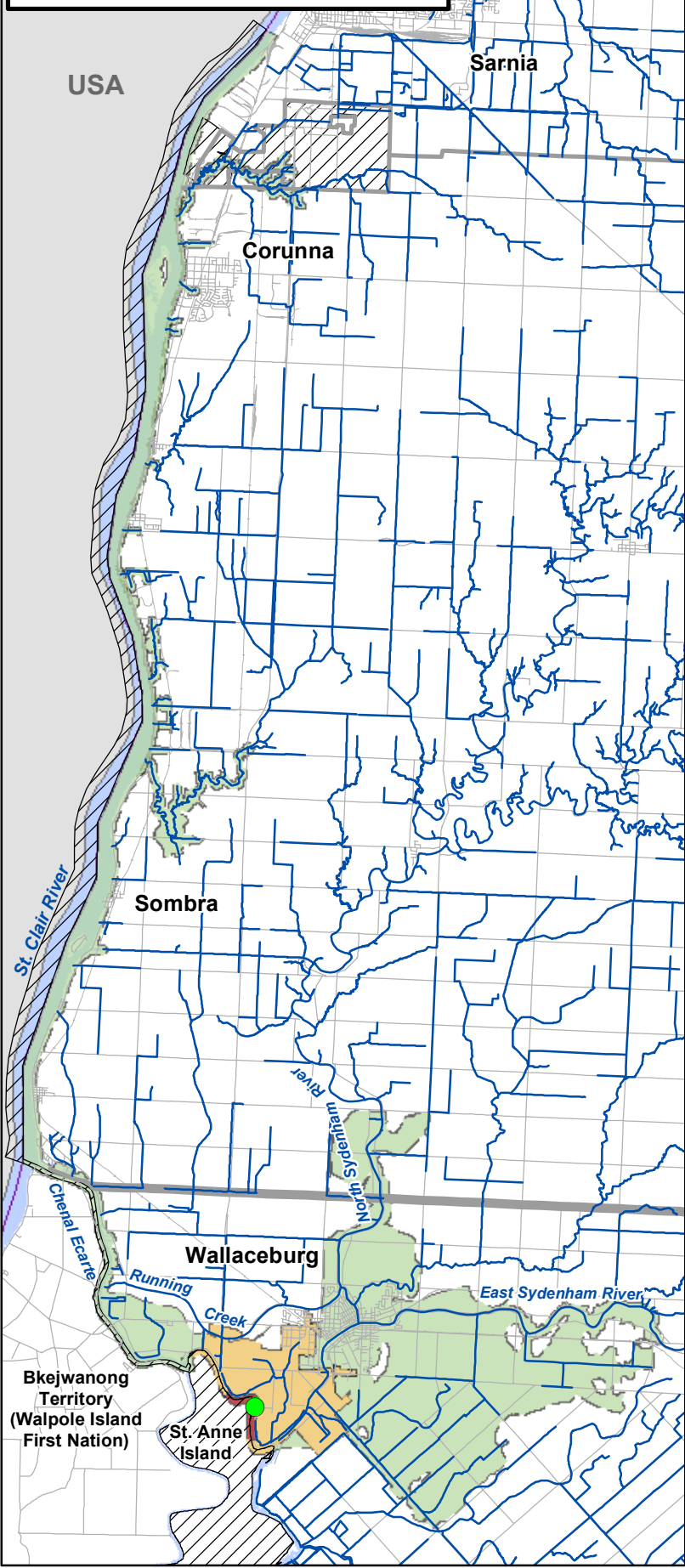
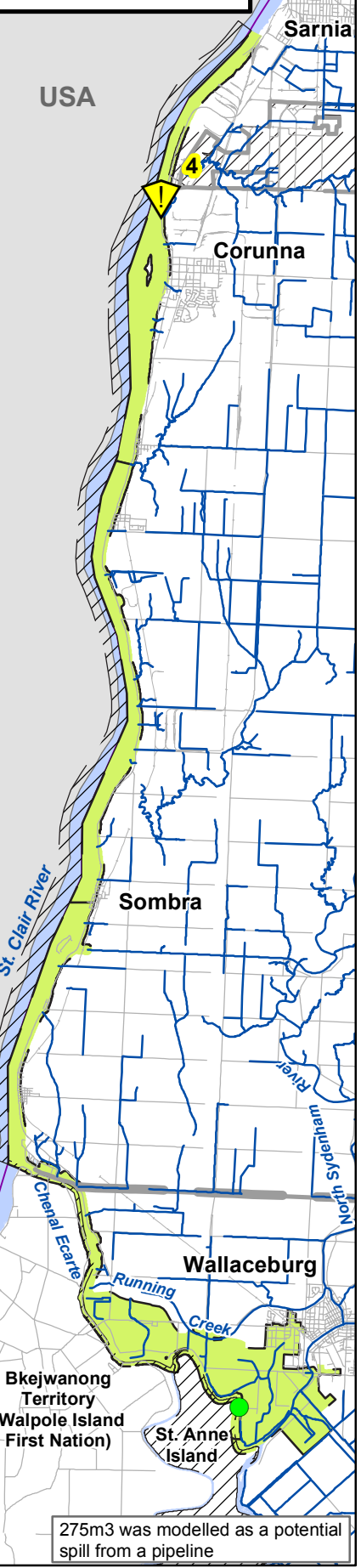


### Event Based Area (EBA)

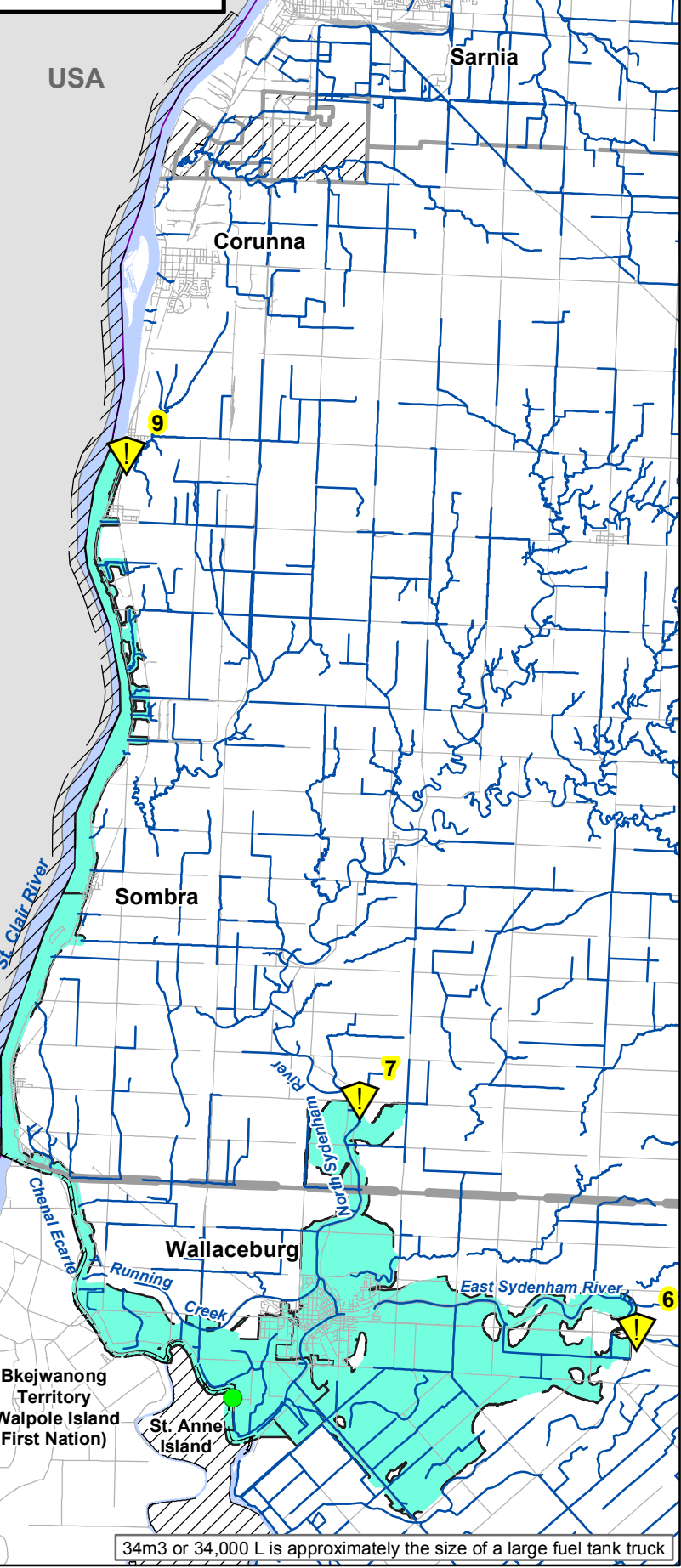


### EBA-Fuel 275



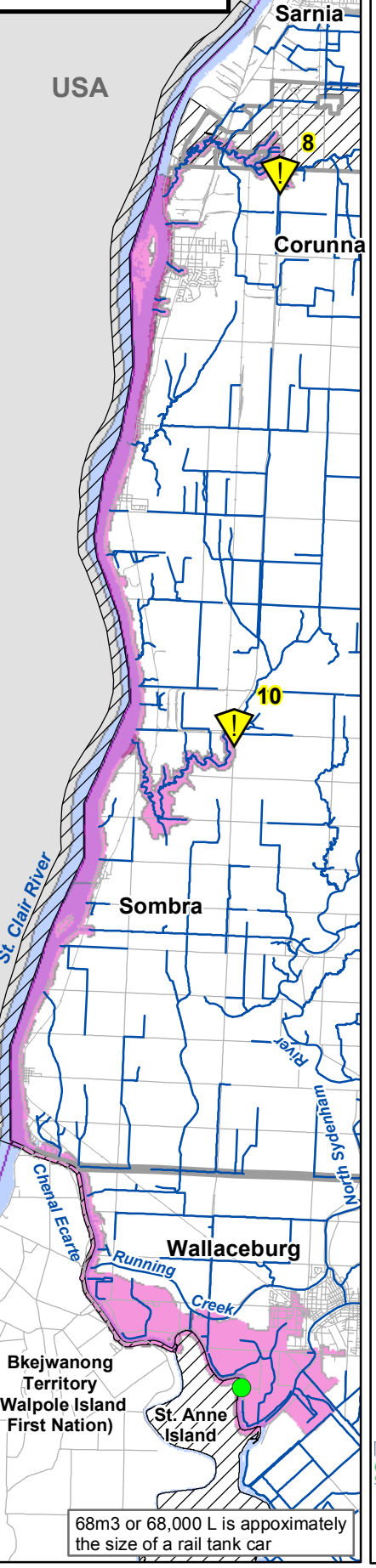
275m3 was modelled as a potential spill from a pipeline

### EBA-Fuel 34



34m3 or 34,000 L is approximately the size of a large fuel tank truck

### EBA-Fuel 68



68m3 or 68,000 L is approximately the size of a rail tank car

## Map 4-4b Wallaceburg Fuel Event Based Areas

## St. Clair Region Source Protection Area Assessment Report

**Legend**

- Area beyond the current jurisdiction of this assessment. Additional information required.
- Municipal Boundaries
- St. Clair Region Source Protection Area

**Intake Protection Zone**

- Surface Water Intake
- IPZ-1
- IPZ-2
- IPZ-3
- EBA-Fuel 275 m3 (275,000 L)
- EBA-Fuel 34 m3 (34,000 L)
- EBA-Fuel 68 m3 (68,000 L)
- Event Modelled Spill Locations

0 1 2 4 6 8  
Kilometres

Map created by SCRCA, October, 2014.

Base mapping produced under license with the Ontario Ministry of Natural Resources. © 2014.

Source Protection Area Boundary provided by Ontario Ministry of the Environment, 2006.

Intake Protection Zones 1 & 2 provided by Stantec Consulting, February 2010. Intake Protection Zone 3 provided by Baird & Associates, April 28, 2011.

Intake Protection Zone 3 Revisions based on Longitudinal Analysis in Support of IPZ-3 Revision for Petrolia, LAWSS and Wallaceburg Intakes, SCRCA, 2014

St. Anne Island – The identified area does not fall within the jurisdiction of this assessment at this time. The 120 m setback applied to the Chenal Ecarte has been noted on the map. Additional information regarding the flow of water from the island into the Chenal Ecarte has been collected, however additional information would be required to denote specific areas which could provide water to the intake within the two hour time of travel.

Spills in the US were not modelled.

**DRINKING WATER SOURCE PROTECTION**  
ACT FOR CLEAN WATER

**Thames-Sydenham & Region**