Racine Diversion Application
Public Hearing
March 7, 2018
iMET Center, Sturtevant, WI

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Wisconsin DNR Water Use Section
What is the Great Lakes Compact?

• Agreement between Great Lake states and provinces to collectively manage water quantity in the Great Lakes
  – Implements parallel water management programs in Great Lakes states and provinces
  – Promotes water conservation and efficiency
  – Prohibits diversions, with some limited exceptions
  – Recognizes that the waters of the Great Lakes can serve multiple purposes.
What requirements must the Racine application meet?

<table>
<thead>
<tr>
<th>Wisconsin and Great Lakes Compact requirements specified for a diversion approval</th>
<th>Applies to Racine Application</th>
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</thead>
<tbody>
<tr>
<td>Application must be from a public water supply system</td>
<td>Yes</td>
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<td>Diversion for public water supply purposes</td>
<td>Yes</td>
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<td>All water returned less an allowance for consumptive use</td>
<td>Yes</td>
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<td>The water will be treated to meet applicable permit requirements and to prevent the introduction of invasive species to the Great Lakes basin</td>
<td>Yes</td>
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<td>Maximizes Great Lakes water returned to the Great Lakes basin and minimizes out of basin water returned</td>
<td>Yes</td>
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<td>Requires a water conservation plan</td>
<td>Yes</td>
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<tr>
<td>Requires a water supply service area plan</td>
<td>No**</td>
</tr>
<tr>
<td>Proposal meets Great Lakes Compact exception standard</td>
<td>No**</td>
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<tr>
<td>Regional review</td>
<td>No**</td>
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</tbody>
</table>
What is the review process?

- Submit Application (1/26/18)
- Public Notice Application (1/31/18)
- Public Hearing (3/7/18)
- Public Comment Period (3/21/18)
- DNR Review Application and Comments
- DNR Decision

Does the application meet the Great Lakes Compact diversion criteria?
Applicant – “A person may apply ...for approval of a new ...diversion...only if the person operates a public water supply system that receives or would receive water from the new...diversion.” (281.346 (4)(b)2.)
Racine Diversion – Water Balance

Proposed Diversion: 7.0 MGD

Proposed Consumptive Use: 2.7 MGD

Proposed Return: 4.3 MGD
What is the wastewater treatment process?

Industrial Water Use

On-site pretreatment of wastewater

Racine Wastewater Treatment Facility

Domestic wastewater from Mount Pleasant

Wastewater meeting pretreatment requirements

Permit required from City of Racine

Discharge to Lake Michigan must meet water quality standards

Photo Credit: https://cityofracine.org/WasteWater/
Public Comments

• Accepted through **March 21, 2018**
• Comments requested on:
  – Racine Diversion application compliance with Great Lakes Compact straddling community diversion criteria
• Comments may be submitted by:
  – Email
  – U.S. postal service
  – Orally at hearing
  – Written submitted at hearing
Questions?

Wisconsin DNR Water Use Section
https://dnr.wi.gov/topic/WaterUse/Racine/