



Base mapping produced under license with the Ontario Ministry of Natural Resources © 2010.  
 Source Protection Region Boundary provided by Ontario Ministry of Environment, 2006.  
 HVA derived from ISI based upon County Groundwater Studies.  
 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 4.84**  
**Highly Vulnerable Aquifers**  
**Lambton Shores**

**LEGEND**

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

Map Projection: UTM NAD83 Zone 17

Ausable Bayfield & Maitland Valley Source Protection Region

**Map 4.84**  
**Highly Vulnerable Aquifers**  
**Lambton Shores**

File: C:\swplsmall\_projects\cathy\assessment\_report\_municipal\hva\_lambton\_shores\_v7.mxd  
 Date: May 17, 2011  
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