



Base mapping produced under license with the Ontario Ministry of Natural Resources © 2015.
 Source Protection Region Boundary provided by Ontario Ministry of Environment, 2006.
 Wellhead Capture Zone and Vulnerability scoring provided by Waterloo Numerical Modelling 2009 and Matrix Solutions Inc., 2016.
 HVA derived from ISI based upon County Groundwater Studies.
 Groundwater Vulnerability Assessment Municipality of Huron East (Seaforth), 2009.
 Intake Protection Zone and Vulnerability scoring provided by Stantec Consulting Ltd. Surface Water Vulnerability Assessment Addendum for the Lake Huron Water Treatment Plant Phase 1 Addendum, 2009.

**Map 4.9
Highly Vulnerable Aquifers
Bluewater**

LEGEND

Source Protection Area	Wellhead Protection Zone Zone A - 100m	Highly Vulnerable Aquifer High ISI - GWVA Score 6
Municipal Boundary	Wellhead Protection Zone Zone B - 2yr tot	
County Boundary	Wellhead Protection Zone Zone C - 5yr tot	
Road	Wellhead Protection Zone Zone D - 25yr tot	
Watercourse	Wellhead Protection Zone Zone E - GUDI zone	
Cities and Towns	Intake Protection Zone IPZ1	
Municipal Well	Intake Protection Zone IPZ2	
Surface Water Intake		

Map Projection: UTM NAD83 Zone 17

0 0.5 1 2 Km

**DRINKING WATER
SOURCE PROTECTION
Our Actions Matter**

**Map 4.9
Highly Vulnerable Aquifers
Bluewater**

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 Date: Jan 08, 2018
 Produced By: A. Clarke ABCAMVCA DWSP Region

Ontario