



Stormwater Pollution Prevention Program (SWPPP) for 2010

Annual Public Meeting

Presented By: Adam Kordiak, Water Quality Specialist

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Stormwater Defined

- Stormwater runoff occurs when precipitation from rain or snowmelt flows over the ground. Impervious surfaces like driveways, sidewalks, parking lots and streets prevent stormwater from naturally soaking into the ground. This increases the volume of water discharged which can cause flooding as well as increasing pollutants in our surface waters.

City of Faribault Stormwater Program Annual Meeting

- General Municipal Separate Storm Sewer System (MS4) Information
 - State administered permit from the EPA to discharge clean stormwater to surface waters.
 - Part of the National Pollutant Discharge Elimination System (NPDES) stormwater program which has 3 parts.
 - Industrial NPDES Permit
 - Construction NPDES Permit
 - MS4 NPDES Permit
 - 5-year Stormwater Pollution Prevention Program (SWPPP) was accepted by the MPCA in February 2008.

City of Faribault's SWPPP

- Six Minimum Control Measures
 - Public Education and Outreach – Distribute educational materials and outreach to City residents about all six Minimum Control Measures.
 - Public Participation/Involvement – Provide opportunities to City residents and volunteer groups to participate in program development and implementation.
 - Illicit Discharge Detection and Elimination – Program development to detect and eliminate illicit discharges, illegal storm sewer connections and illegal dumping.
 - Construction Site Runoff Control – Program development to address erosion and sediment control from construction activities.
 - Post Construction Runoff Control – Program development to address discharges from existing developments to ensure clean water discharge.
 - Pollution Prevention/Good Housekeeping – Program development to reduce pollutant runoff from City operations.

SWPPP Major Implementation Items Completed – 2010

- Public Education and Outreach & Public Participation/Involvement

- Educational brochure distribution for all six minimum control measures.
- Links and information updated on the City of Faribault website.
- Stormwater Survey distributed randomly to 100 commercial/industrial businesses and 250 residents. The survey results summary is posted on the City website.
 - 31% returned from commercial/industrial facilities
 - 22% returned from residential properties
 - 43 surveys were returned that were unspecified
- Complaints about runoff problems, illegal dumping or construction site sedimentation control. Goes to Work Order system which is open until job/complaint is corrected.
- Storm Drain Stenciling program suspended due to lack of volunteer groups. The program will be resumed in 2011 with the Boy Scouts as the volunteer group.
- Established educational partnership with the Cannon River Watershed Partnership (CRWP)
- Annual public meeting for adequacy of City's SWPPP.

SWPPP Major Implementation Items – 2010

- Illicit Discharge Detection and Elimination

- Storm sewer mapping updates completed.
- City compost site. Open 620 hours in 2008 for resident drop off of grass clippings, brush and other yard debris.
- Enforcement process finalized to control illegal dumping of yard debris, trash and other pollutants for 2011 implementation.
- Inspected 48 stormwater outfalls and investigated possible illegal discharges. Illegal/illicit discharge from known former leaking tank site forwarded to MPCA.

SWPPP Major Implementation Items – 2010

- Construction Site Erosion and Sediment Runoff Control

- Six City Grading Permits issued for private development.
- Twelve enforcement actions taken consisting of verbal and written notices of noncompliance and timeframes of corrective actions needed to become compliant.
- Contractor/builder/developer informational packets distributed and posted on City website. Includes MPCA factsheets, BMP installation guidelines, setback requirements, etc.
- Amendments to standard operations regarding new requirements as stated in the new NPDES Permit for Construction.

SWPPP Major Implementation Items – 2010

- Post Construction Runoff Control & Good Housekeeping/Pollution Prevention

- Addition of two water quality manholes in conjunction with the Western Ave NW street and utility reconstruct.
- 29 ponds and infiltration basins inspected and 28 pond maintenance work orders completed.
- 36 catch basins/manholes repaired or replaced and 5 storm sewer systems jetted and cleaned.
- Annual street sweeping in spring and fall. Downtown area swept every other week. 2010 street sweepings resulted in 3008 man hours for spring, summer and fall cleanup with a total of 5164 miles swept.

2011 Major SWPPP Implementation Items

- New MS4 Permit will be issued this year or early 2012. Expected new requirements consist of:
 - Development of Standard Operating Procedures
 - Revisions to stormwater pollution prevention ordinances/code
 - Enforcement Response Procedures
 - Stormwater Pond Inventory
 - Post Construction stormwater management standards
- Inspections of construction and development within the City to ensure compliance with our ordinances and grading permit requirements.
- Items for future Capital Improvement Projects for storm sewer system retrofit locations.
- Implement Storm Drain Stenciling program.
- Continue inspections of City stormwater infrastructure and City Facility runoff control.

Updates to City's SWPPP

- The City's Stormwater Pollution Prevention Program is meant to be a changeable document. Updates to the Program may be done at each Annual Report due by June 30th each year of the permit.
- The City has 18 months to review and update the SWPPP as new impaired waters are found. Changes and updates are to be completed as necessary to comply with the impaired waters Total Maximum Daily Load (TMDL) implementation plan.
- The Cannon and Straight Rivers were recently impaired for turbidity which is a term for suspended sediments in the water column. However there is no implementation plan for either river. It is still our responsibility to reduce any impact as much as we can.

Closing Statement

- All residents in Minnesota are stakeholders towards better water quality. Working together, we can change the way the world perceives and treats stormwater runoff.
- Stormwater pollution prevention begins with you!
- Report all suspicious dumping, discolored discharge or other water quality concerns to the City of Faribault through the website or call 507-333-0361.
- All MS4 Cities are a link in the chain for better water quality. Please, do not let us be the weak link.

Questions?