

City of Elko New Market

2020 ANNUAL MS4 STORMWATER PRESENTATION

Purpose of this Presentation:

- Raise awareness of the importance of good stormwater management



Purpose of the Presentation

- To give an update on the status of compliance with the MS4 Permit conditions and City's SWPPP implementation
 - What has the City done in 2019?
 - What is the City currently doing in 2020?
 - What does the City 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 in urbanized areas must obtain an NPDES storm water permit
- Elko New Market met the requirements of a Mandatory MS4 as a community in an ‘urbanized area’
- The City received SWPPP approval and permit coverage from the MPCA in 2006
- The City operates under the conditions of the MPCA General Stormwater Permit
- Currently implementing the BMPs outlined in the SWPPP

What is a SWPPP?

- Storm Water Pollution Prevention Program
- Contains a list of 35 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 and SWPPP implementation began
- 2008 – SWPPP was revised
- May 31, 2011 – MS4 permit expired, next permit starts
- August 1, 2013 – New MS4 General Permit went into effect
- February 20, 2014 – Elko New Market was issued permit coverage until July 31, 2018 or until a new permit is available for applications (the MPCA is still working on completing the new permit)

What is a BMP?



Best Management Practice

- Practice intended to control pollution
- Structural examples – 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 was done in 2019?



- Published education articles
- Ongoing street sweeping
- Held annual SWPPP meeting
- Inspected the City's structural pollution control devices
- Continued analyzing ponds for TSS and TP treatment effectiveness

What is the City currently doing in 2019?

- Continue Working on the new SWPPP requirements
 - Analyzing City ponds for TSS and TP treatment effectiveness
- Placing articles in the Elko New Market Newsletter
- Working to prohibit “non-stormwater” discharges to the system
- Implementing the 2013 MS4 General Permit requirements issued
- Staying up-to-date on the draft MS4 permit to be reissued

What does the City plan to do in the future?

- Continue to implement the MS4 permit and SWPPP activities
- Inspect all structural pollution control devices
- Inspect all outfalls
- Continue to educate city staff, developers, contractors, homeowners and general public on the importance of storm water quality
- Continue to provide articles for the Elko New Market newsletter
- **Prepare for the new MS4 permit that is planned to be ready for applications 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 viewed the annual SWPPP Presentation

Questions or Comments?

Call City Hall: (952) 461-2777

or

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