



Empire Township

2020 ANNUAL MS4 STORMWATER PRESENTATION



Real People. Real Solutions.

Purpose of the Presentation

- Raise awareness of the importance of good stormwater management





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- To give an update on the status of compliance with the MS4 Permit conditions and Township's SWPPP implementation
 - What has the Township done in 2019?
 - What is the Township currently doing in 2020?
 - What does the Township plan to do in the future?
- Requirement of MPCA for General Permit
 - Allow public comment



What is an MS4?

- A Municipal Separate Storm Sewer System (MS4) is a conveyance or system of conveyances designed and used for collecting stormwater, which includes roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, and storm drains that is owned or operated by a government unit having jurisdiction under section 208 of the Clean Water Act that discharges to waters of the United States.

Background

- The MPCA designated, under Minn. R. Chapter 7090 that all Cities outside of urbanized areas with a population greater than 10,000 must obtain an NPDES storm water permit
- Empire Township met the requirements of a Mandatory MS4 as a community in an 'urbanized area'
- Empire Township's SWPPP was public noticed November 20, 2006
- The Township received SWPPP approval and permit coverage from the MPCA on January 24, 2007
- MPCA issued a 2nd generation permit effective August 1, 2013 to July 31, 2018
- Empire Township's new SWPPP was public noticed February 4, 2014
- On March 17, 2014 the Township was issued permit coverage
- The Township operates under the conditions of the new MPCA General Stormwater Permit
- Currently implementing the BMPs outlined in the SWPPP



What is a SWPPP?

- Stormwater Pollution Prevention Program
- Contains a list of 38 best management practices (BMP's) to be implemented
- Targeted to address six minimum control measures (MCM's)
- Includes measurable goals
- Timelines established
- Educational goal for each MCM



SWPPP General Implementation Timeline

- **June 1, 2006** – General MS4 permit issued
- **2006** - SWPPP application submitted
- **2007** –Obtained permit coverage from the MPCA
- **2010** – Implement Ordinances and Enforcement (Water Resource Ordinance adopted November 2010)
- **2012** – Ongoing SWPPP Implementation
- **May 31, 2011** – MS4 permit expired, existing permit was effective until new permit was adopted
- **August 1, 2013** –New MS4 General Permit went into effect
- **Spring 2014** – Empire Township is issued permit coverage

What is a BMP?



Best Management Practice

- Practice intended to control pollution
- Structural example- sediment pond, grass filter strip, sump catch basins
- Non structural examples – education to reduce pollution, street sweeping, ordinances to protect water quality



Six Minimum Control Measures (MCM's)

- Public Education and Outreach
- Public Participation
- Illicit Discharge Detection and Elimination
- Construction Site Stormwater Runoff Control
- Post Construction Stormwater Management
- Pollution Prevention/Good Housekeeping for Municipal Operations

What has the Township done this past year?



- Published education articles
- Ongoing street sweeping
- Held the annual SWPPP meeting
- Ensured stormwater BMPs were implemented during Township and private development projects
- Mapping updates
- Placed waste bags in parks and on trails
- Inspected all of the ponds
- Reviewed development site plans



What is the Township currently doing in 2020?

- Working on the current SWPPP requirements
 - i. Placing articles in the Township newsletter
 - ii. Working to prohibit “non-stormwater discharges to the system
 - iii. Annual structural pollution control device inspections
 - iv. Review street sweeping program
 - v. Staying up-to-date on the draft MS4 permit to be reissued



What does the Township plan to do in the future?

- Continue to implement the MS4 permit and SWPPP activities
- Continue to educate Township staff, developers, contractors, homeowners and general public on the importance of storm water quality
- Provide quarterly articles in the Township newsletter
- Stay up-to-date on reissuance of the MS4 permit, which is expected to be reissued sometime in 2020



Annual Report

- Submit annual report to MPCA by June 30, 2020
- Include comments received from public
- Notify MPCA of any changes to SWPPP
- Document number of people that view the annual SWPPP Presentation

Questions or Comments?

Call: 651-463-4494

or

Email: info@township.empire.mn

