

**Quinte CONSERVATION**

Moira River, Napanee Region and Prince Edward Region Watersheds.  
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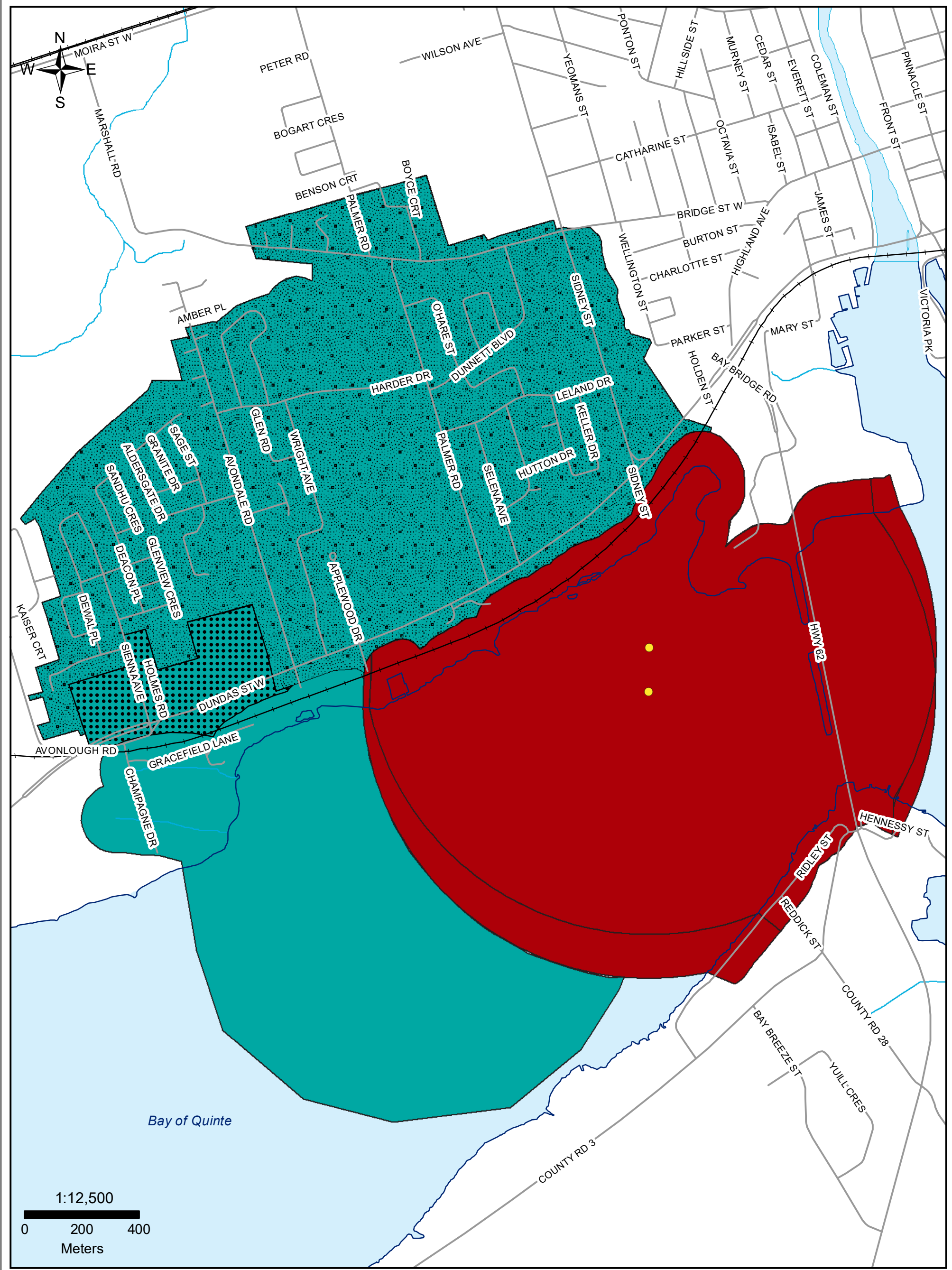

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 Soil Data - Ministry of Natural Resources

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**Legend**

- Towns and Cities
- Southern Boundary of the Canadian Shield
- Highway 401
- Rivers
- Lakes
- Counties
- Quinte Watershed
- QC Bay of Quinte Contributing Area
- Bay of Quinte Watershed

# Map 6.1 Bay of Quinte Catchment Area

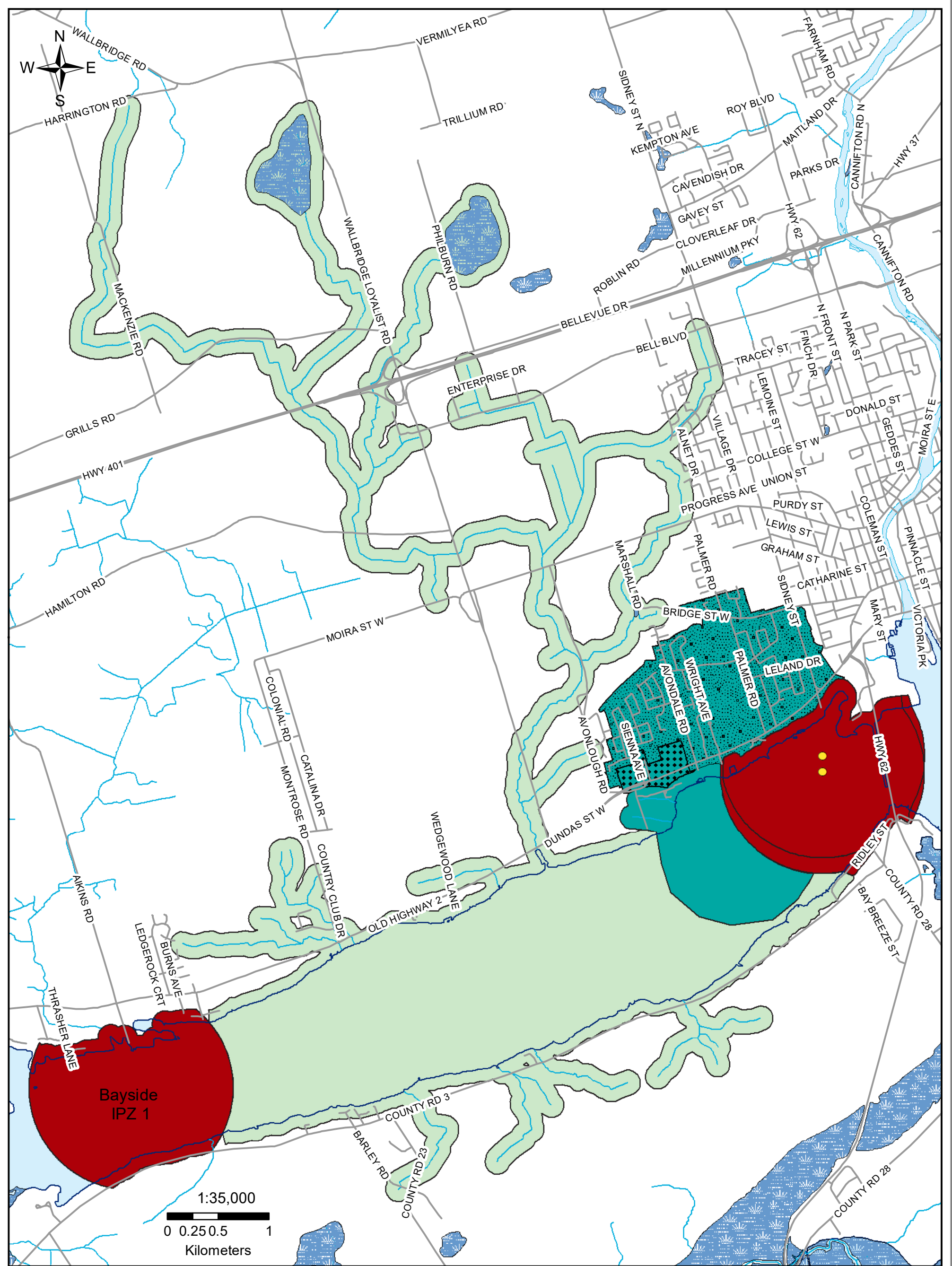



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 Intake Locations - Ministry of the Environment  
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**Legend**

	Intake		Transport Pathway		IPZ 1
	Railroad		Storm Sewershed		IPZ 2
	Shoreline				

**Map 6.2 Belleville Intake Protection Zones 1 & 2**



### Legend

- Intake
- Roads
- Creeks
- Shoreline
- IPZ 1
- IPZ 2
- IPZ 3
- Transport Pathway
- Storm Sewershed
- Wetlands

## Map 6.3 Belleville Intake Protection Zones 1, 2, & 3

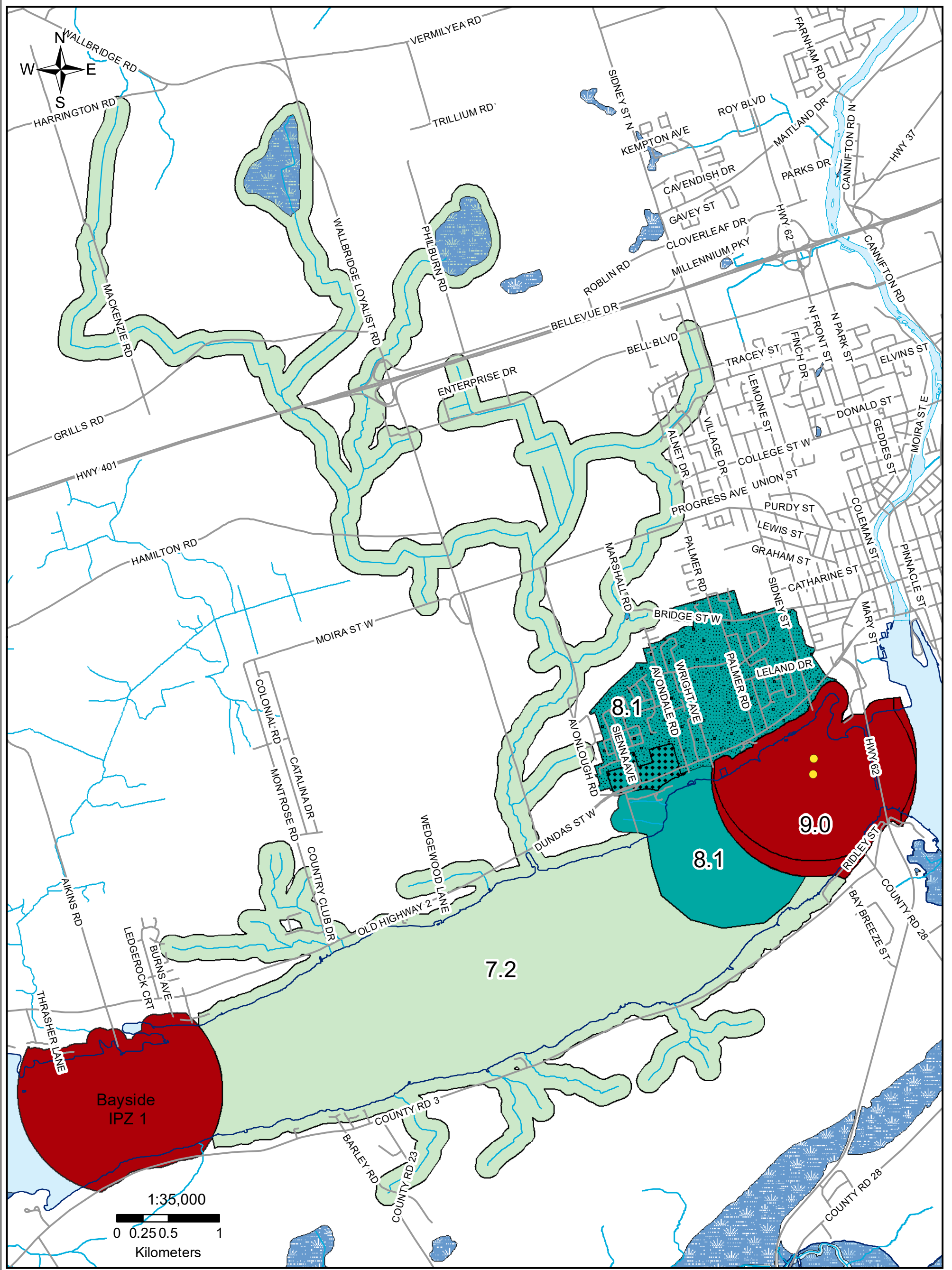



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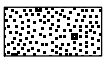



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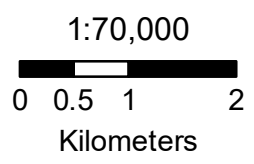
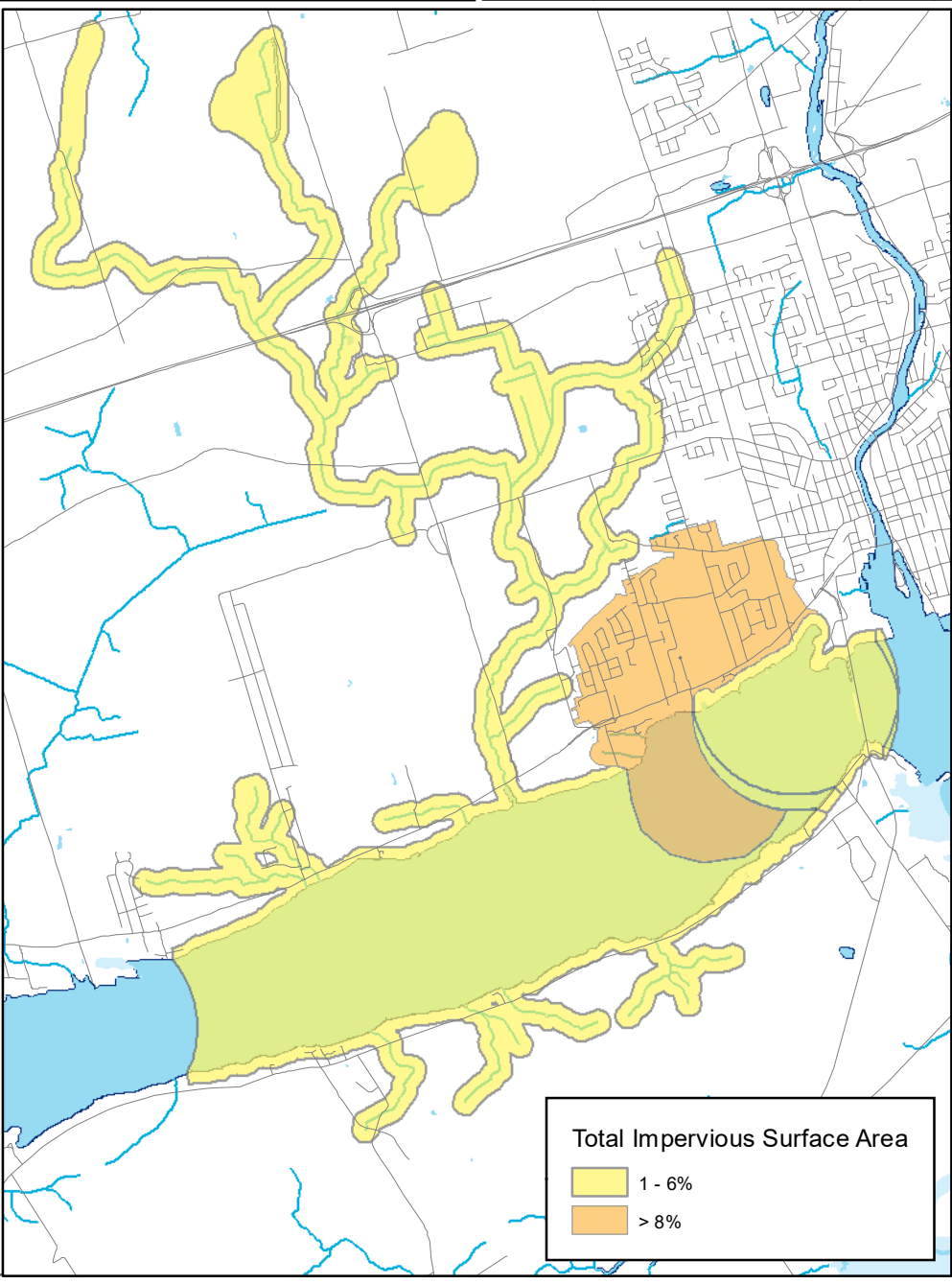
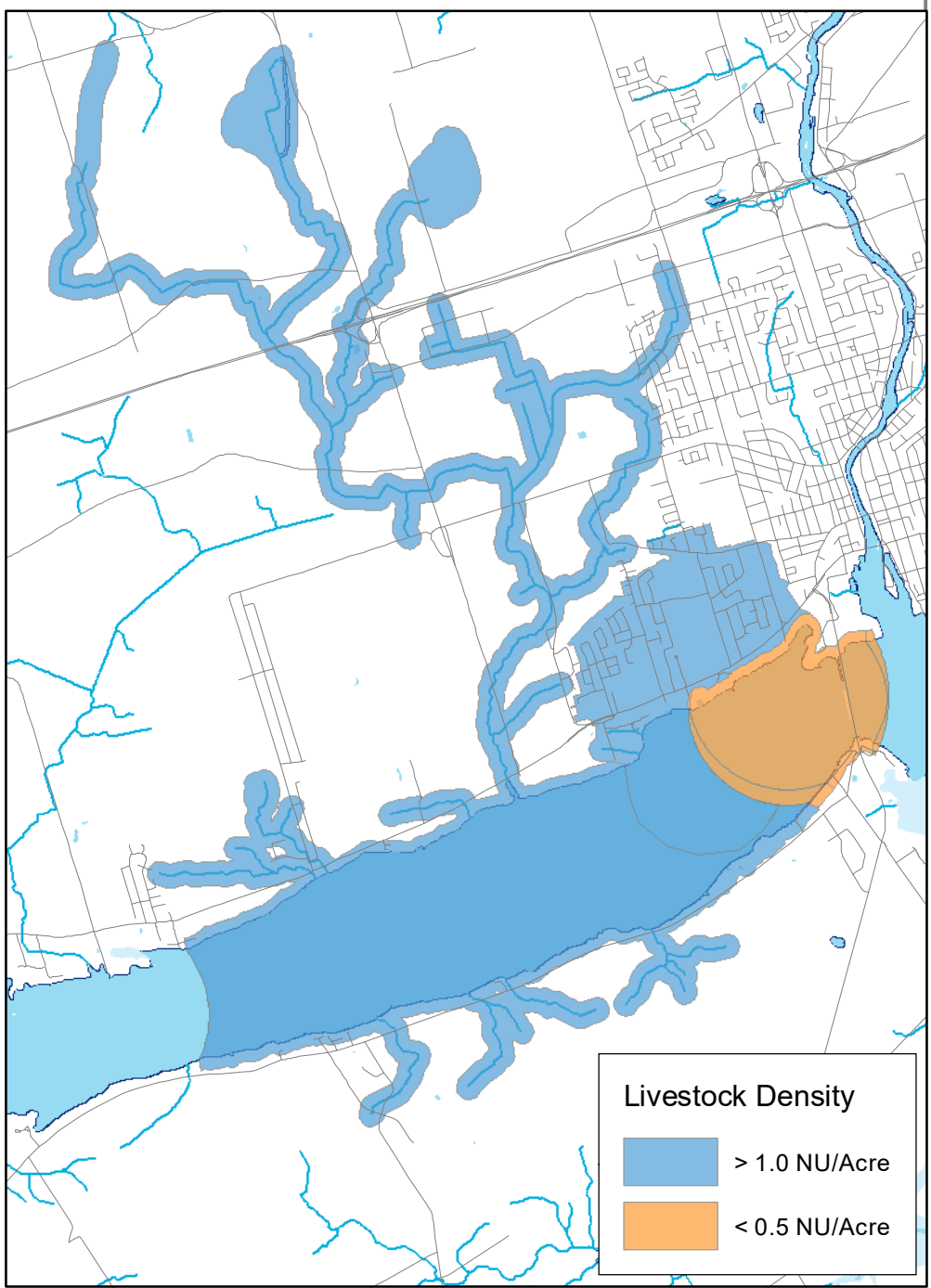
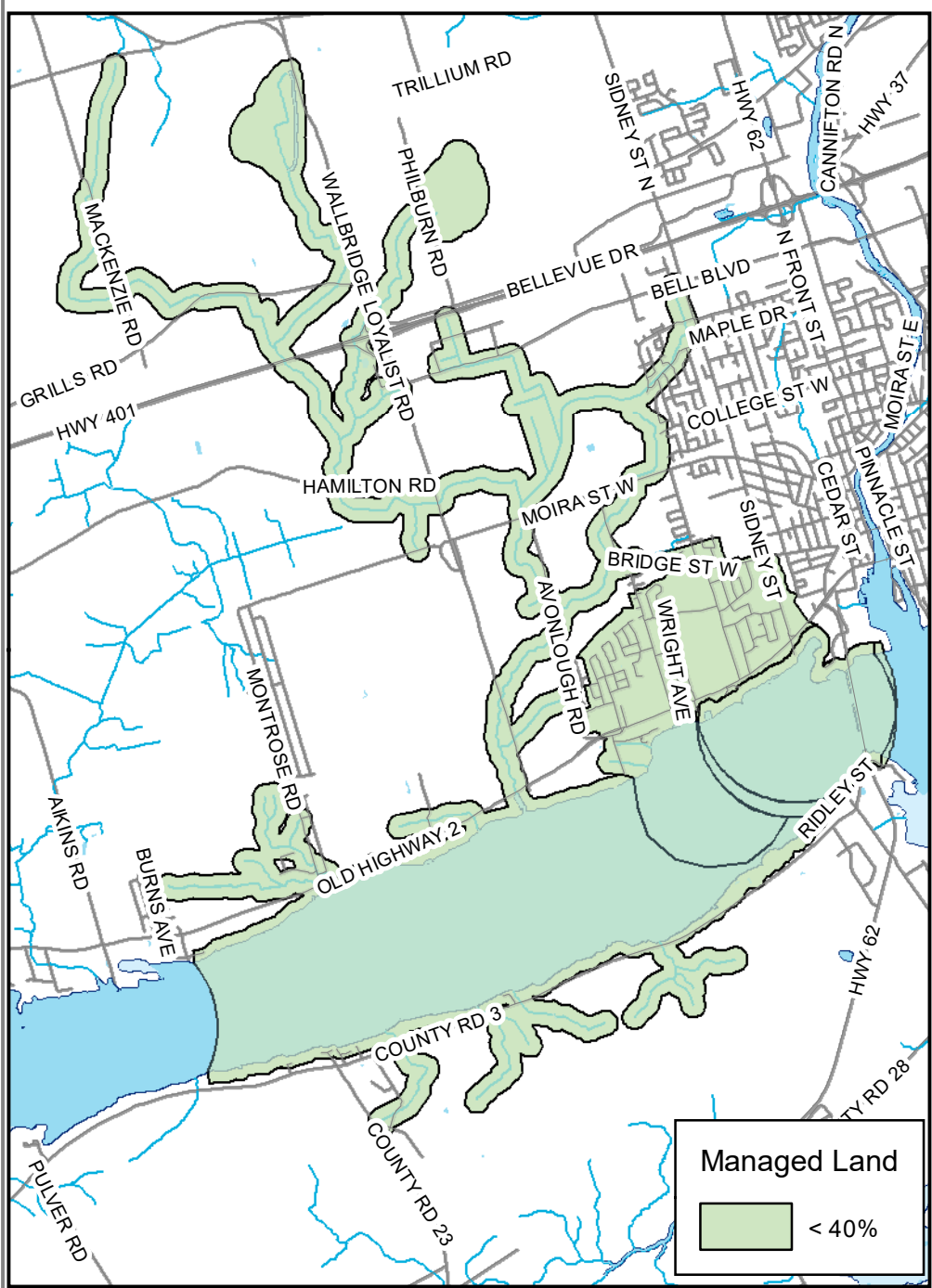
Digital Mapping Sources:  
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**Legend**

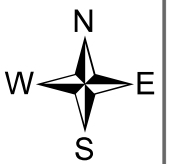
	Intake		Vulnerability=9.0		Wetlands
	Shoreline		Vulnerability=8.1		Storm Sewershed
	Creeks		Vulnerability=7.2		Transport Pathway

**Map 6.4 Belleville Vulnerability**

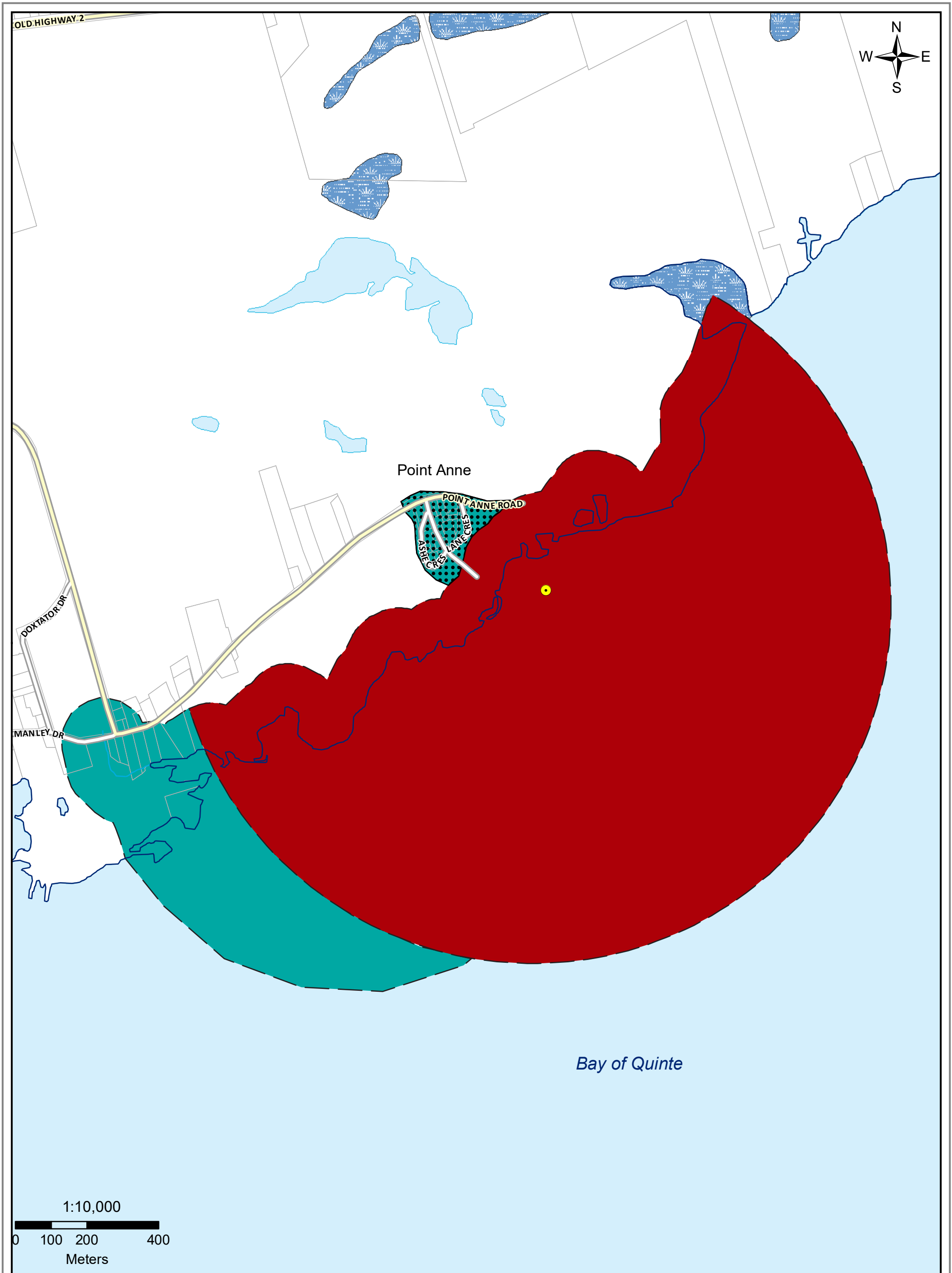


**Legend**

- Intakes
- Highways
- Shoreline
- Water Courses



# Map 6.5 Belleville Intake Protection Zone Managed Land, Livestock Density & Impervious Surface Area



**Legend**

- Intake
- Shoreline
- IP Zone 1
- Watercourses
- Transport Pathway
- IP Zone 2

**Map 6.6 Point Anne Intake Protection Zones 1 & 2**

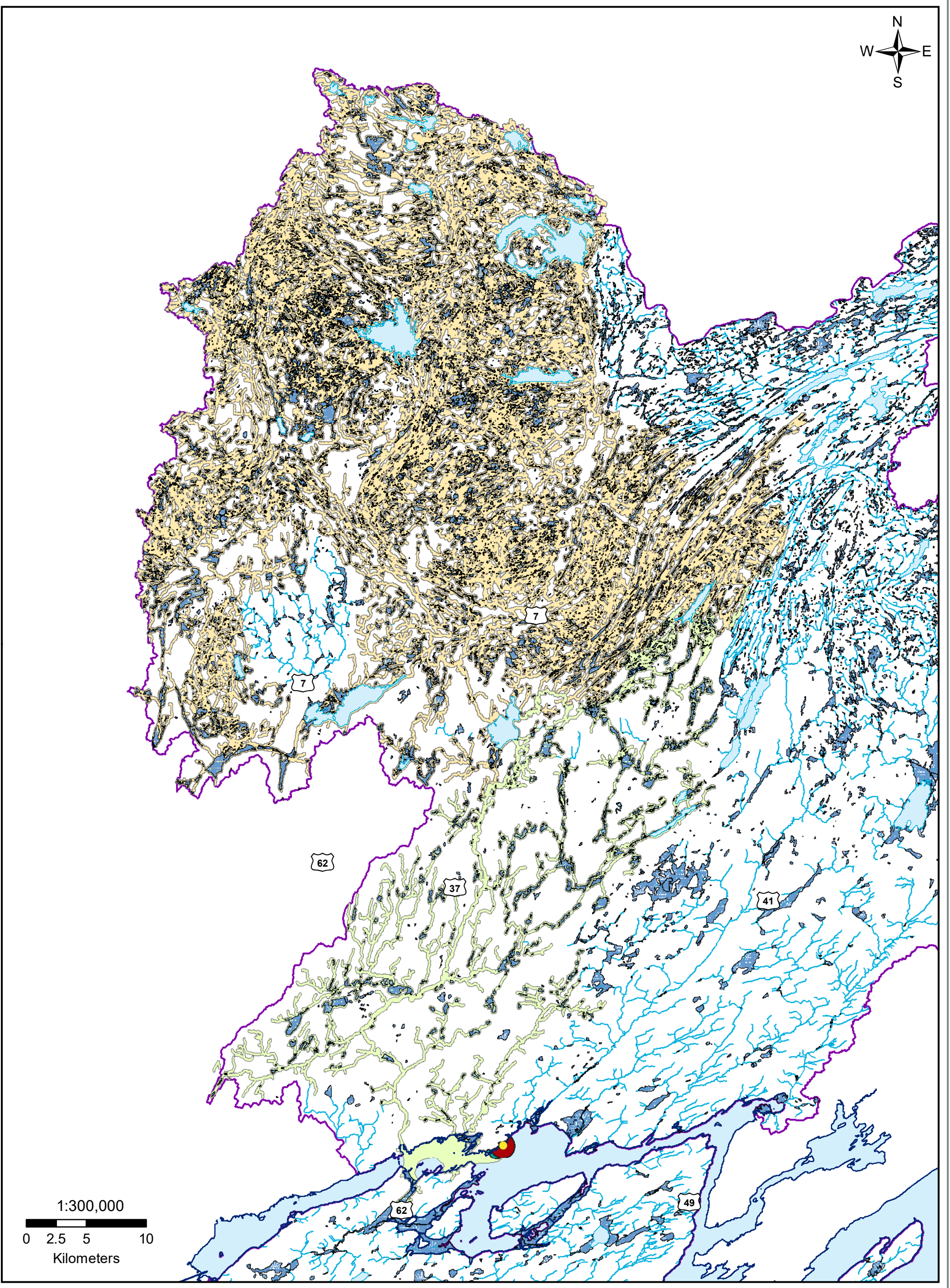


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 Intake Location - Ministry of the Environment

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**Legend**

- Intake
- Watercourses
- Shoreline
- Waterbodies
- IPZ 1
- IPZ 2
- IPZ-3a
- IPZ-3b

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# Map 6.7 Point Anne Intake Protection Zones



**Legend**

- Well Location
- Parcels
- WHPA A
- WHPA C
- Shoreline
- Shallow GW Divide
- WHPA B

# Map 6.8 Point Anne Wellhead Protection Area



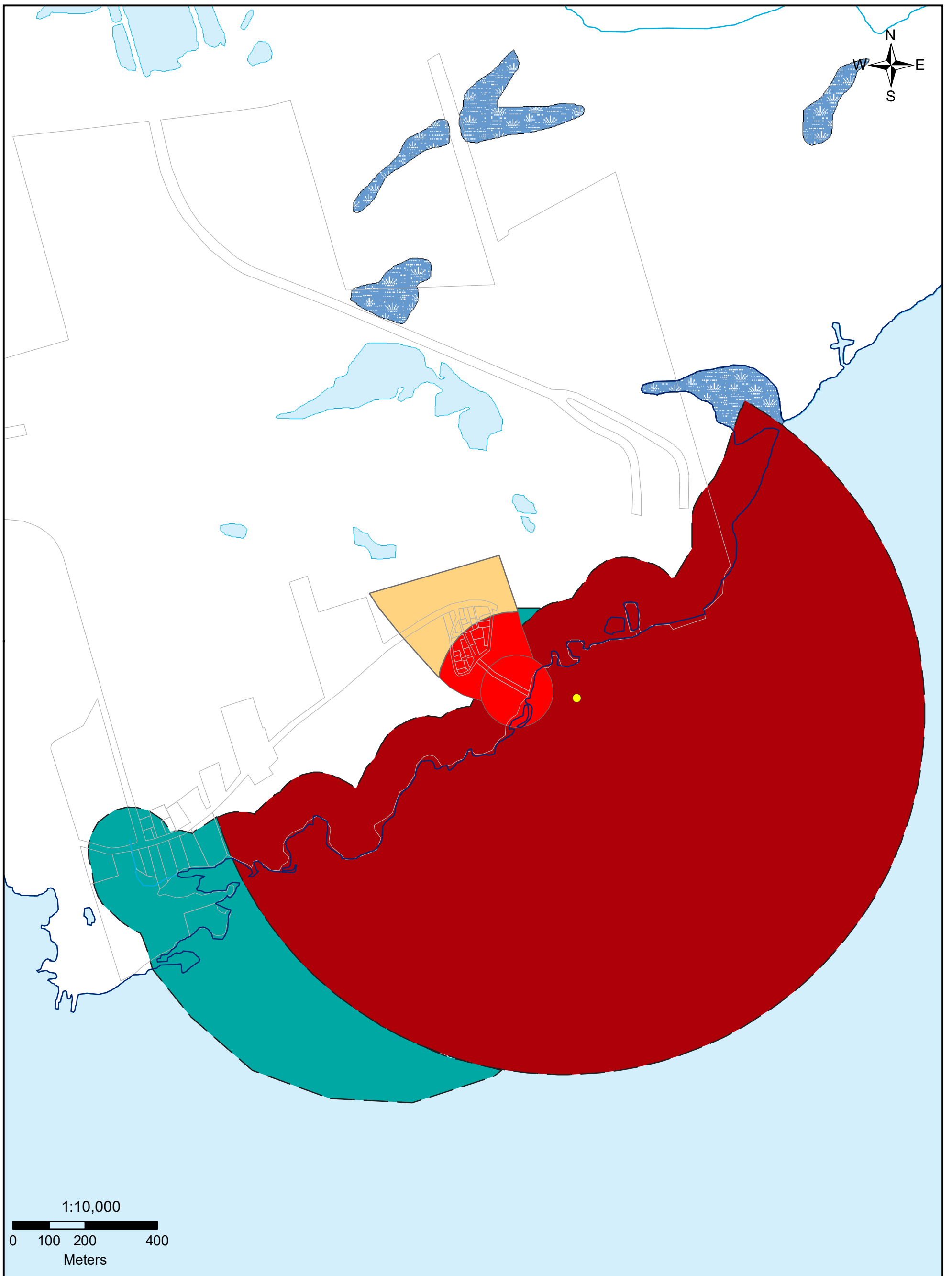
Molise River, Napanee Region and Prince Edward Region Watersheds.  
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1:10,000

0 100 200 400  
Meters



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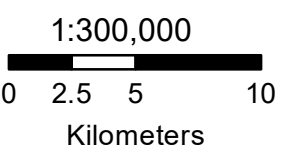
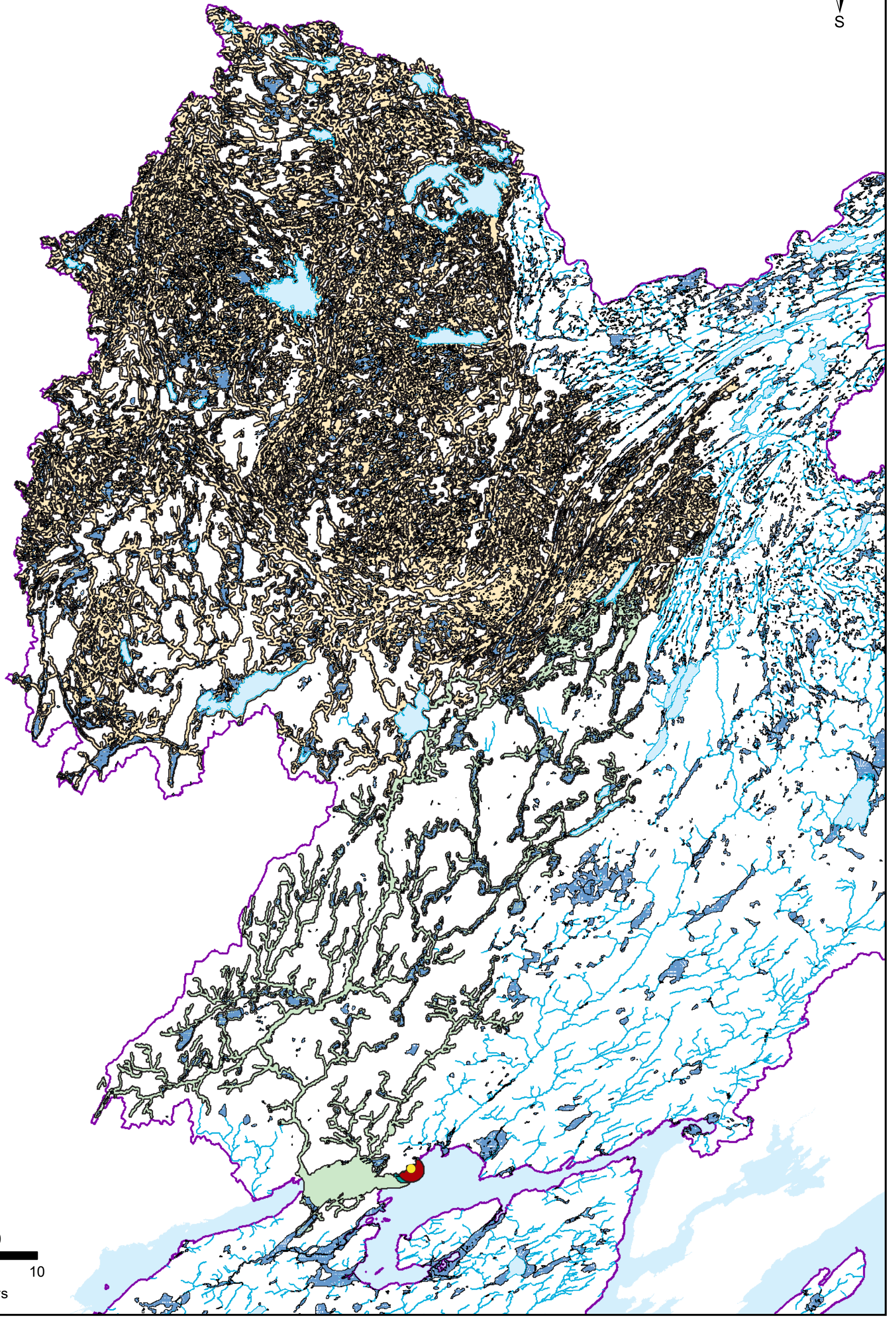
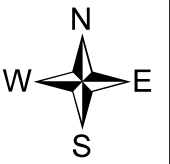
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### Legend

- Intake
- Parcels
- Vulnerability = 10
- Vulnerability = 8
- Shoreline
- Vulnerability = 10
- Vulnerability = 8

## Map 6.9 Point Anne IPZ 1&2 and WHPA Vulnerability



**Legend**

- Intake
- Water Courses
- Vulnerability=10
- Vulnerability=8
- Vulnerability=7
- Vulnerability=3



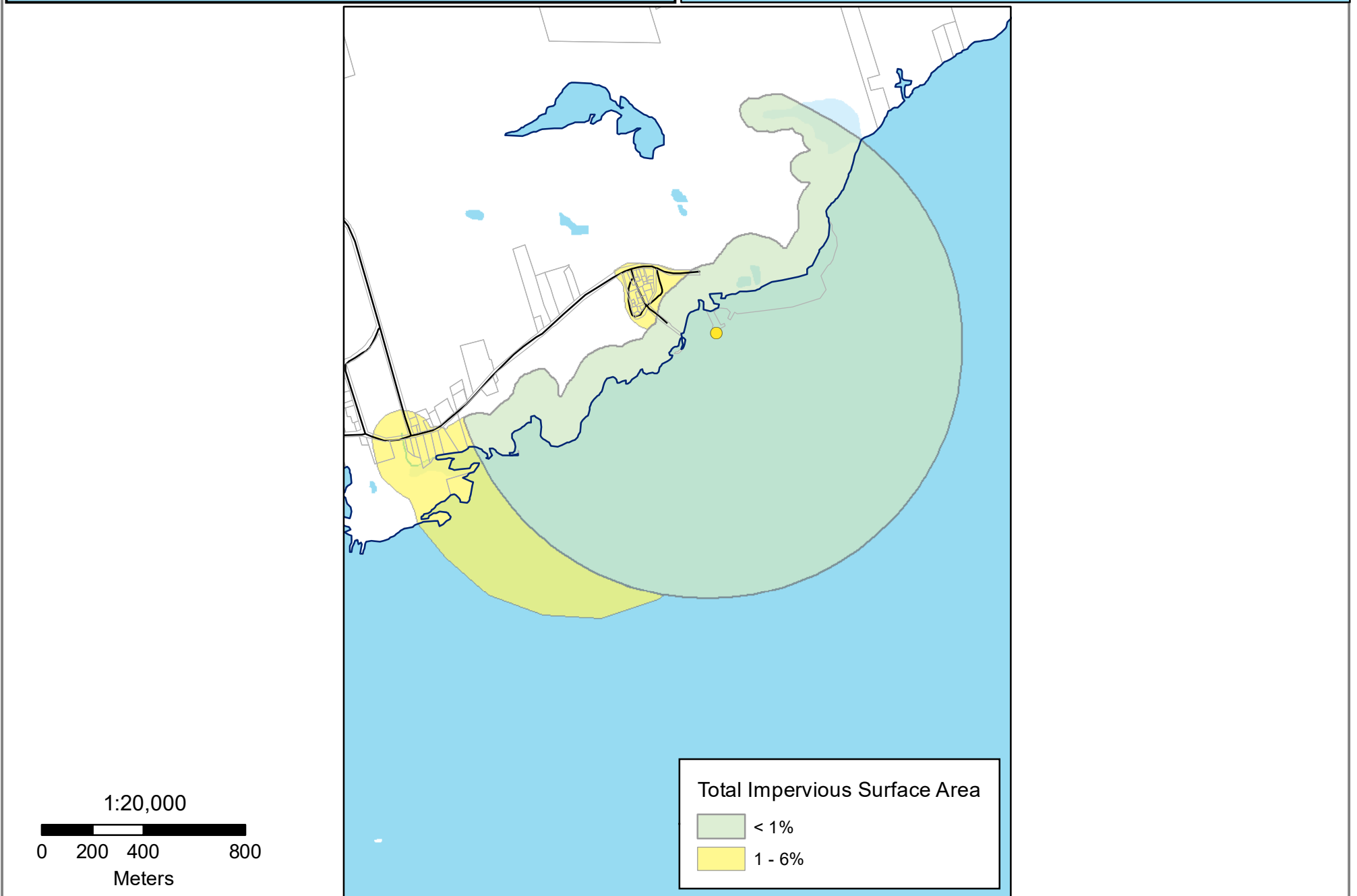
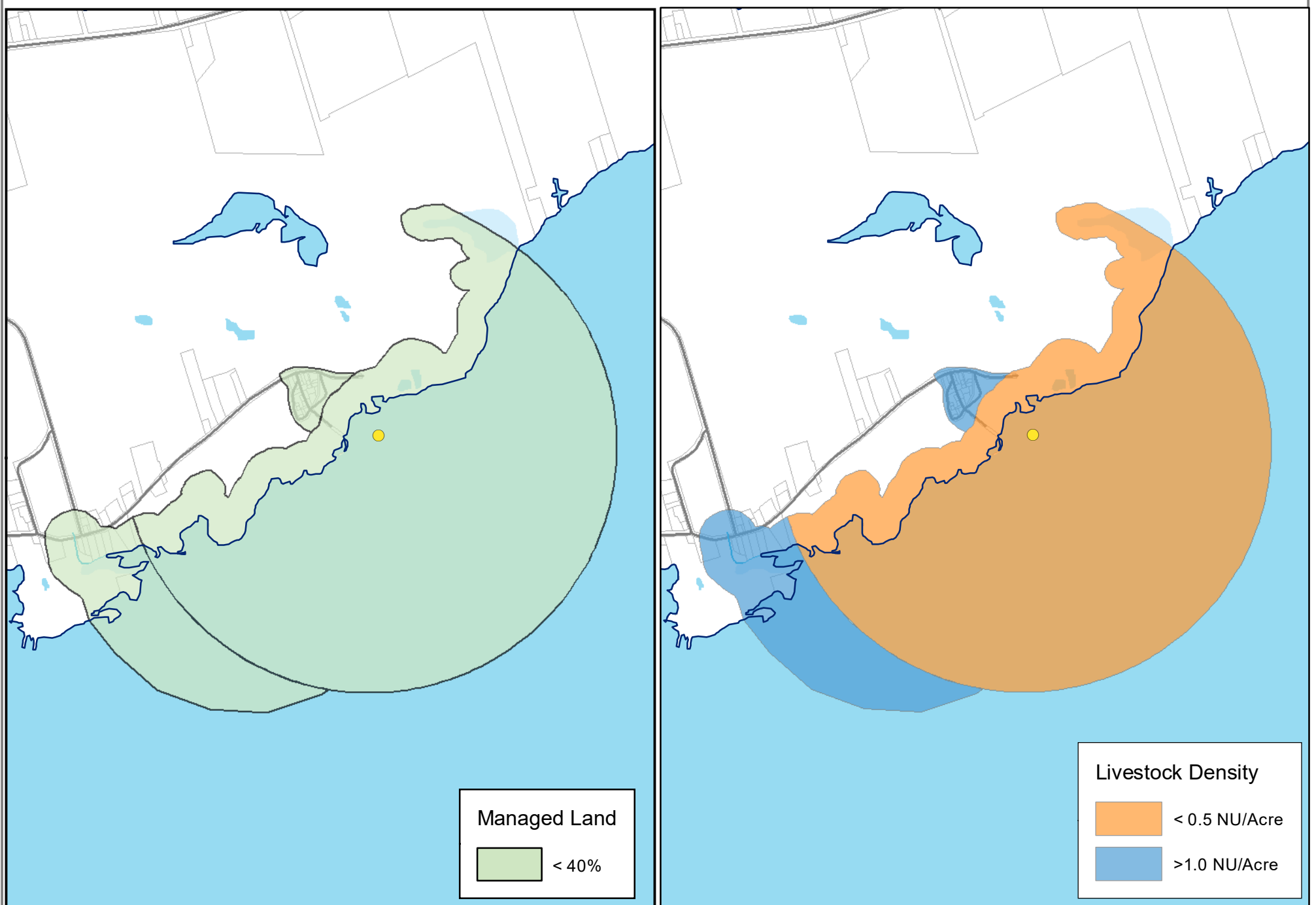
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Intake Location - Ministry of the Environment

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# Map 6.10 Point Anne Vulnerability



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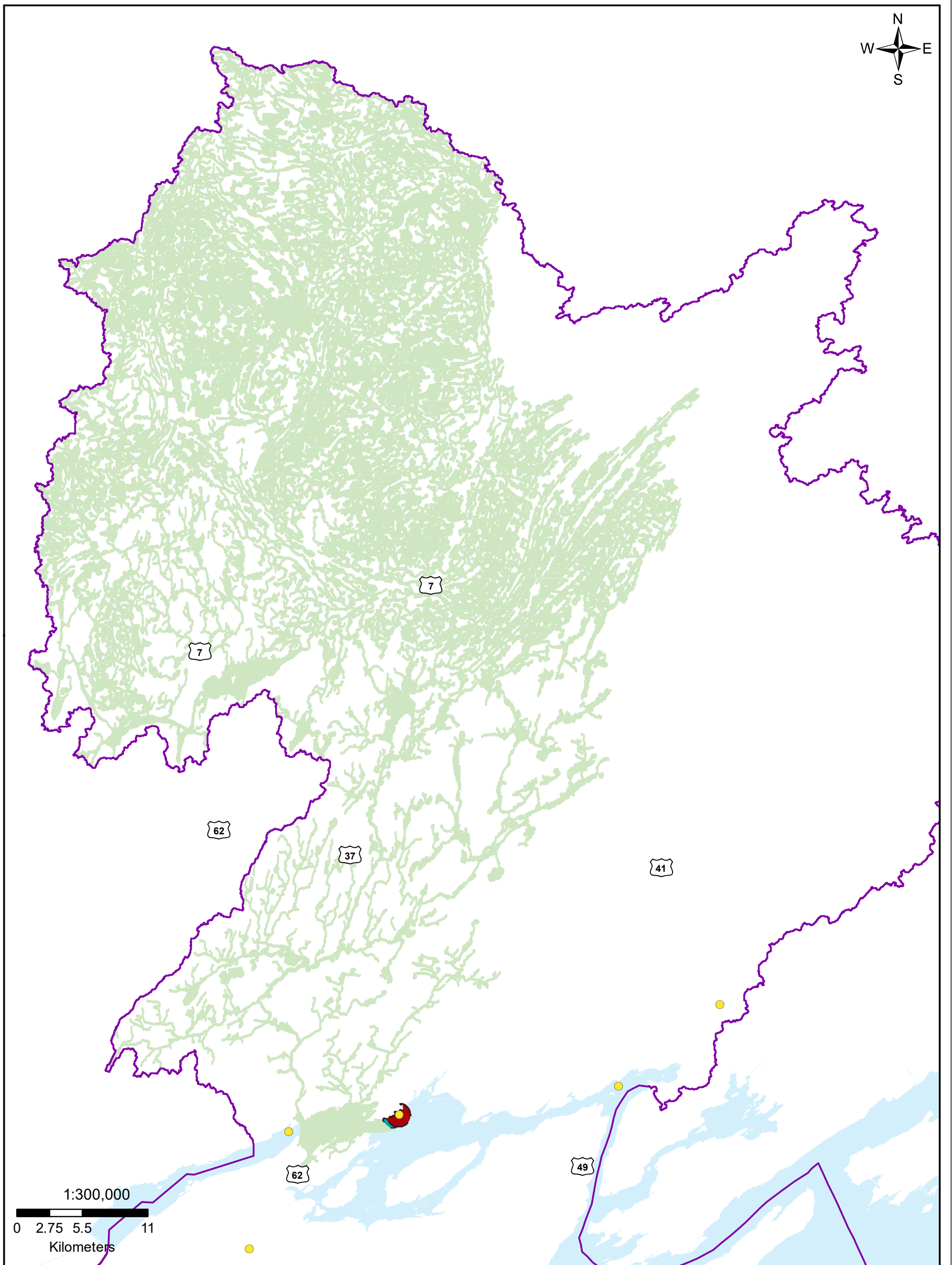
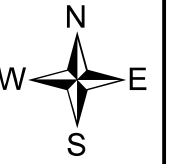
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 Monitoring Wells - Municipality of Marmora & Lake

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**Legend**

● Intakes    — Water Courses    — Shoreline    □ Parcels

# Map 6.11 Point Anne Intake Protection Zone Managed Land, Livestock Density & Impervious Surface Area



1:300,000

0 2.75 5.5 11  
Kilometers

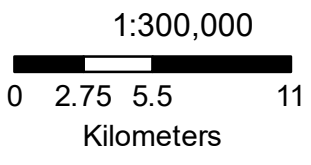
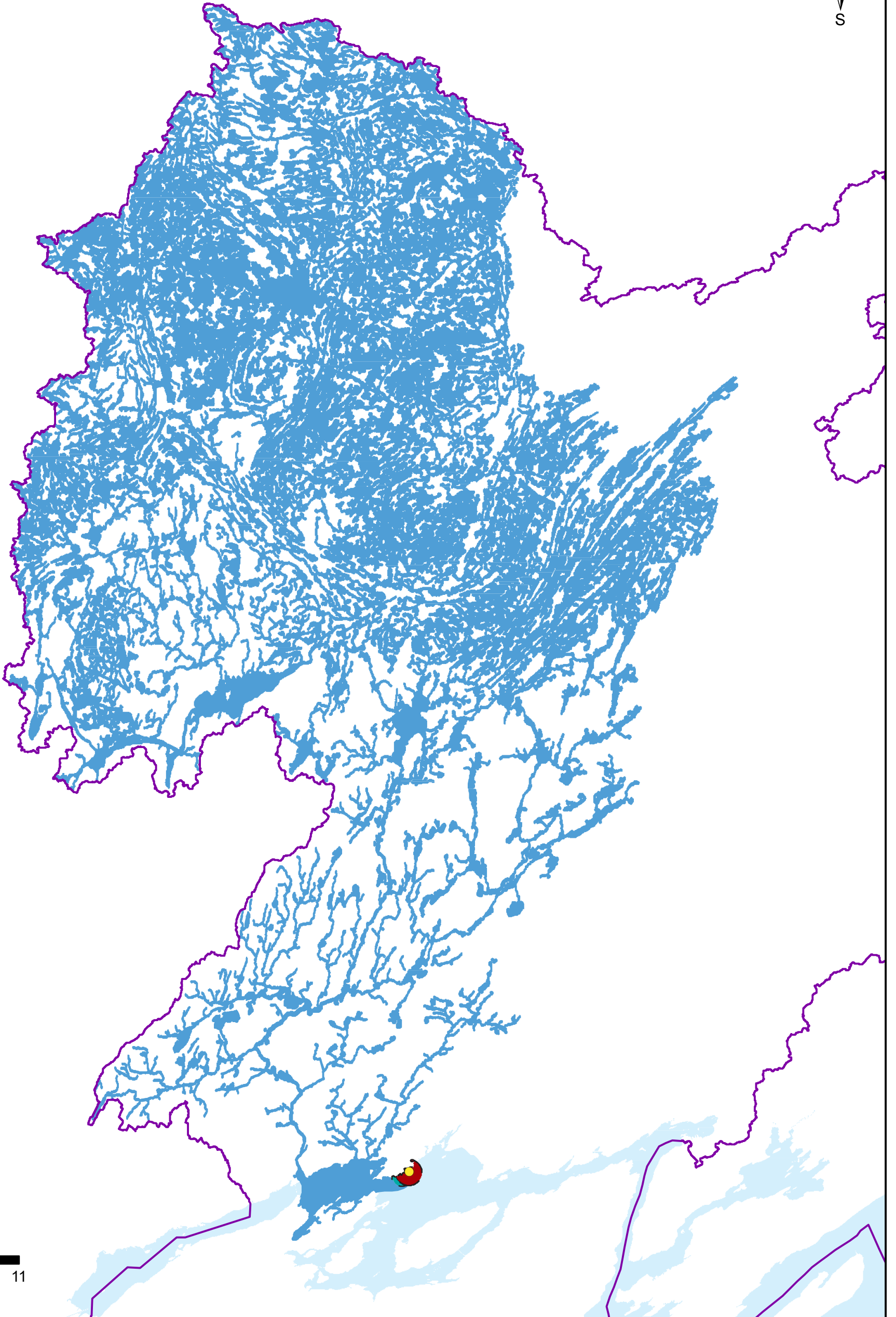
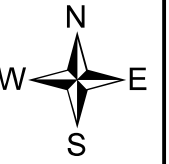
### Legend

- Intakes
- IPZ 1
- IPZ 2
- Managed Lands < 40%



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# Map 6.12 Point Anne IPZ 3a & b Managed Land



### Legend

- Intakes
- IPZ 1
- IPZ 2
- Livestock Density - >1 NU/Acre

# Map 6.13 Point Anne IPZ 3a & b Livestock Density

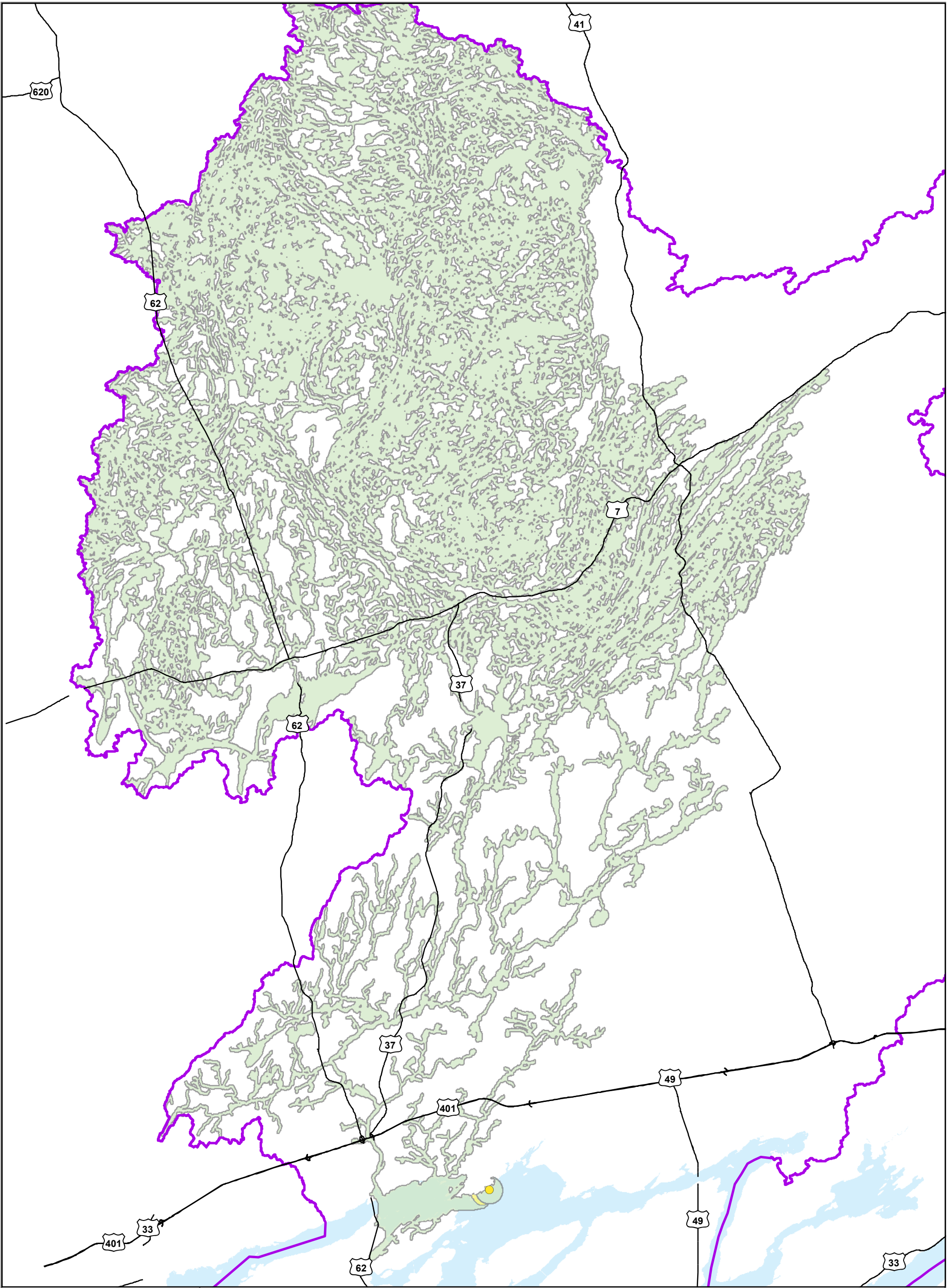


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Intake Location - Ministry of the Environment

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**Legend**

● Intakes — Highways

□ Boundary Quinte Conservation Scientific Cartographic

**Total Impervious Surface Area**

■ < 1%

■ 1 - 6%

**Map 6.14 Point Anne Intake Protection Zone 3 a & b Impervious Surface Area**

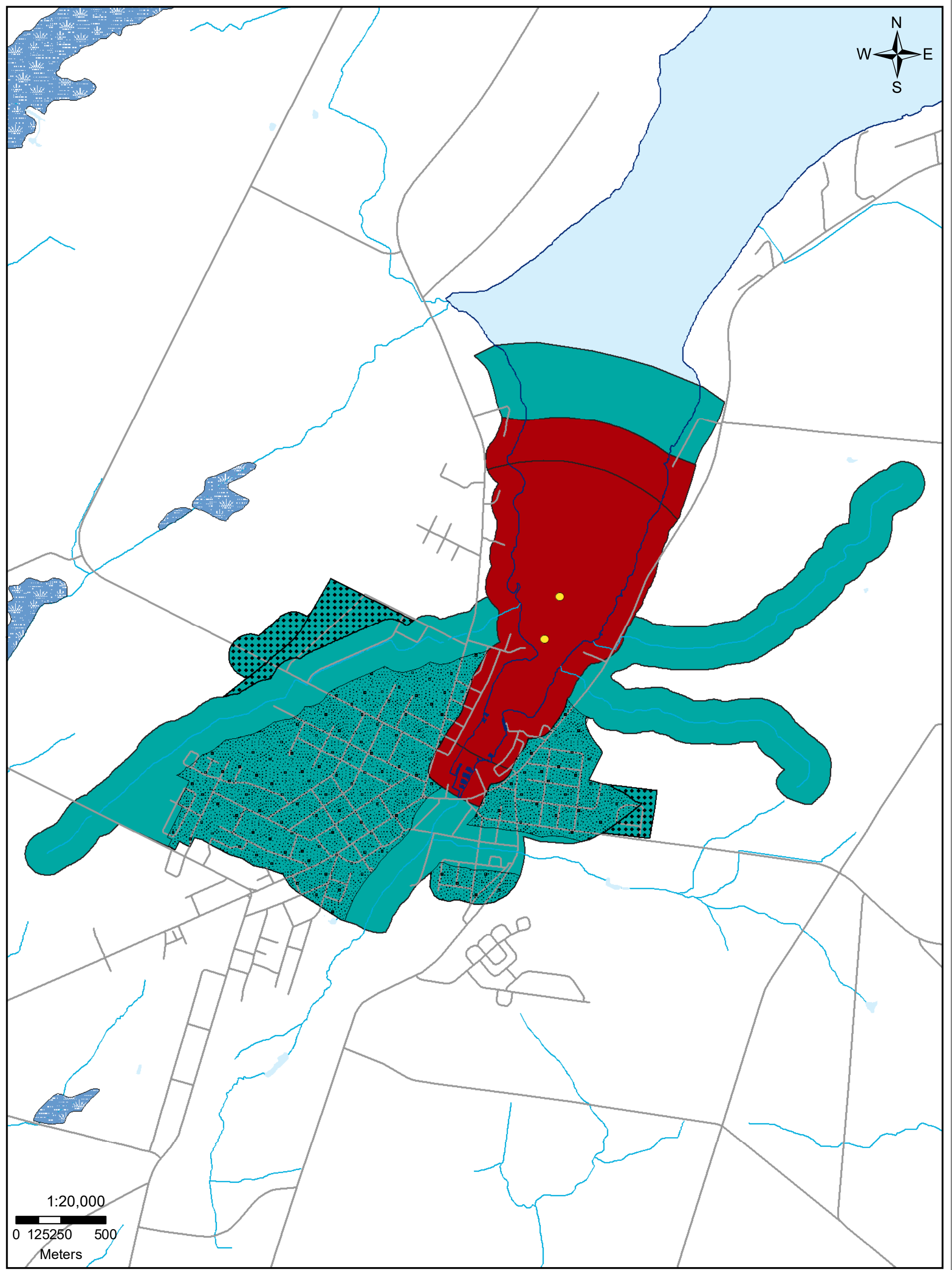



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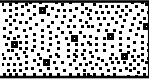


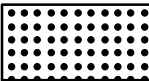
Digital Mapping Sources:  
Base Map - Ontario Ministry of Natural Resources  
Municipalities - Municipality of Marmora & Lakes

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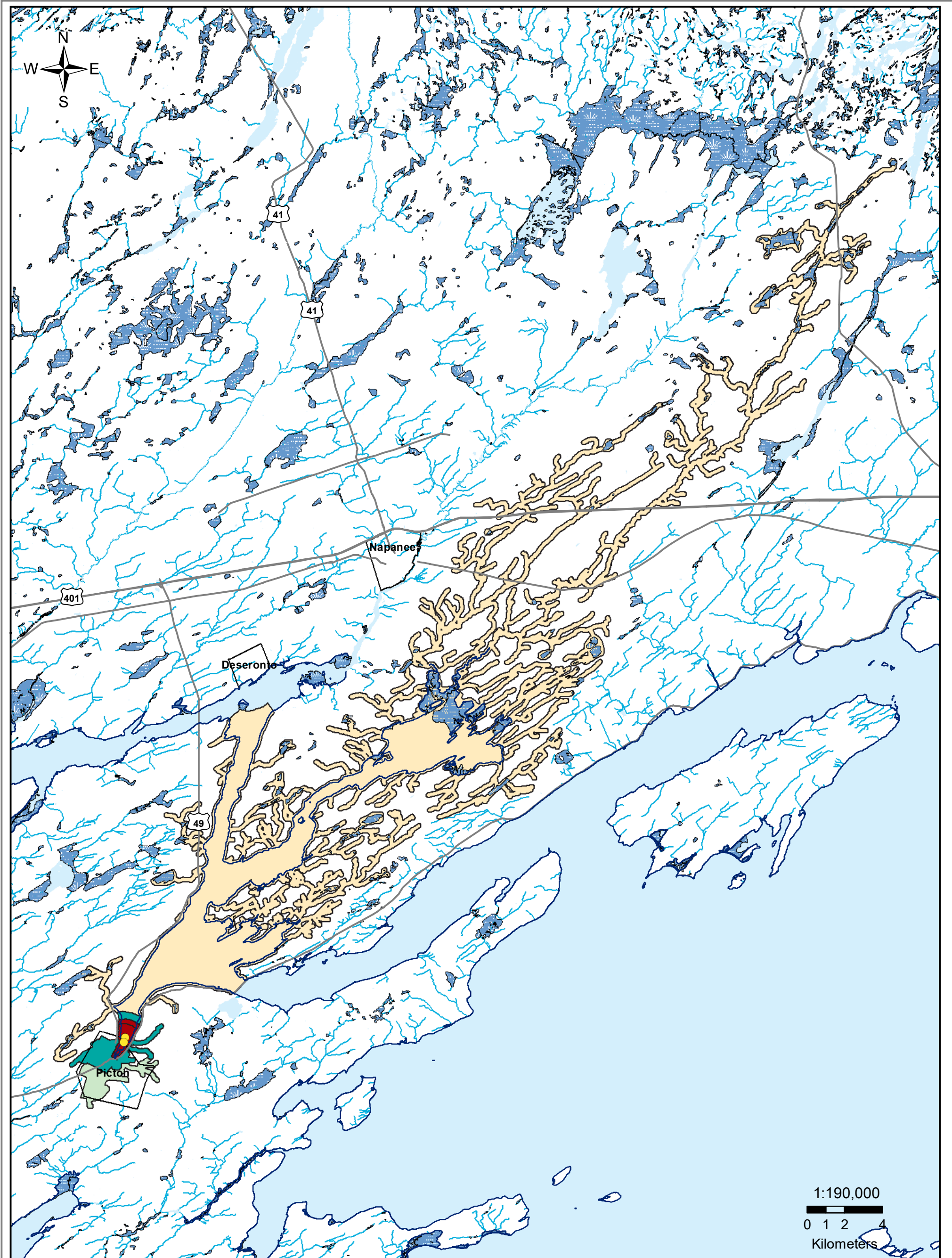



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### Legend

	Intakes		IPZ1		Storm Sewershed
	Shoreline		IPZ2		Transport Pathway

## Map 6.15 Picton Intake Protection Zones 1 & 2



### Legend

- Intakes
- IPZ 1
- IPZ 3a
- Population Nodes
- Highways
- IPZ 2
- IPZ 3b
- Wetland Area
- Shoreline



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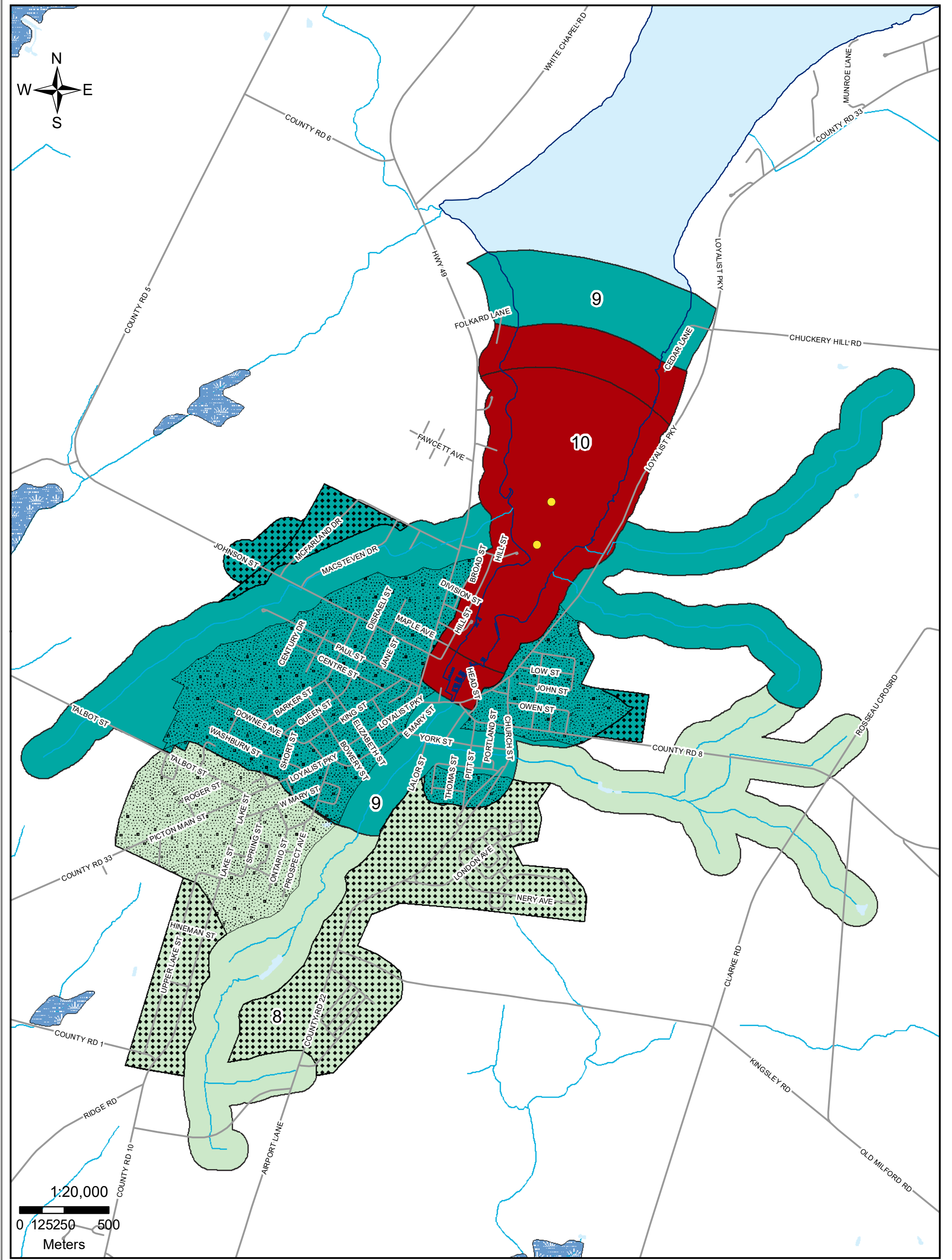
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## Map 6.16 Picton Intake Protection Zones

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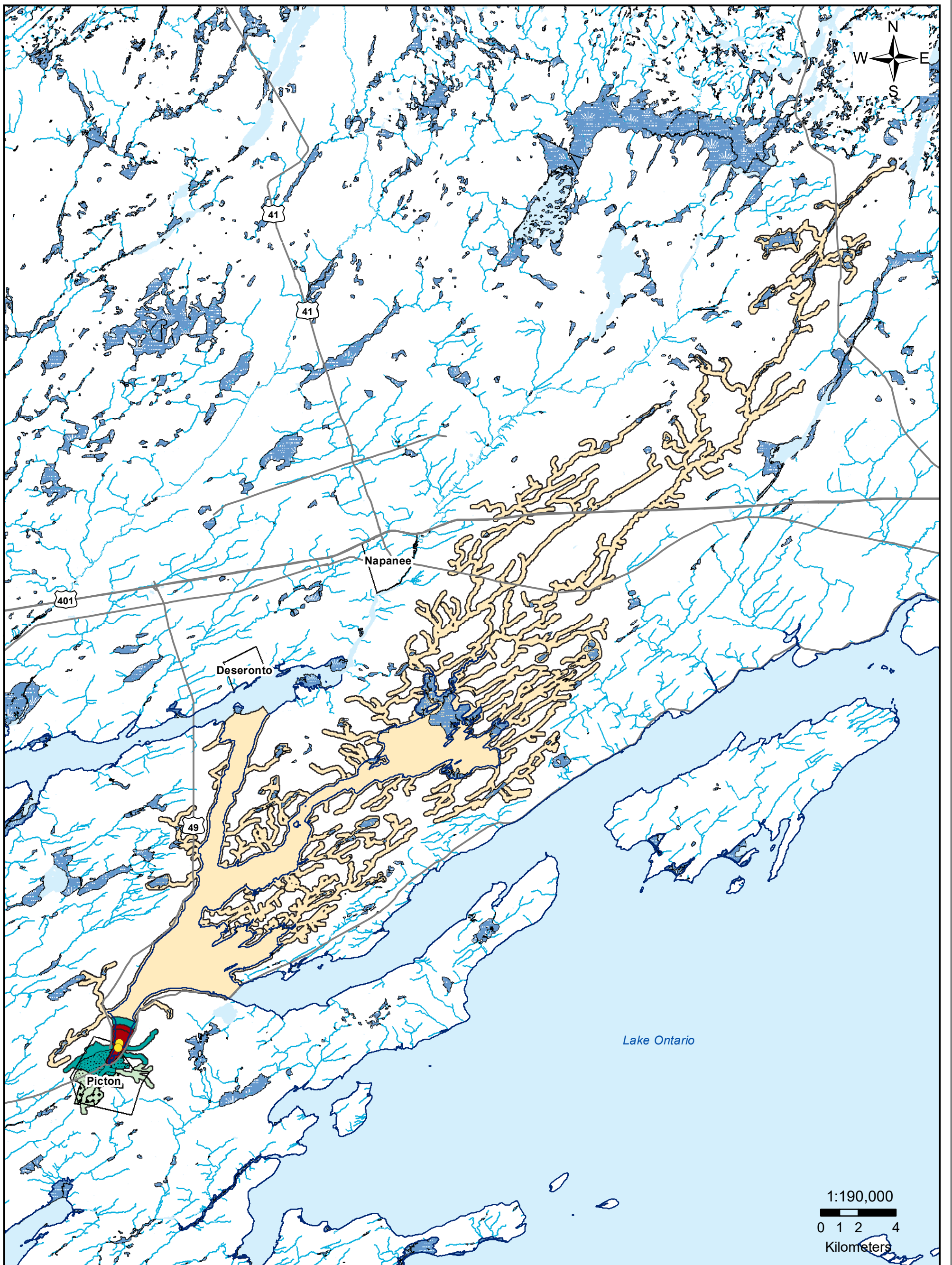
Digital Mapping Sources:  
Base Map - Ontario Ministry of Natural Resources  
Inlake Location - Ministry of the Environment

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### Legend

- Intakes
- Shoreline
- Storm Sewershed
- Transport Pathway
- Vulnerability=10
- Vulnerability=9
- Vulnerability=8

## Map 6.17 Picton IPZ 1,2 & 3a Vulnerability



**Legend**

- Intakes
- Vulnerability=10
- Vulnerability=8
- Waterbody
- Shoreline
- Vulnerability=9
- Vulnerability=6
- Transport Pathway
- Highways
- Wetland
- Storm Sewershed

**Map 6.18**  
**Picton Intake Protection Zones Vulnerability**

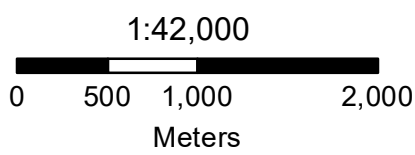
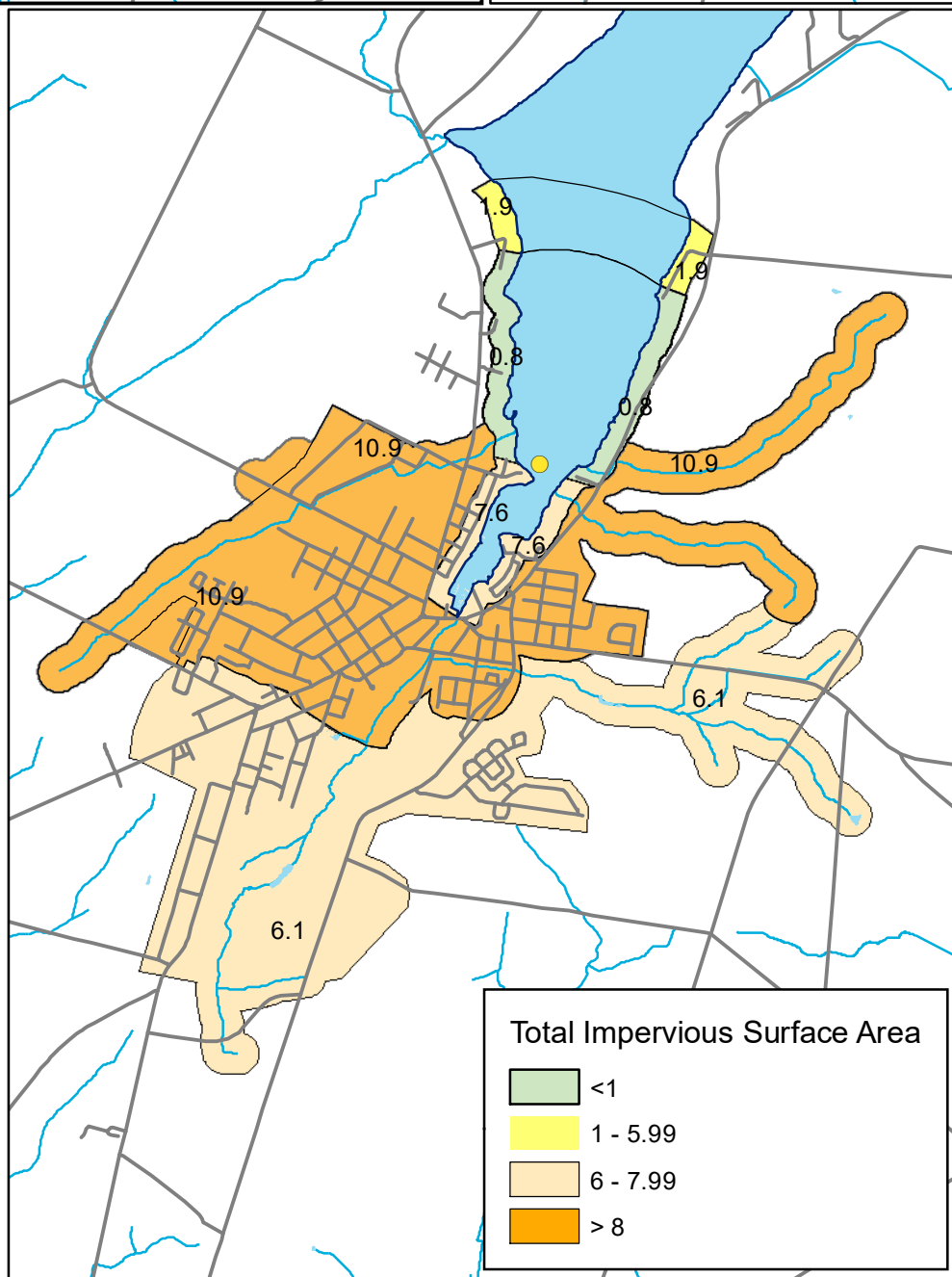
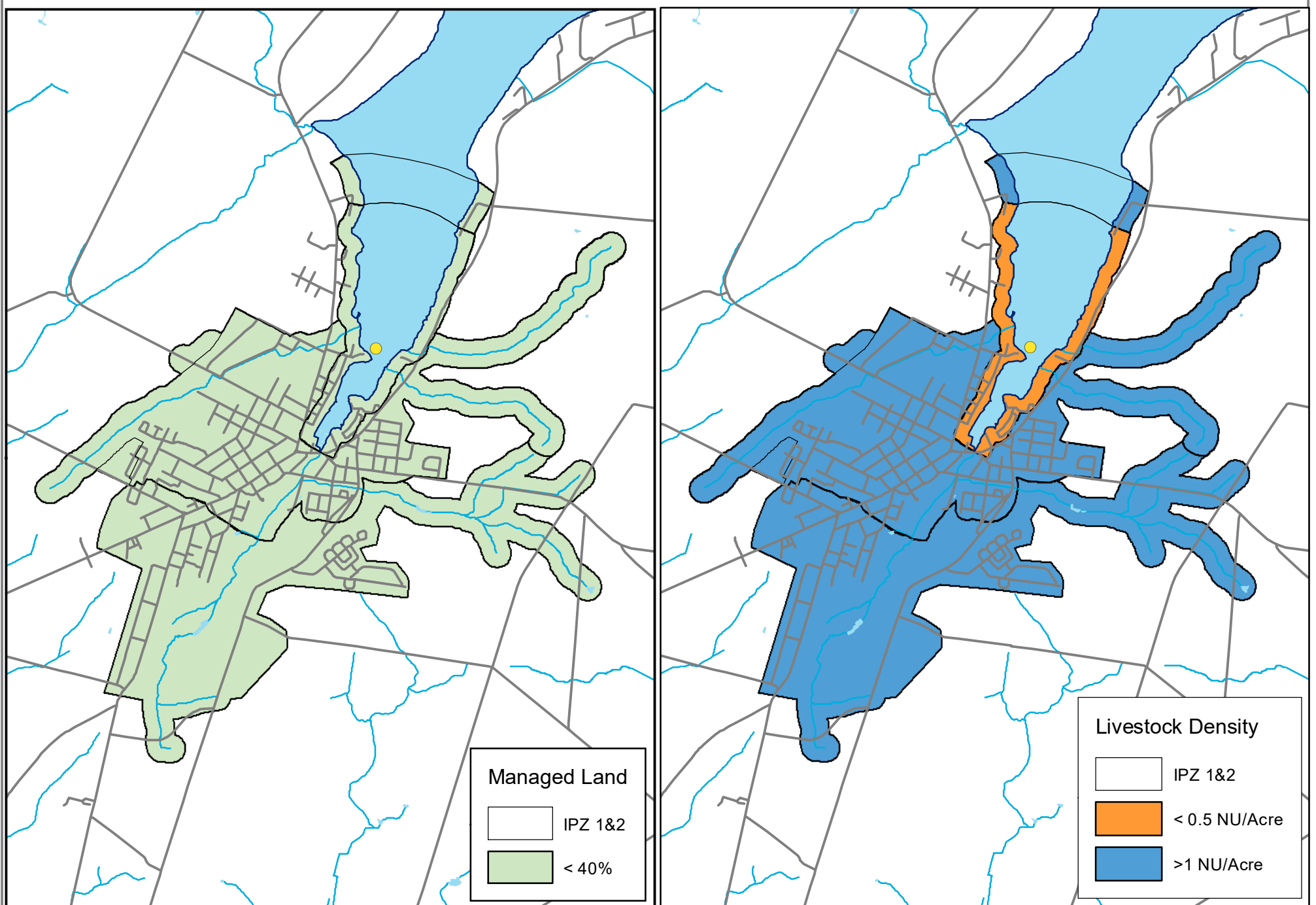


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**Legend**

- Intakes
- Shoreline
- Water Courses

**Map 6.19 Picton Intake Protection Zone  
Managed Land, Livestock Density & Impervious  
Surface Area**

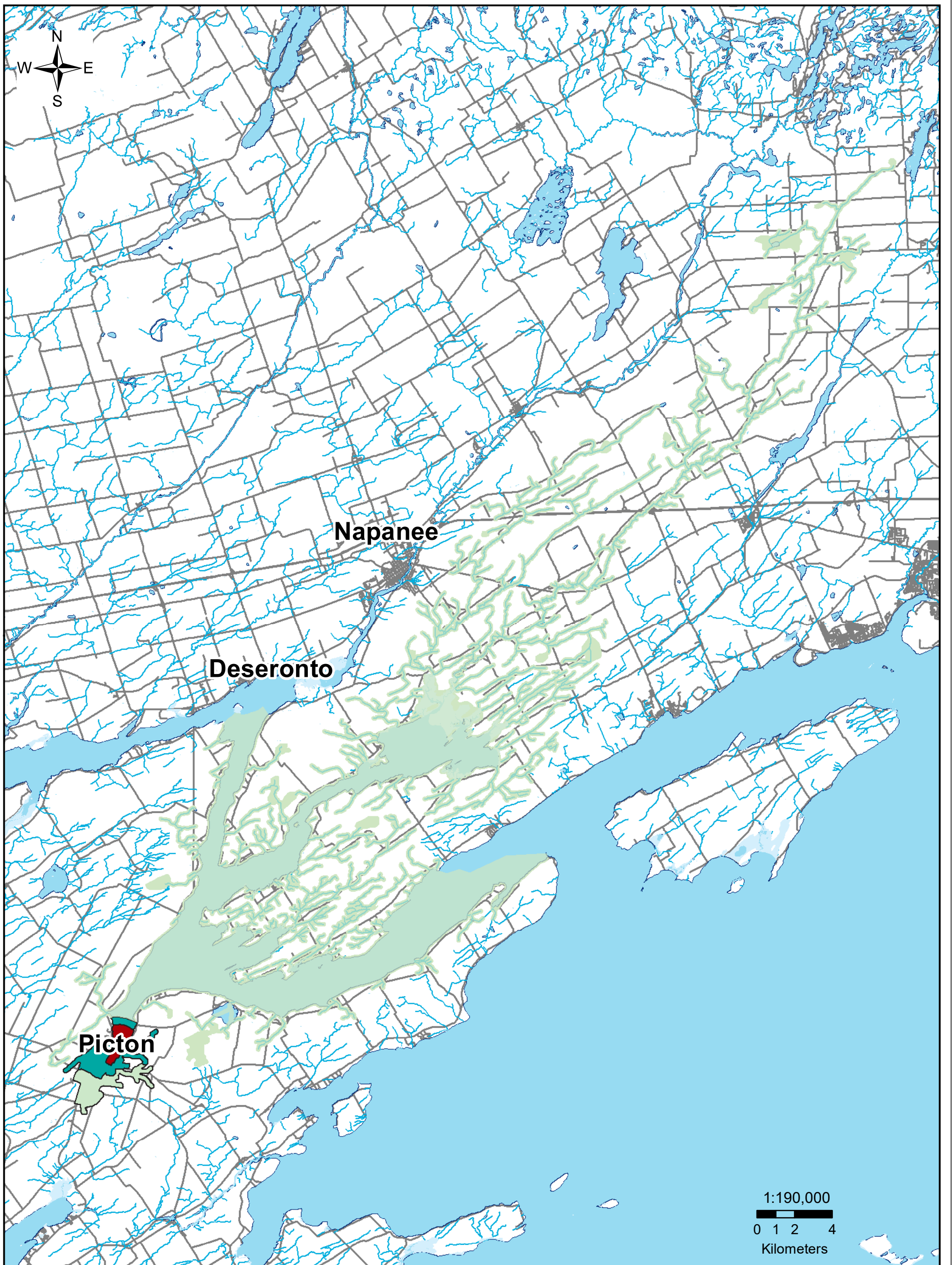


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**Legend**

- Intakes
- Shoreline
- Highways
- IPZ 1
- IPZ 2
- IPZ 3a
- Managed Land < 40%

**Map 6.20**

**Picton Intake Protection Zone 3b Managed Land**

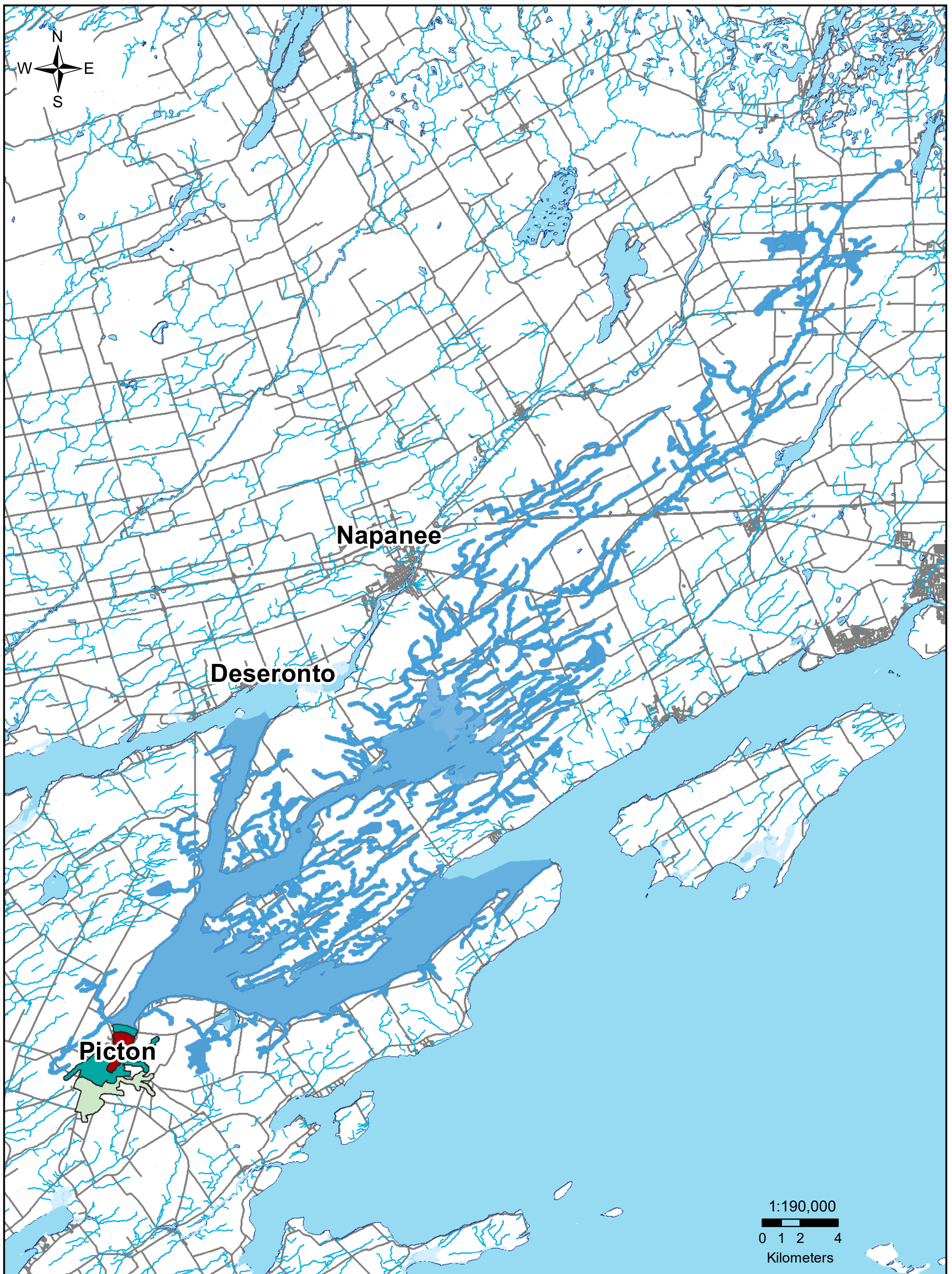


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**Legend**

- Intakes
- Shoreline
- Highways
- IPZ 1
- IPZ 2
- IPZ 3a
- Livestock Density > 1 NU/Acre

**Map 6.21**  
**Picton Intake Protection Zone 3b Livestock Density**

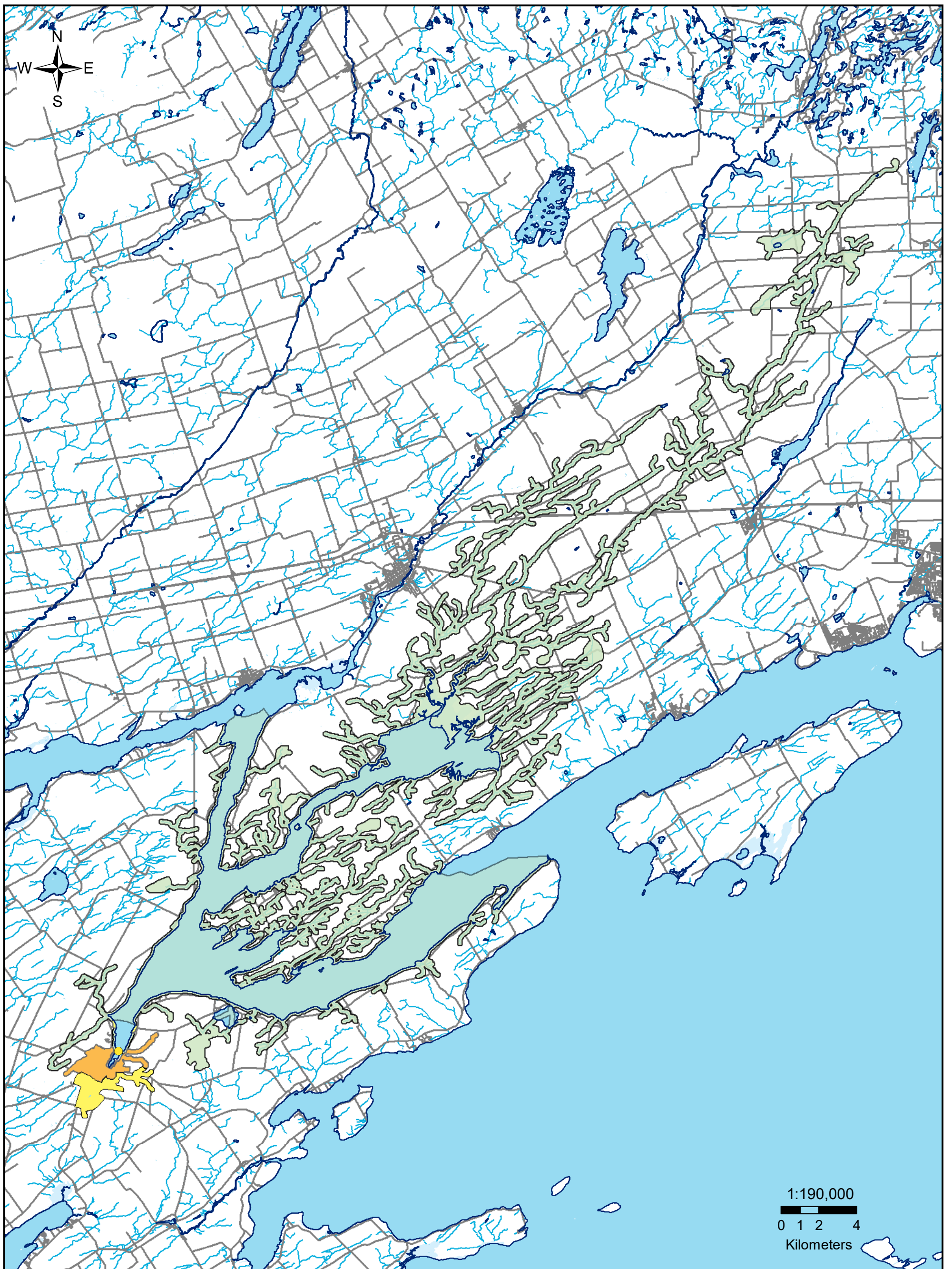


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**Legend**

- Intakes
- Shoreline
- <1
- 1-8
- >8



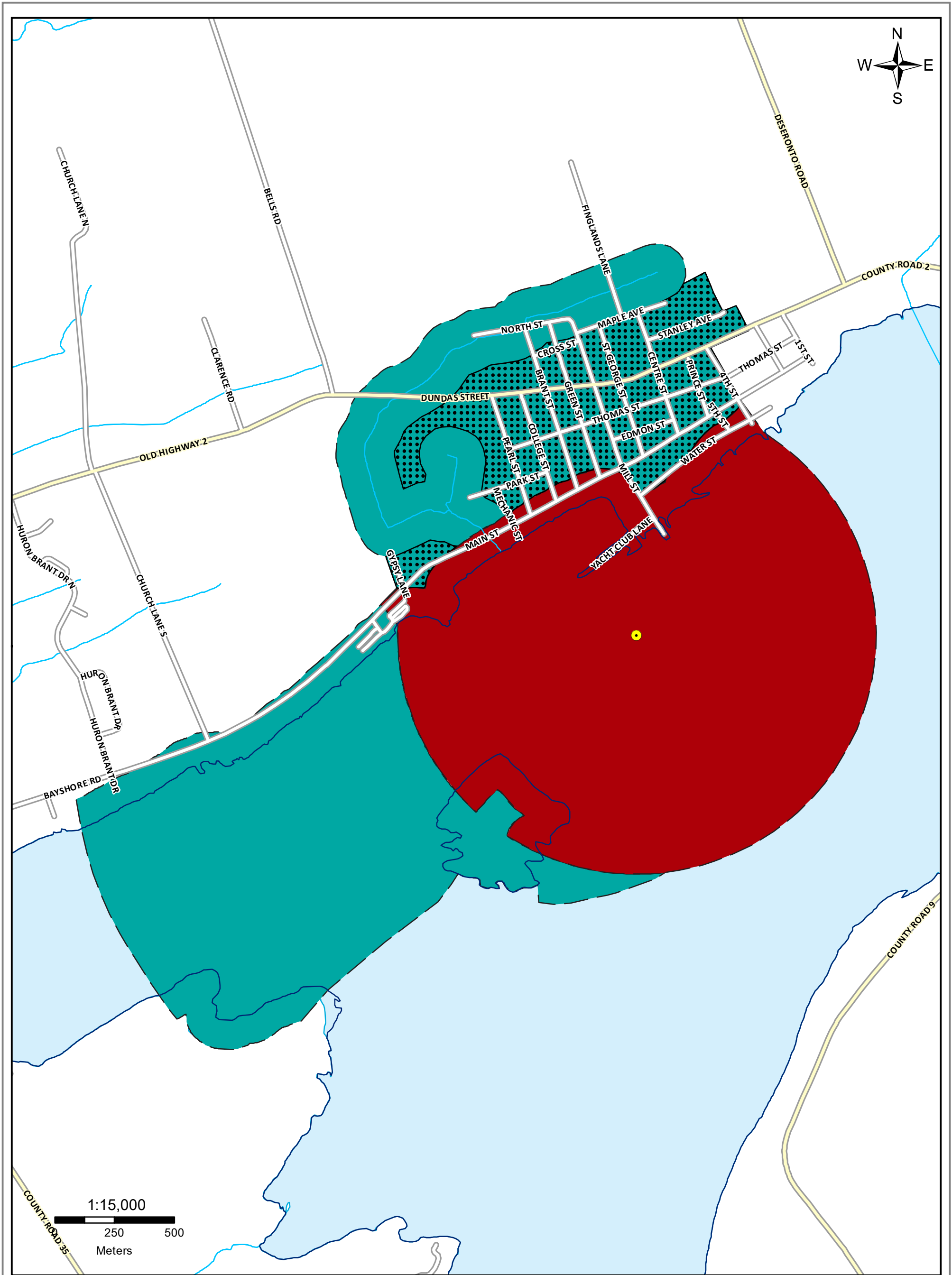

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Digital Mapping Sources:  
Base Map - Ontario Ministry of Natural Resources  
Intake Location - Ministry of the Environment

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**Map 6.22 Picton Intake Protection Zone 3b  
Total Impervious Surface Area**

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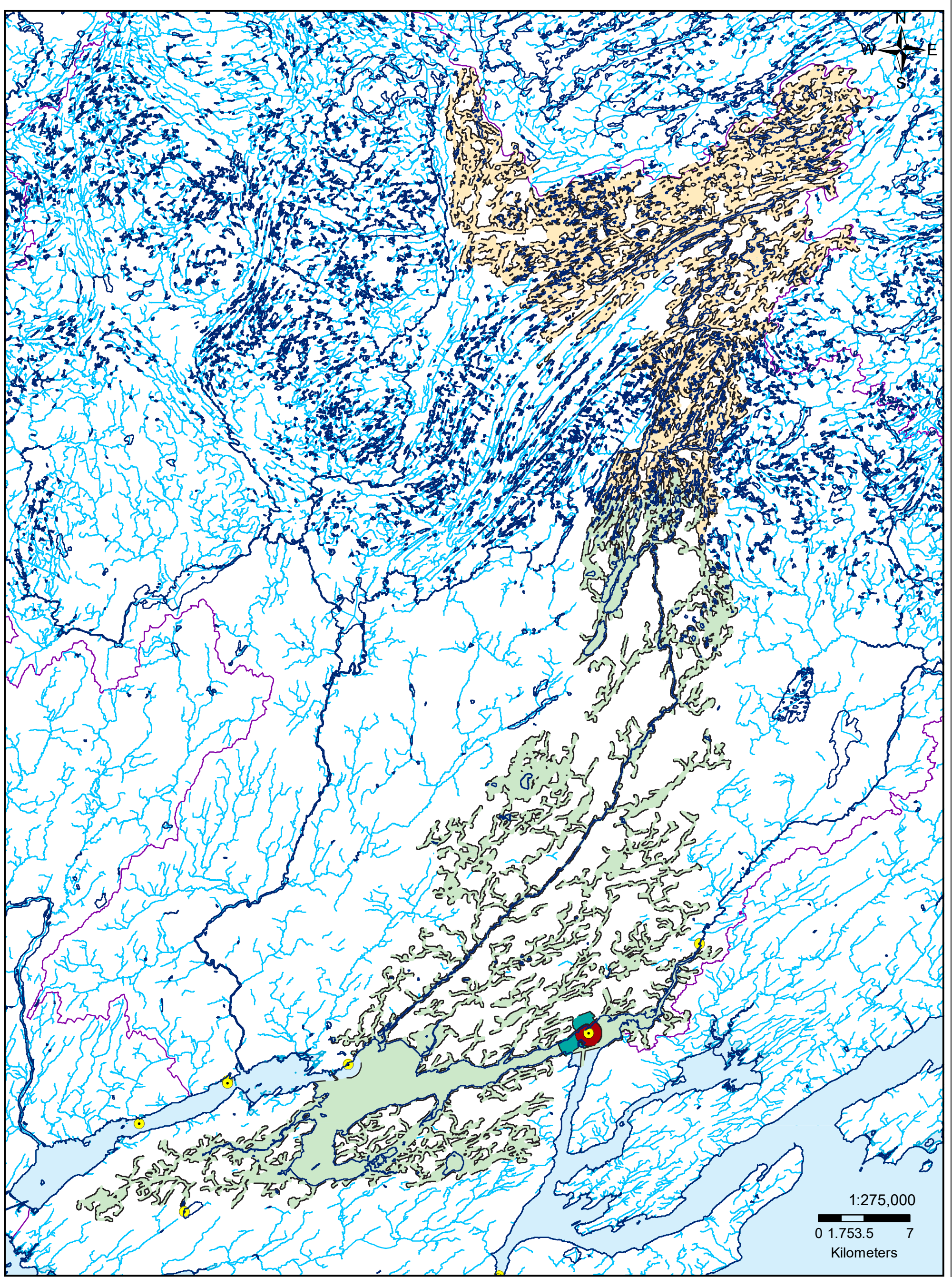
Digital Mapping Sources:  
 Base Map - Ontario Ministry of Natural Resources  
 Intake Location - Ministry of the Environment

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### Legend

	Intake		Shoreline		IPZ 1
	Watercourses		Transport Pathway		IPZ 2

## Map 6.23 Deseronto Intake Protection Zones 1&2



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### Legend



Intake



Intake Protection Zone 1



Intake Protection Zone 3a



Shoreline



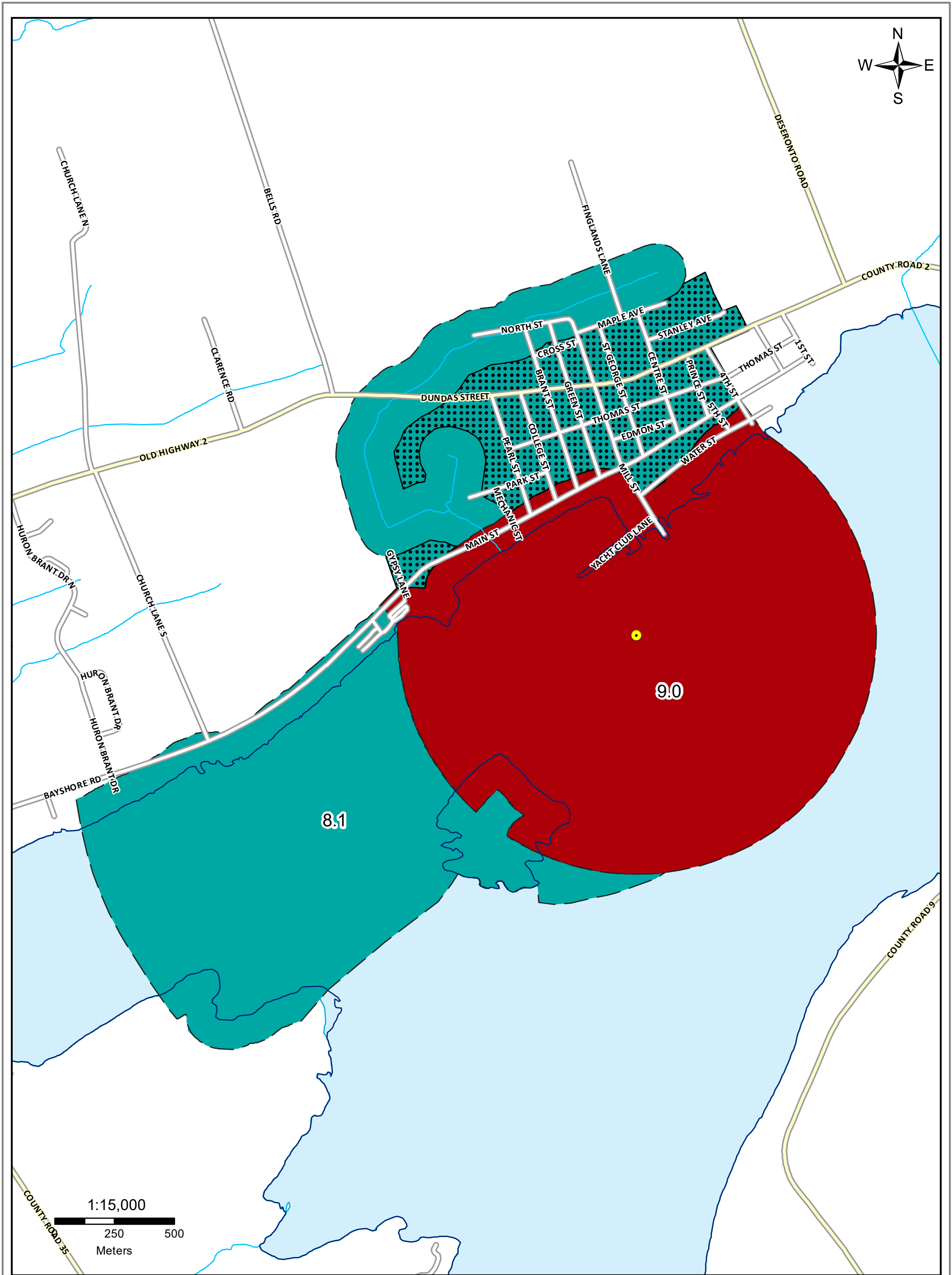

Intake Protection Zone 2



Intake Protection Zone 3b

## Map 6.24 Deseronto Intake Protection Zones



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Molok River, Napanee Region and Prince Edward Region Watersheds.  
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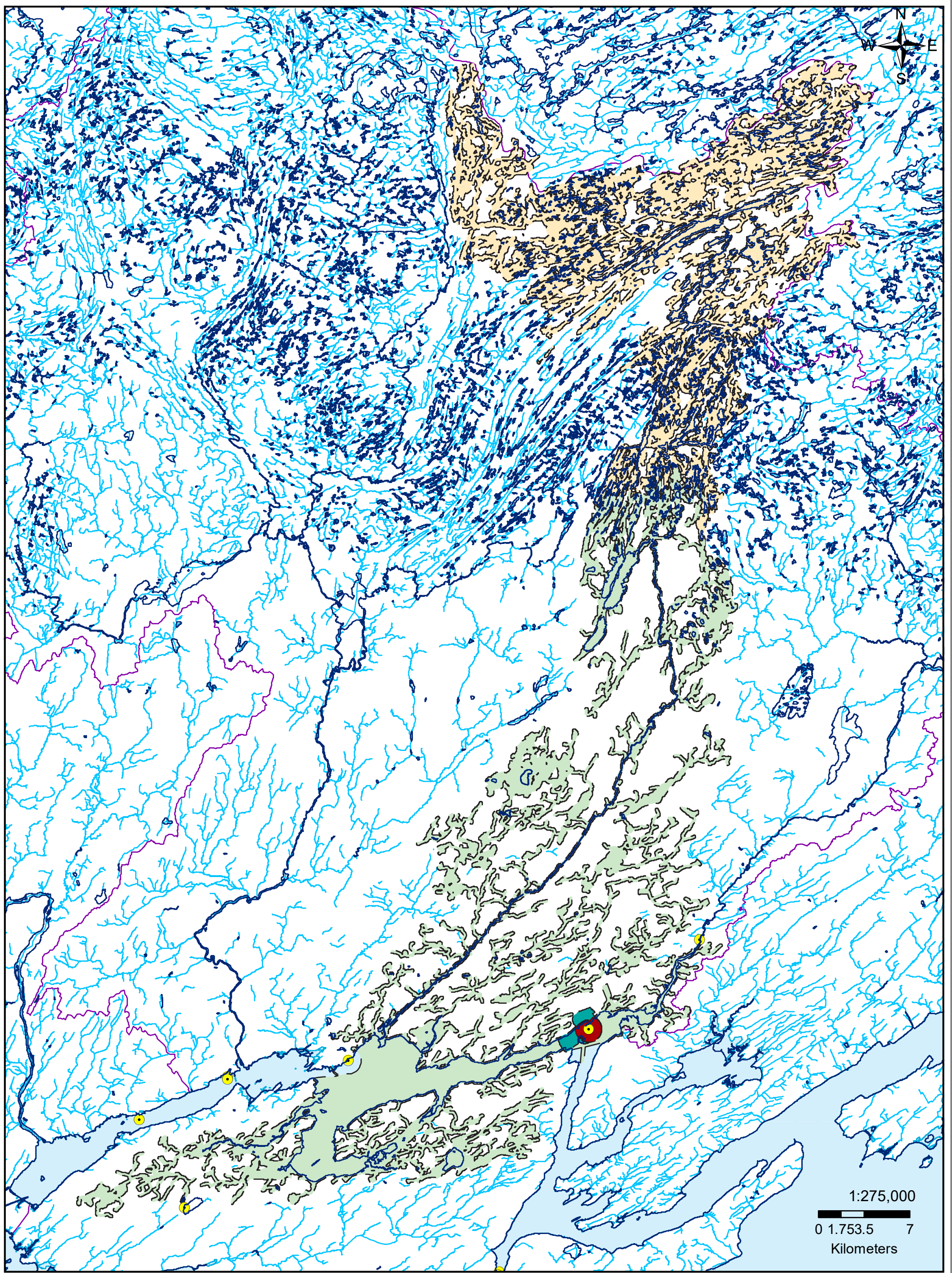
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 Intake Location - Ministry of the Environment

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**Legend**

	Intake		Shoreline		Vulnerability = 9.0
	Watercourses		Transport Pathway		Vulnerability = 8.1

**Map 6.25 Deseronto IPZ 1&2 Vulnerability**



**Legend**

- Intake
- Shoreline
- Vulnerability = 9.0
- Vulnerability = 8.1
- Vulnerability = 7.2
- Vulnerability = 2.7

**Map 6.26**

**Deseronto Intake Protection Zone Vulnerability**

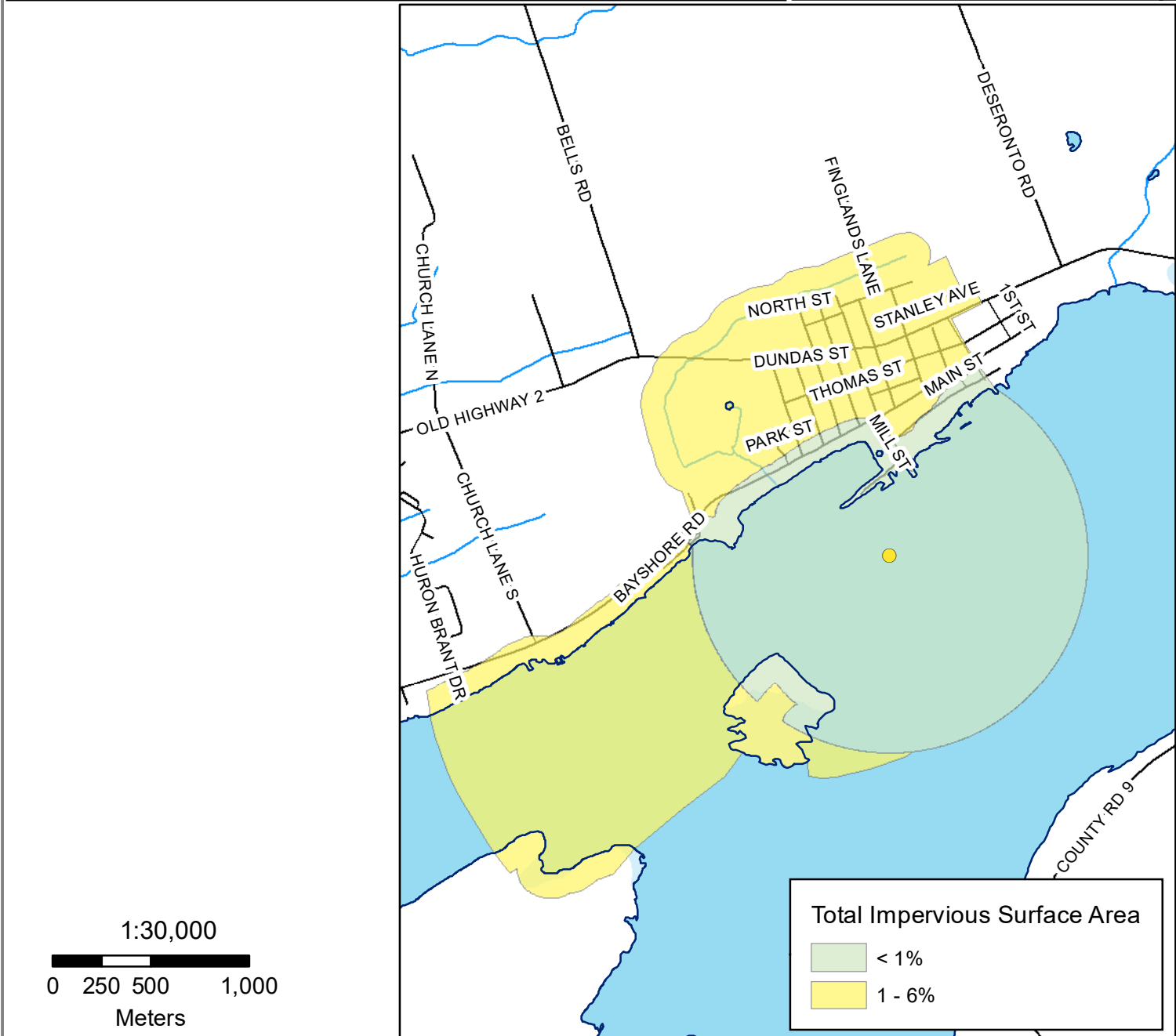
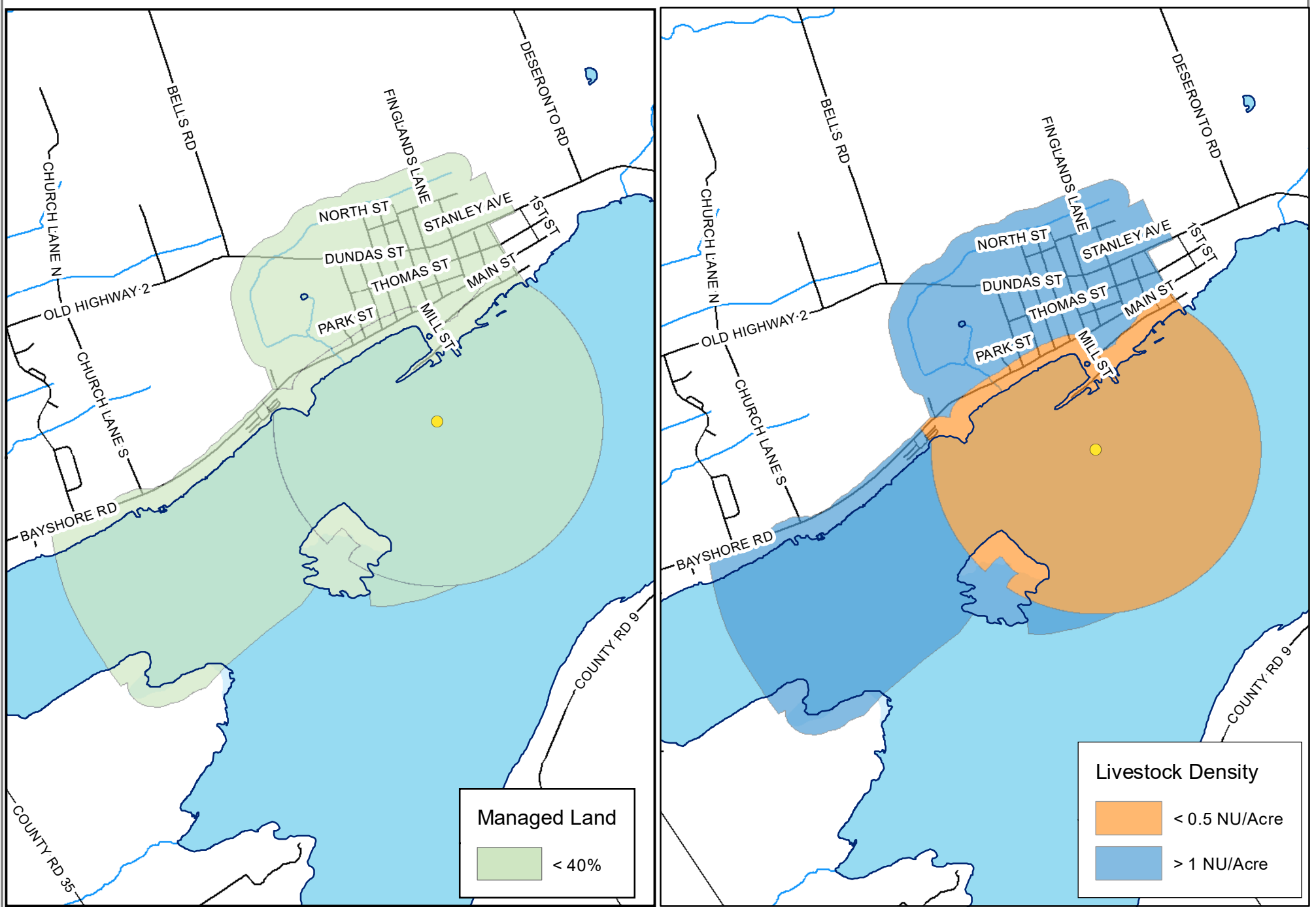


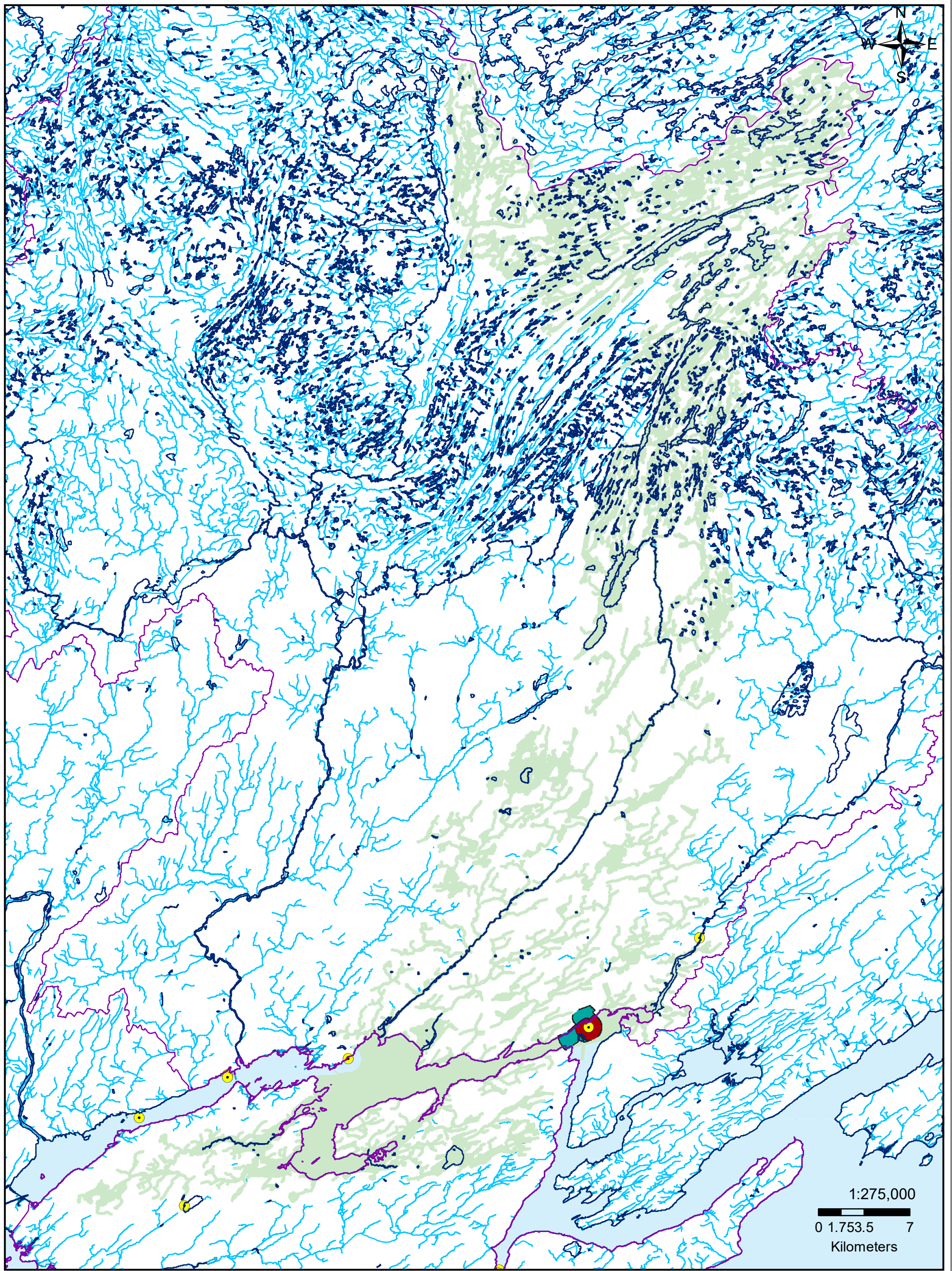
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1:275,000

0 1.753.5 7  
Kilometers

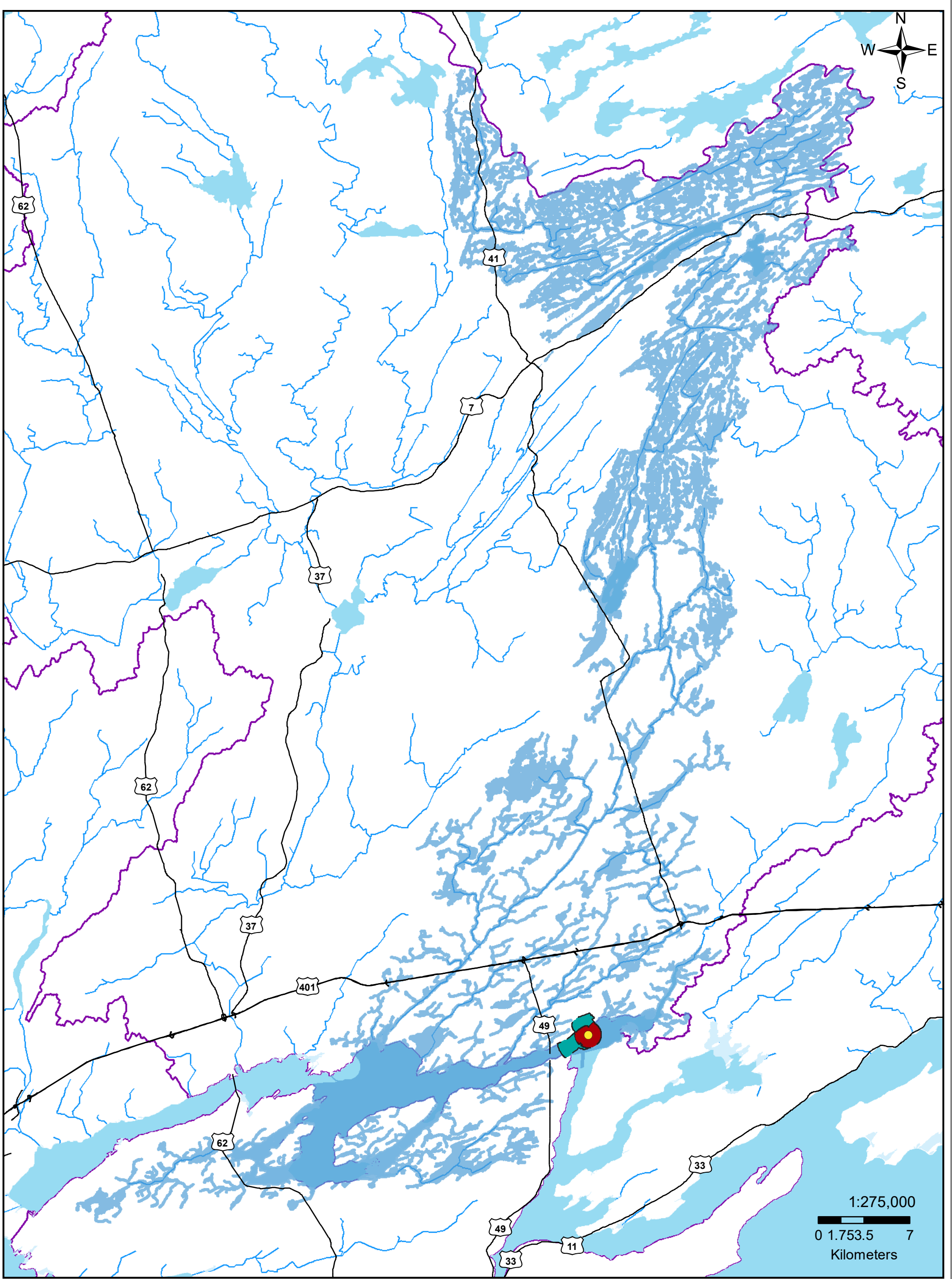


Legend

- Intake
- Intake Protection Zone 1
- Managed Lands < 40%
- Shoreline
- Intake Protection Zone 2

Moira River, Napanee Region and Prince Edward Region Watersheds.  
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Intake Location - Ministry of the Environment  
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**Map 6.28 Deseronto IPZ 3a & b Managed Land**



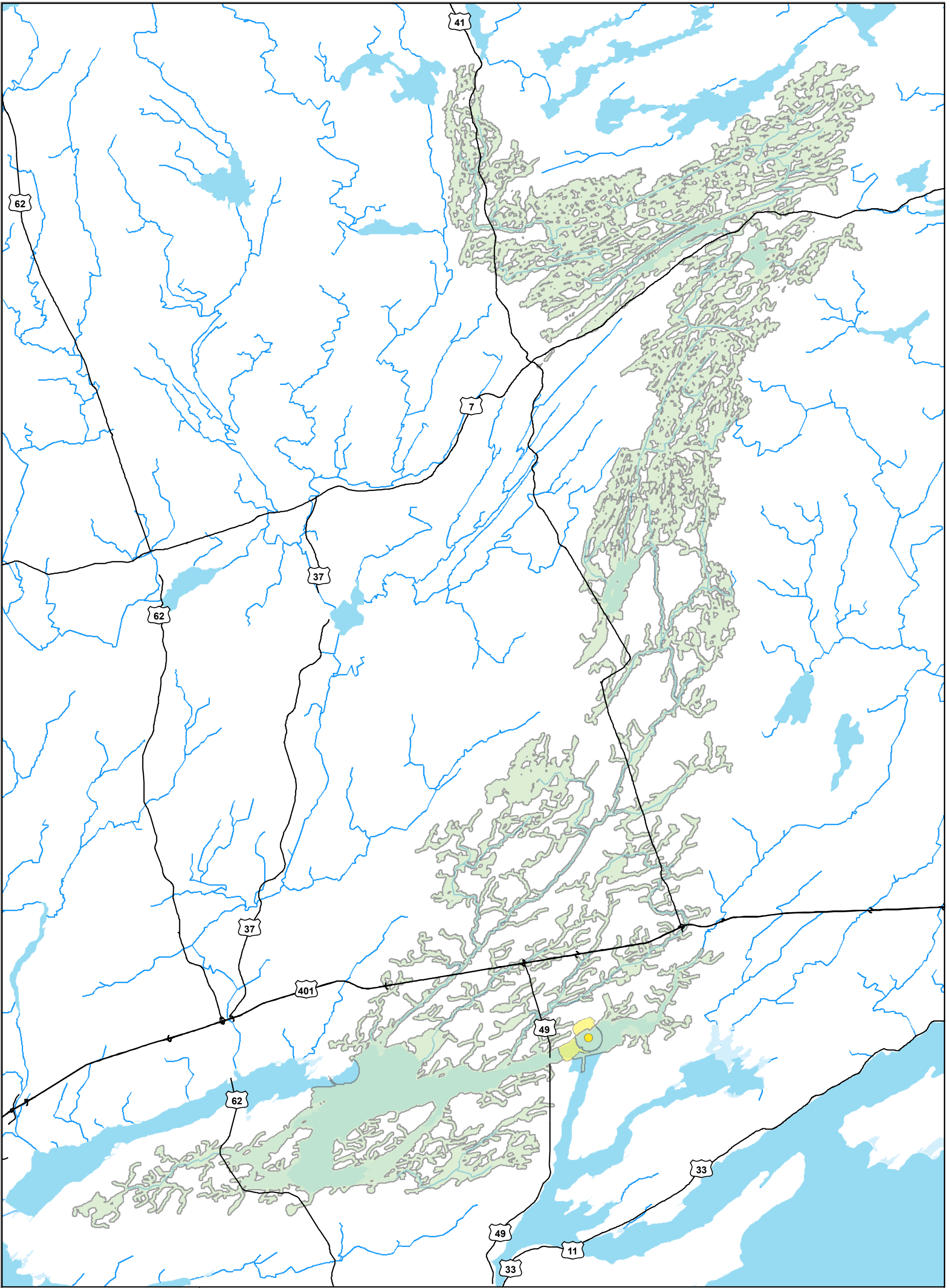
**Legend**

- Intakes
- Intake Protection Zone 1
- Livestock Density >1 NU/Acre
- Highways
- Intake Protection Zone 2

**Map 6.29**  
**Deseronto IPZ 3a & b Livestock Density**



Moira River, Napanee Region and Prince Edward Region Watersheds.  
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 Intake Location - Ministry of the Environment  
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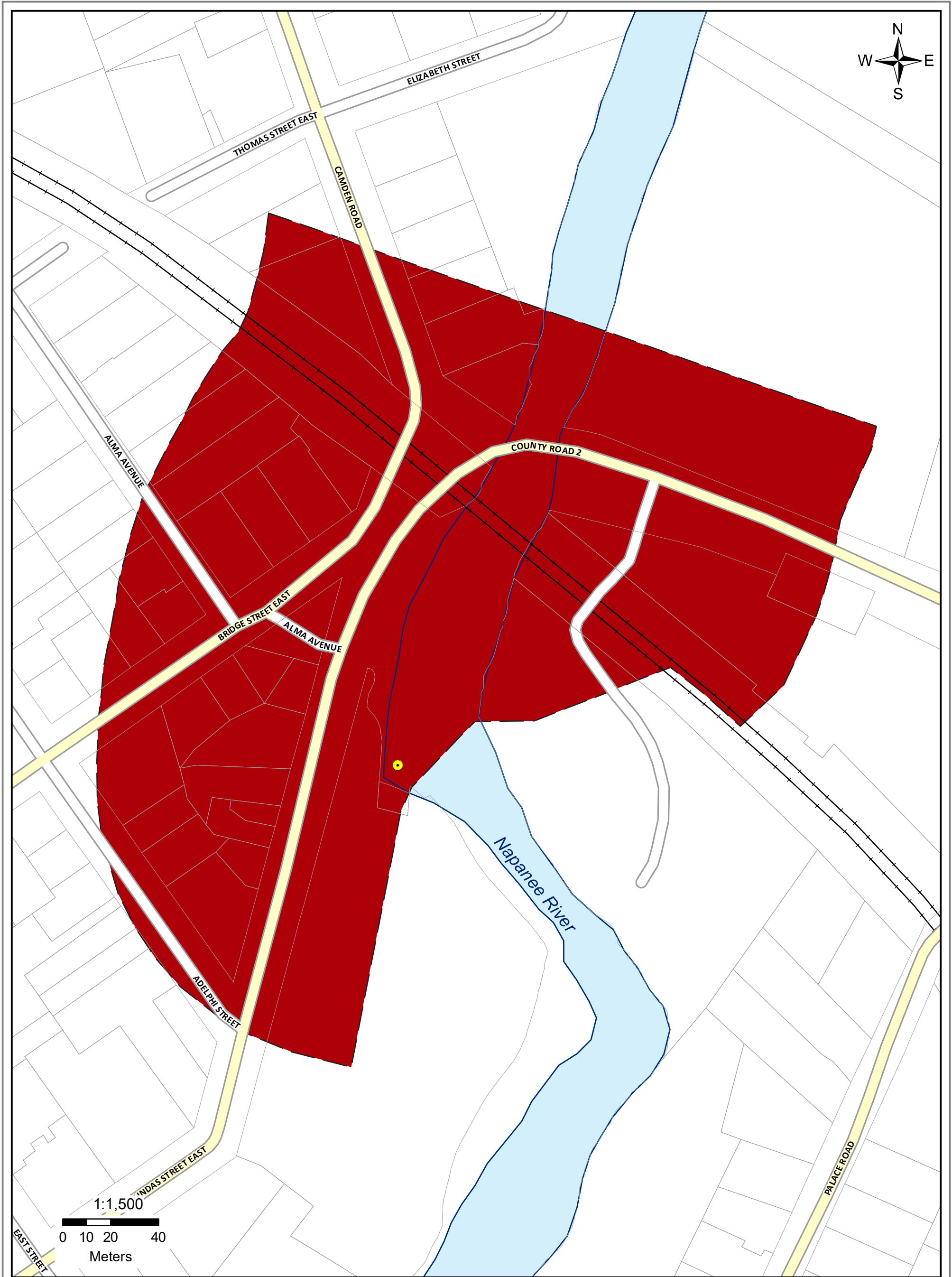
Quinte  
CONSERVATION

Legend

- Intakes
  - Highways
- Total Impervious Surface Area**
- < 1%
  - 1 - 6%

# Map 6.30 Deseronto Intake Protection Zone 3 a & b Total Impervious Surface Area

Moira River, Napanee Region and Prince Edward Region Watersheds.  
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Digital Mapping Sources:  
Base Map - Ontario Ministry of Natural Resources  
Monitoring Wells - Municipality of Marmora & Lake  
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1:1,500

0 10 20 40  
Meters



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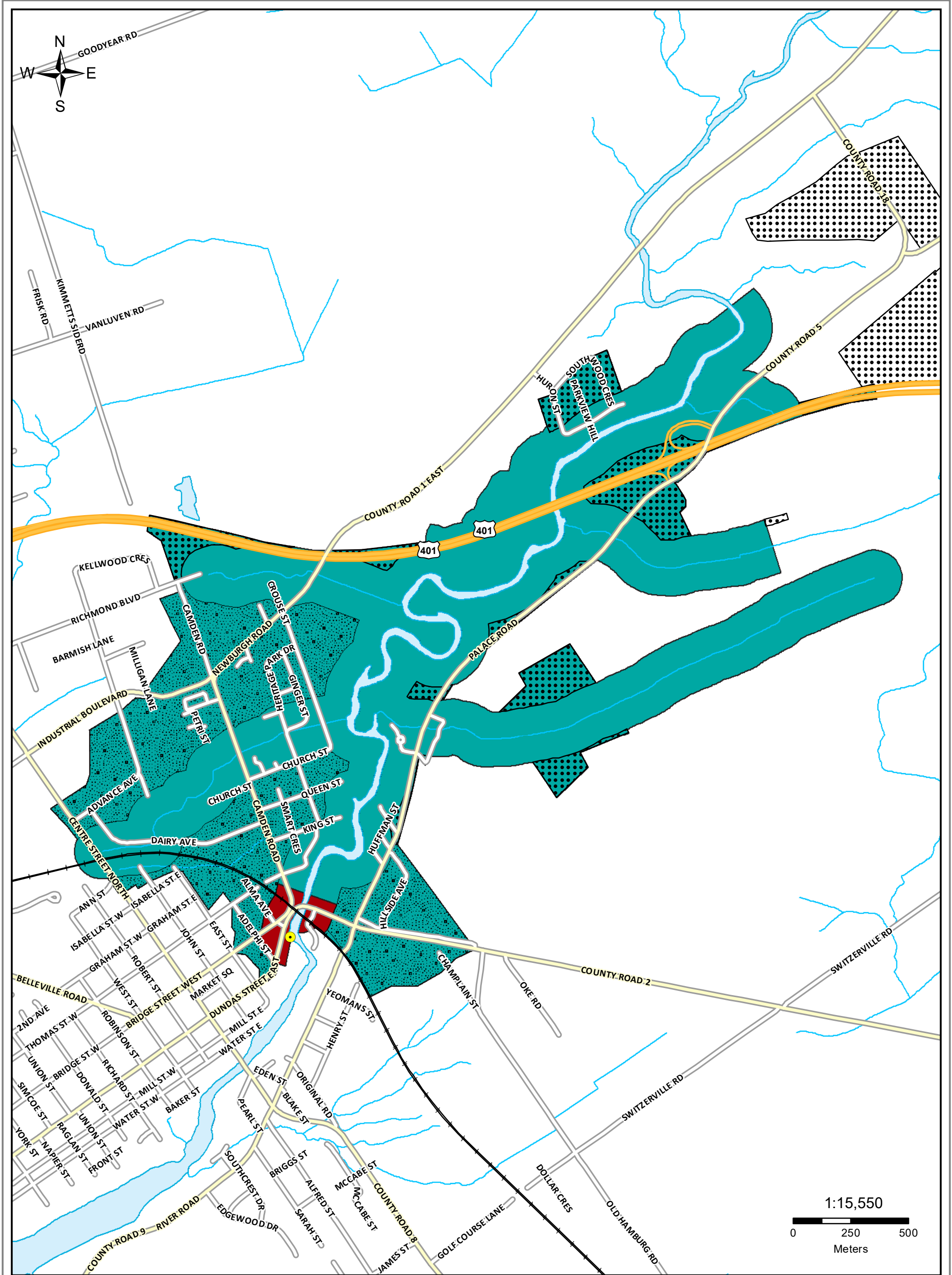

Digital Mapping Sources:  
Base Map - Ontario Ministry of Natural Resources  
Intake Location - Ministry of the Environment

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### Legend

- Intake
- Shoreline
- Railway
- IPZ 1

## Map 6.31 Napanee Intake Protection Zone One

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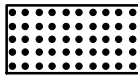


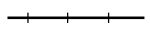
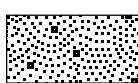

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Digital Mapping Sources:  
 Base Map - Ontario Ministry of Natural Resources  
 Intake Location - Ministry of the Environment

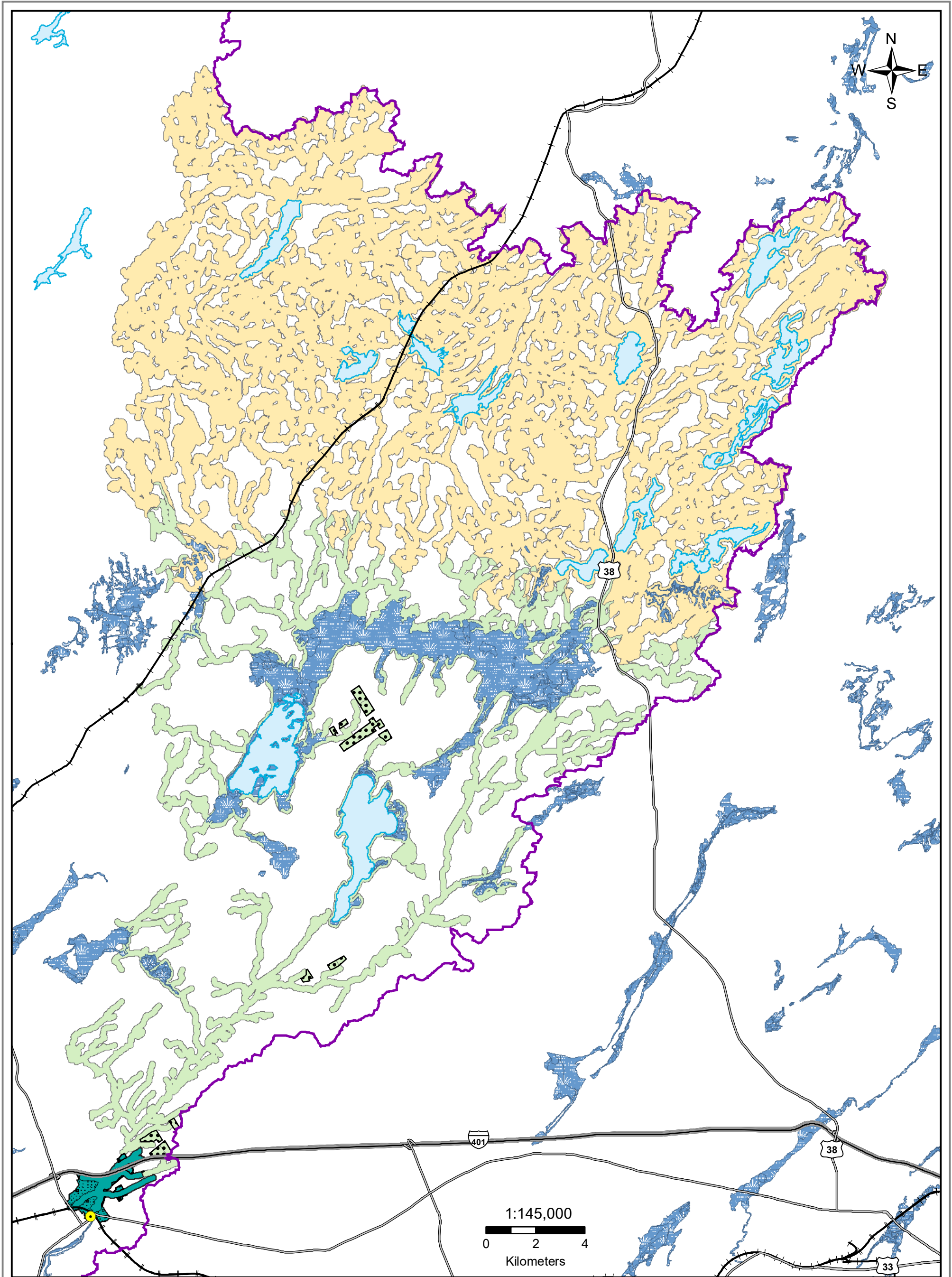
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**Legend**

	Intake		Watercourses		Transport Pathway		IPZ 1
	Shoreline		Railway		Sewershed		IPZ 2

**Map 6.32 Napanee Intake Protection Zones 1 & 2**





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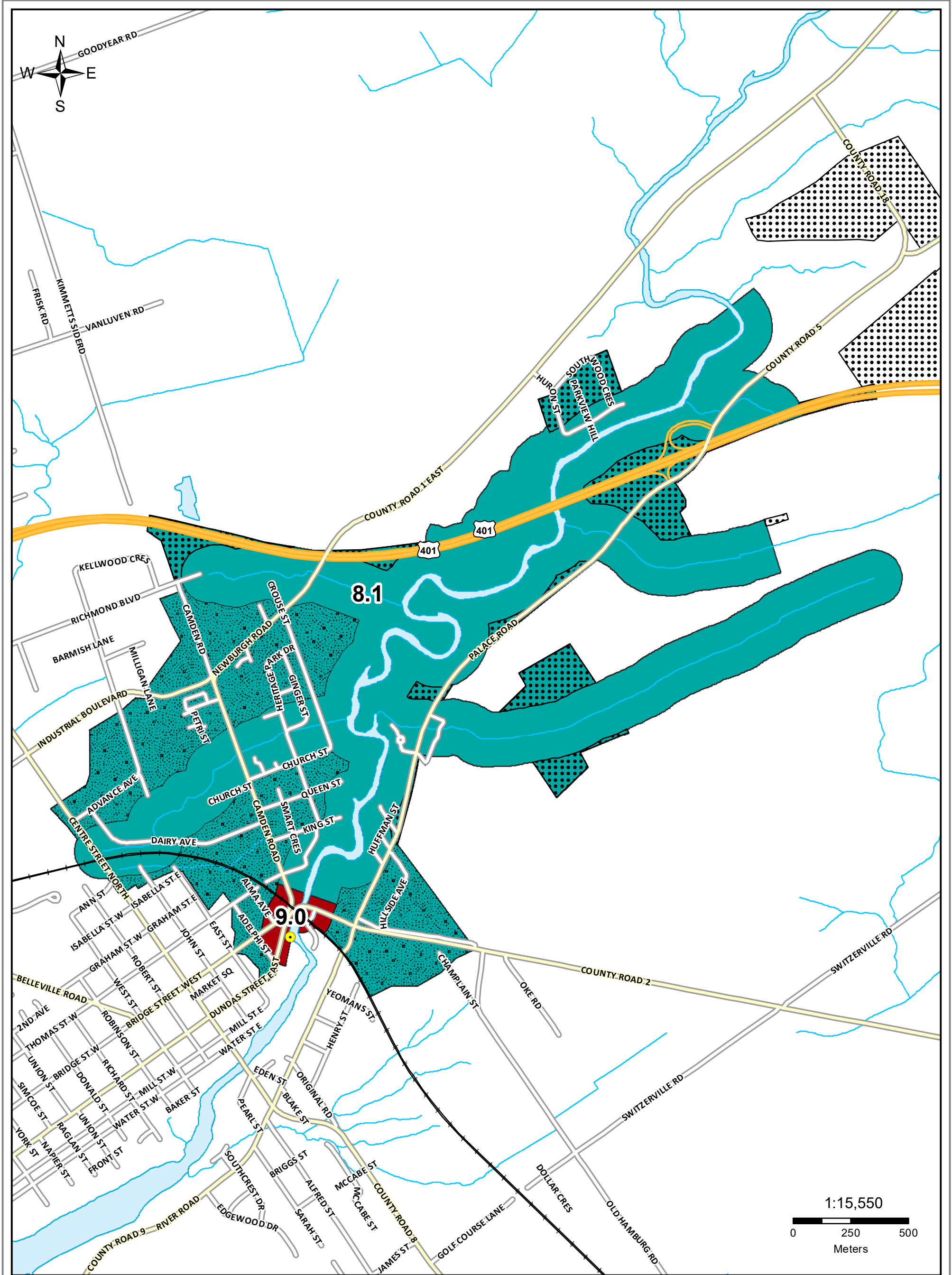
Digital Mapping Sources:  
 Base Map - Ontario Ministry of Natural Resources  
 Intake Location - Ministry of the Environment


### Legend

- |             |                   |        |               |
|-------------|-------------------|--------|---------------|
| Intake      | Transport Pathway | IPZ 2  | Lakes         |
| Highways    | Sewersheds        | IPZ-3a | Wetland       |
| Highway 401 | IPZ 1             | IPZ-3b | Quinte Region |



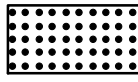


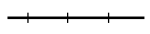
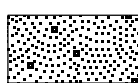

## Map 6.33 Napanee Intake Protection Zones

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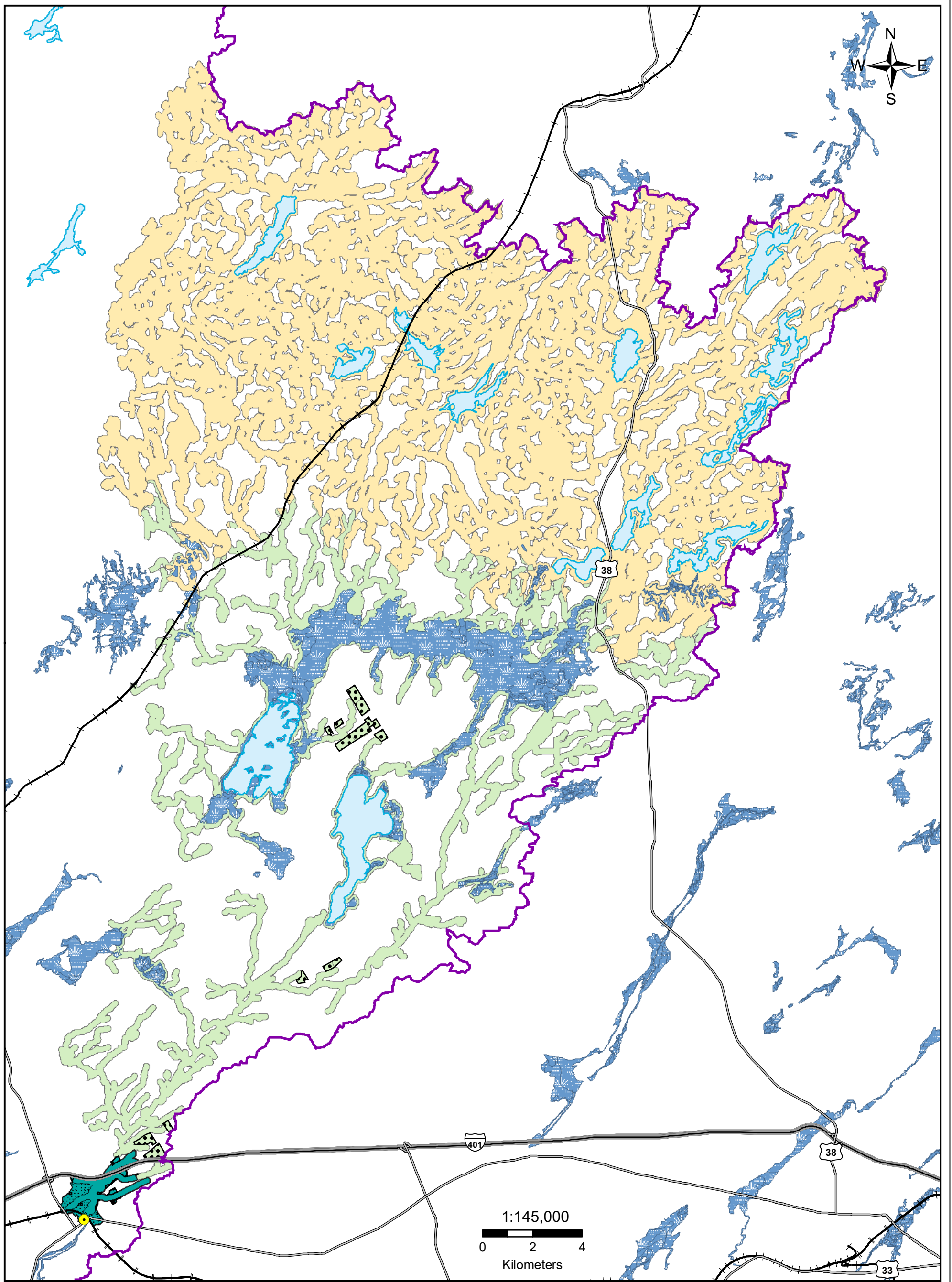



  
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**Legend**

	Intake		Watercourses		Transport Pathway		Vulnerability = 9.0
	Shoreline		Railway		Sewershed		Vulnerability = 8.1

**Map 6.34 Napanee IPZ 1 & 2 Vulnerability**



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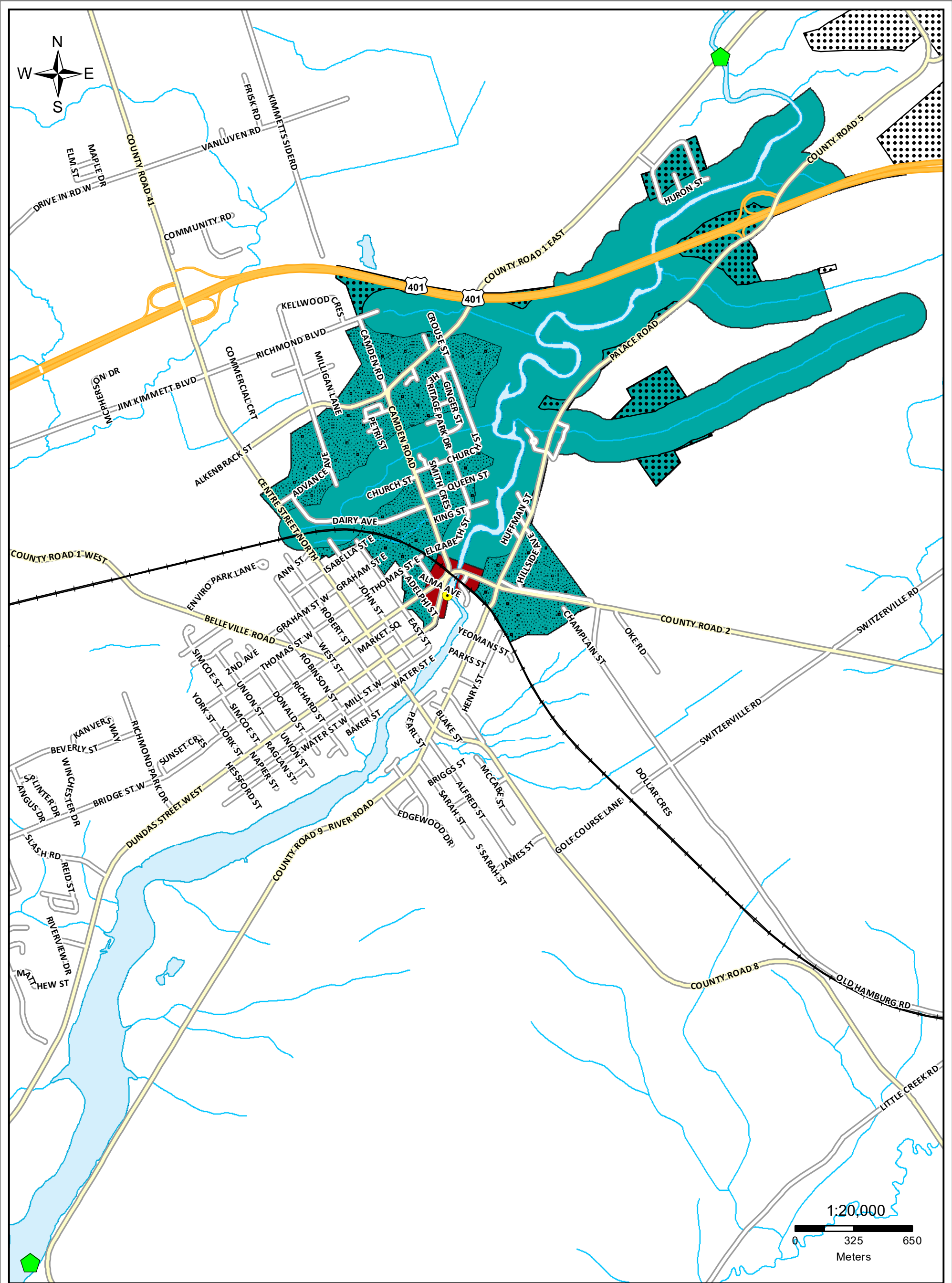
Digital Mapping Sources:  
 Base Map - Ontario Ministry of Natural Resources  
 Intake Location - Ministry of the Environment

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### Legend

- |             |                     |                     |               |
|-------------|---------------------|---------------------|---------------|
| Intake      | Transport Pathway   | Vulnerability = 8.1 | Lakes         |
| Highways    | Sewershed           | Vulnerability = 7.2 | Wetland       |
| Highway 401 | Vulnerability = 9.0 | Vulnerability = 2.7 | Quinte Region |

## Map 6.35 Napanee IPZ Vulnerability



### Legend

- Intake
- ~ Watercourses
- ▬ Shoreline
- + Railway
- ▨ Transport Pathway
- ▨ Sewer shed
- IPZ 1
- IPZ 2

## Map 6.36 Napanee Backup System Monitoring

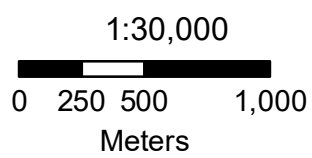
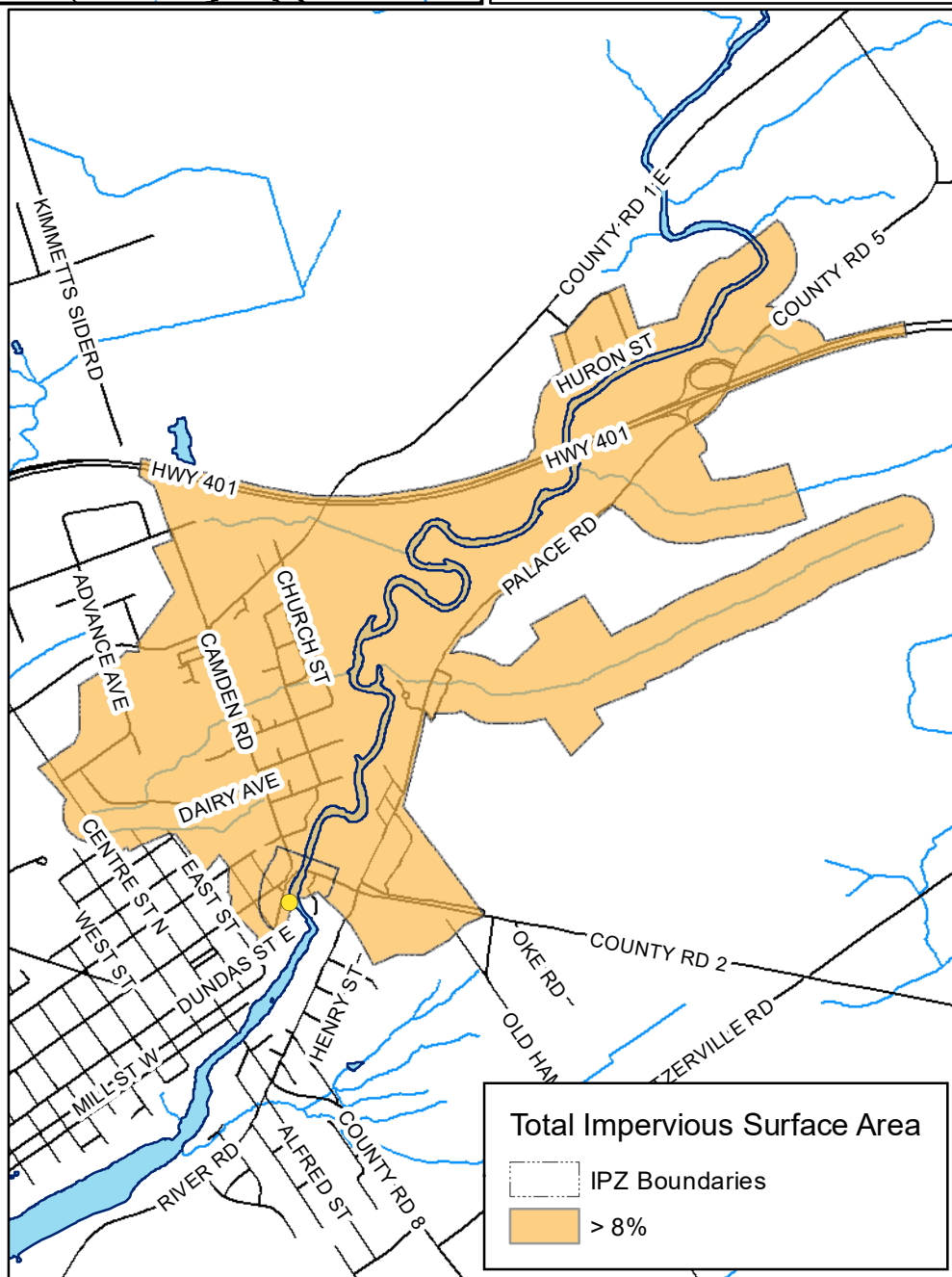
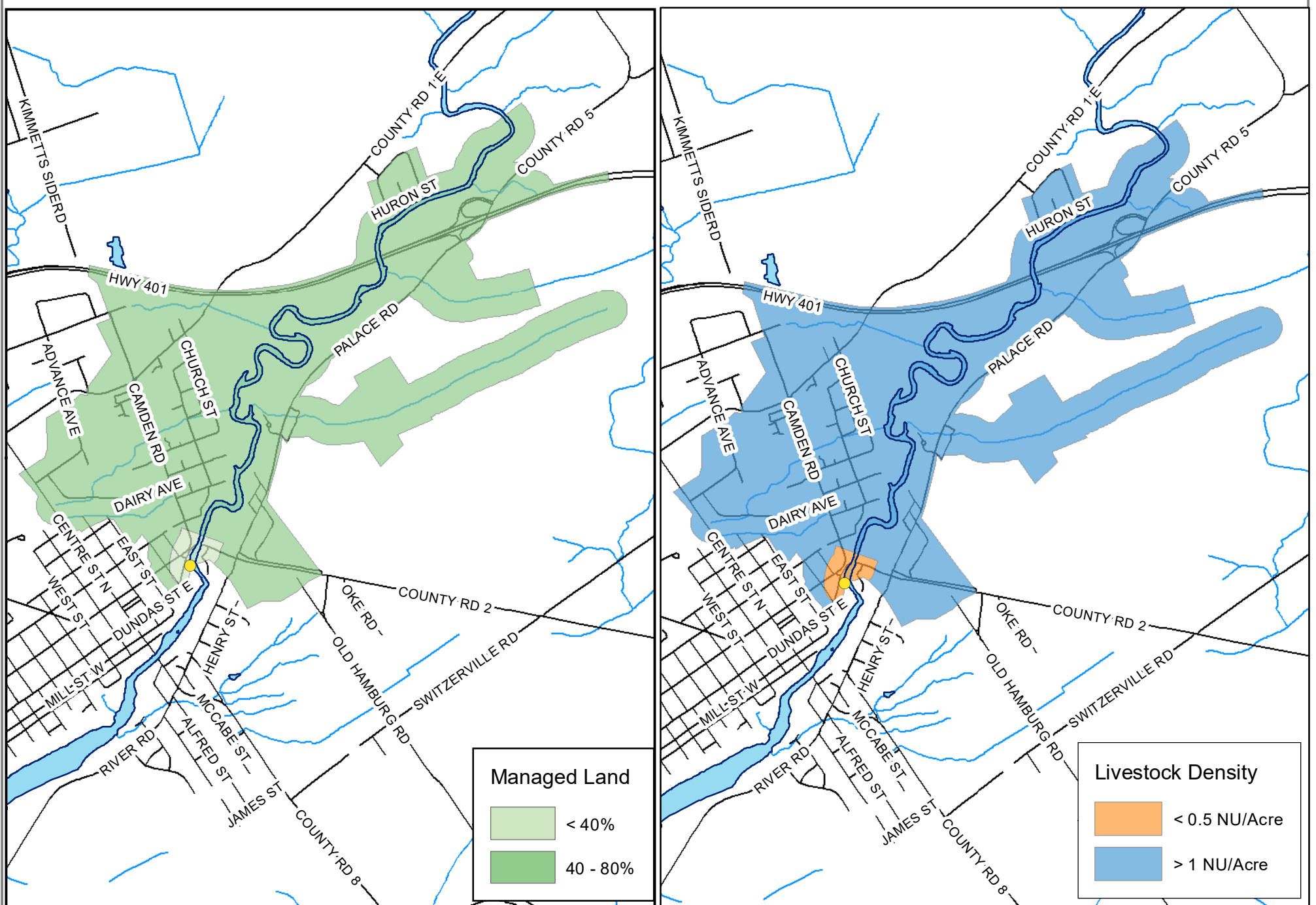


Moira River, Napanee Region and Prince Edward Region Watersheds.  
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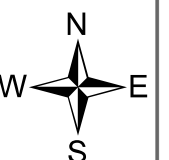
Digital Mapping Sources:  
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Intake Location - Ministry of the Environment

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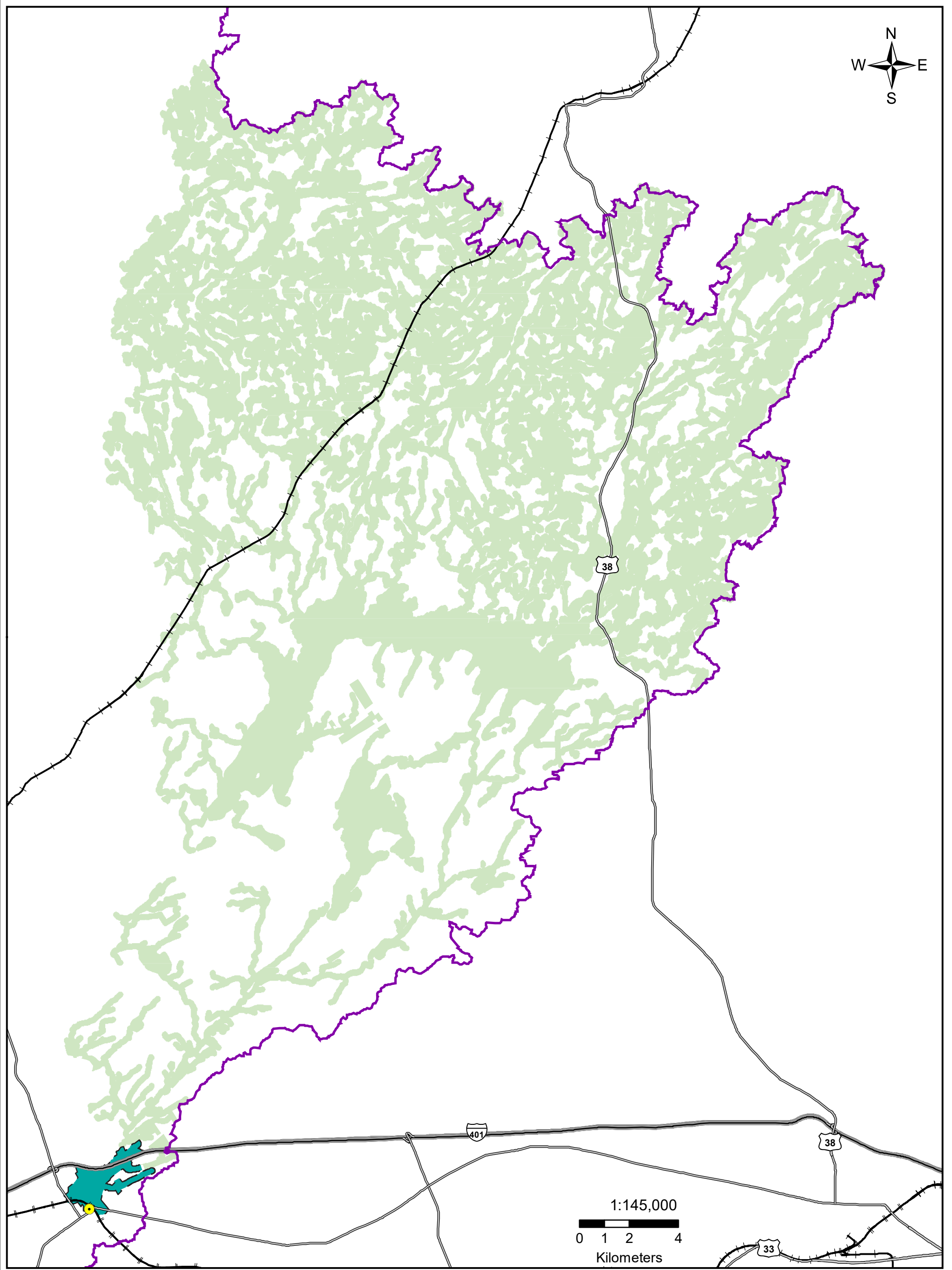



Legend

- Intakes
- Shoreline
- Roads










# Map 6.37 Napanee Intake Protection Zone Managed Land, Livestock Density & Impervious Surface Area

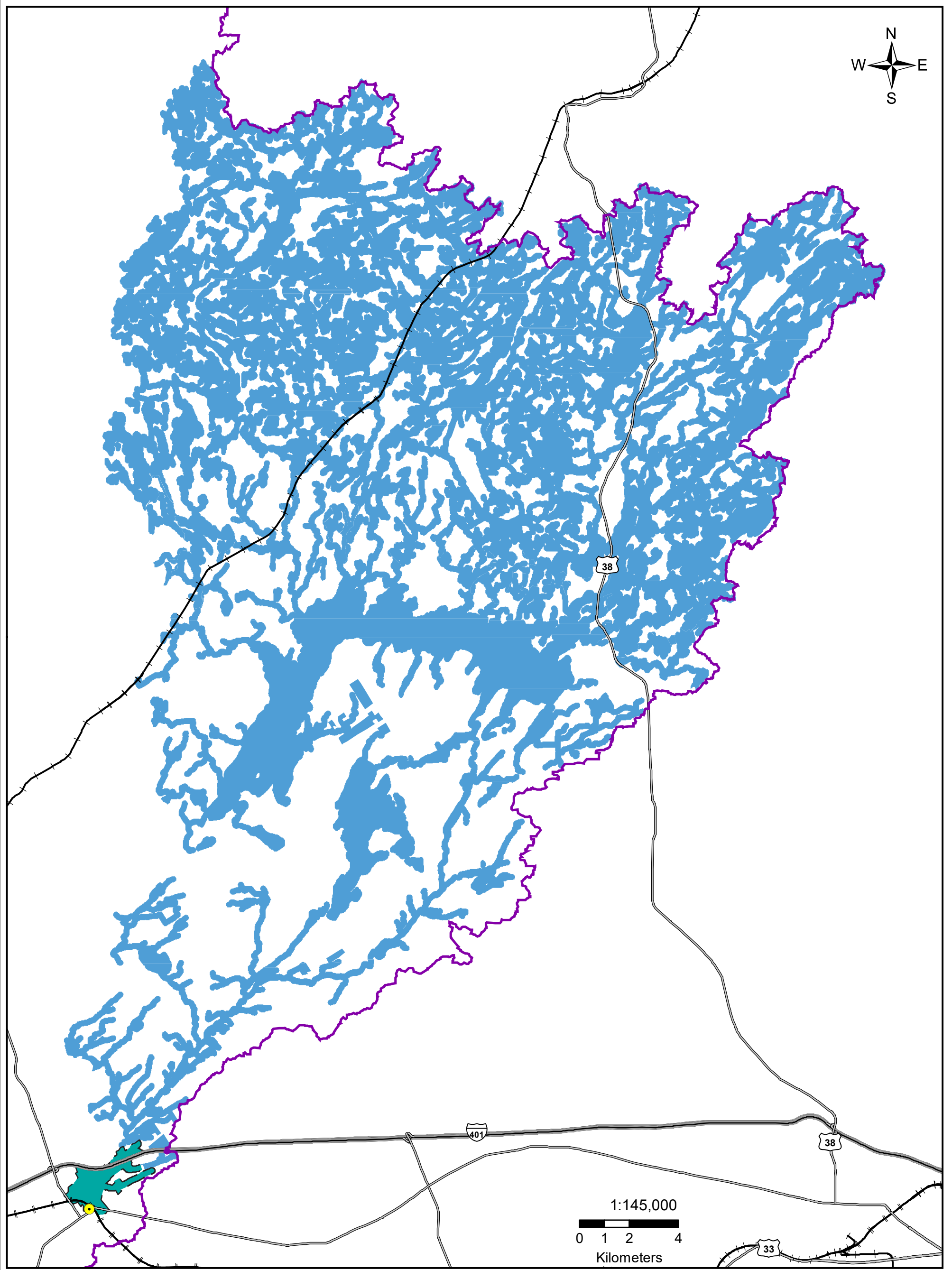



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**Legend**

	Intake		IPZ 1		Managed Lands < 40%
	Highways		IPZ 2		Quinte Region
	Highway 401				

**Map 6.38 Napanee IPZ 3a & b Managed Land**



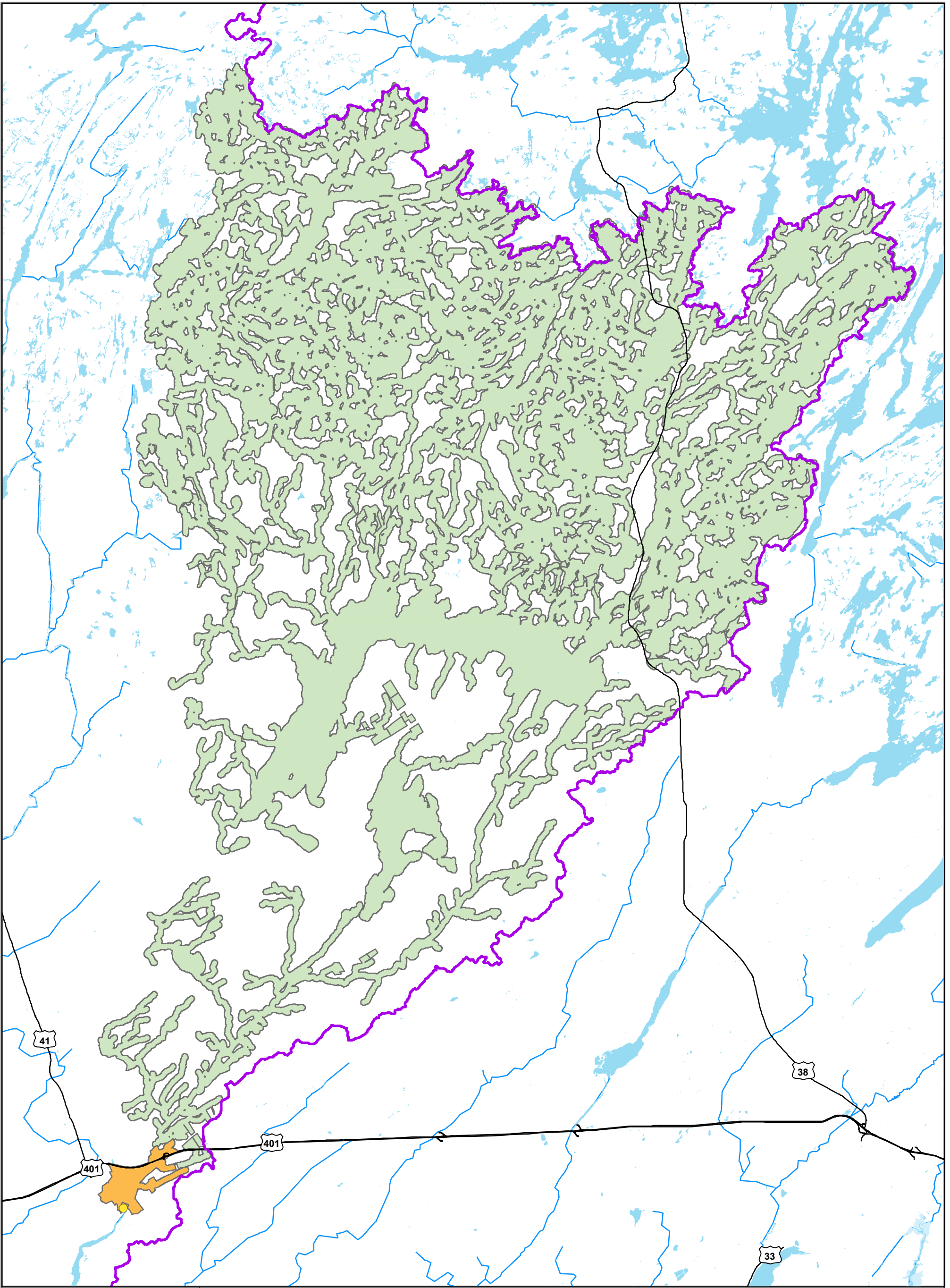
**Legend**

- Intake
- IPZ 1
- Livestock Density > 1 NU/Acre
- IPZ 2
- Quinte Region
- Highways
- Highway 401

**Map 6.39**  
**Napanee IPZ 3a & b Livestock Density**



Moira River, Napanee Region and Prince Edward Region Watersheds.  
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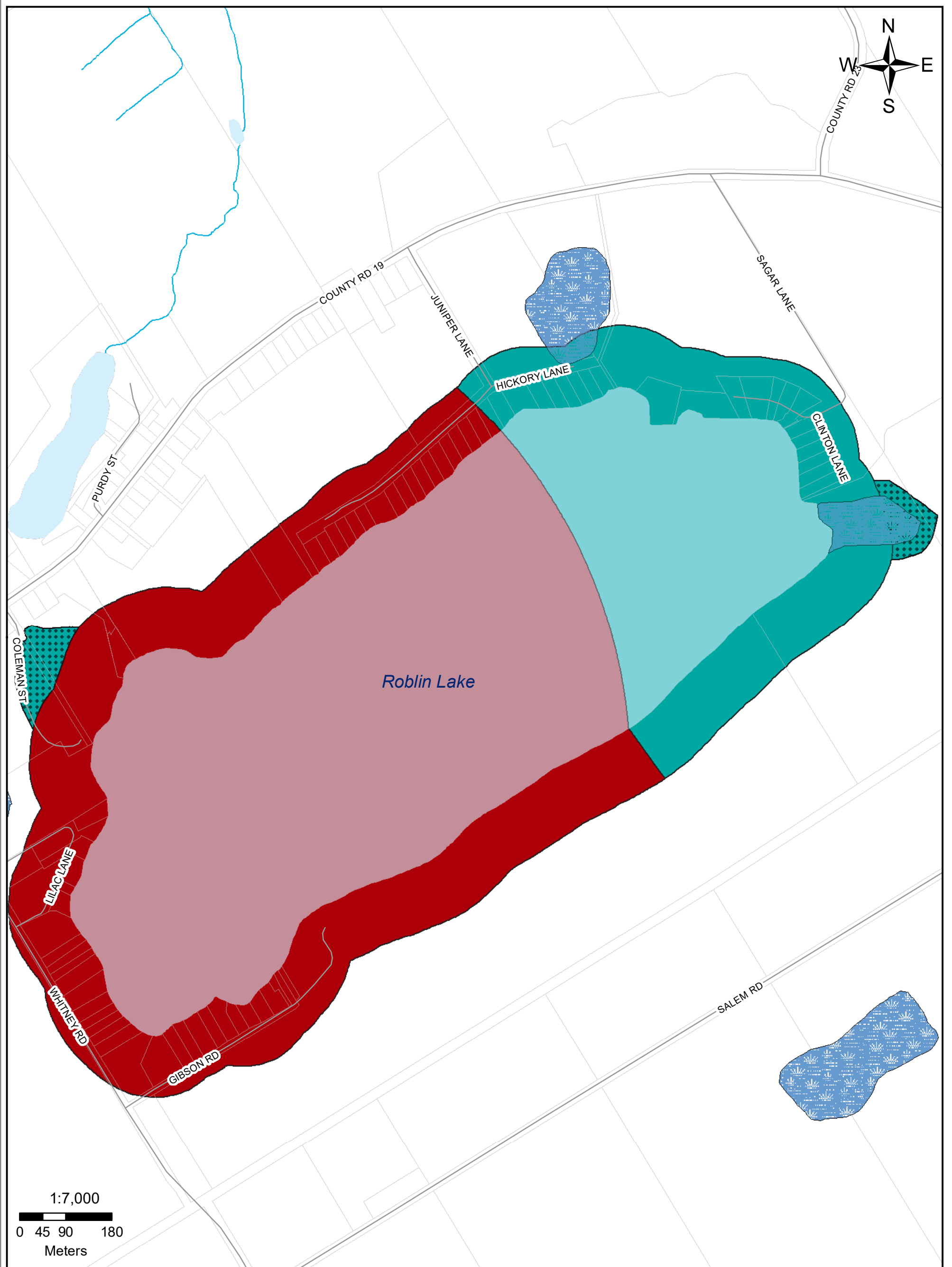
**Legend**

- Intakes
- < 1%
- Quinte Watershed
- Highways
- > 8%

**Map 6.40 Napanee Intake Protection Zone 3 a & b Impervious Surface Area**

Moira River, Napanee Region and Prince Edward Region Watersheds.  
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**Legend**

- Intakes
- Water Courses
- Waterbody
- Wetland Area
- IPZ 1
- IPZ 2
- Parcels
- Transport Pathway

# Map 6.41 Ameliasburgh Intake Protection Zones

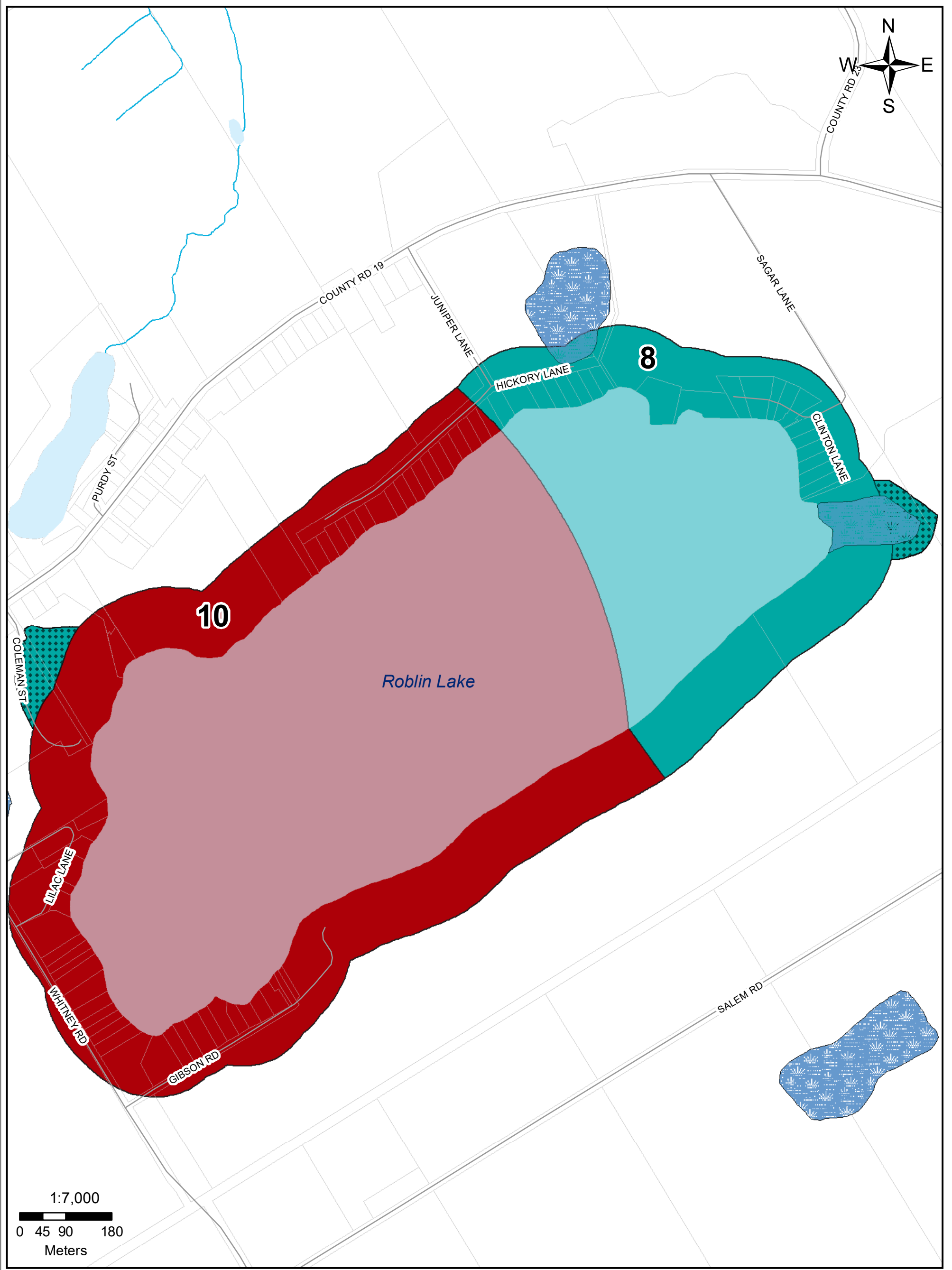



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 Intake Location - Ministry of the Environment

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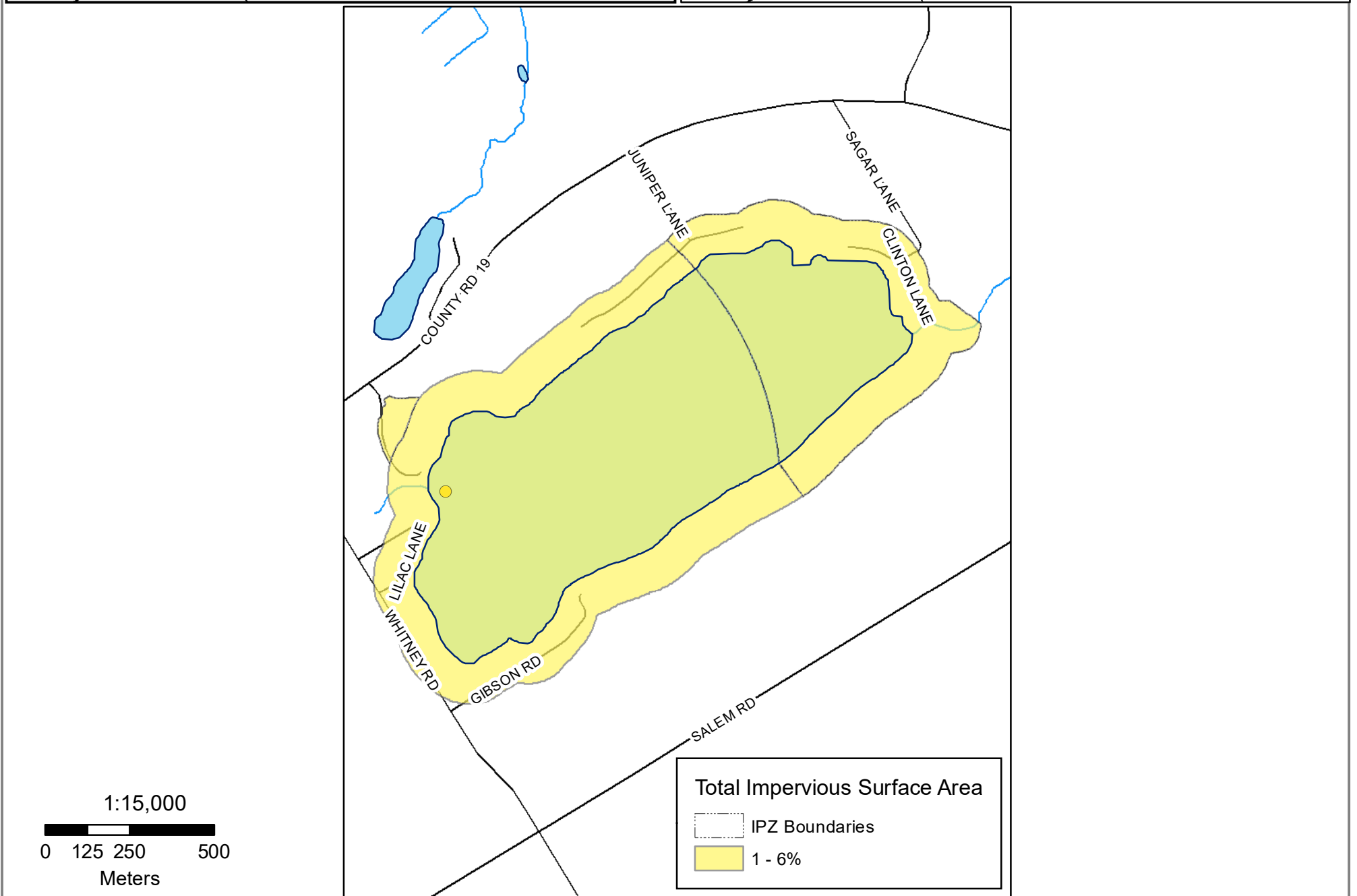
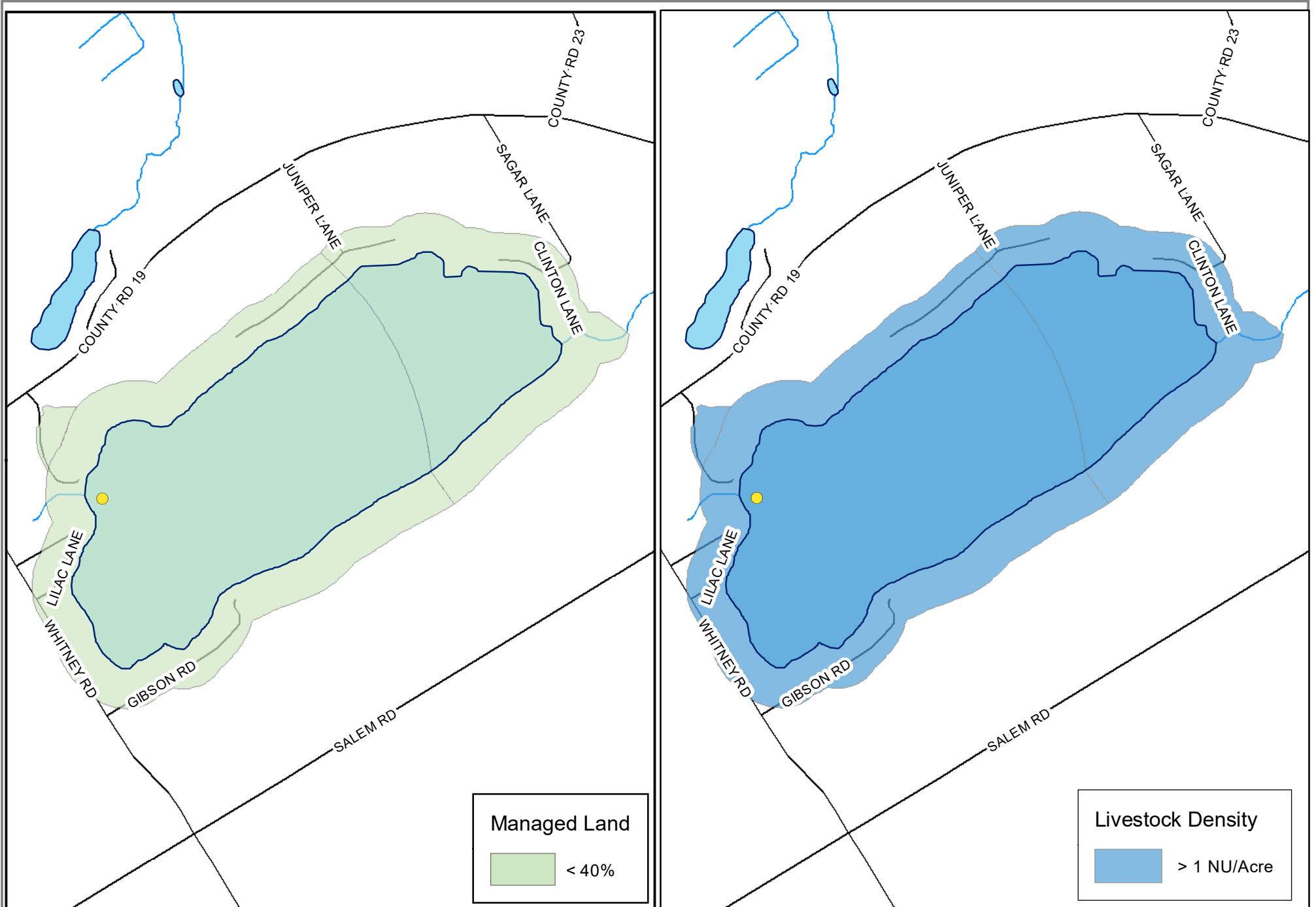
Digital Mapping Sources:  
Base Map - Ontario Ministry of Natural Resources  
Intake Location - Ministry of the Environment

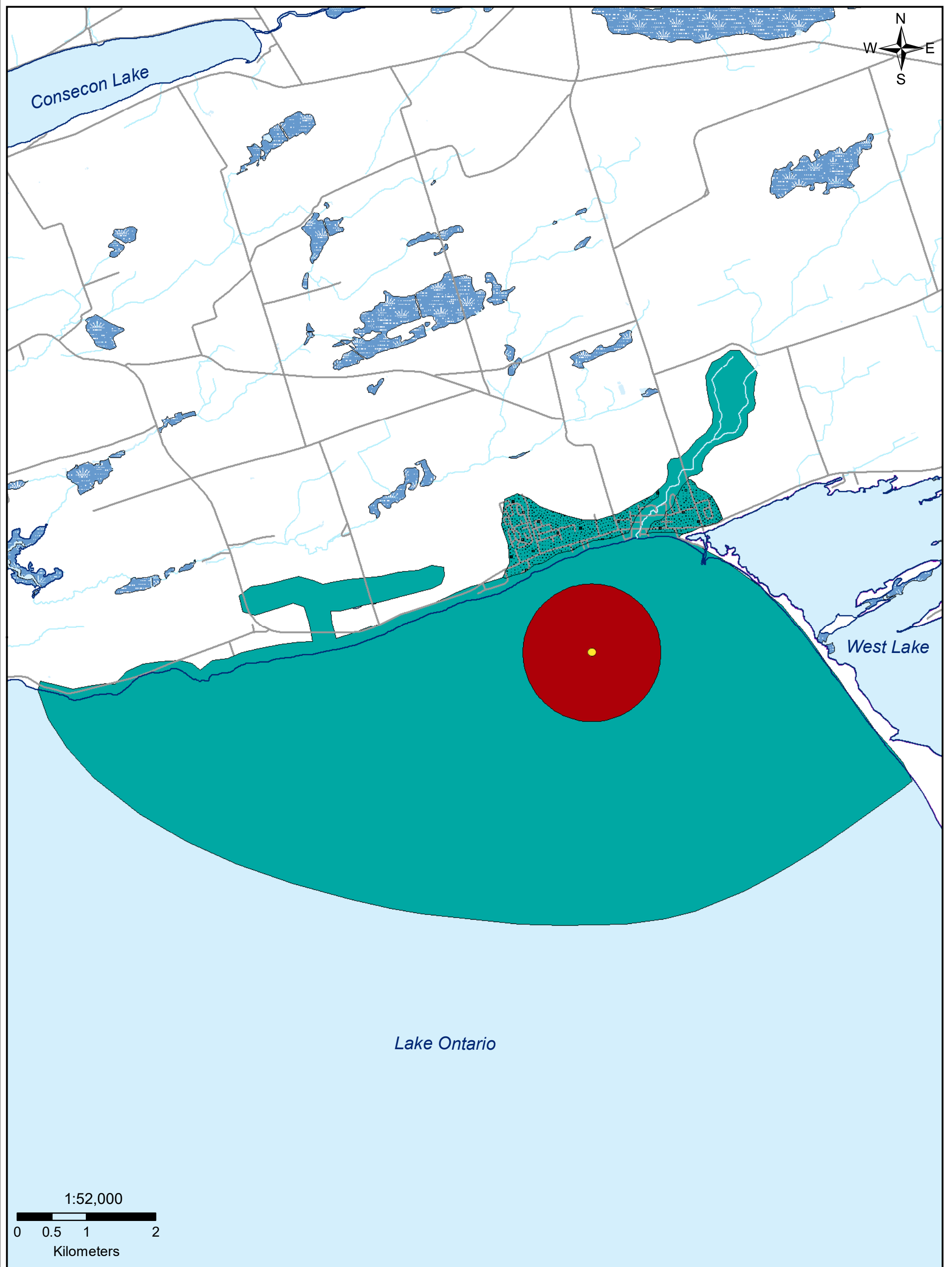

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**Legend**

 Intakes	 Waterbody	 Vulnerability = 10	 Parcels
 Water Course	 Wetland	 Vulnerability = 8	 Transport Pathway

**Map 6.42 Ameliasburgh IPZ Vulnerability**








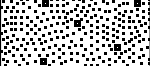



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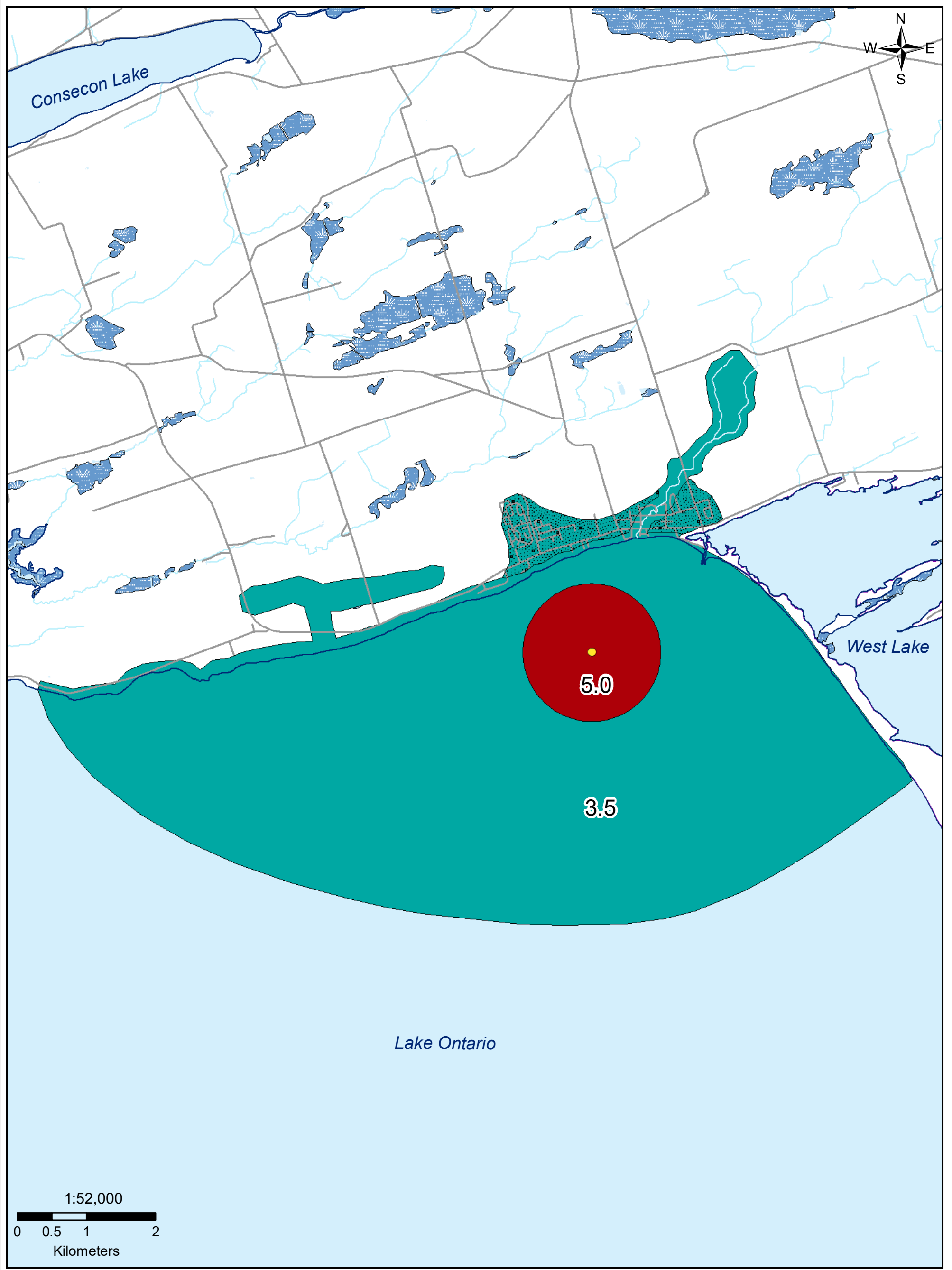

Digital Mapping Sources:  
 Base Map - Ontario Ministry of Natural Resources  
 Intake Location - Ministry of the Environment

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**Legend**

	Intakes		Shoreline		IP Zone 2
	Water Courses		IP Zone 1		Sewershed

**Map 6.44 Wellington Intake Protection Zones**

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Digital Mapping Sources:  
 Base Map - Ontario Ministry of Natural Resources  
 Intake Location - Ministry of the Environment

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**Legend**

- Intakes
- Shoreline
- Vulnerability = 3.5
- Water Courses
- Vulnerability = 5.0
- Sewershed

**Map 6.45 Wellington IPZ Vulnerability**