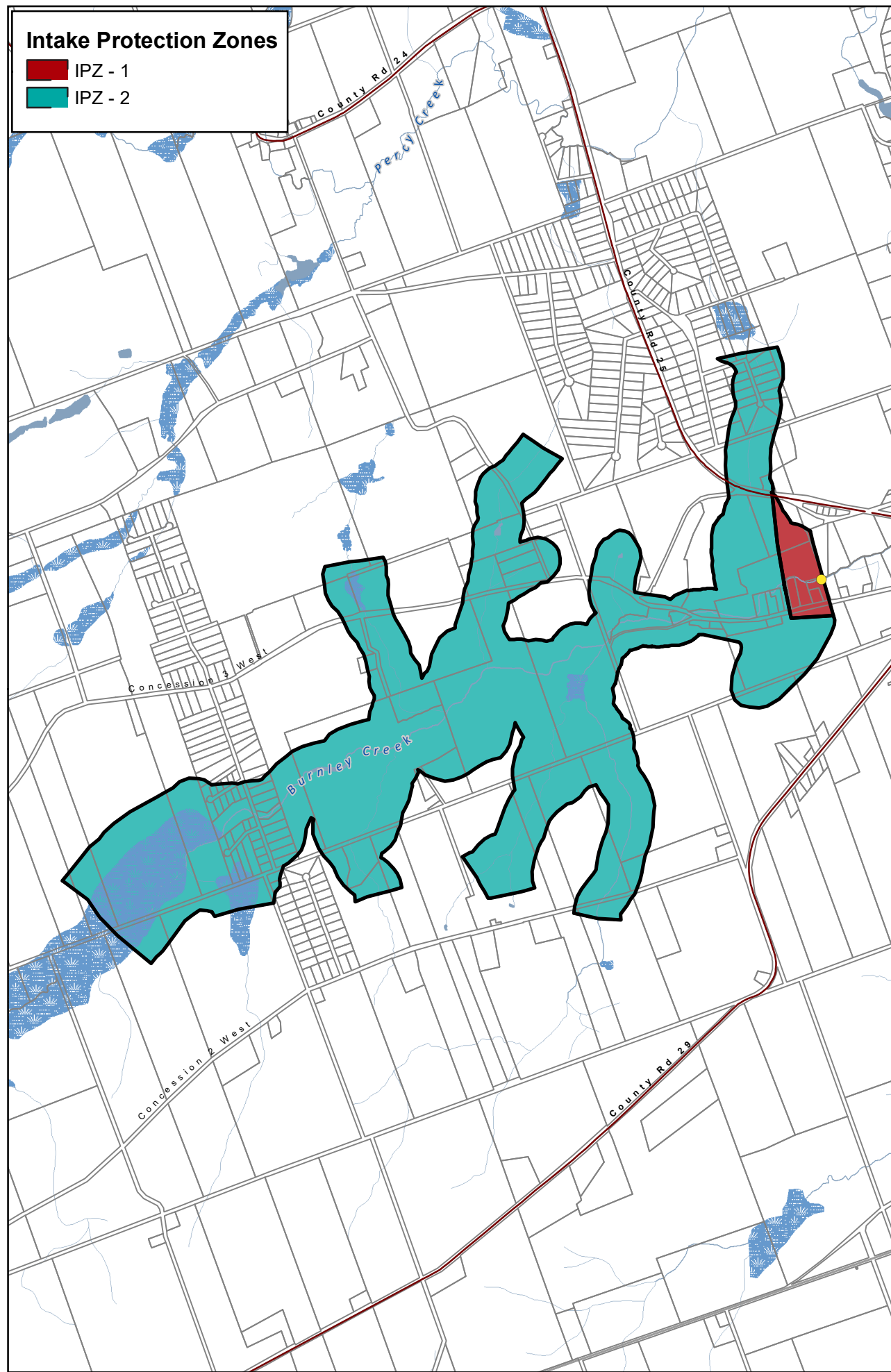
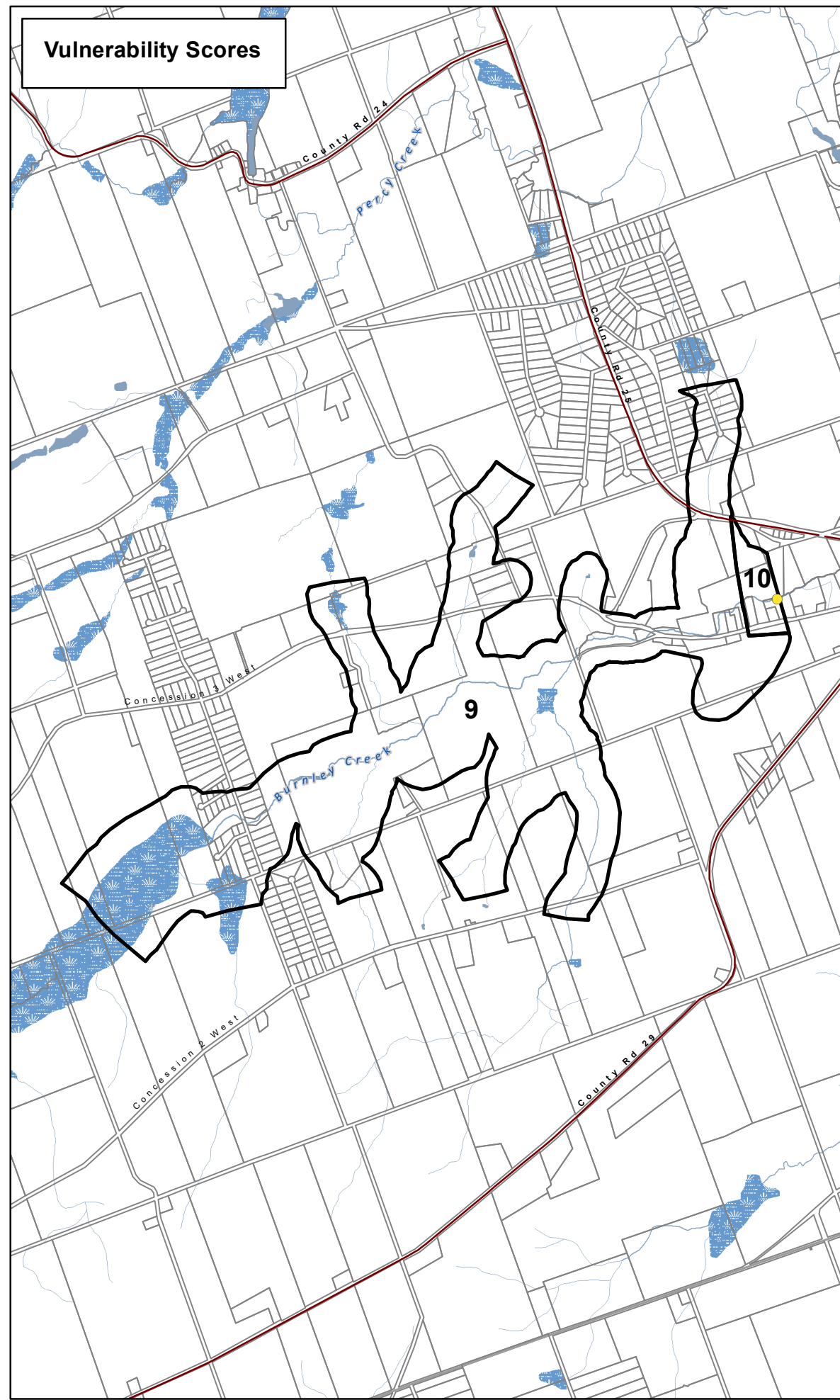


**Intake Protection Zones**

- IPZ - 1
- IPZ - 2



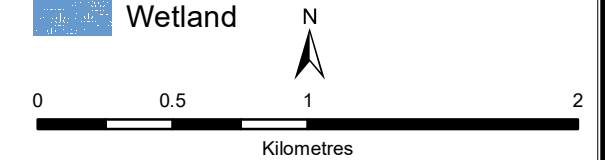
**Vulnerability Scores**



**Warkworth  
Municipal Surface  
Water System  
Lower Trent  
Source Protection Area  
Intake Protection Zones &  
Vulnerability Scores  
(IPZ 1 & 2)**

**Legend**

- Surface Water Intake
- Railway
- Watercourse
- Main Road
- Highway
- Multi Lane Highway
- Property Boundary
- Source Protection Region
- Source Protection Area
- Lower Tier Municipality
- Upper and Single Tier Municipality
- Waterbody
- Wetland

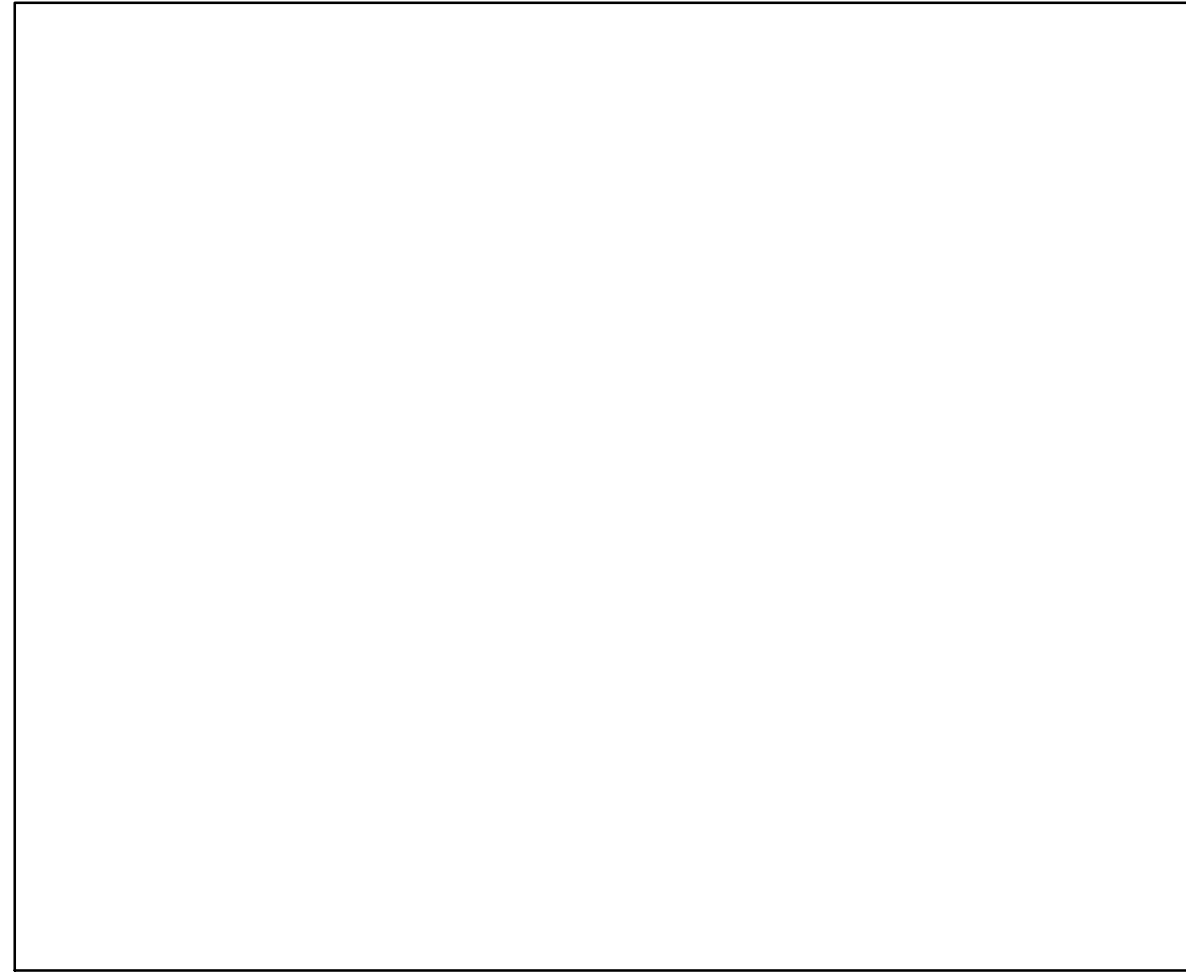
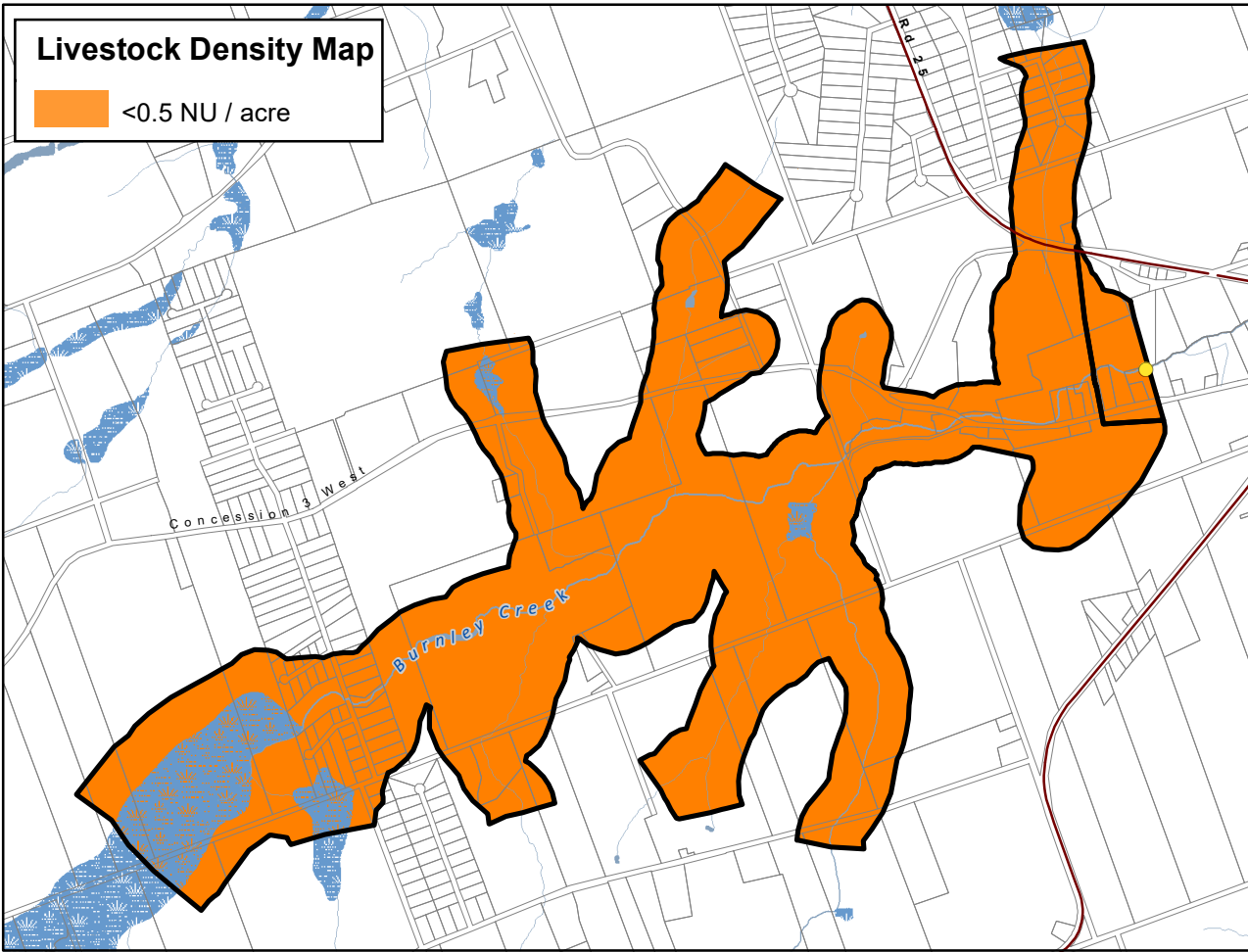
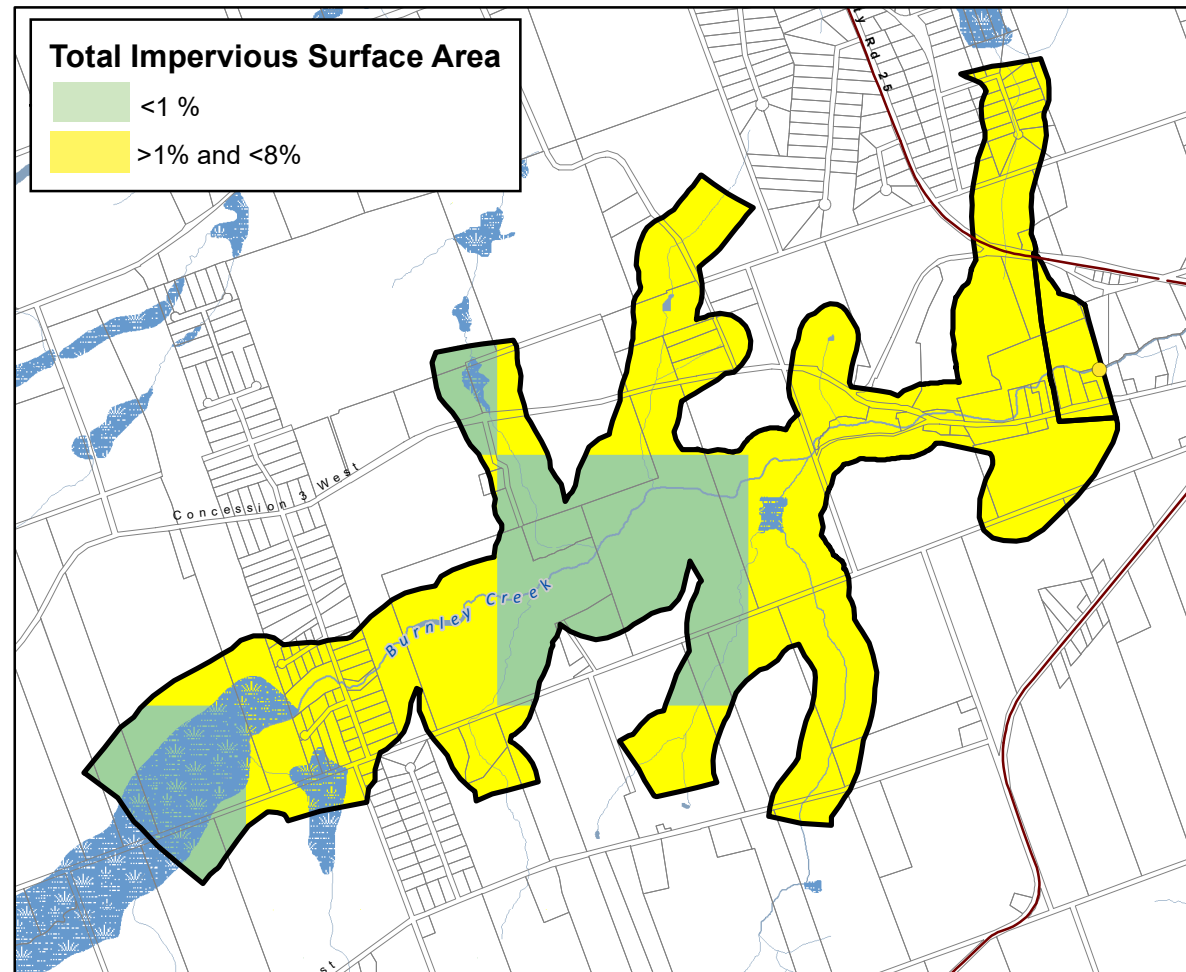
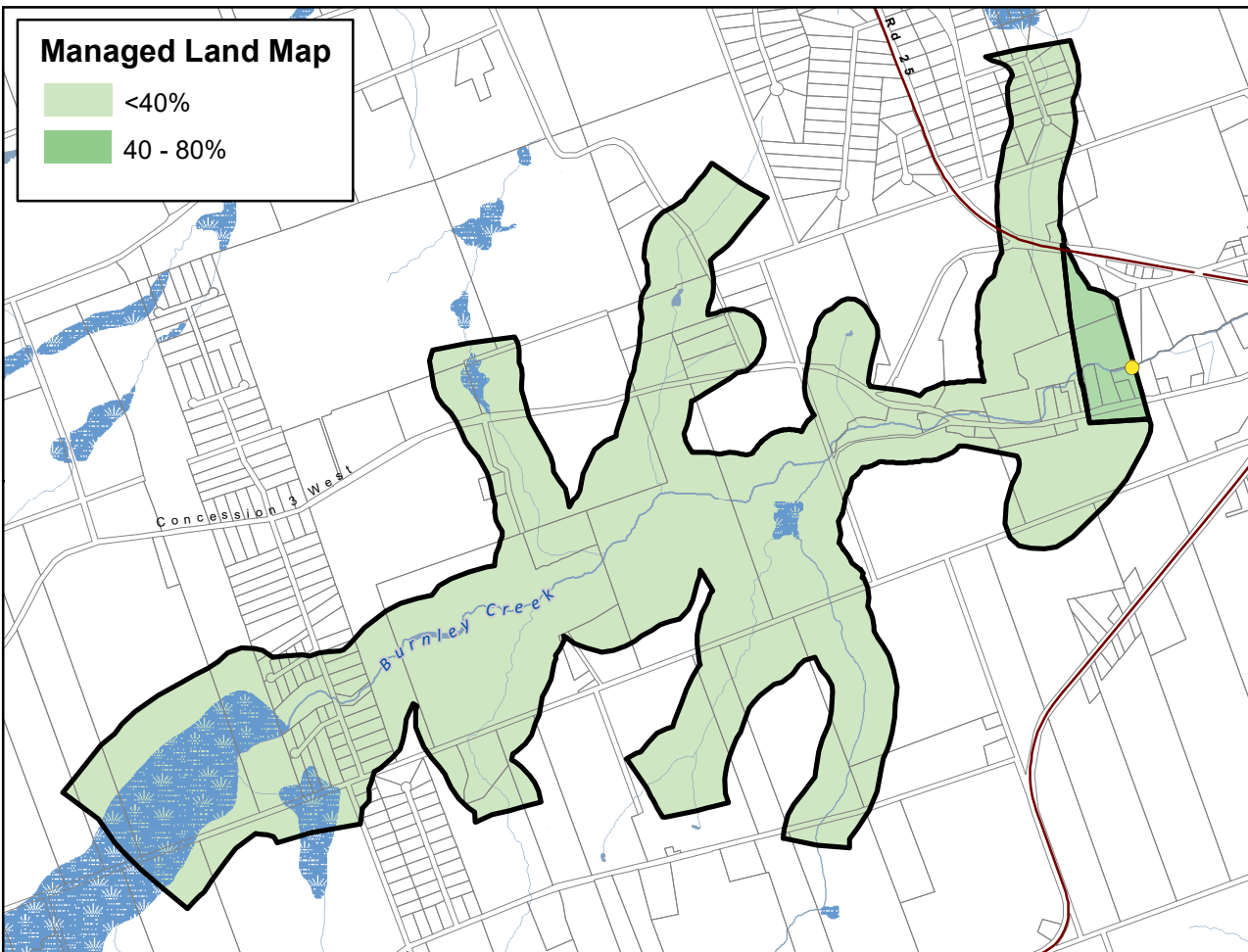


**Trent Conservation Coalition  
Source Protection Region**  
[www.trentsourceprotection.on.ca](http://www.trentsourceprotection.on.ca)

This map has been prepared for the purpose of meeting the provincial requirements under the Clean Water Act, 2006. If it is proposed to use it for another purpose, it would be advisable to first consult with the responsible conservation authority.

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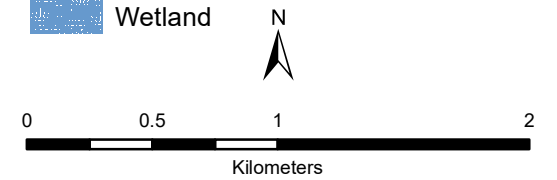


**Warkworth Municipal Surface Water System  
Lower Trent Source Protection Area**

**Managed Land, Livestock Density & Total Impervious Surface Area**

**Legend**

- Surface Water Intake
- +— Railway
- Watercourse
- Main Road
- Highway
- Multi Lane Highway
- Property Boundary
- Source Protection Region
- Source Protection Area
- Upper and Single Tier Municipality
- Lower Tier Municipality
- Waterbody
- Wetland

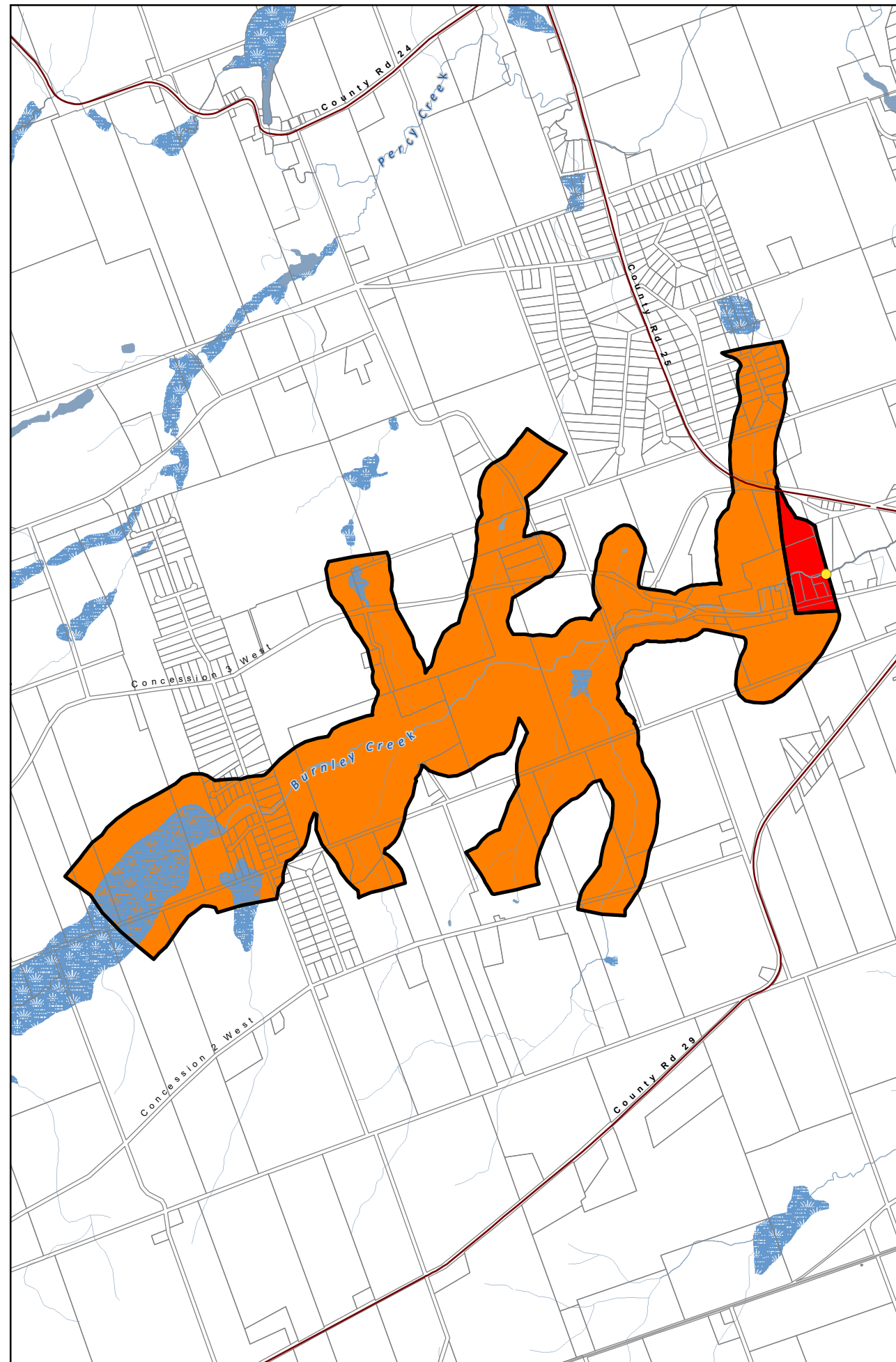


**Trent Conservation Coalition  
Source Protection Region**  
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CHEMICAL THREATS			
Area	Provincial Table of Circumstances		
	Significant	Moderate	Low
	Table 19 (CIPZ10S)	Table 23 (CIPZ10M)	Table 31 (CIPZWE10L)
	Table 20 (CIPZWE9S)	Table 24 (CIPZWE9M)	Table 32 (CIPZWE9L)

PATHOGEN THREATS			
Area	Provincial Table of Circumstances		
	Significant	Moderate	Low
	Table 45 (PIPZ10S)	Table 49 (PIPZWE10M)	Table 58 (PIPZ10L)
	Table 46 (PIPZWE9S)	Table 50 (PIPZWE9M)	Table 59 (PIPZWE9L)

These tables indicate where chemical and pathogen threats are (or would be for future activities) significant, moderate, or low in the Intake Protection Zone. The table numbers and codes refer to the Provincial Table of Circumstances that list the circumstances under which these threats can be significant, moderate, or low. The Provincial Tables of Circumstances can be accessed from: the source protection homepage of ontario.ca or the reports and legislation page of <http://trentsourceprotection.on.ca>



## Warkworth Municipal Surface Water System Lower Trent Source Protection Area

### Areas for Significant, Moderate, & Low Drinking Water Threats (Chemical & Pathogen Threats)

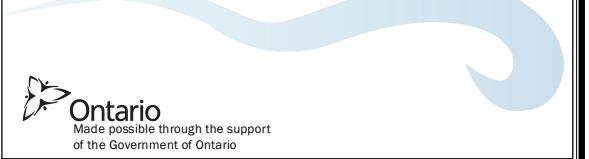
#### Legend

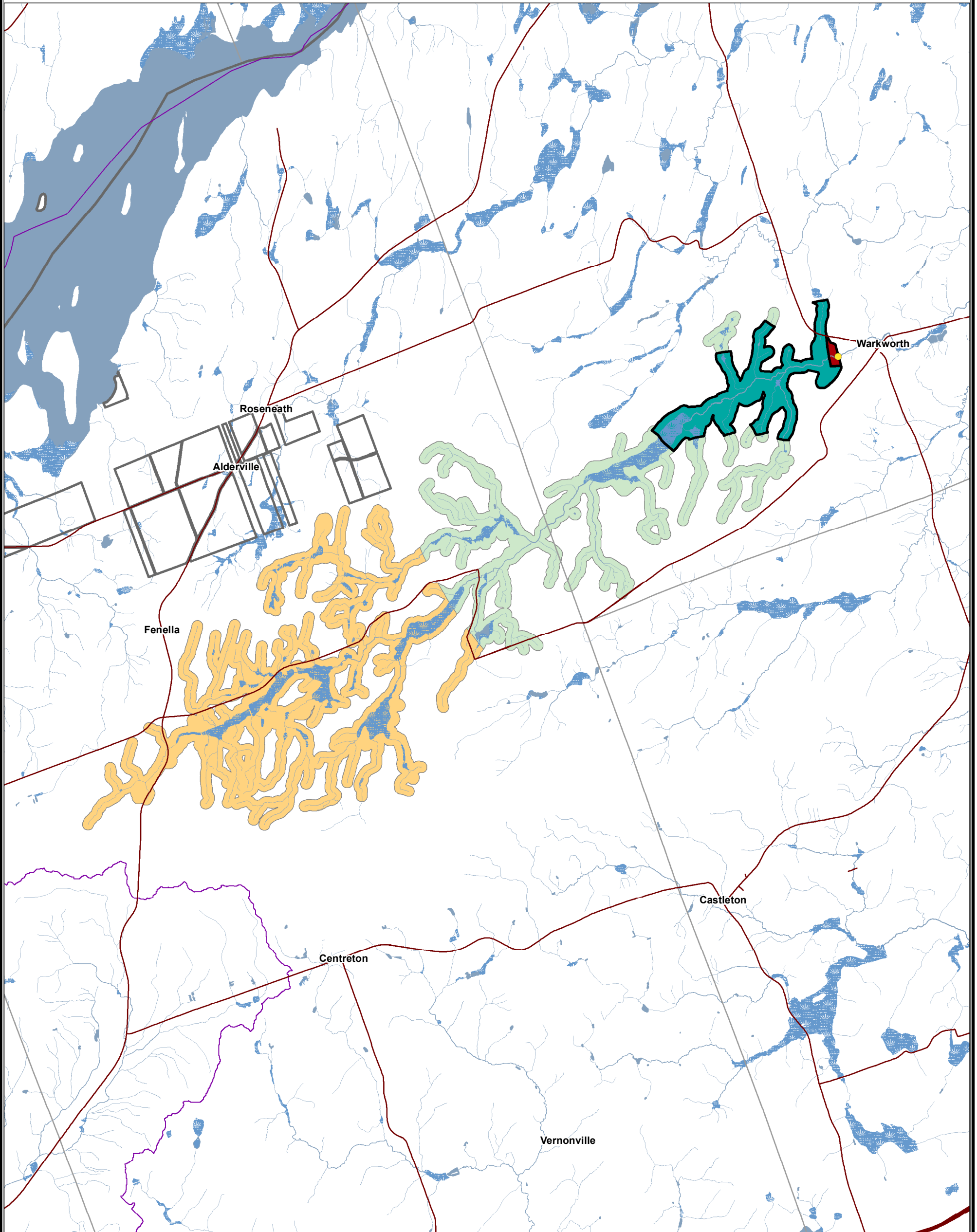
- Surface Water Intake
  - Railway
  - Watercourse
  - Main Road
  - Highway
  - Multi Lane Highway
  - Property Boundary
  - Source Protection Region
  - Source Protection Area
  - Lower Tier Municipality
  - Upper and Single Tier Municipality
  - Waterbody
  - Wetland
- N  
0 0.5 1 2  
Kilometers

**Trent Conservation Coalition  
Source Protection Region**  
[www.trentsourceprotection.on.ca](http://www.trentsourceprotection.on.ca)

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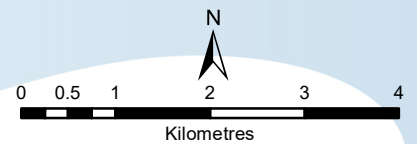
Waterbodies and watercourses located within the extent of an intake protection zone are included in that zone.

### Legend

- Surface Water Intake
- Railway
- Watercourse
- Main Road
- Highway
- Multi Lane Highway
- Source Protection Region
- Source Protection Areas
- Upper and Single Tier Municipality
- Lower Tier Municipality
- Waterbody
- Wetland

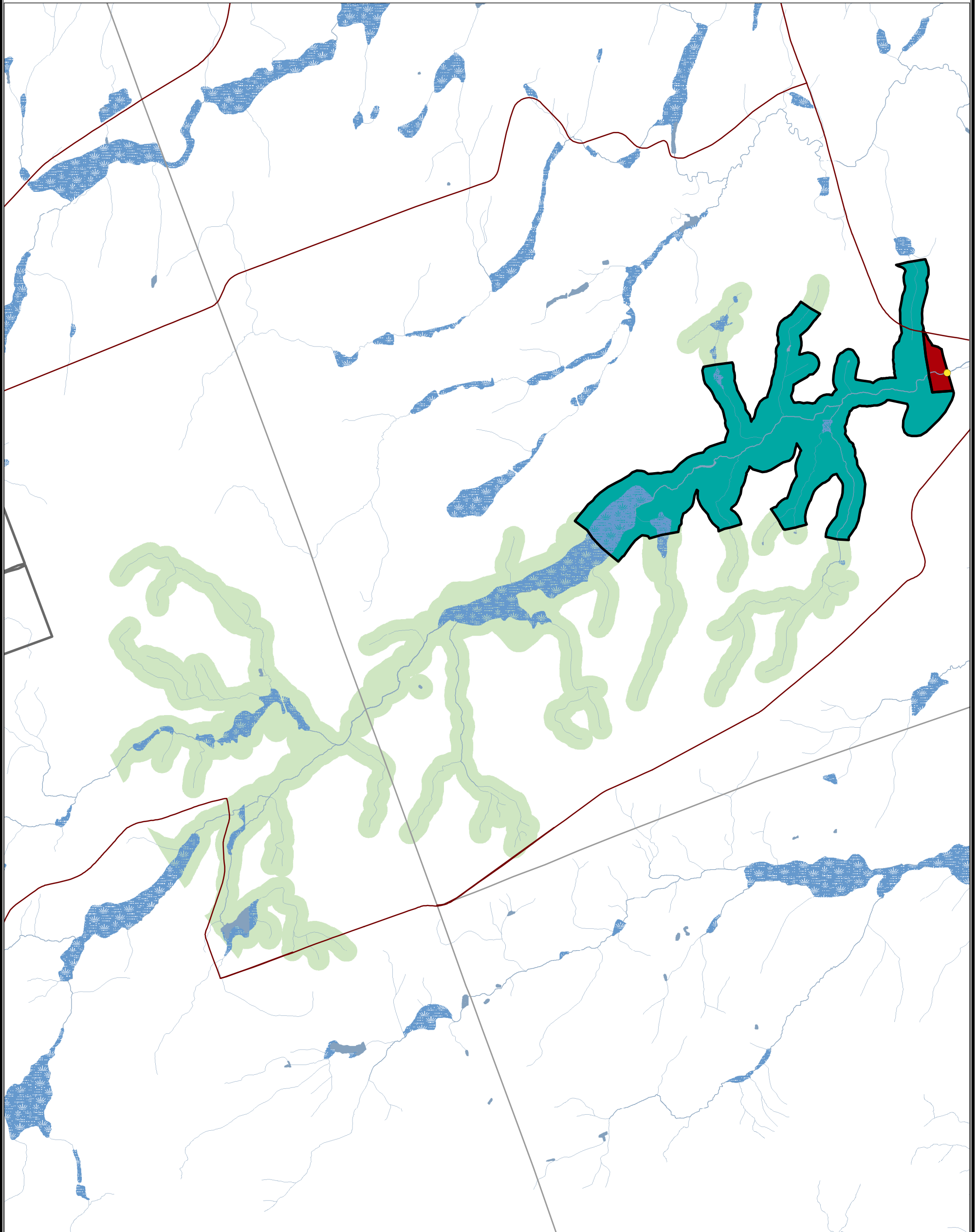
### Intake Protection Zones

- IPZ-1
- IPZ-2
- IPZ-3a (Vulnerability Score = 6)
- IPZ-3b (Vulnerability Score = 2)



**Trent Conservation Coalition  
Source Protection Region**

[www.trentsourceprotection.on.ca](http://www.trentsourceprotection.on.ca)

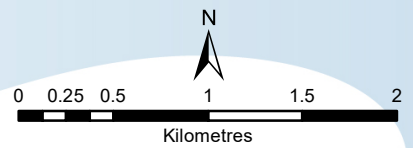


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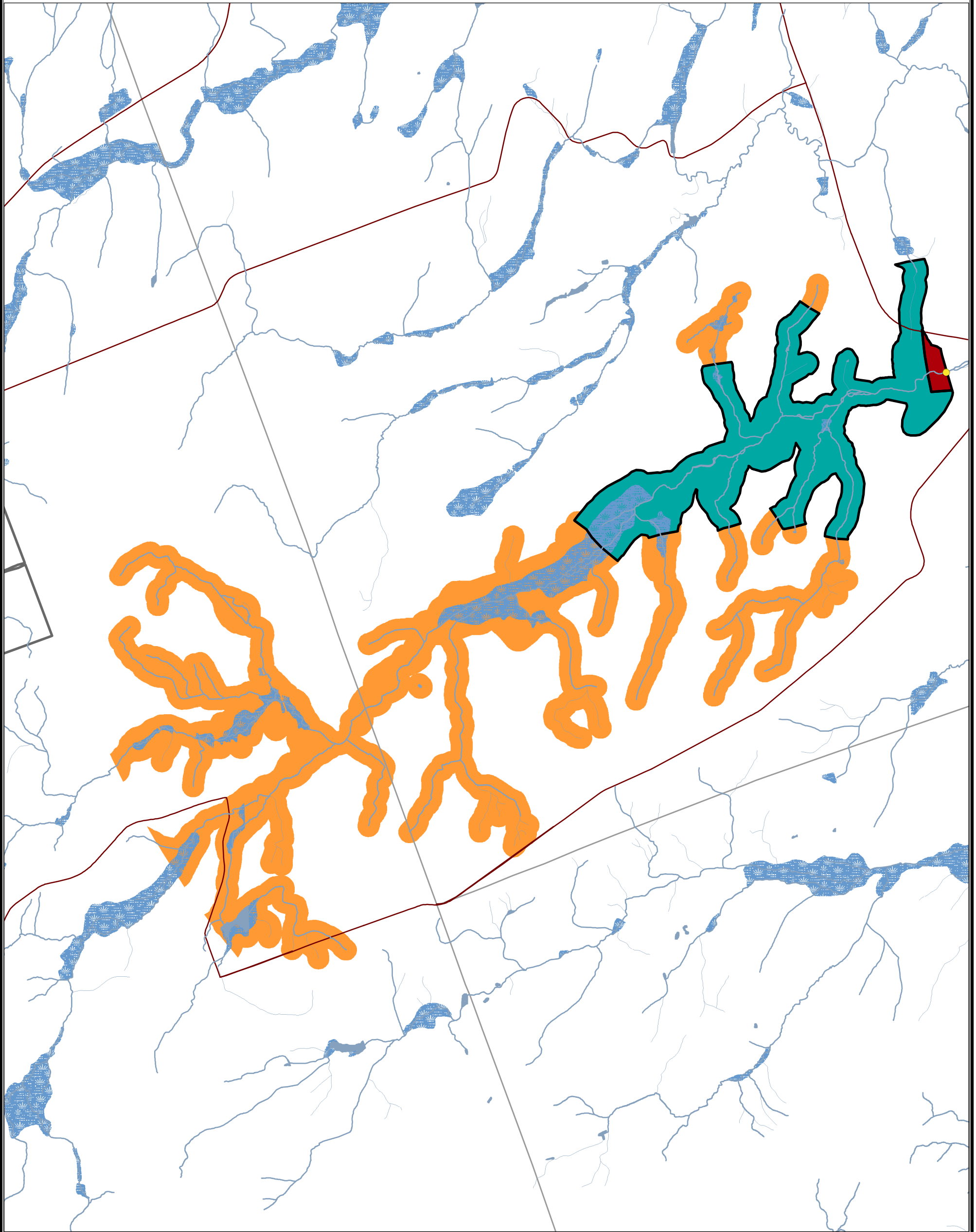
**Legend**

- Surface Water Intake
  - Railway
  - Watercourse
  - Main Road
  - Highway
  - Multi Lane Highway
  - Source Protection Region
  - Source Protection Areas
  - Upper and Single Tier Municipality
  - Lower Tier Municipality
  - Waterbody
  - Wetland
- Managed Lands <40%
  - Intake Protection Zones
  - IPZ-1
  - IPZ-2



**Trent Conservation Coalition Source Protection Region**

[www.trentsourceprotection.on.ca](http://www.trentsourceprotection.on.ca)



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**Legend**

- Surface Water Intake
- Railway
- Watercourse
- Main Road
- Highway
- Multi Lane Highway
- Source Protection Region
- Source Protection Areas
- Upper and Single Tier Municipality
- Lower Tier Municipality
- Waterbody
- Wetland

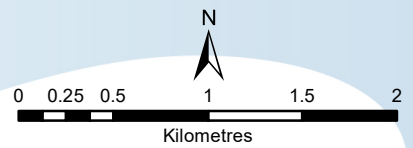
**Livestock Density**

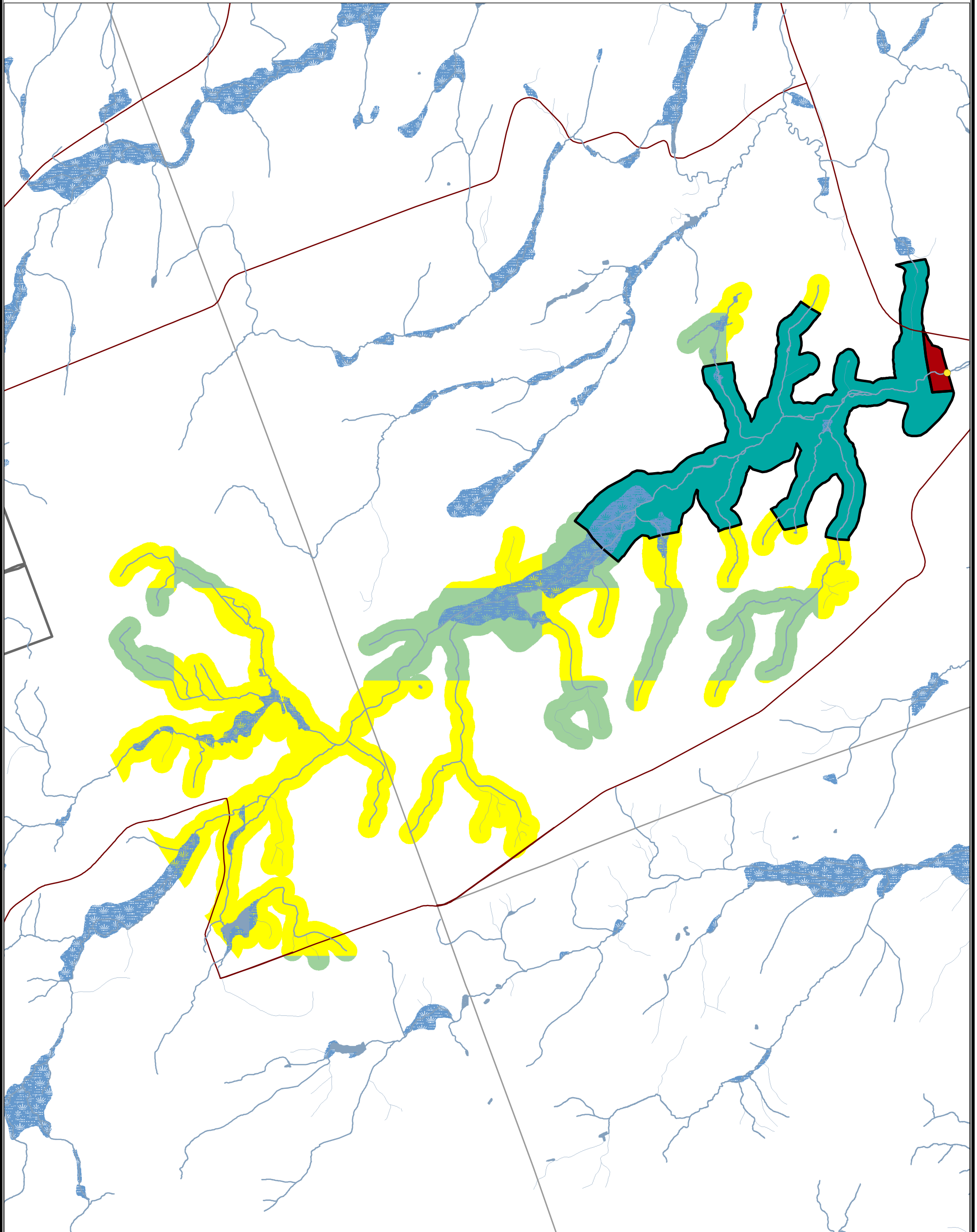
<math><0.5\text{ NU/acre}</math>

**Intake Protection Zones**

IPZ-1

IPZ-2

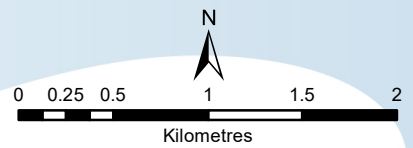




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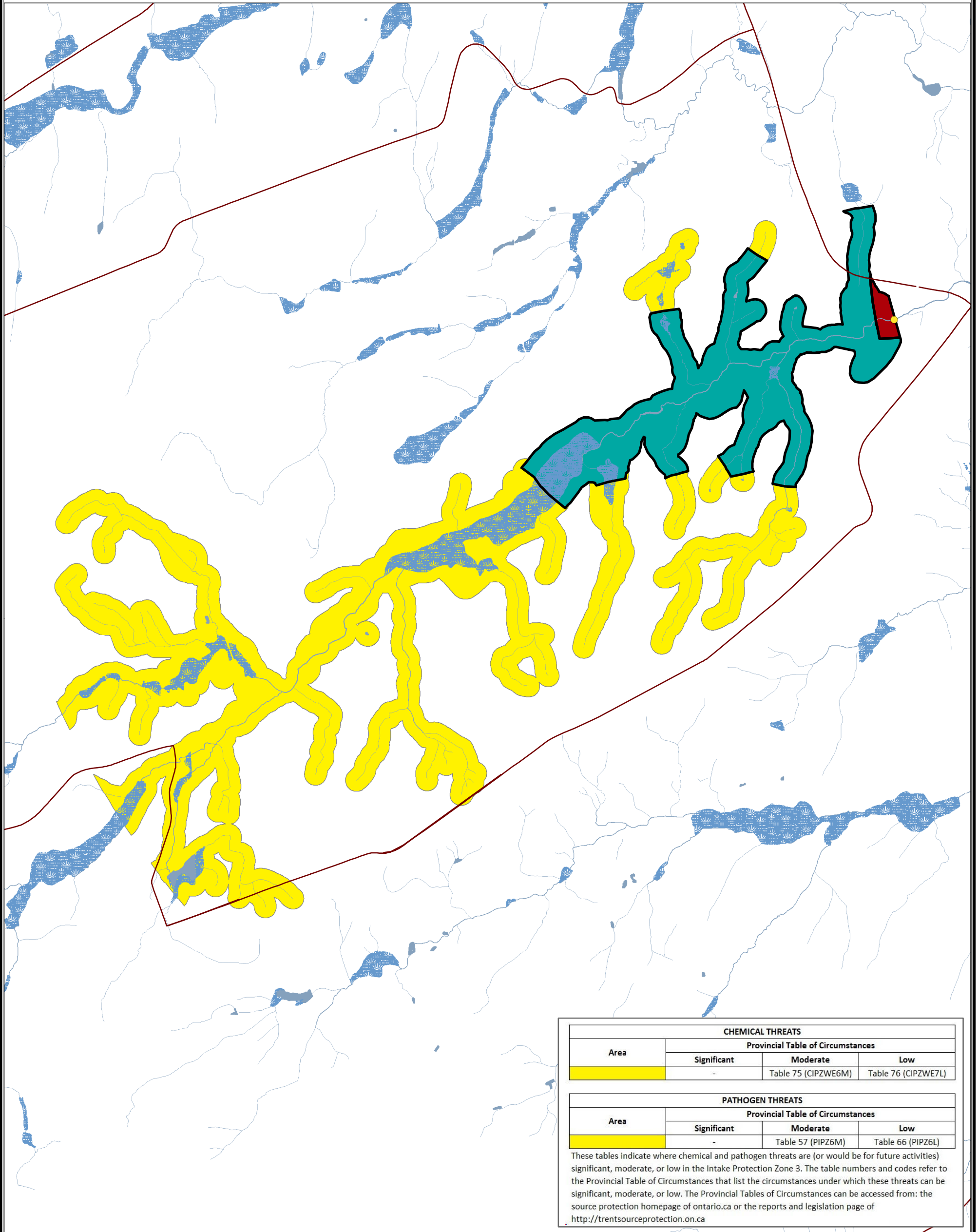
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- Legend**
- Surface Water Intake
  - Railway
  - Watercourse
  - Main Road
  - Highway
  - Multi Lane Highway
  - Source Protection Region
  - Source Protection Areas
  - Upper and Single Tier Municipality
  - Lower Tier Municipality
  - Waterbody
  - Wetland
- Impervious Surface Area**
- <1%
  - >1% and <8%
  - >8% and <80%
- Intake Protection Zones**
- IPZ-1
  - IPZ-2



**Trent Conservation Coalition**  
**Source Protection Region**

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CHEMICAL THREATS			
Area	Provincial Table of Circumstances		
	Significant	Moderate	Low
	-	Table 75 (CIPZWE6M)	Table 76 (CIPZWE7L)

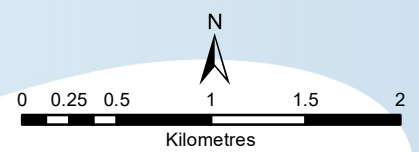
PATHOGEN THREATS			
Area	Provincial Table of Circumstances		
	Significant	Moderate	Low
	-	Table 57 (PIPZ6M)	Table 66 (PIPZ6L)

These tables indicate where chemical and pathogen threats are (or would be for future activities) significant, moderate, or low in the Intake Protection Zone 3. The table numbers and codes refer to the Provincial Table of Circumstances that list the circumstances under which these threats can be significant, moderate, or low. The Provincial Tables of Circumstances can be accessed from: the source protection homepage of ontario.ca or the reports and legislation page of <http://trentsourceprotection.on.ca>

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- Legend**
- Surface Water Intake
  - Railway
  - Watercourse
  - Main Road
  - Highway
  - Multi Lane Highway
  - Source Protection Region
  - Source Protection Areas
  - Upper and Single Tier Municipality
  - Lower Tier Municipality
  - Waterbody
  - Wetland
- Intake Protection Zones**
- IPZ-1
  - IPZ-2
  - IPZ-3a



**Trent Conservation Coalition**  
**Source Protection Region**

[www.trentsourceprotection.on.ca](http://www.trentsourceprotection.on.ca)