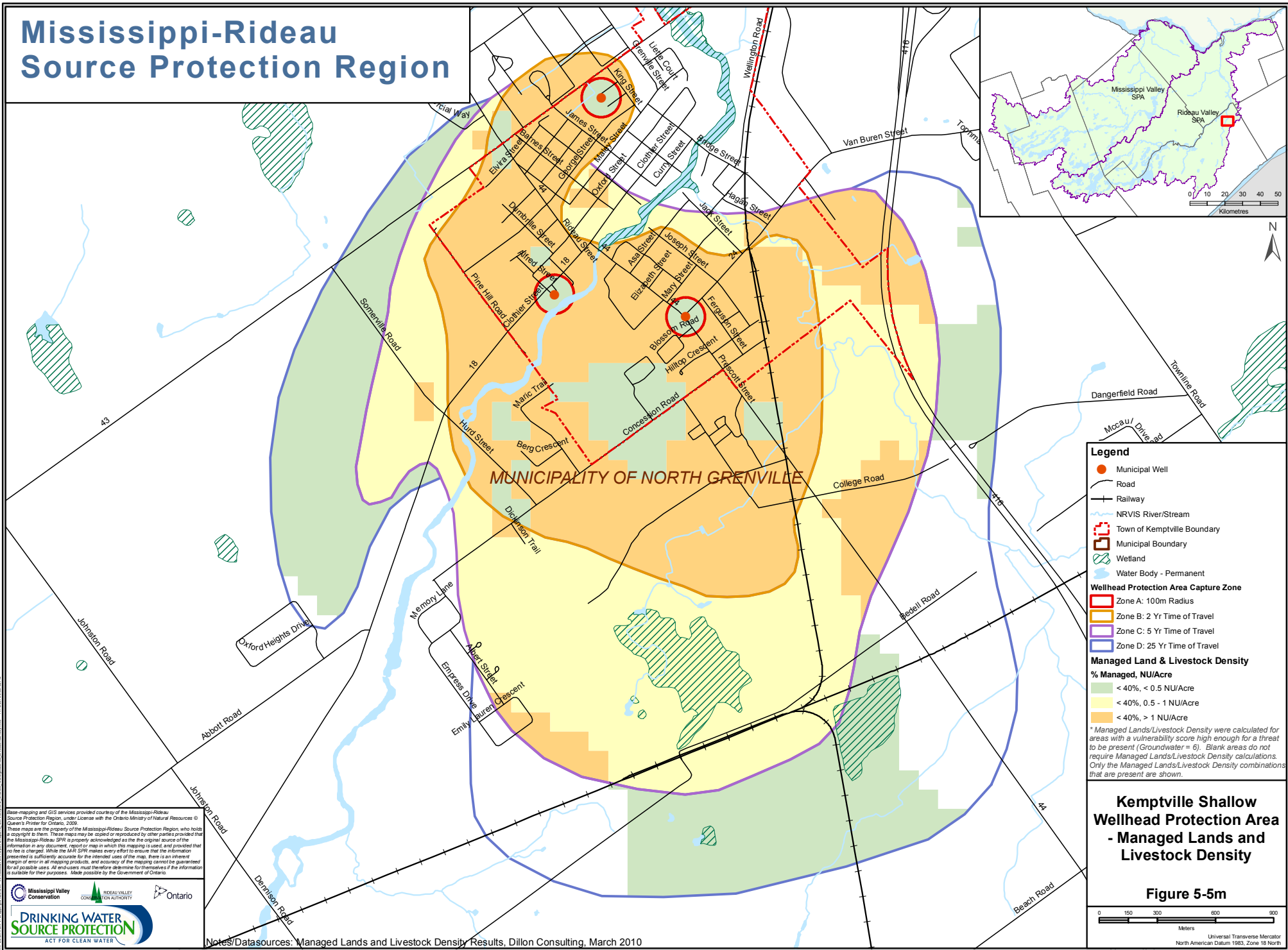


# Mississippi-Rideau Source Protection Region



**Legend**

- Municipal Well
- Road
- Railway
- NRVIS River/Stream
- Town of Kemptville Boundary
- Municipal Boundary
- Wetland
- Water Body - Permanent

**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
- < 40%, 0.5 - 1 NU/Acre
- < 40%, > 1 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.

**Kemptville Shallow Wellhead Protection Area - Managed Lands and Livestock Density**

**Figure 5-5m**

0 150 300 600 900  
Meters

Universal Transverse Mercator  
North American Datum 1983, Zone 18 North

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Mississippi Valley Conservation  
RIDEAU VALLEY CONSERVATION AUTHORITY  
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**DRINKING WATER SOURCE PROTECTION**  
ACT FOR CLEAN WATER