

Stream Dissolved Oxygen Improvement Feasibility Study for Salt Creek and East Branch of the DuPage River

November 2005

Who is conducting this study?

A local group of communities, publicly owned treatment works, and environmental organizations have come together to form the DuPage River/Salt Creek Work Group (DRSCW) to better determine the stressors to the aquatic systems through a long term water quality monitoring program and develop and implement viable implementation projects to accurately address the stressors.

The DRSCW, in conjunction with The Conservation Foundation, has contracted with HDR Engineering, Inc. to complete the Stream Dissolved Oxygen Improvement Feasibility Study for Salt Creek and East Branch of the DuPage River.

Why is this study important?

Between 1992 and 1998, Salt Creek and the East Branch of the DuPage River were listed on the Section 303(d) List of Impaired Waters by the State of Illinois. Since then, Total Maximum Daily Loadings (TMDLs) for each of these streams have been prepared by the State of Illinois and approved by USEPA. To date, only general alternatives have been considered. This project will result in specific projects to be implemented as required by the TMDL Program. Additional information on the TMDLs can be found at <http://www.epa.state.il.us/water/tmdl/stakeholder-workgroup.html>



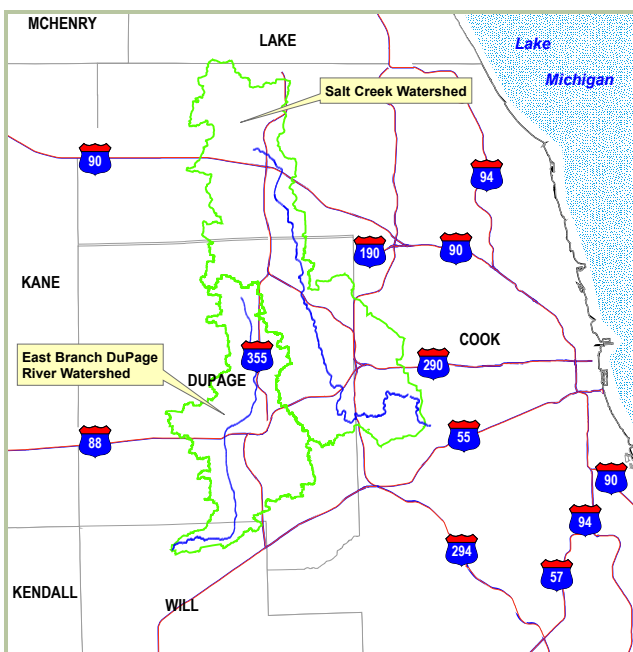
Salt Creek, Old Oak Brook Dam

General Project Description

The goal of this Stream Dissolved Oxygen Improvement Feasibility Study is to determine the feasibility and benefits of the removal or modification of dams, and of the construction and operation of in-stream aeration projects on Salt Creek and the East Branch of the DuPage River. This study will identify a specific project or projects that will help meet the TMDL goals for dissolved oxygen (DO) within the project area. DRSCW is most interested in projects that will address the biological impairment in a holistic manner considering all benefits to the ecosystem and surrounding community.

Feasibility Study Goals

- Identify appropriate projects for specific dam sites, considering dam removal, partial dam removal, or other modifications.
- Identify potential sites for stream aeration and select the best stream aeration technology that would consistently meet the dissolved oxygen standards.
- Develop the full scope of projects to be implemented, including regulatory issues, and project costs.
- Select projects with secondary benefits to stream habitat, the surrounding natural environment, and neighboring properties.
- Conduct an effective and interactive public involvement program for stakeholders.





Salt Creek near 31st St



Salt Creek north of I-88



Salt Creek south of Rt. 38

Project Website

<http://www.saltcreekeastbranch.com>

Public Workshop:

The first public workshop will be a scoping meeting where the objectives and goals of the project along with the project schedule will be presented. The public will be invited to identify their primary issues and concerns associated with this project. This meeting will be held as follows:

<u>Location</u>	<u>Date</u>
College of Dupage Open Campus Center Room 128 A-D 425 Fawell Blvd. Glen Ellyn, IL 60137	November, 17 2005 Time: 4:00 pm to 8:00 pm. Please plan to attend one of four 1-hour sessions, starting on the hour.

Two more public workshops will be conducted during this project to provide interaction between stakeholders and the project team.

For more information on the project or this meeting, please contact:



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Feasibility Study Approach

