

Site KCMB 2B: Gaspereau River (Hwy 101)

Date Assessed: 04/09/03, 05/12/03

GPS Coordinates: N 45° 06' 03''
W 64° 16' 14''

Crossing Status: No restriction

Road Crossing: Two 100m steel bridges,
Highway 101

Crossing Condition: Structures are intact

Restriction Indicators: None

Downstream of Crossing

Creek: 100m wide with smooth flow.
Rail bridge downstream.

Land: Agricultural dykeland.

Upstream of Crossing

Creek: 100m with smooth flow.

Land: Agricultural dykeland.

Comments: Highway 101 crosses the Gaspereau River as a combination causeway (across agricultural dykeland and fringe marsh) and bridge structure (over main river channel). Bridges do not restrict tidal flow along main river channel. Salt marsh area is limited upstream and down by active and remnant dyking. An assessment of landuse along this river may identify opportunities for salt marsh restoration via breaching dykes in areas no longer viable as agricultural land.





Figure 1. Two steel bridges side by side, not creating a restriction to tidal flow. Photo was taken from one of the dykes.

Figure 2. Upstream showing dykes along the river edge.



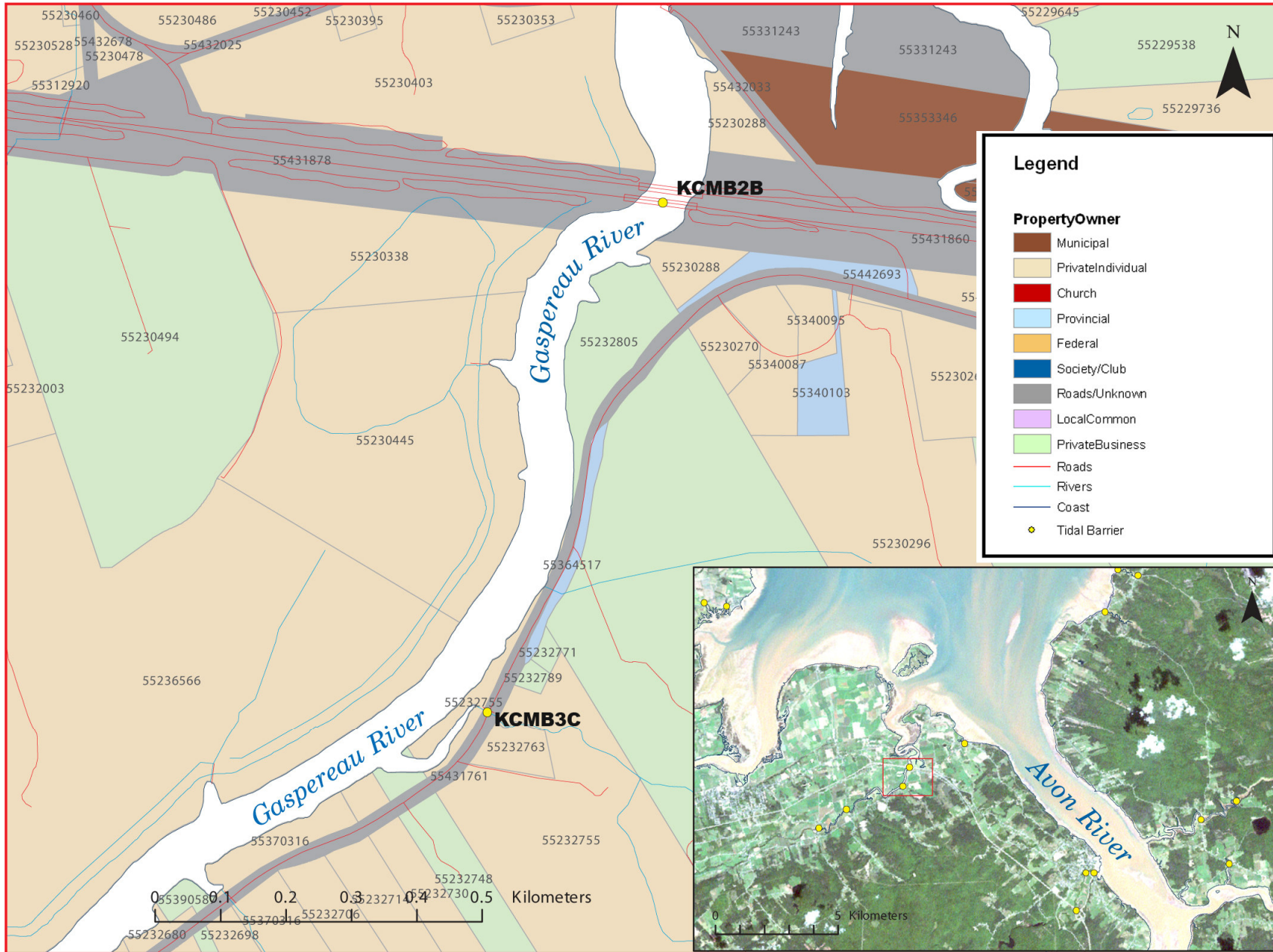


Figure 3:
Property management and tidal barrier data for Nova Scotia (Service Nova Scotia, and Municipal Relations)



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