

City of Fairmont Storm Water Pollution Prevention Plan – SWPPP

Annual Public Meeting
August 8, 2011



2011 Annual Public Meeting

- City of Fairmont is MS4 Community – Municipal Separate Storm Sewer System
- Designated by MPCA under federal Clean Water Act
- City Obtained Coverage for National Pollution Discharge Elimination System Permit (NPDES)
 - Applied February 15, 2007
 - Issued by MPCA November 15, 2007

2011 Annual Public Meeting

- Term of Permit is 5 Years; a new permit will be issued in 2012. The draft of the new permit is out for public comment right now.
- Annual Public Meeting is Required
- SWPPP is Primary Component of Permit
 - Storm Water Pollution Prevention Plan
- BMP's are Specific SWPPP Action Items
 - Best Management Practices
- Arrangement in 6 Minimum Control Measures
 - MCM's

MCM 1 – Public Education & Outreach on SW Impacts

- Web site
- Mailings
- Rain garden workshop
- Encourage Public Participation in Storm Water Stewardship
- Work with Martin County Soil & Water Conservation District on outreach

MCM 2 – Public Participation & Involvement

- Annual hearings
- Encourage public participation in Storm Water Management Process
- Comprehensive Plan
- Speak to local groups

MCM 3 – Illicit Discharge Elimination

- Identify improper discharges to storm sewer system and outlets
- Inventory all discharge points (complete)
- Invest in City Storm Sewer Mapping and Storm Water Database Development (GIS) (in progress)
- Upgrade City Ordinances to address illicit discharge elimination and MPCA minimum standards (in progress)
- Training-public & staff (on going with MCSWD)

MCM 4 – Construction Site Storm Water Runoff Control

- Conform City programs and ordinance to MPCA state requirements (complete)
- Upgrade grading and site development plan review & site inspection processes (in progress)
- City becomes primary entity to enforce current State NPDES permit processes (developing a plan)

MCM 5- Post-Construction Storm Water Management

- Update City master plans for long range storm water management needs
- Update zoning and subdivision ordinances to improve permanent storm water management controls & coordinate with master plans (part of Comprehensive Plan)
- Assure proper operation of private storm water controls

MCM 6 – Good Housekeeping for Municipal Operations

- Control pollution from city operations & properties including streets and parks
- Street and parking lot sweeping
- Snow stockpile controls
- Develop new control structures at outlets during construction projects, ex: Lake Avenue Bridge/bike trail new structure; Albion Avenue by Sirloin House
- Maintain water supply source protections

Additional TMDL Impacts on City of Fairmont

- Total Maximum Daily Limits (TMDL) set by MPCA for various pollutants by watersheds
- Apply to storm water discharges from MS4
- Fairmont subject to TMDL for phosphorus for Upper Minnesota River
- City must reduce phosphorus in storm water by 30% (year 2000 baseline)

Additional TMDL Impacts on City of Fairmont

- Other TMDL's will affect City as enacted
 - Minnesota River Watershed Fecal TMDL
 - Mississippi River/Lake Pepin phosphorus limits
 - In development

Permit & SWPPP - Obligations

- BMP's are phased from 2007 to 2011
- Annual meeting seeks public comment
 - Purpose of tonight's meeting
- Annual conformance reports on measurable goals are required each June

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Storm Water Pollution Prevention Plan SWPPP

QUESTIONS???
Public Comments

