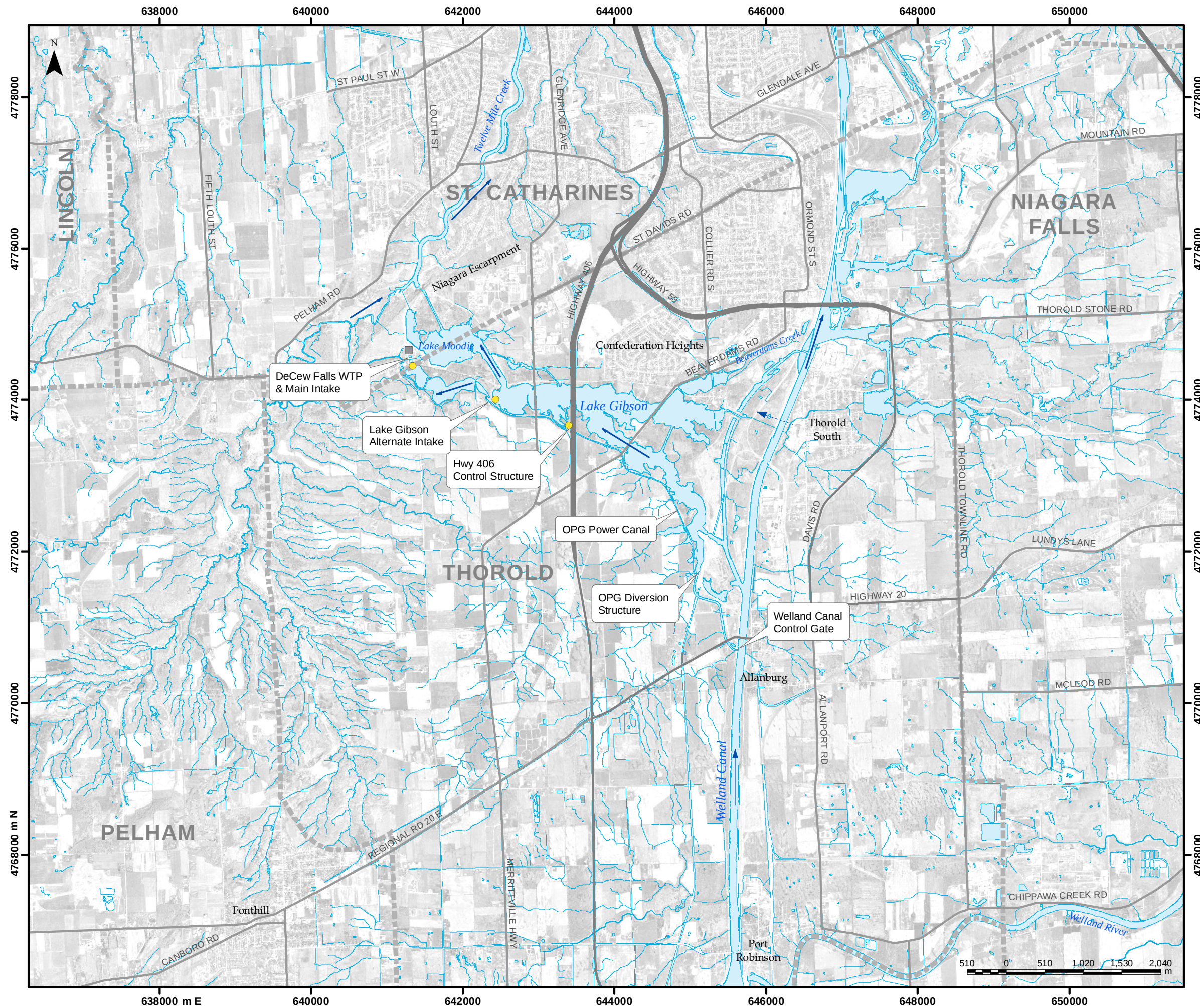




Legend

- Intake
- Municipal WTP
- Primary Highway
- Secondary Highway
- Other Road
- Municipal Boundary
- Watercourse

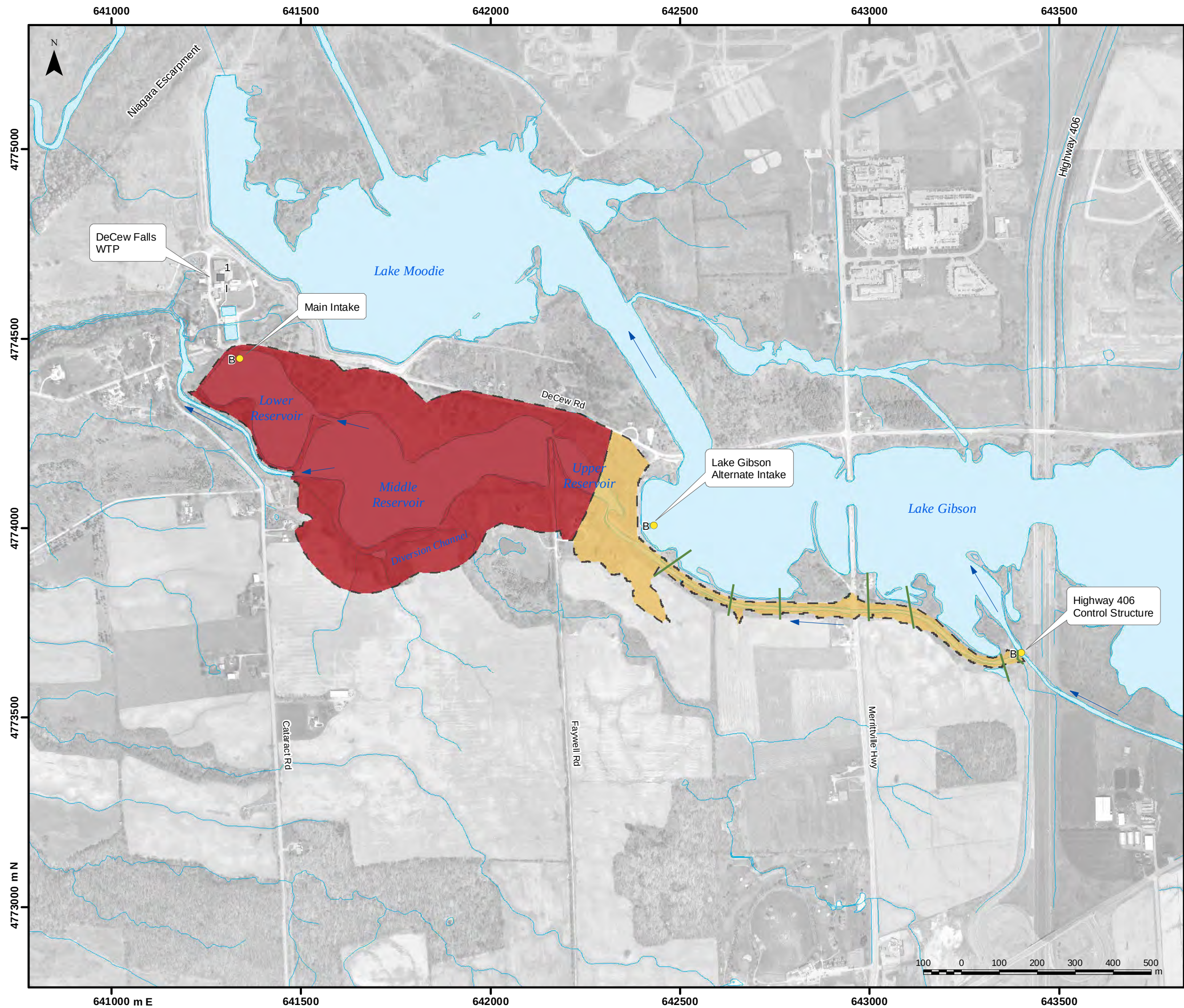
Notes:
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Project
**Niagara Peninsula
Source Protection Area
Assessment Report**

Figure No.	Revision No.	Date
7.1	3	July 14, 2011

Title
Local Setting





Legend

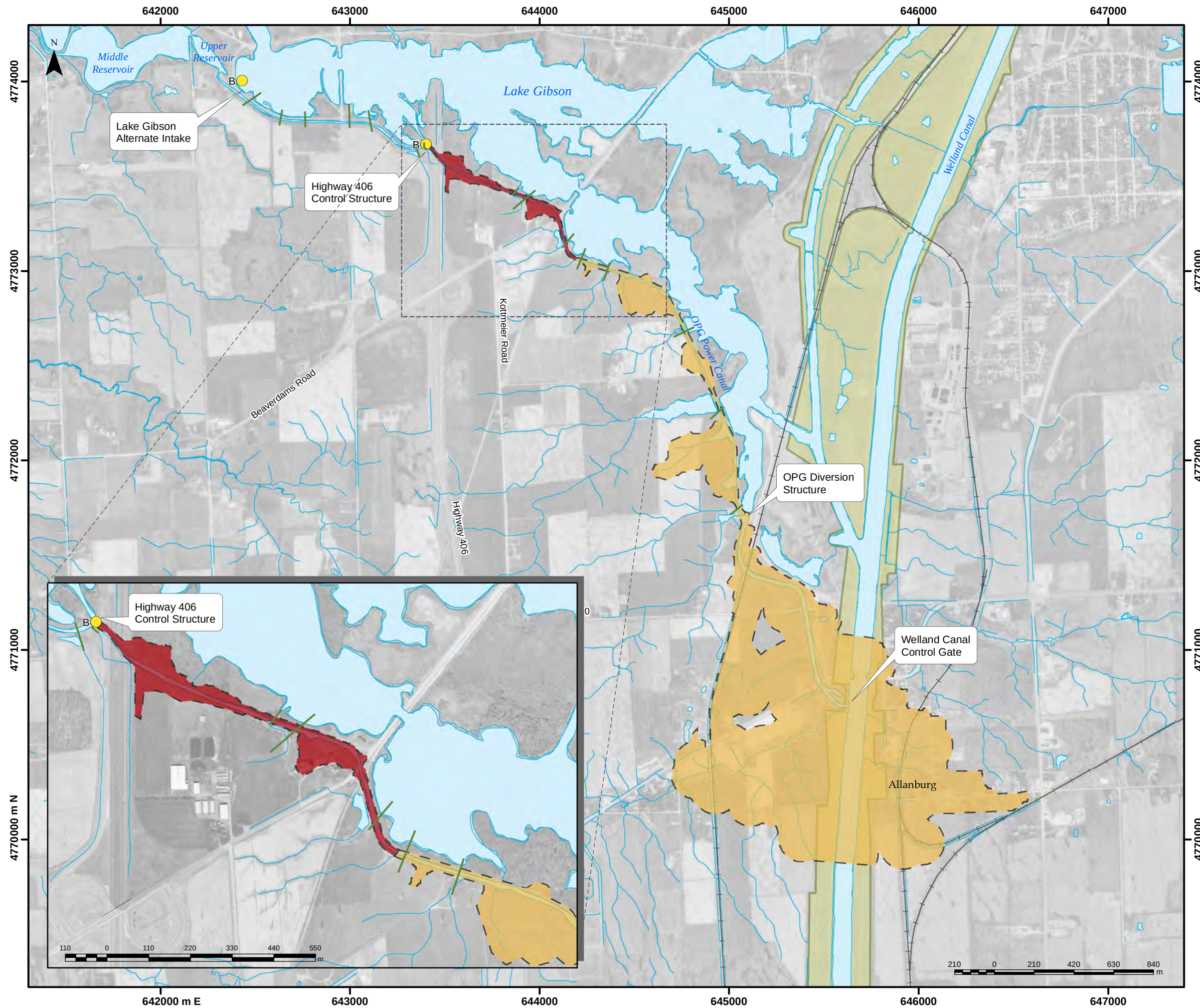
- Intake
Intake Type (Rule 55), Left
- Municipal WTP
Class (Rule 16. (3) (b)), Upper Right; System Type (Rule 1. (1)), Lower Right
- Culvert
- ~ Watercourse
- IPZ-1
- IPZ-2

Notes:
Blue arrows indicate direction of flow. Imagery courtesy of Niagara Region. Hydrology courtesy of Niagara Peninsula Conservation Authority. Copyright © 2011 Stantec Consulting Ltd. Projection: UTM Zone 17N, NAD 1983

Project
**Niagara Peninsula
Source Protection Area
Assessment Report**

Figure No.	Revision No.	Date
7.2	12	July 14, 2011

Title
**DeCew Falls WTP
IPZ Delineations -
Main Intake**



Legend

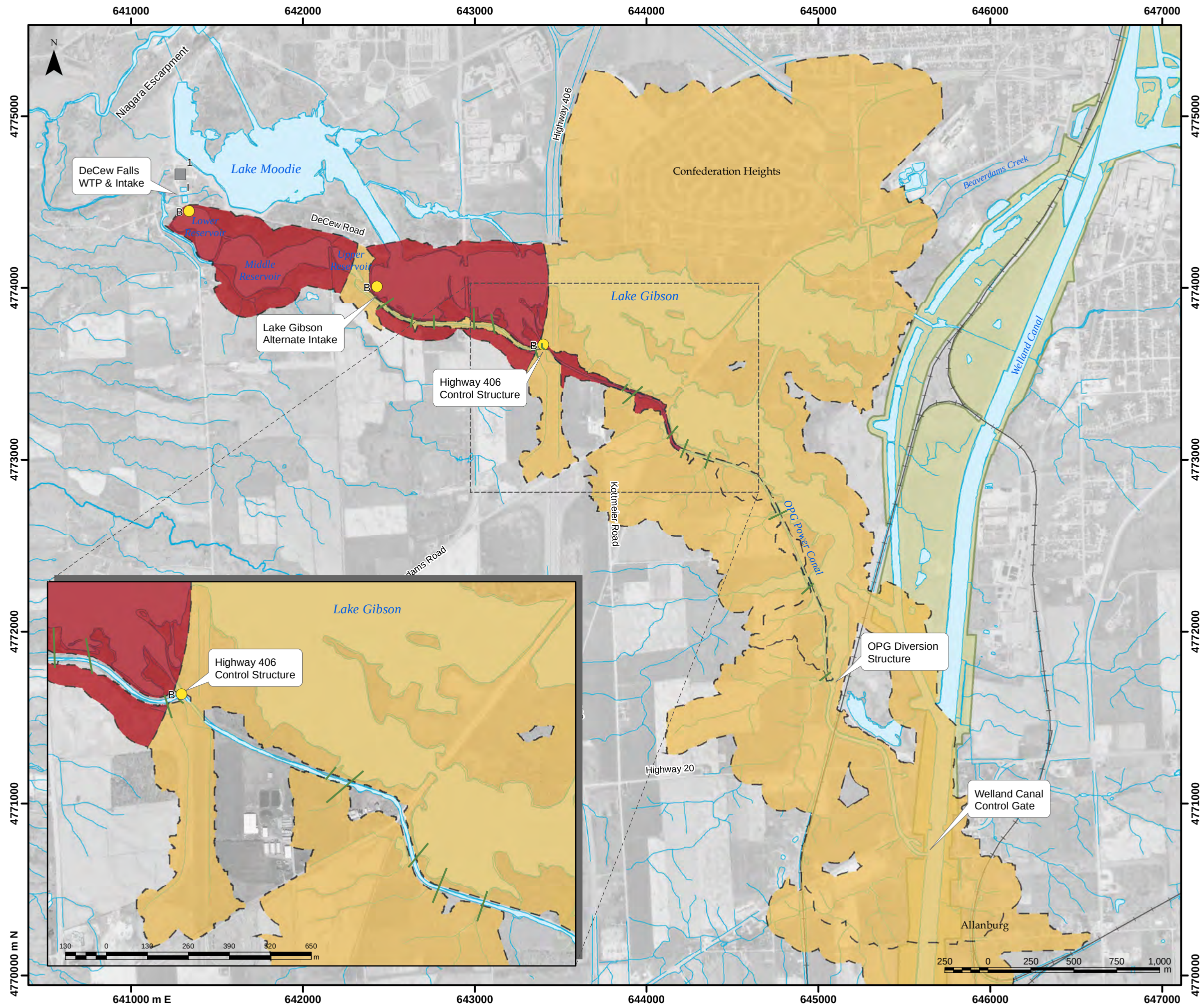
- Intake (Rule 55), Left
- Intake Type (Rule 16. (3) (b)), Upper Right; System Type (Rule 1. (1)), Lower Right
- Municipal WTP
- Culvert
- Watercourse
- Railway
- IPZ-1
- IPZ-2
- Federal Lands

Notes:
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Project
**Niagara Peninsula
Source Protection Area
Assessment Report**

Figure No.	Revision No.	Date
7.3	11	June 2013

Title
**DeCew Falls WTP IPZ-1/IPZ-2
Delineations - Hwy 406 Control
Structure**



Legend

- Intake Type (Rule 55), Left
- Intake
- Municipal WTP
- Class (Rule 16. (3) (b)), Upper Right; System Type (Rule 1. (1)), Lower Right
- Culvert
- Watercourse
- Railway
- IPZ-1
- IPZ-2
- Federal Lands

Notes

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Project

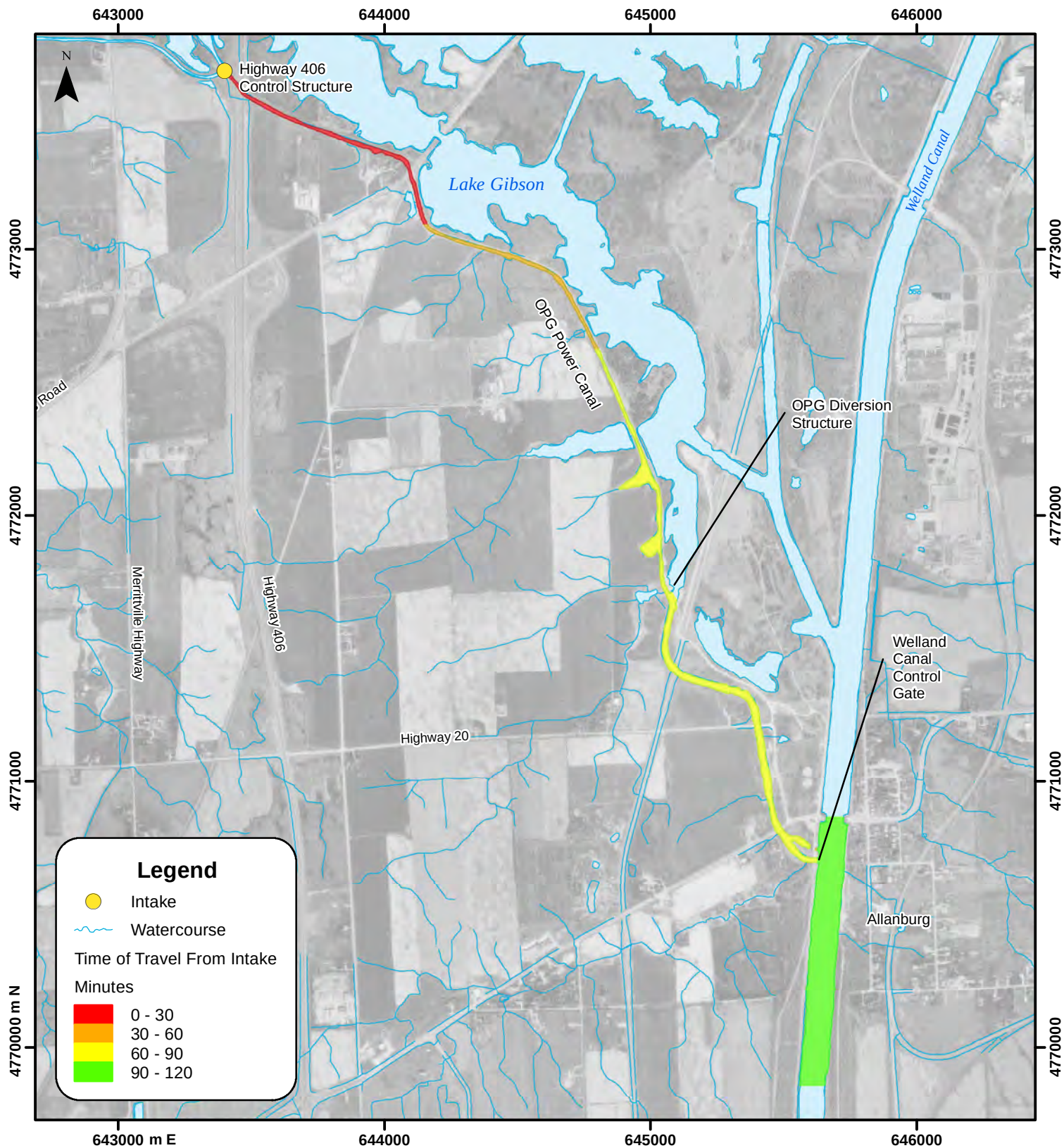
**Niagara Peninsula
Source Protection Area
Assessment Report**

Figure No. Revision No. Date

7.4 11 June 2013

Title

**DeCew Falls WTP
IPZ-1/IPZ-2 Delineations -
Alternate Intake**



Notes:

Time of Travel from Technical Memorandum ND-6, McCorquodale, 2008.
Imagery courtesy of Niagara Region. Water data courtesy of Niagara Peninsula Conservation Authority.
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Projection: UTM Zone 17N, NAD 1983

250 0 250 500 750 1,000 m

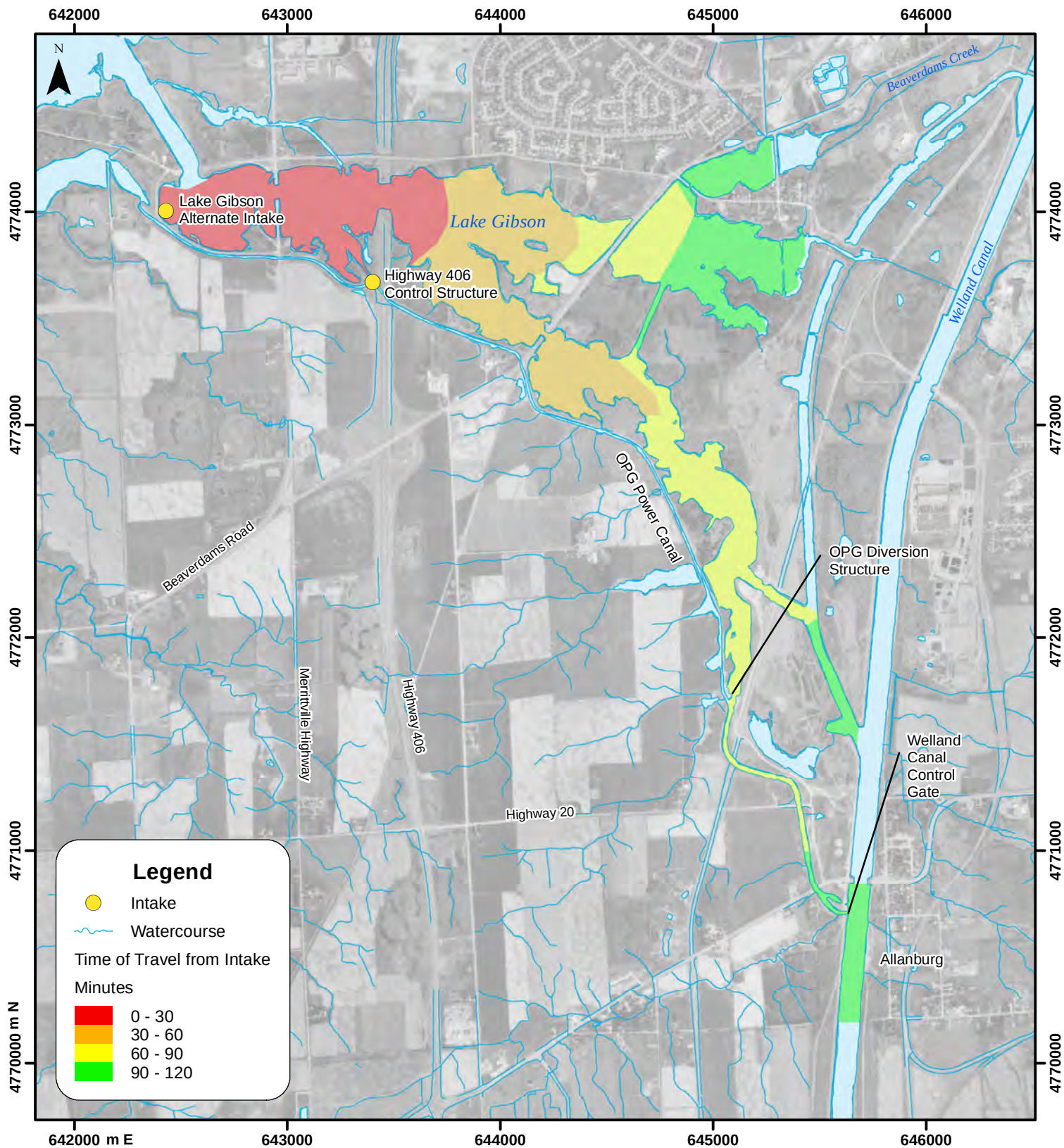
Project

Niagara Peninsula Source Protection Area Assessment Report

Figure No.	Revision No.	Date
7.5	3	June 2013

Title

In-Water IPZ-2 for Main Intake and Control Structure at Hwy 406



Notes:

Time of Travel from Technical Memorandum ND-6, McCorquodale, 2008. Imagery courtesy of Niagara Region. Water data courtesy of Niagara Peninsula Conservation Authority. Copyright © 2013 Stantec Consulting Ltd. **Projection:** UTM Zone 17N, NAD 1983

250 0 250 500 750 1,000 m

Project

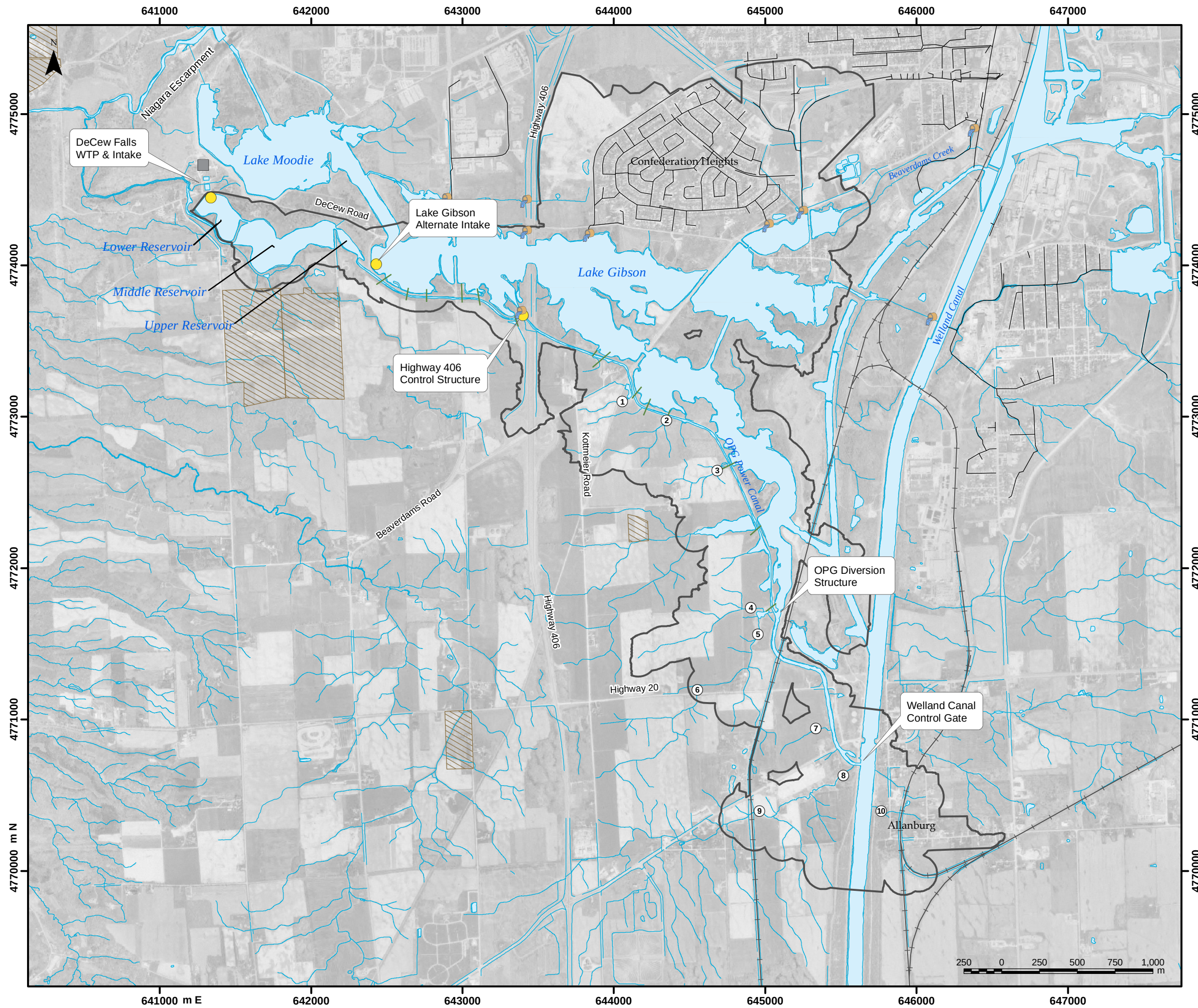
Niagara Peninsula Source Protection Area Assessment Report

Figure No.	Revision No.	Date
7.6	4	June 2013

Title

In-Water IPZ-2 for Lake Gibson Alternate Intake





Legend

- Intake
- Municipal Water Treatment Plant
- Survey Point
- Storm Sewer Outfall
- Storm Sewer Network
- Culvert
- Watercourse
- Railway
- Tile Drainage Area
- Combined IPZ-1/IPZ-2s

Notes:

IPZ-1 delineations not affected by tile drainage areas.
Imagery courtesy of Niagara Region.
Hydrology and storm sewer network courtesy of Niagara Peninsula Conservation Authority.
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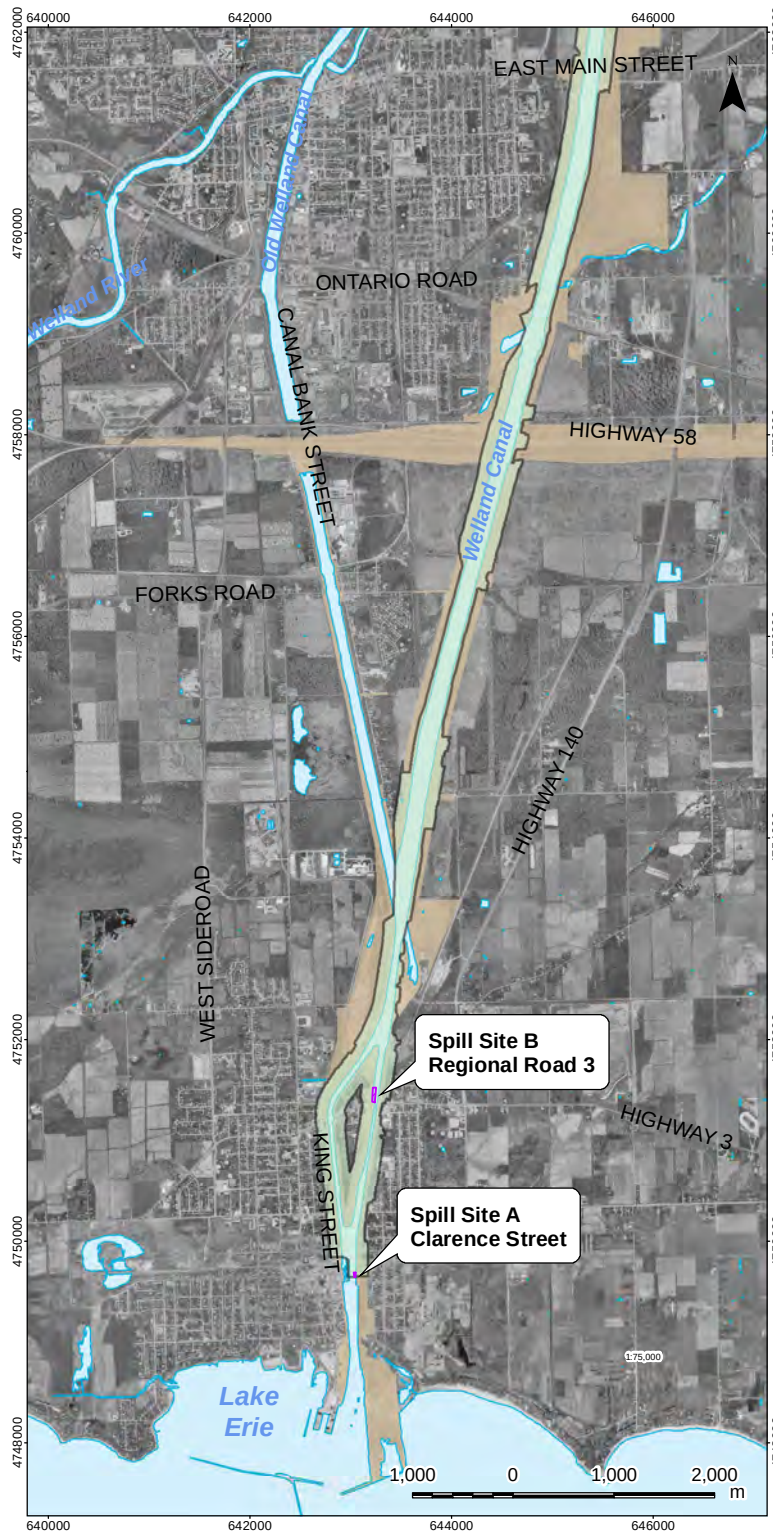
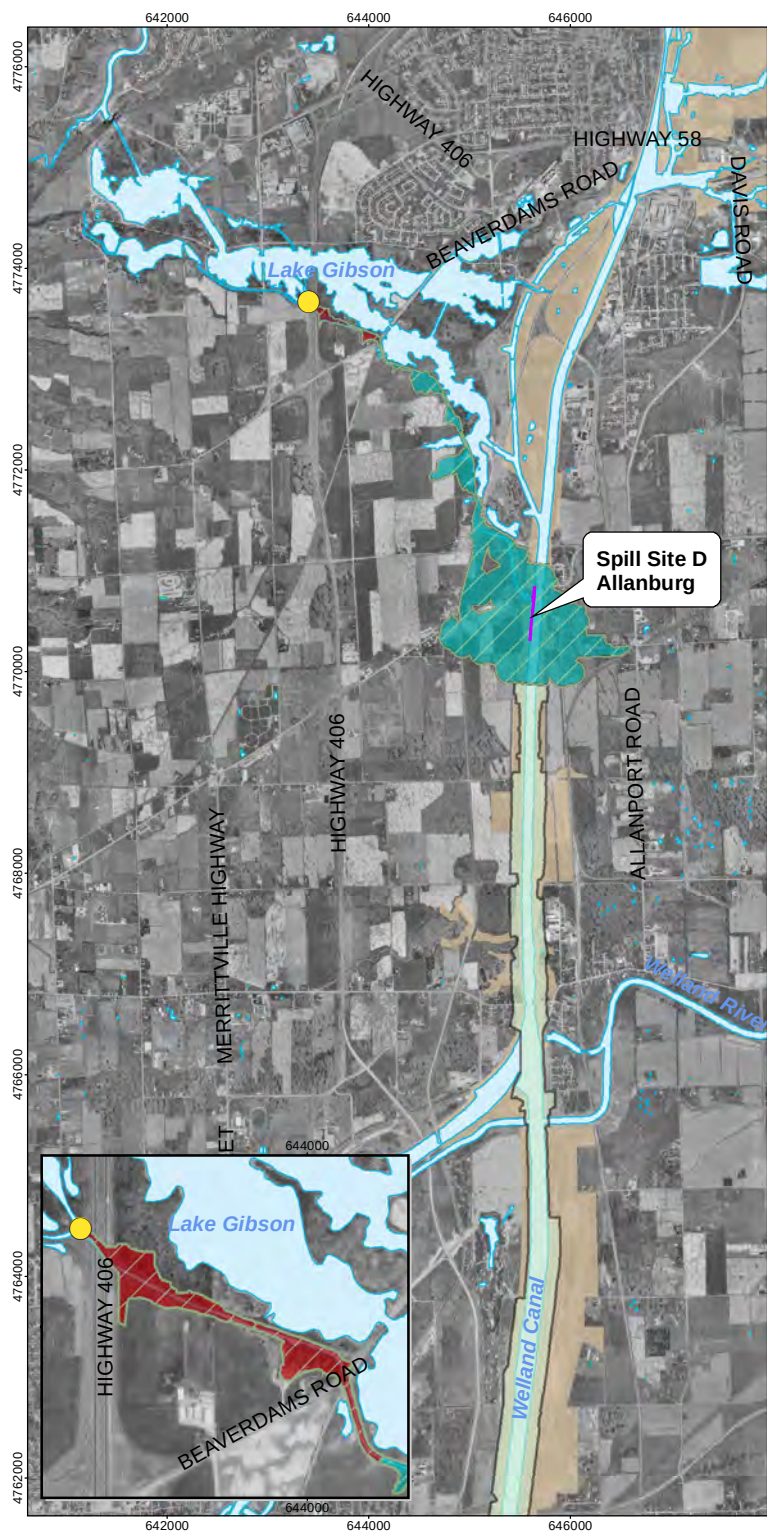
Project

**Niagara Peninsula
Source Protection Area
Assessment Report**

Figure No.	Revision No.	Date
7.7	7	June 2013

Title

**DeCew Falls WTP
IPZ Delineation
Source Data**



Legend

- Surface Water Intake
- IPZ-1
- IPZ-2
- IPZ-3
- ▨ Also Subject To IPZ-3
Significant Threat Policies
- Federal Lands
- ▨ Modeled Spill Location

Notes:

Coordinate System: NAD 1983 UTM
Zone 17N

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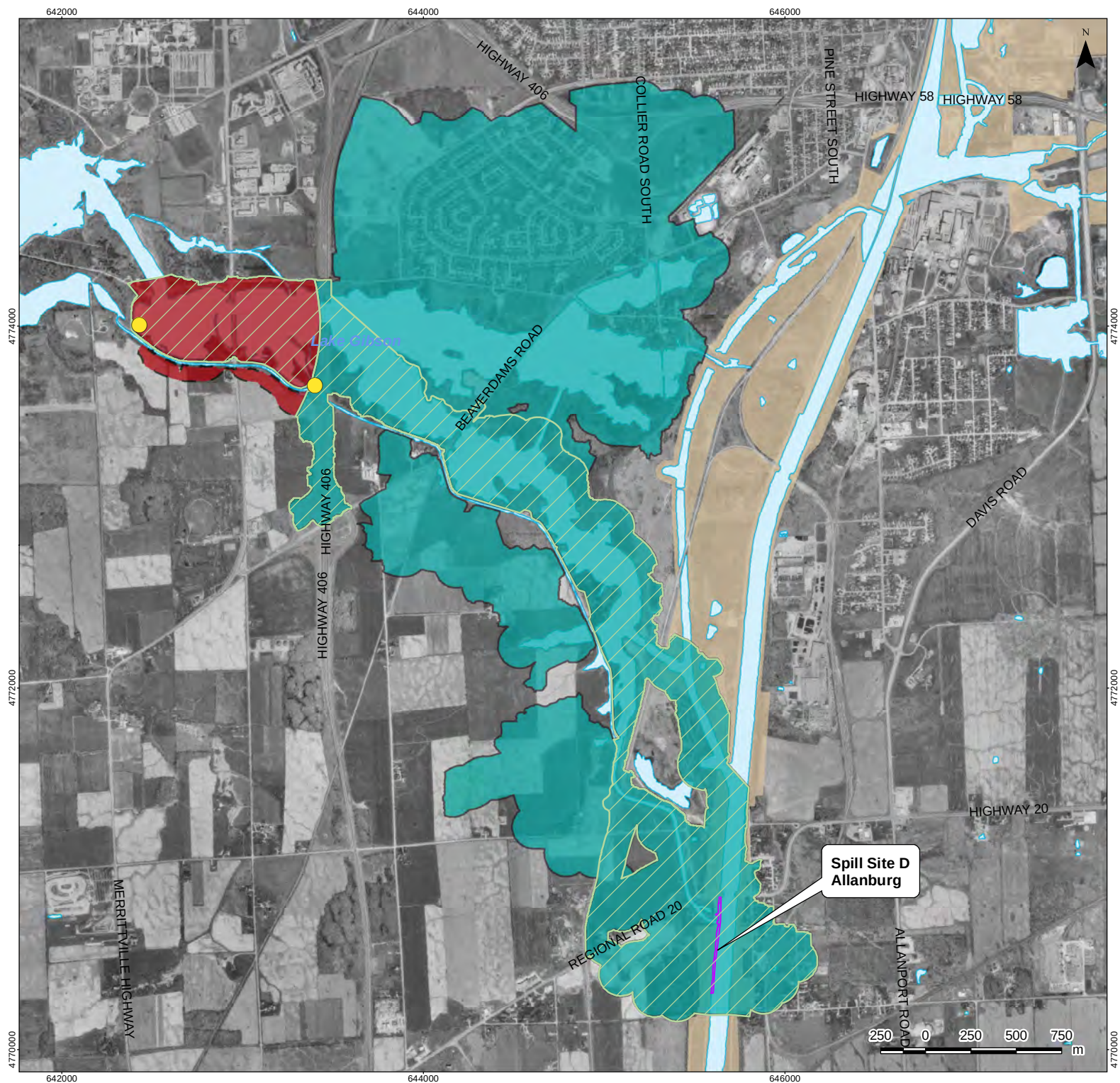
**Niagara Peninsula
Source Protection Area
Assessment Report**

Figure No. Revision No. Date

7.8 1 June 2013

Title

**Decew Falls WTP
IPZ-3 Delineation -
Hwy 406 Control Structure**



Legend

-  Surface Water Intake
-  IPZ-1
-  IPZ-2
-  Also Subject To IPZ-3 Significant Threat Policies
-  Federal Lands
-  Modeled Spill Locations

Notes:

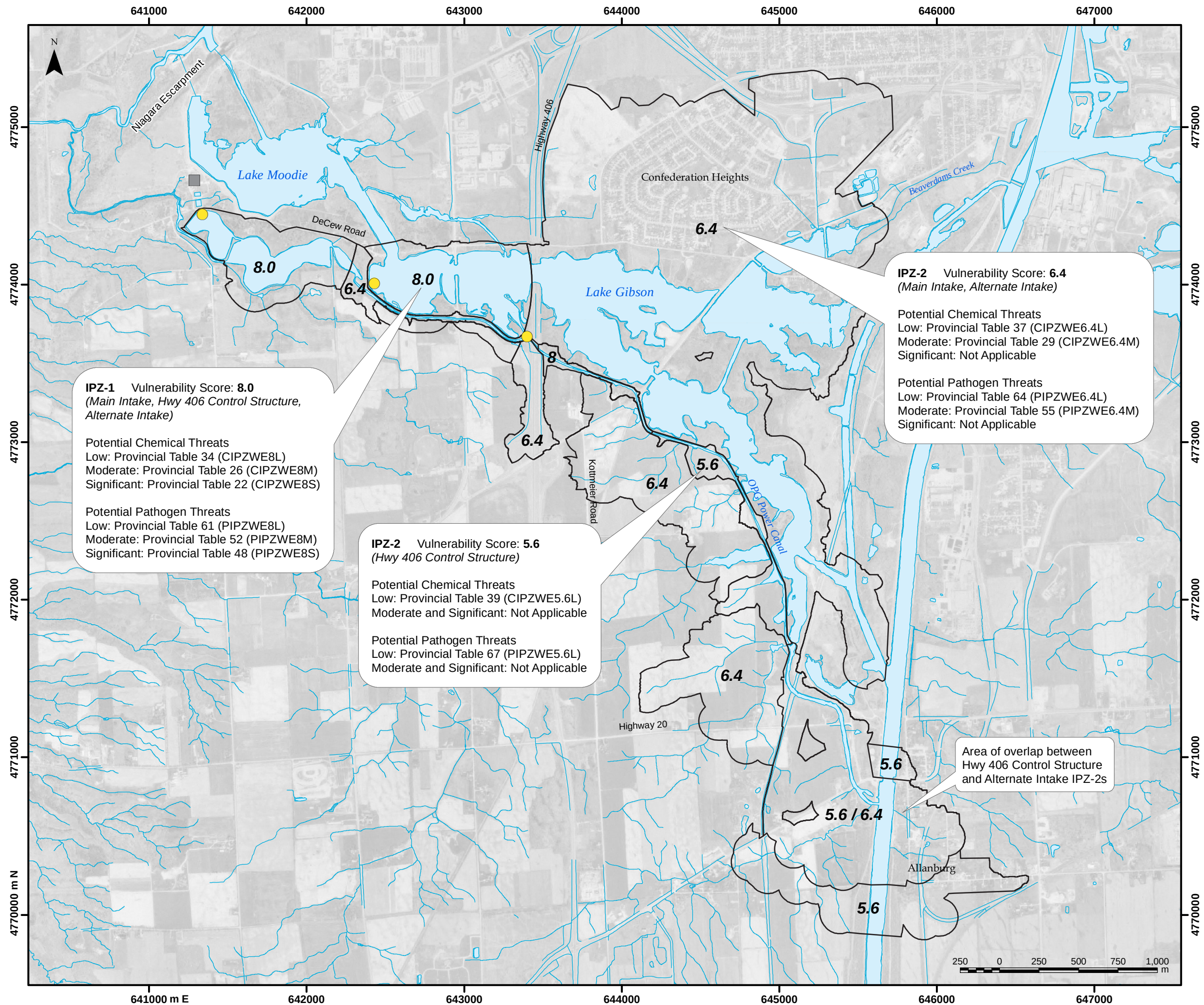
Coordinate System: NAD 1983 UTM
Zone 17N

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Project Niagara Peninsula Source Protection Area Assessment Report

Figure No. Revision No. Date
7.9 2 August 2013

Title
**Decew Falls WTP
Event-based Modelling Area -
Alternate Intake**



Legend

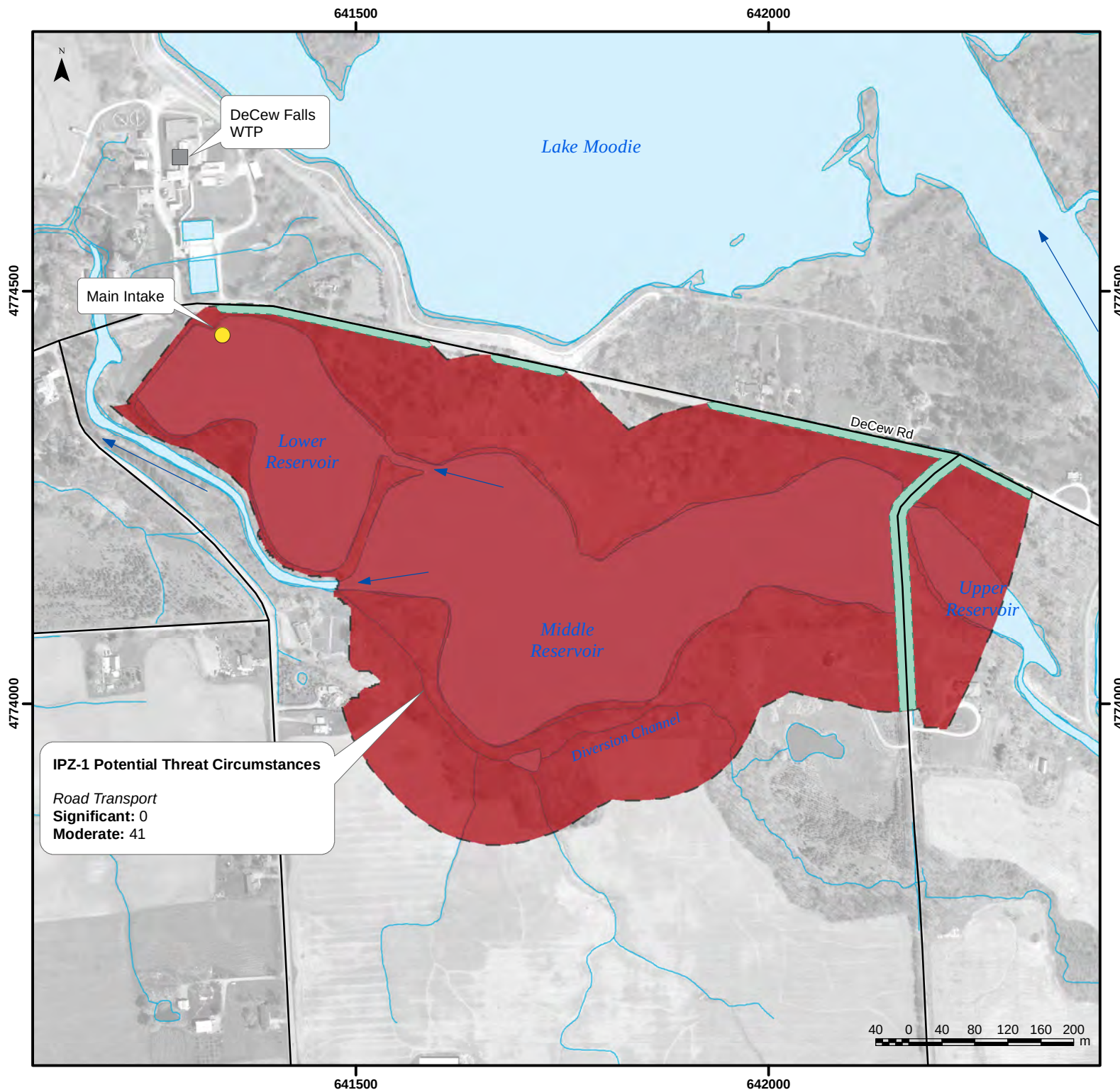
- Intake
- Municipal Water Treatment Plant
- Watercourse
- Intake Protection Zone

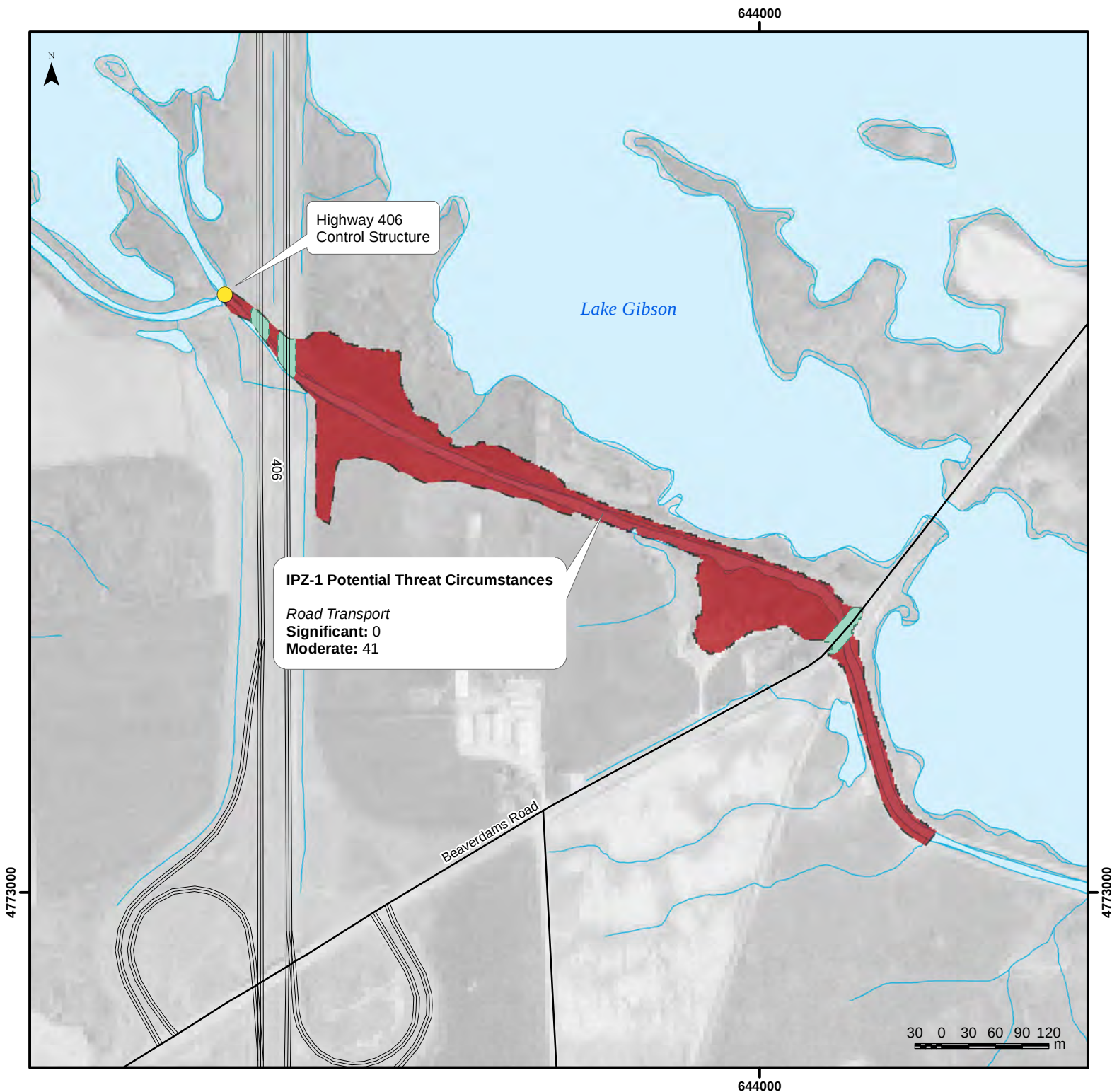
Notes
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**Niagara Peninsula
Source Protection Area
Assessment Report**

Figure No.	Revision No.	Date
7.10	6	June 2013

Title
**Threat Levels of
Potential Prescribed
Drinking Water Threats**





Legend

- Intake
- IPZ-1
- ~ Watercourse
- Road
- = Major Highway
- Roadway Corridor

Notes:

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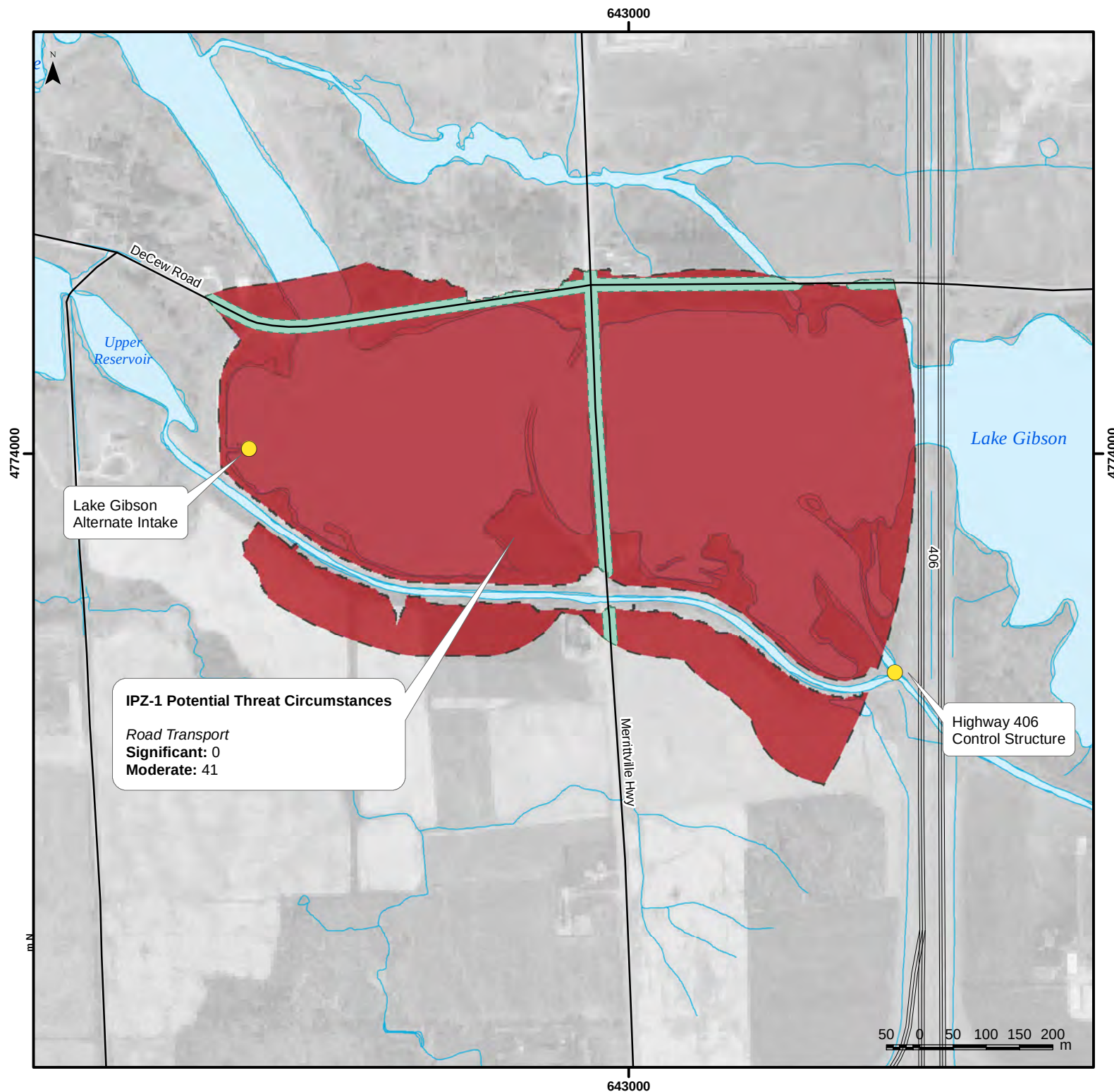
Project

**Niagara Peninsula
Source Protection Area
Assessment Report**

Figure No.	Revision No.	Date
7.12	0	October 9, 2013

Title

**DeCew WTP
Transportation
Threat Corridors
- Hwy 406 Control Structure**



Legend

- Intake
- Municipal WTP
- IPZ-1
- ~ Watercourse
- Road
- Major Highway
- Roadway Corridor

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Niagara Peninsula Source Protection Area Assessment Report

Figure No.	Revision No.	Date
7.13	0	October 9, 2013

Title

**DeCew Falls WTP
Transportation
Threat Corridors
- Alternate Intake**