

City of Waukesha Diversion Application - Overview of Great Lakes Compact, Application, and Environmental Impact Statement

These slides are adapted from a display at the July 26, 27, and 28, 2011 public hearings on the City of Waukesha diversion application.

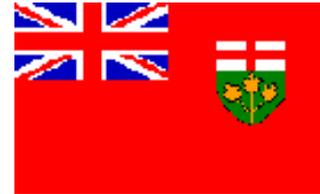
The Great Lakes Basin



Overview

- Agreement between the 8 Great Lake States with a companion agreement that includes Quebec and Ontario
- Effective December 2008
- The Compact includes:
 - In Basin water management
 - A prohibition on diversions with limited exceptions
 - Promoting water conservation and water use efficiency.

Great Lake States and Provinces



Wisconsin
Minnesota
Illinois
Indiana
Michigan

Ohio
Pennsylvania
New York
Ontario
Quebec



Diversions

- The Compact allows for limited exceptions to the ban on diversions for:
 - Straddling communities (such as New Berlin)
 - Communities in straddling counties (such as Waukesha)
- Communities that apply for a diversion must meet the criteria specified in the Compact related to:
 - the need for and purpose of the diversion,
 - water conservation,
 - wastewater return to the Great Lakes Basin,
 - the potential impact of the diversion on the Great Lakes Basin.

City of Waukesha

Diversion Application Overview

Volume:

Annual average: 10.9 MGD*

Peak day: 18.5 MGD*

Source: Lake Michigan via

Milwaukee,

Oak Creek, or

Racine water utility



Wastewater Return: Lake Michigan via:

Underwood Creek at Wauwatosa,

direct to Lake Michigan or

Root River

*MGD—Millions of gallons per day

Environmental Impact Statement Process

What is an EIS?

- Environmental impact analysis of proposal and alternatives to inform the public and the DNR decision.

What is included?

- Description of project & alternatives
- Potential effects on:
 - Surface water & groundwater resources, air quality
 - Ecosystem: Plants and animals, wetlands
 - Socioeconomic: Population, economy, land use, transportation
- Types of Effects (long vs. short term, cumulative, reversibility)

How does the public participate?

- The EIS process includes public comment periods on the scope, the draft EIS and the final EIS, including one or more public hearings.