



Kane-DuPage Soil & Water Conservation District

2315 Dean Street, Suite 100 St. Charles, Illinois 60175

Phone: (630) 584-7961x3 Fax: (630) 584-9534 www.kanedupageswcd.org

Contact: Kelsey Musich, Resource Conservationist Kelsey.Musich@il.nacdnet.net



Aerial photo of O'Hare Modernization Program taken November 2008. Construction overseen by KDSWCD is located in the bottom left of the photo.



McDowell Grove Dam Removal project in DuPage County was completed in 2008 in the West Branch of the DuPage River.

The Kane-DuPage Soil and Water Conservation District (SWCD) conducts a Soil Erosion and Sediment Control program (SESC) through an interagency agreement with the Chicago District of the US Army Corps of Engineers to monitor 404 Clean Water Act permits. The program, which includes construction plan reviews and monthly site inspections, aims to control erosion and prevent sedimentation from entering wetlands or waters of the U.S from active construction sites.

Through the SESC program, Kane-DuPage SWCD entered into an agreement with the City of Chicago to ensure that the O'Hare Modernization Program (OMP) utilizes proper best management practices to remain in compliance with their 404 Clean Water Act permit. Kane-DuPage SWCD performs weekly site inspections and provides inspection reports and photo documentation to the Army Corps regularly.

- ◆ KDSWCD has performed 215 site inspections since 2005
- ◆ 1179 KDSWCD staff hours spent
- ◆ 19 Sets of Construction Packages have been reviewed
- ◆ 1500 acres of the OMP lie within DuPage County

The purpose of the McDowell Grove Dam Modification project was to remove a portion of the dam in order to restore the ecological health the West Branch DuPage River to provide fish passage, reduce flooding, and for the overall health of the stream. The project is located in unincorporated DuPage County, near Naperville, IL.

Kane-DuPage SWCD provided suggestions prior to construction regarding sediment control practices and riverbed scour protection. Kane-DuPage SWCD and Natural Resource Conservation Service (NRCS) staff performed frequent inspections to help keep sediment from the construction site out of the river using best management practices.

- ◆ Roughly 4000 cubic yards of sediment was removed from behind the dam
- ◆ Sand, small stone, and woody debris were placed along the channel banks to enhance habitat
- ◆ Funding for the project was provided by:
 - ◆ DuPage Co Div of Stormwater
 - ◆ A federal grant sponsored by Sen. Dick Durbin and former Rep. Dennis Hastert
 - ◆ Grant was administered by the NRCS through the EQIP
 - ◆ A FY07 appropriations bill included \$1.8 million of funding for the McDowell Grove Dam Removal project

For more information on Kane-DuPage SWCD visit us on our website at www.kanedupageswcd.org