Intake Protection Zones

- IPZ-1
- IPZ-2
- Transport Pathway

Vulnerability Scores

9

10

Trent River

Harrington Rd

Glen Miller Rd

Bata Rd

Frankford-Stirling Rd

McCauley Rd

Johnstown Rd

Stockdale Rd

Miron Rd

401

DRINKING WATER SOURCE PROTECTION
ACT FOR CLEAN WATER

Trenton 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
- Upper and Single Tier Municipality
- Lower Tier Municipality
- Waterbody
- Wetland

N

0 0.5 1 2

Kilometres

Trent Conservation Coalition Source Protection Region

www.trentsourceprotection.on.ca

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PRODUCED BY Lower Trent Conservation on behalf of the Trent Conservation Coalition Source Protection Committee, March 2011
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Waterbodies and watercourses located within the extent of an intake protection zone are included in that zone.

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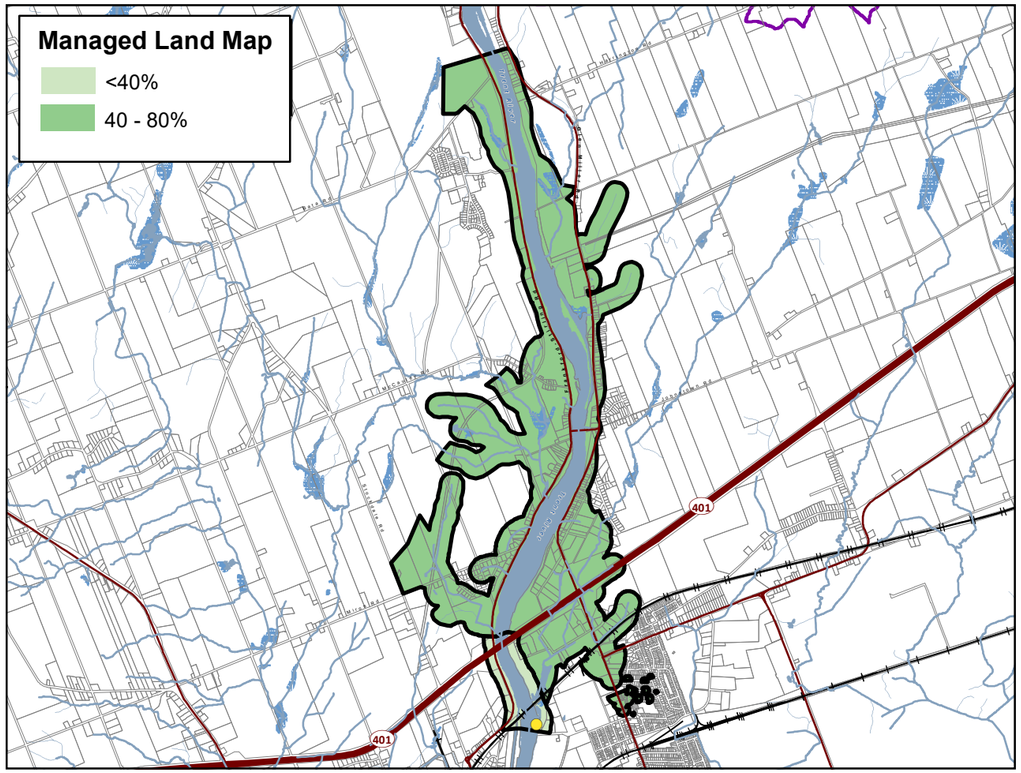

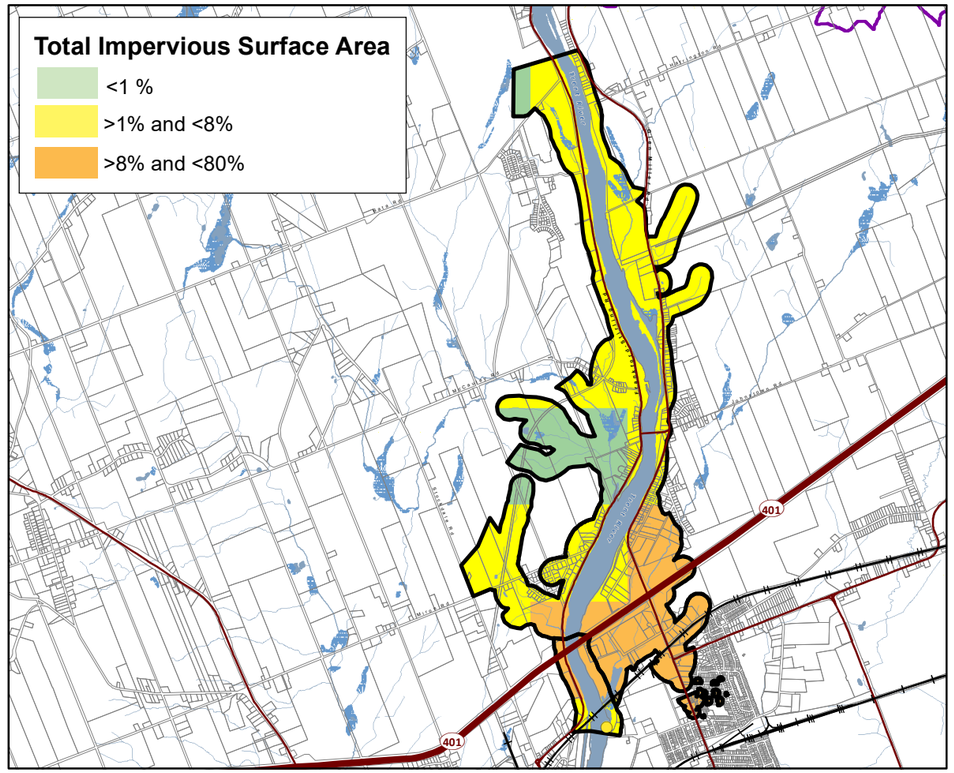

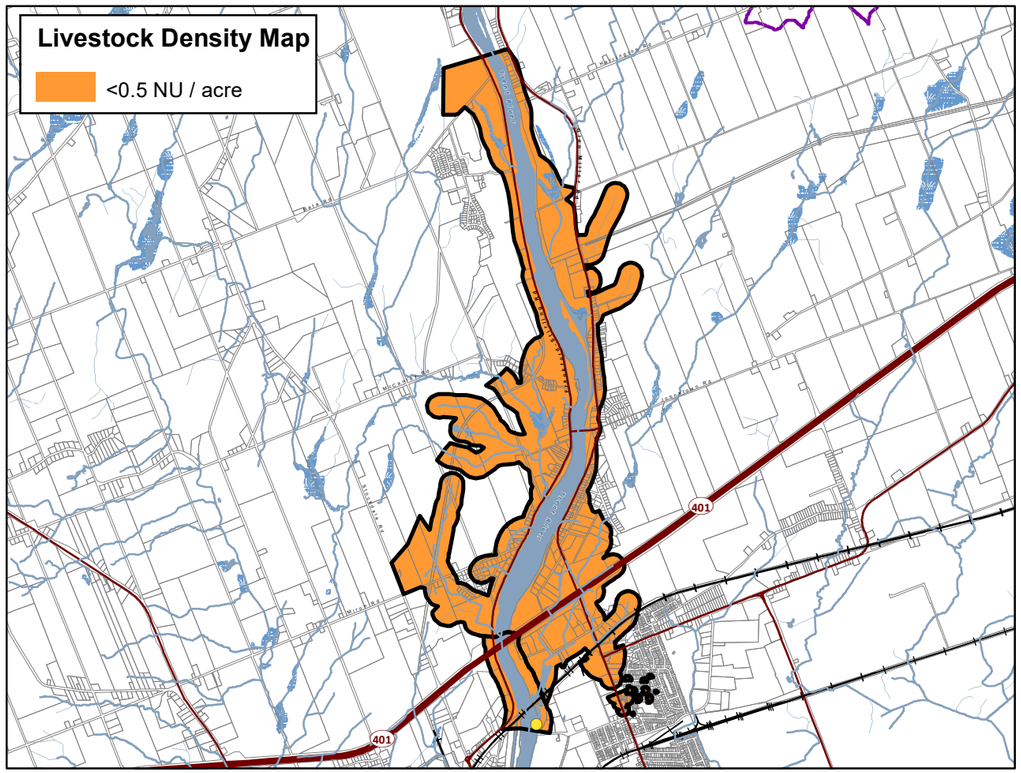

DRINKING WATER SOURCE PROTECTION
ACT FOR CLEAN WATER

Trenton Municipal Surface Well 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

N

0 1 2 4

Kilometers

Trent Conservation Coalition Source Protection Region

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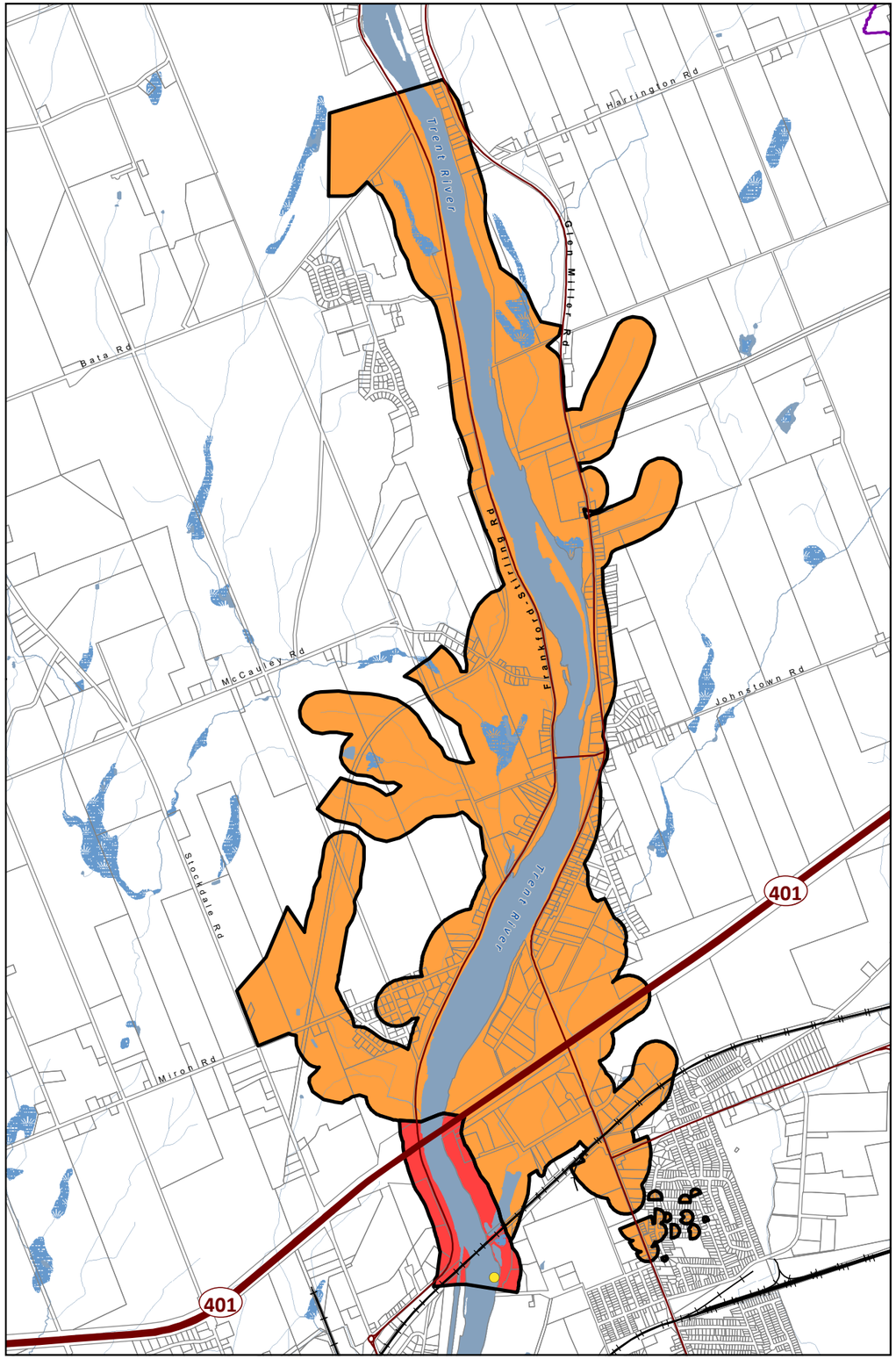
Trent Assessment Report Map 4-14b



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

DRINKING WATER SOURCE PROTECTION
ACT FOR CLEAN WATER

Trenton 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
- Upper and Single Tier Municipality
- Lower Tier Municipality
- Waterbody
- Wetland

N

0 0.5 1 2

Kilometers

Trent Conservation Coalition Source Protection Region

www.trentsourceprotection.on.ca

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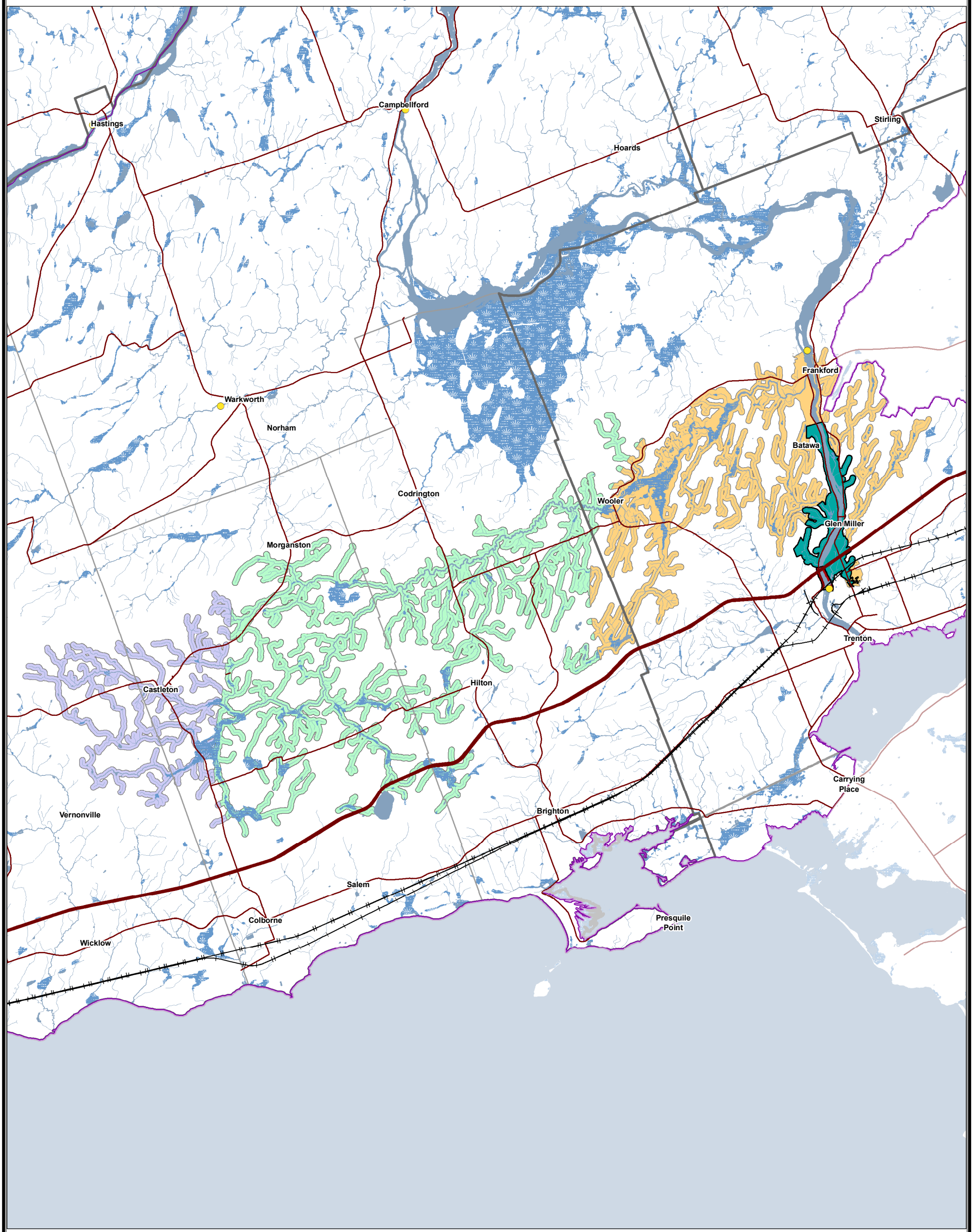
DRINKING WATER SOURCE PROTECTION
ACT FOR CLEAN WATER

Trenton Municipal Surface Water System

Lower Trent Source Protection Area

Intake Protection Zones & Vulnerability Scores (IPZ - 3)



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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 (Vulnerabilty Score = 6)
- IPZ-3b (Vulnerabilty Score = 3)
- IPZ-3c (Vulnerabilty Score = 2)

N

0 1.25 2.5 5 7.5 10

Kilometres

Trent Conservation Coalition Source Protection Region

www.trentsourceprotection.on.ca

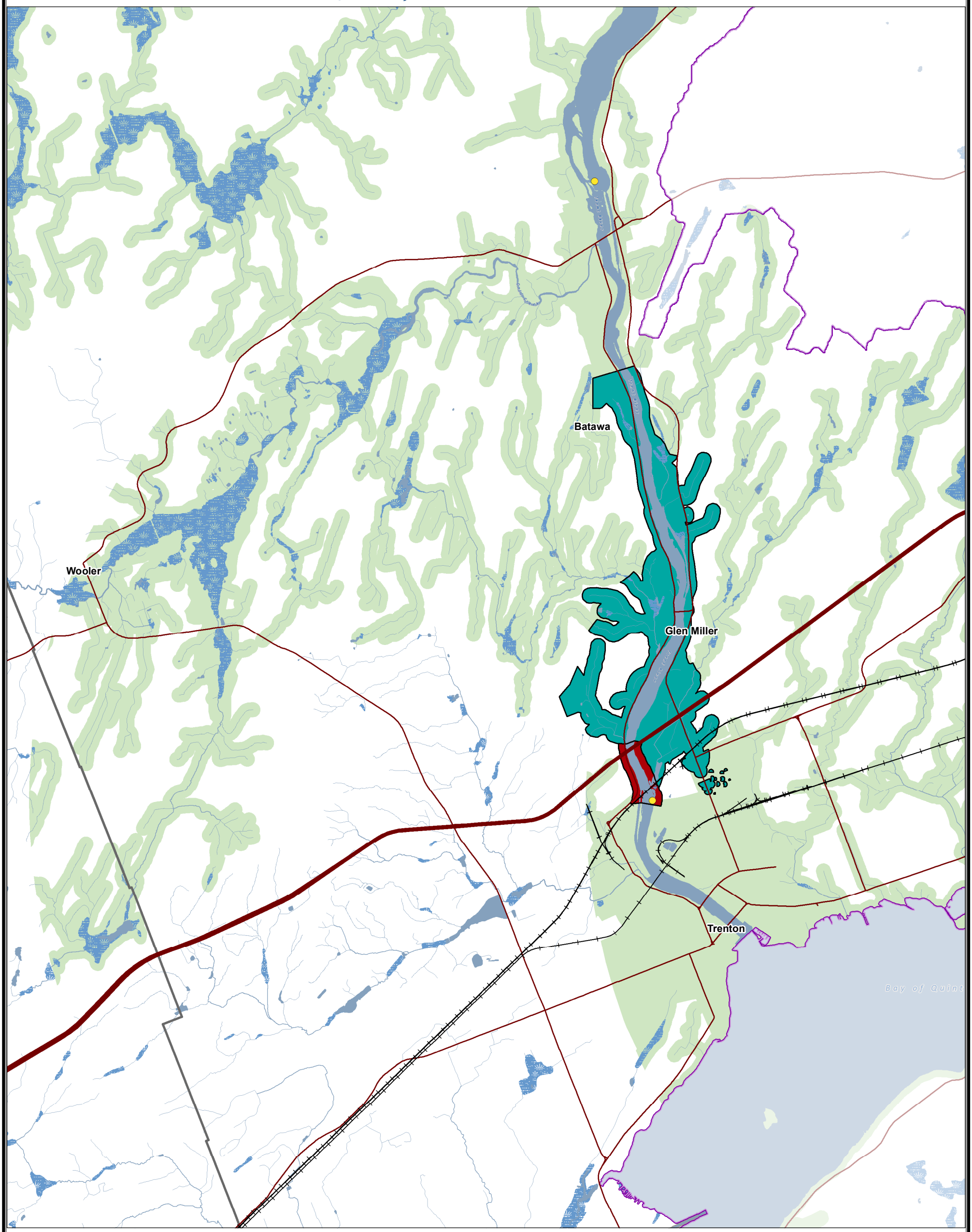
Trent Assessment Report Map 4-14d

DRINKING WATER SOURCE PROTECTION
ACT FOR CLEAN WATER

Trenton Municipal Surface Water System

Lower Trent Source Protection Area

Intake Protection Zones 3A: Managed Lands



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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

N

0 0.5 1 2 3 4
Kilometres

Trent Conservation Coalition Source Protection Region

www.trentsourceprotection.on.ca

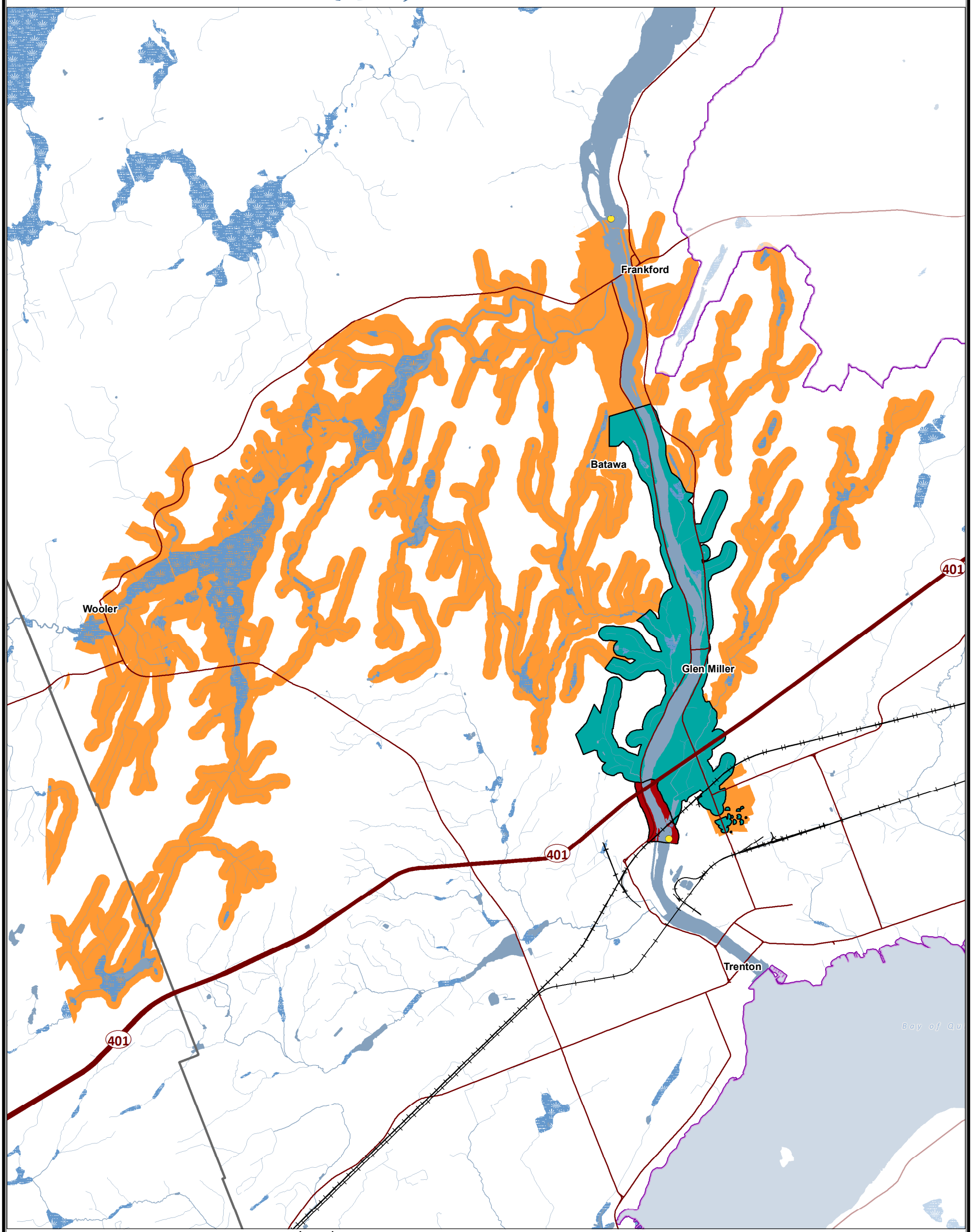
Trent Assessment Report Map 4-14e

DRINKING WATER SOURCE PROTECTION
ACT FOR CLEAN WATER

Trenton Municipal Surface Water System

Lower Trent Source Protection Area

Intake Protection Zones 3A: Livestock Density



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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

- <0.5 NU/acre

Intake Protection Zones

- IPZ-1
- IPZ-2
- IPZ-3a (Vulnerabilty Score = 6)

N

0 0.5 1 2 3 4

Kilometres

Trent Conservation Coalition Source Protection Region

www.trentsourceprotection.on.ca

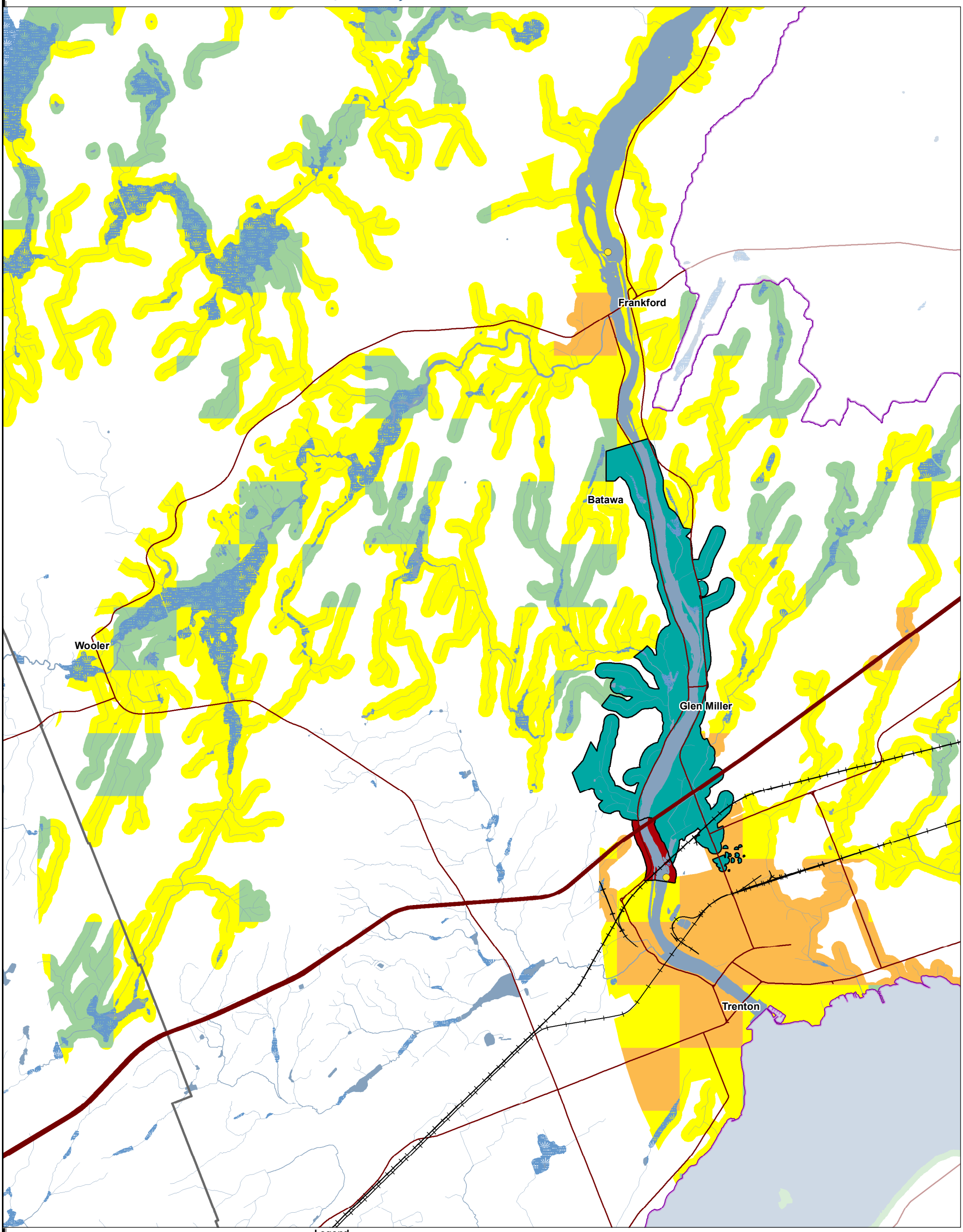
Trent Assessment Report Map 4-14f

DRINKING WATER SOURCE PROTECTION
ACT FOR CLEAN WATER

Trenton Municipal Surface Water System

Lower Trent Source Protection Area

Intake Protection Zone 3A: Total Impervious Surface Area Map



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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

N

0 0.5 1 2 3 4
Kilometres

Trent Conservation Coalition Source Protection Region

www.trentsourceprotection.on.ca

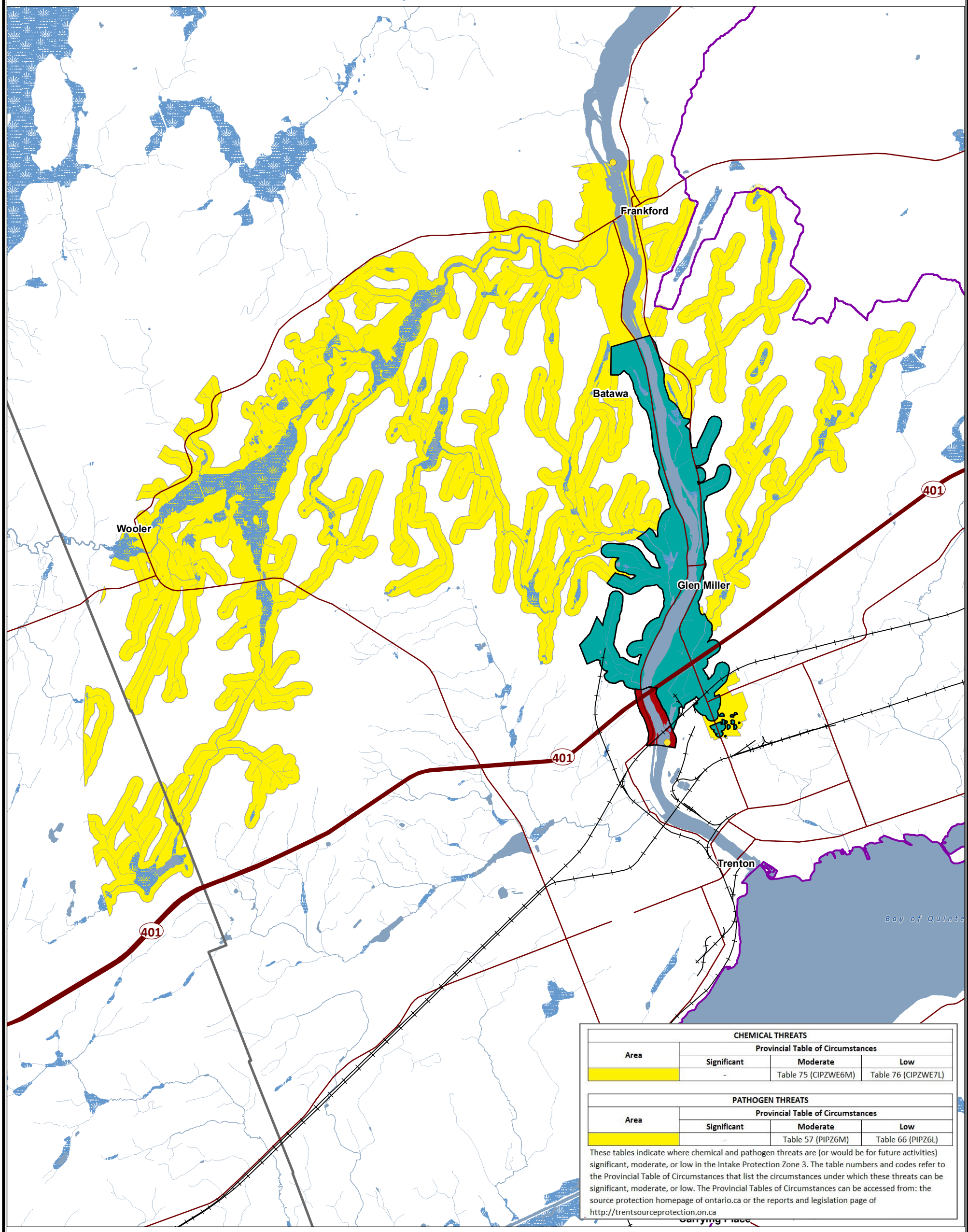
Trent Assessment Report Map 4-14g

DRINKING WATER SOURCE PROTECTION
ACT FOR CLEAN WATER

Trenton Municipal Surface Water System

Lower Trent Source Protection Area

Intake Protection Zones 3A: Areas for Threats



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
- Railroad
- Watercourse
- Roads
- Highways
- Multi Lane Highway
- Upper and Single Tier Municipality
- Source Protection Region
- Source Protection Areas
- Waterbody
- Wetland

Intake Protection Zones

- IPZ-1
- IPZ-2
- IPZ-3a (Vulnerabilty Score = 6)

N

0 0.5 1 2 3 4
Kilometres

Trent Conservation Coalition Source Protection Region

www.trentsourceprotection.on.ca

Trent Assessment Report Map 4-14h