The project is located on the western coast of Lake Michigan, in Kewaunee County, Wisconsin. Sediment or shoals quickly build up in the city’s harbor shortly after dredging. As a result, vessels using the city’s harbor have difficulties with navigation and the continuous dredging is expensive. The purpose of the project was to develop a coastal model to evaluate the hydrodynamics that may be responsible for the delivery of this sediment.

Congressional Interest
Gallagher (WI-8); Senator Johnson (WI), Senator Baldwin (WI)

Description
Water quality data was collected over the spring, summer, and fall of 2016. A model was completed in May 2017, and water quality data was used in conjunction with the model to identify potential solutions to sediment problems occurring in the harbor. This project was completed and the report was sent to the sponsor in late FY17

Funding

<table>
<thead>
<tr>
<th>Description</th>
<th>Total</th>
<th>Federal</th>
<th>Non-Federal</th>
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<tbody>
<tr>
<td>Current Working Estimate:</td>
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<td>Funds Allocated prior to FY17:</td>
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<td>E and W Funds Allocated prior to FY17:</td>
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<td>Funds required to complete (&gt;FY18):</td>
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</tbody>
</table>

Status
Water quality data was collected over the spring, summer, and fall of 2016. A model was completed in May 2017, and water quality data was used in conjunction with the model to identify potential solutions to sediment problems occurring in the harbor. This project was completed and the report was sent to the sponsor in late FY17.