The New MS4 Permit: What You Need to Know

Annual Meeting of the City Engineer Association of Minnesota
January 30, 2014

Bryan Gruidl
City of Bloomington
The New MS4 Permit

Public Works: Administration, Engineering, Maintenance, and Utilities
Putting the Pieces together; One City’s Perspective

- Regulatory Mechanisms
  - ERP’s
  - Mapping
  - Public Education
- Post Construction
  - Construction Runoff
  - IDDE
  - Public Participation
- Pollution Prevention
  - Improved runoff water quality & Compliance

Public Works: Administration, Engineering, Maintenance, and Utilities
MCM 1 & 2;

PUBLIC EDUCATION AND PARTICIPATION

- **MCM 1 - Education**
  - Focus on Illicit Discharge Recognition
  - Include high-priority topics

- **MCM 2 - Participation**
  - Solicit public input on the SWPPP
  - Process for receiving and documenting citizen input
MC M 3; Illicit Discharge

- Regulatory Mechanism and Enforcement Response Procedures
  - Collaborative effort with Environmental Health and Maintenance Divisions
- Education materials and employee training
- MCM 3 Training opportunities available
MC M 4;

CONSTRUCTION SITE RUNOFF CONTROL

- Regulatory Mechanism
  - Require NPDES permit as part of plan review

- Checklist for site inspections
  - iPad inspection form

- ERP’s
  - Written warnings, hold inspections, certificate of occupancy, stop work
Regulatory Mechanism(s)
- Complex – ordinances, policies, standards, etc

ERP

Site Plan review

Stormwater management
- New development – no net increase
- Redevelopment – net reduction

Limitations and exceptions

Mitigation provisions

Long term maintenance
MC M 6; POLLUTION PREVENTION FOR MUNICIPAL OPERATIONS

- Facilities inventoried
- Pond assessment
  - TSS and TP Treatment effectiveness
- Inspection procedures
  - Structural BMPs, ponds & outfalls, stockpile, storage, and material handling areas
- Training Program
TAKE HOME POINTS

- Start early; especially if considering comp plan updates or initiating new ordinances
- Work collaboratively with your peers and within your organization
- Maintain a buffer between your SWPPP and the MS4 permit
- Pond Inventory, TMDL response, phosphorus treatment systems
The New MS4 Permit: What You Need to Know

Annual Meeting of the
City Engineer Association of Minnesota
January 30, 2014

Bryan Gruidl
City of Bloomington
952.563.4557
bgruidl@BloomingtonMN.gov