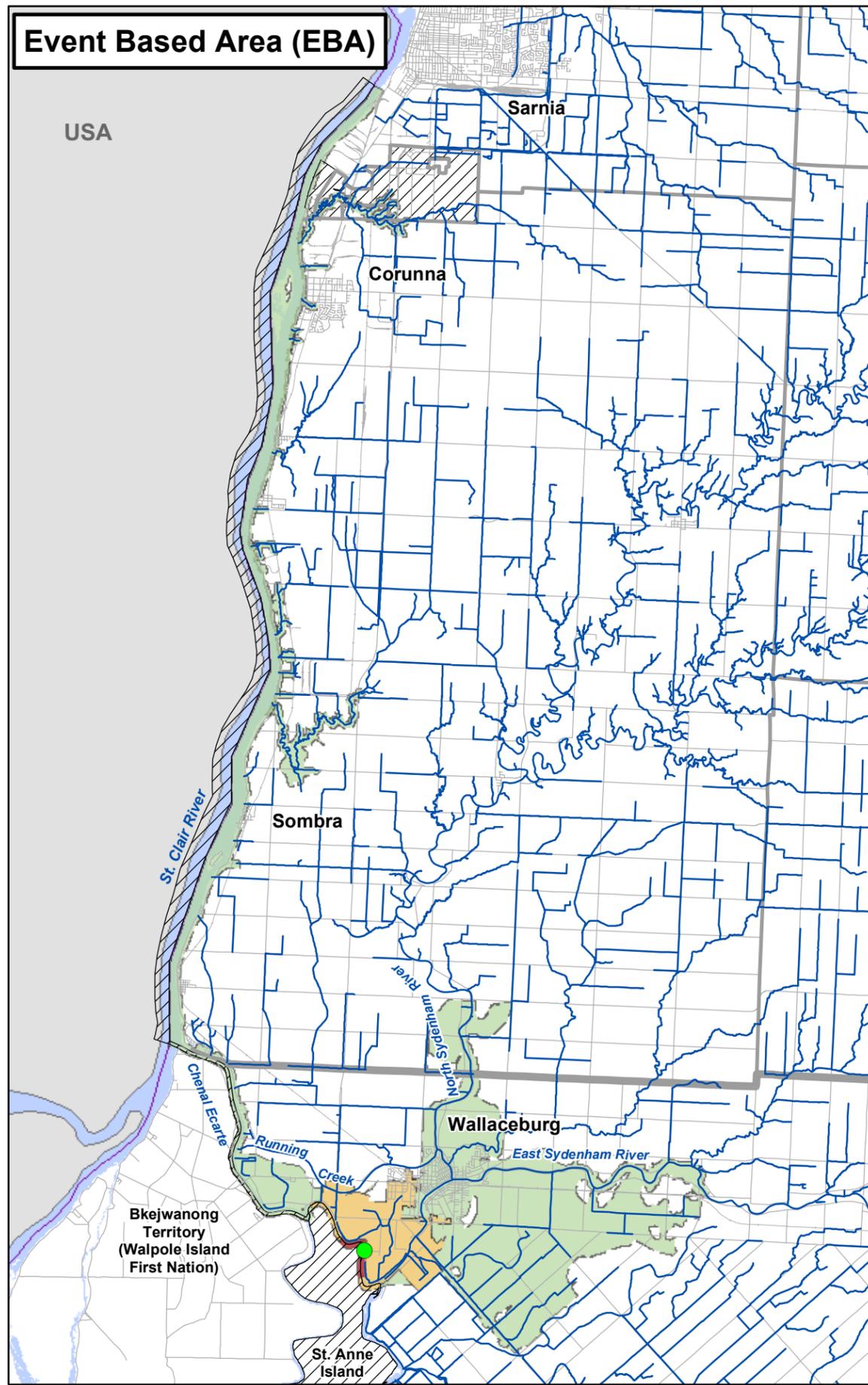
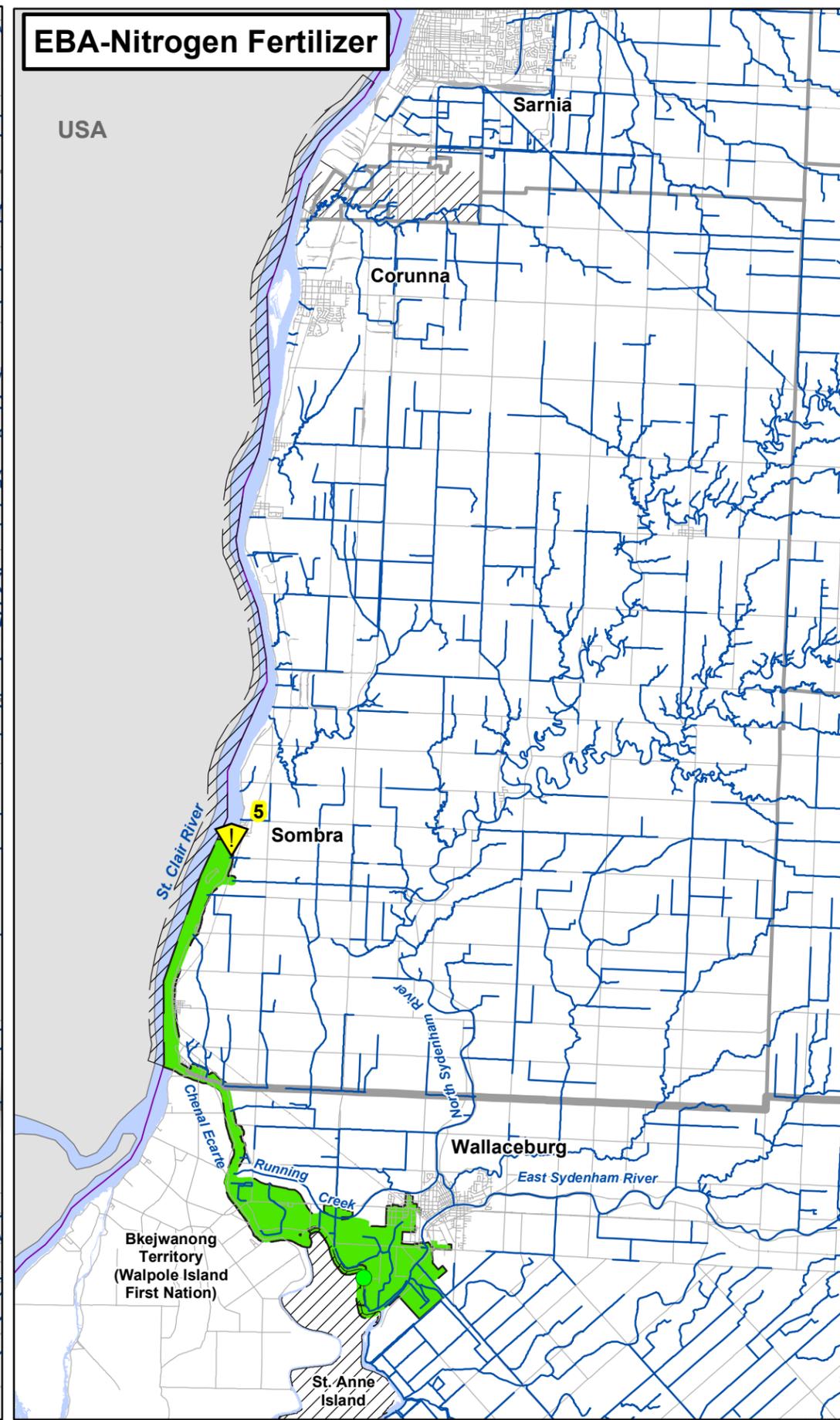


### Event Based Area (EBA)



### EBA-Nitrogen Fertilizer



## Map 4-4c Wallaceburg Nitrogen Fertilizer 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

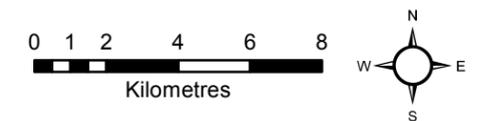
IPZ-1

IPZ-2

IPZ-3

EBA-Nitrogen Fertilizer (124,000kg of 46% Nitrogen)

Event Modelled Spill Locations



Map created by SCRCA, April, 2015.

Base mapping produced under license with the Ontario Ministry of Natural Resources. © 2015.

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.