

Site DC10C: Walsh Brook (Acacia Valley)

Date Assessed: 26/08/04

GPS Coordinates: N 44° 35' 43.5''
W 65° 44' 27.47''

Crossing Status: Partial restriction

Road Crossing: Culvert
(wooden/square), 3.5m

Crossing Condition: In disrepair
and filled with debris

Restriction Indicators:

- Difference in stream width
- Bank slumping
- Difference in water levels
- Hanging culvert
- Scour pool
- Slack water

Downstream of Crossing

Creek: Tributary of main channel,
scour pools and slack water.

Land: Mudflats, some marsh vegetation around edges of river.

Upstream of Crossing

Creek: Straight flow, scour pool and slack water.

Land: Small marsh bordered by forest.

Comments: The culvert is in a state of disrepair and filled with debris. The guardrail at the road is falling over and is a potential safety issue. This culvert is too small and placed too high in the creek bed to allow for adequate flow of water and species. Large boulders and debris are caving in around the crossing. There are remnants of an old wooden structure along the side of the creek just in front of the downstream end that could be removed, although these may not be a significant obstruction. Culvert needs to be replaced with a larger opening that is positioned lower on the river bottom.

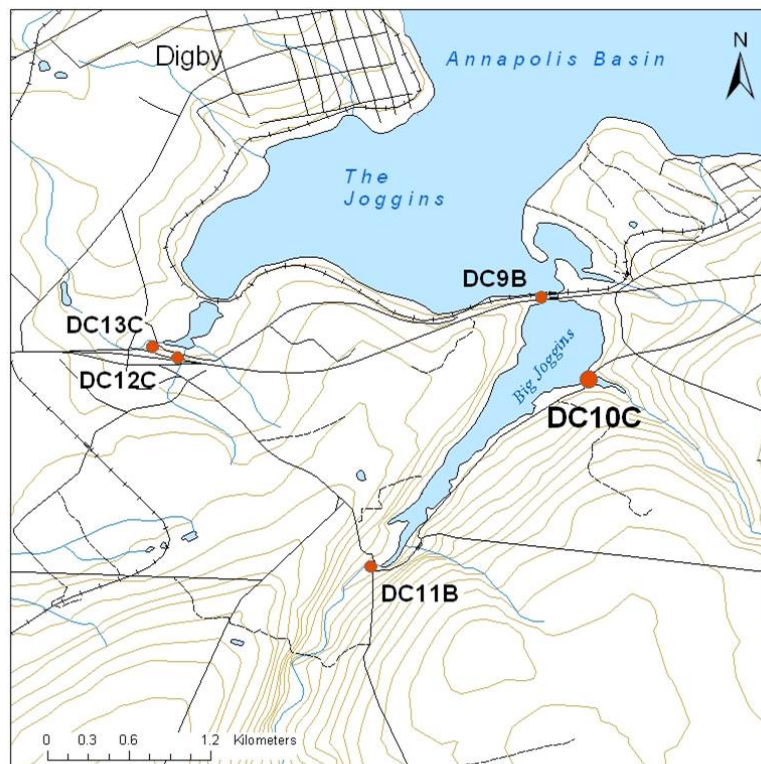




Figure 1. Downstream view of crossing. Culvert is filled with debris and placed high above creek bottom with large amount of rock and wooden debris.



Figure 2. Upstream of crossing



Figure 3. Downstream of crossing, opens into main river channel.

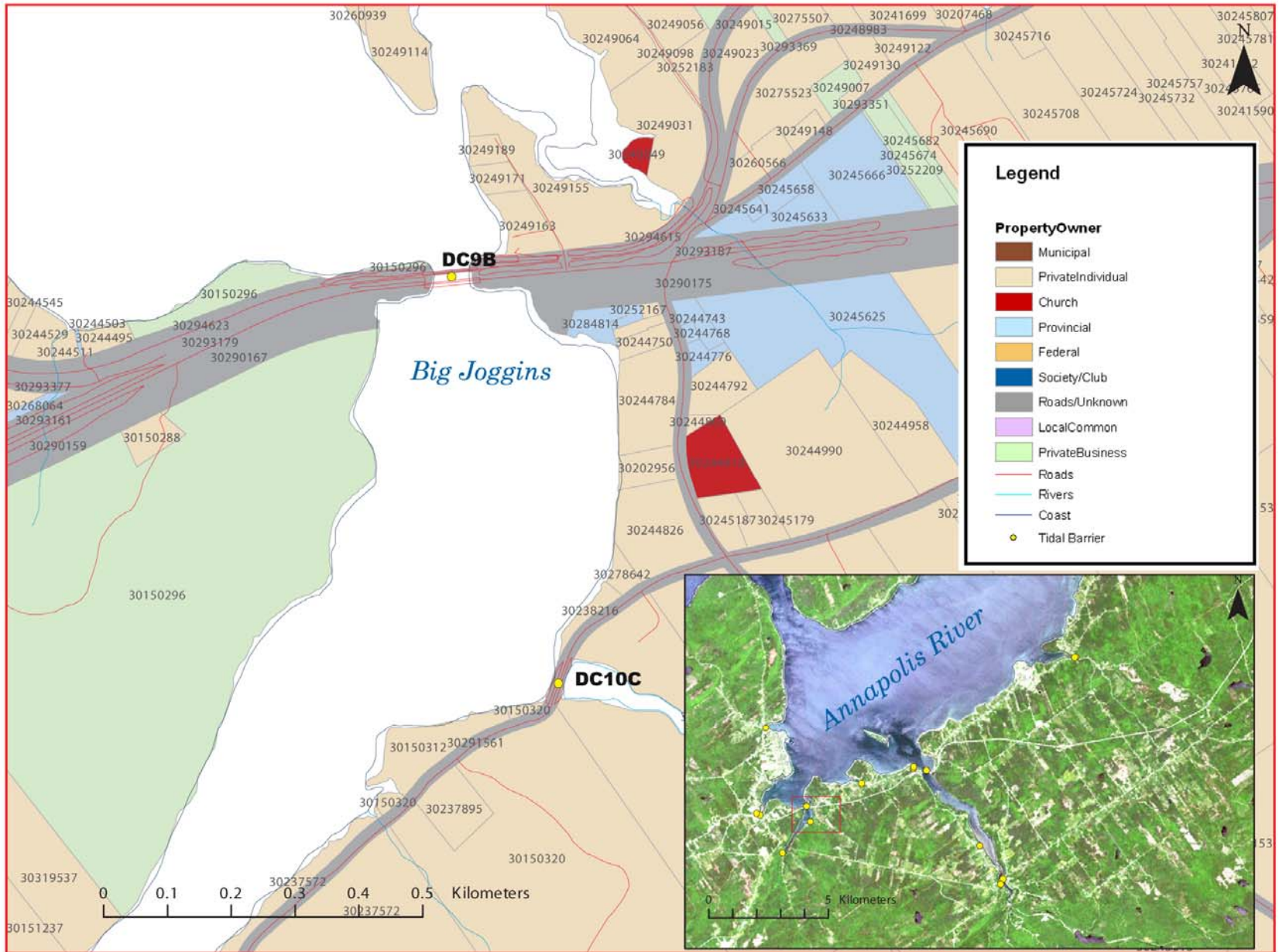


Figure 4: Property management and tidal barrier data for Nova Scotia (Service Nova Scotia, and Municipal Relations)