



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, Report for Well Head Protection Area Delineation Project, 2009.  
 Livestock density derived from 2006 Agricultural census (external WHPA) and from field inventory (internal WHPA), ABMV 2010  
 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.

**LEGEND**

|                        |                          |                         |
|------------------------|--------------------------|-------------------------|
| Source Protection Area | Wellhead Protection Zone | Nutrient Units per acre |
| Municipal Boundary     | Zone A - 100m            | < 0.5                   |
| County Boundary        | Zone B - 2yr tot         | 0.5 - <= 1.0            |
| Road                   | Zone C - 5yr tot         | > 1.0                   |
| 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

**DRINKING WATER SOURCE PROTECTION**  
 Our Actions Matter

**Map 4.106 Livestock Density South Huron**

ABCA/MVCA GIS Services  
 Copyright © Queen's Printer, 2018  
 This map is for illustrative purposes only, it is not a legal survey.

File: Y:\Projects\_Mxds\SWPIAR\_Maps\AB\South\_Huron\_NU.mxd  
 Date: Jan 08, 2018  
 Produced By: A. Clarke ABCA/MVCA DWSP Region