



**US Army Corps
of Engineers**

Waukegan River, Illinois

Great Lakes Tributary Model Program (Section 516e, WRDA 96)

Project Location: This project is located in the Waukegan River watershed, which is located in the northeastern portion of Lake County, Illinois approximately 35 miles north of Chicago. The Waukegan River is a tributary to Lake Michigan. Sediments and non-point pollutants from this watershed discharge to the Waukegan Harbor Area of Concern.

Project Description: The Waukegan River watershed drains almost 12 square miles that include much of the City of Waukegan and portions of the Village of Beach Park, City of North Chicago and unincorporated Lake County. The watershed area was developed from the historical marshes, ravines, and forests that used to cover the region to the industrialized and urbanized city seen today. Urbanization and its increases in impervious areas have changed the natural flow regime; runoff drains quicker from the landscape making the watershed a flashy system that causes erosion and continues to deliver pollutants to the receiving waters.

Project Benefits: A multi-agency planning group recently completed a watershed management plan for the Waukegan River watershed as part of the process to restore and “de-list” Waukegan Harbor as an area of concern. The goals of the management plan are to identify best management practices (BMPs) throughout the watershed to mitigate natural resource degradation and flood damages as a means to prevent further degradation. Building upon recommendations of the watershed plan, this project will involve developing a suite of hydrologic, hydraulic, water quality and sediment transport models for use by state and local planning agencies to assess options for non-point source pollution prevention, dredging and disposal needs, Remedial Action Plans (RAPs), and Lakewide Management Plans (LaMPs).

Status: A detailed scoping report was approved in December 2008. Development of the SWMM and HEC-RAS models are nearly complete.

Schedule:

Milestone	Date
Complete scoping report	Dec 2008
Complete model development	Oct 2010
Training workshop	Dec 2010

Project Costs:

Estimated Project Costs	
Federal – E&W	\$200,000
Federal – GLRI	\$0
Total	\$200,000

Project Partners: Waukegan Harbor CAG, IEPA, IDNR, LCSMC, LCSWD and LCHD

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