



DuPage River Salt Creek Workgroup



NPDES and Chlorides – Local Regulations Update

Public Agency Deicing Workshop

October 12, 2011

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Regulatory Control

- ◆ **Federal Clean Water Act - USEPA**
 - ◆ Waters shall be “fishable” and “swimmable”
- ◆ **IEPA**
 - ◆ Administers programs and NPDES permits
 - ◆ Identifies impaired waters (303d list)
 - ◆ Develops TMDLs for impaired waters
- ◆ **Counties / Communities**
 - ◆ NPDES Phase II permit holders
 - ◆ Implementation guidance / ordinance
 - ◆ Best Management Practices - BMPs

NPDES General Permit ILR40

- ◆ Issued Feb 20, 2009, effective April 1, 2009
- ◆ Within six minimum control measures required:
 - ◆ Pollution prevention for municipal operations
 - Prevent and reduce the discharge of pollutants to the maximum extent practicable
 - Training
 - BMPs for deicing / snow removal
 - ◆ Ensure the reduction of all pollutants of concern to the maximum extent practicable
- ◆ Additional requirements for TMDL waters
 - ◆ Program assessment - check for waste load allocation
 - ◆ Monitoring requirement - annual

DuPage County Technical Guidance - Water Quality Best Management Practices

- ◆ **Section 2: GENERAL OVERVIEW OF BEST MANAGEMENT PRACTICES (BMPs)**
 - ◆ Includes “pollution prevention BMPs – often termed *good housekeeping activities*.”
 - ◆ E.g. “municipal street sweeping, commercial grease traps, roadway salt alternatives and spill prevention plans and/or structures.”

DuPage County Technical Guidance - Water Quality Best Management Practices

- ◆ *3.2.1 Avoidance and Minimization*
 - ◆ “This manual strongly recommends avoidance and minimization as a high priority BMP. With regard to treating stormwater runoff for pollutants, avoiding and minimizing activities that cause pollutants to become entrained in stormwater runoff is a cost effective, efficient step.”

DuPage County Technical Guidance - Water Quality Best Management Practices

- ◆ *4.1 BMP Selection Guide*
 - ◆ Mandatory BMPs
 - ◆ “Consider avoidance and minimization of activities that cause pollutants to become entrained in stormwater runoff”

Training Requirements

- ◆ Attendance at this workshop helps to meet NPDES permit training requirement
 - ◆ Receiving information on best management practices for reducing pollutant loads from deicing operations
- ◆ Mention this training workshop in NPDES annual reporting

