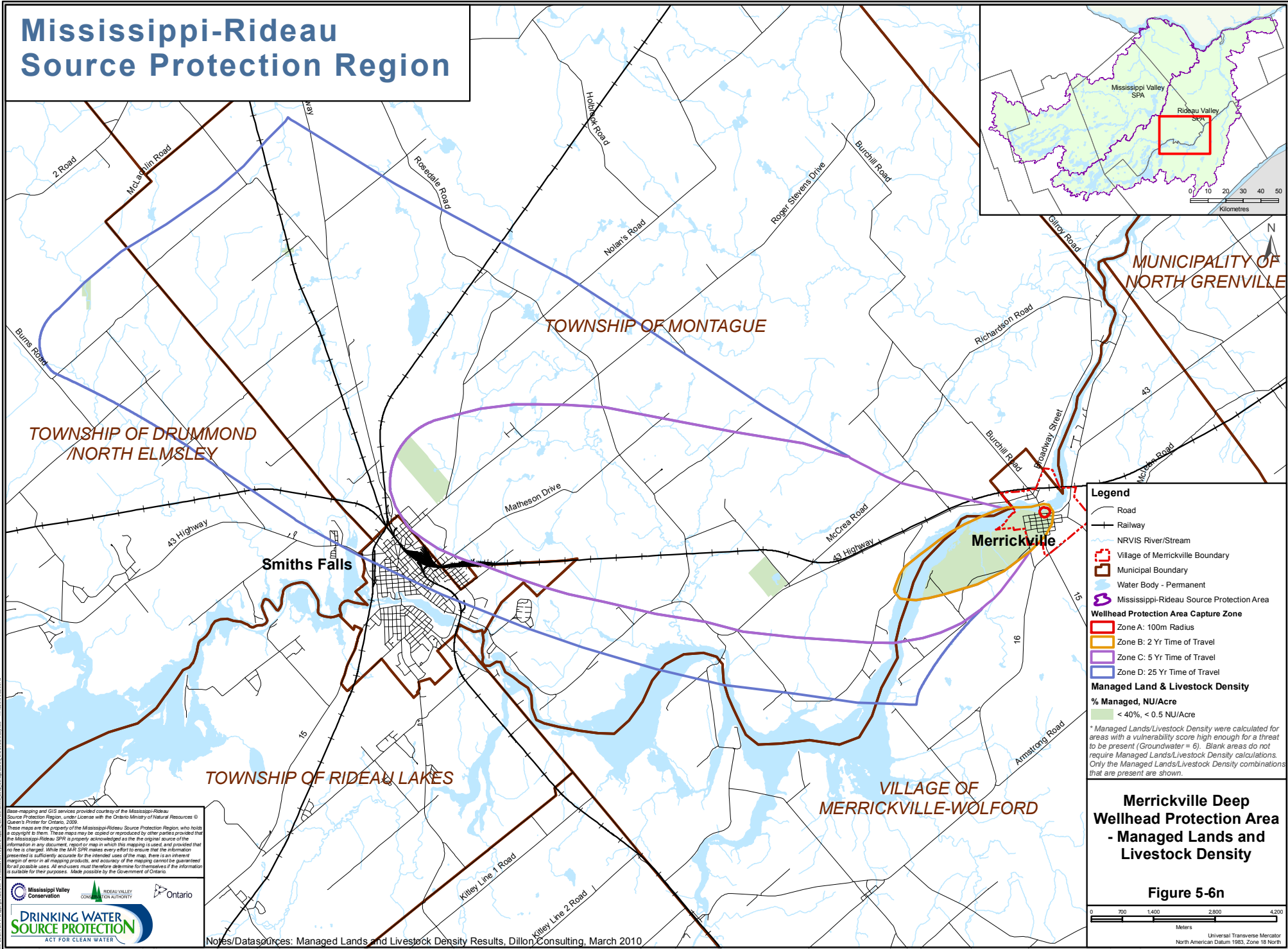


# Mississippi-Rideau Source Protection Region



Base mapping and GIS services provided courtesy of the Mississippi-Rideau Source Protection Region, under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2010.  
 These maps are the property of the Mississippi-Rideau Source Protection Region, who holds a copyright to them. These maps may be copied or reproduced by other parties provided that the Mississippi-Rideau SPA is properly acknowledged as the original source of the information in any document, report or map in which this mapping is used, and provided that the user is charged. While the MRSPR makes every effort to ensure that the information presented is sufficiently accurate for the intended uses of the map, there is an inherent margin of error in all mapping products, and accuracy of the mapping cannot be guaranteed for all possible uses. All users must therefore determine for themselves if the information is suitable for their purposes. Made possible by the Government of Ontario.



Notes/Data Sources: Managed Lands and Livestock Density Results, Dillon Consulting, March 2010

**Legend**

- Road
- +— Railway
- NRVIS River/Stream
- ⬠ Village of Merrickville Boundary
- ⬠ Municipal Boundary
- ⬠ Water Body - Permanent
- ⬠ Mississippi-Rideau Source Protection Area

**Wellhead Protection Area Capture Zone**

- ⬠ Zone A: 100m Radius
- ⬠ Zone B: 2 Yr Time of Travel
- ⬠ Zone C: 5 Yr Time of Travel
- ⬠ Zone D: 25 Yr Time of Travel

**Managed Land & Livestock Density**

**% Managed, NU/Acre**

- ⬠ < 40%, < 0.5 NU/Acre

\* Managed Lands/Livestock Density were calculated for areas with a vulnerability score high enough for a threat to be present (Groundwater = 6). Blank areas do not require Managed Lands/Livestock Density calculations. Only the Managed Lands/Livestock Density combinations that are present are shown.

**Merrickville Deep Wellhead Protection Area - Managed Lands and Livestock Density**

**Figure 5-6n**

0 700 1400 2800 4200  
Meters

Universal Transverse Mercator  
North American Datum 1983, Zone 18 North