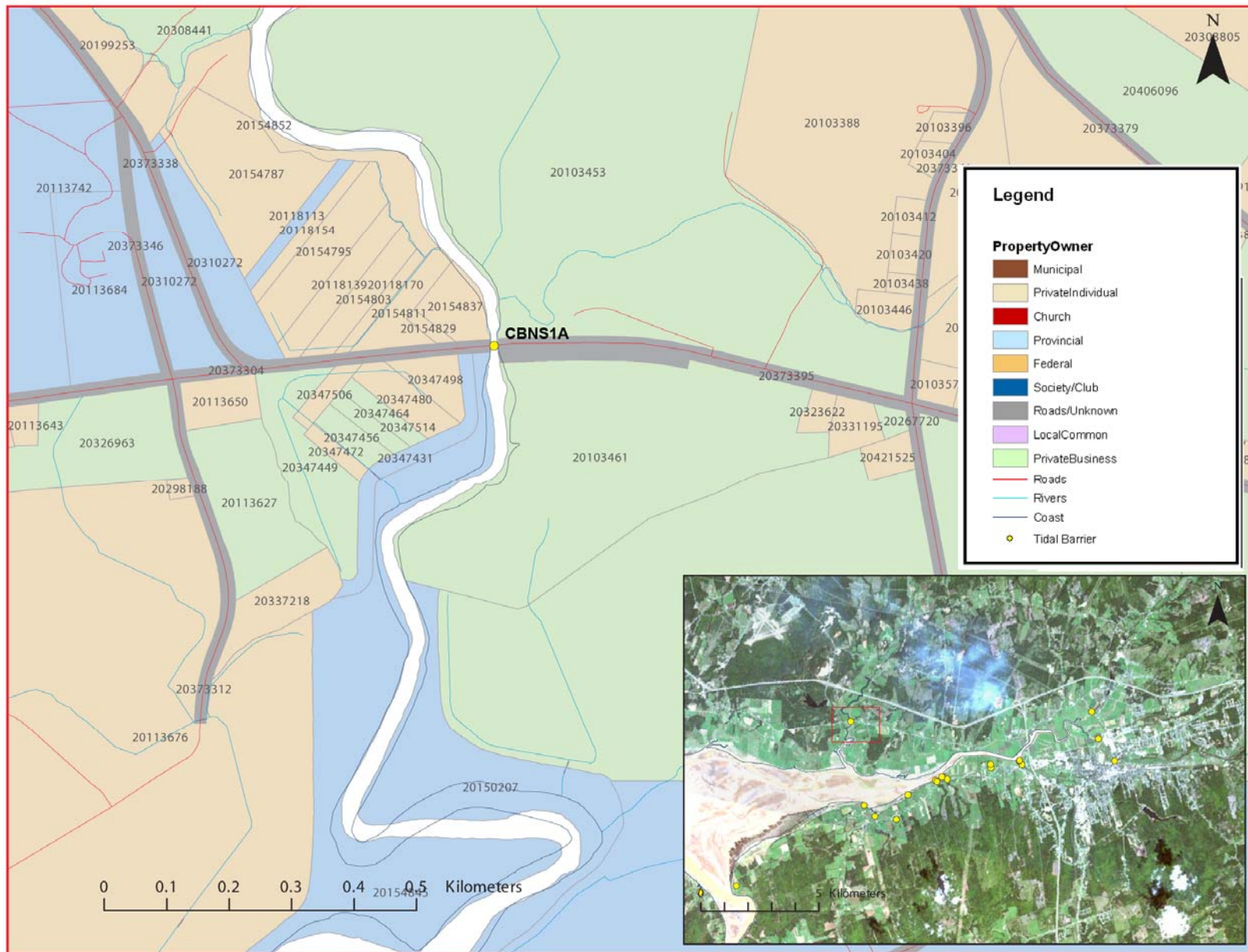


Figure 6: Property management and tidal barrier data for Nova Scotia (Service Nova Scotia, and Municipal Relations)

Air Photo Not Available in GIS Database

Access through Land Information Services:

Photo Number: 04312-185