



**Work Session Meeting Agenda
2 Park Drive South, Great Falls, MT
Gibson Room, Civic Center
August 06, 2019
5:30 PM**

CALL TO ORDER

PUBLIC COMMENT

(Public comment on any matter and that is within the jurisdiction of the City Commission. Please keep your remarks to a maximum of five (5) minutes. Speak into the microphone, and state your name and address for the record.)

WORK SESSION ITEMS

1. Children's Museum Building Update - Sherrie Neff.
2. MS4 Program Update - Paul Skubinna.

DISCUSSION POTENTIAL UPCOMING WORK SESSION TOPICS

ADJOURNMENT

City Commission Work Sessions are televised on cable channel 190. If a recording is made, the work session video will be posted on the City's website at <https://greatfallsmt.net/meetings>. Work Session meetings are re-aired on cable channel 190 the following Thursday morning at 10 a.m. and the following Tuesday evening at 5:30 p.m.

UPCOMING MEETING SCHEDULE

Work Session -- Tuesday August 20, 2019 5:30 p.m.

Commission Meeting -- Tuesday August 20, 2019 7:00 p.m.

CITY OF GREAT FALLS MS-4 PROGRAM UPDATE

Commission Work Session August 6, 2019

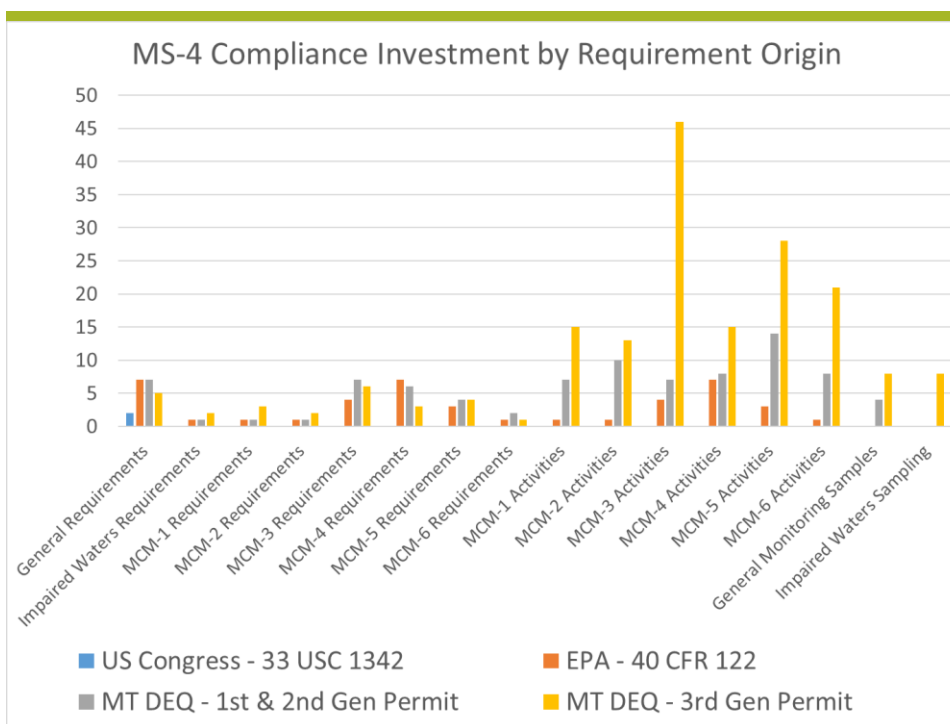


Background & History of MS₄

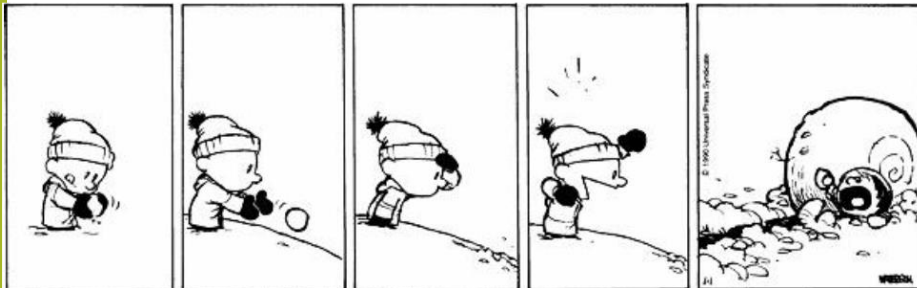
- Federal Water Pollution Control Act (1948)
- Clean Water Act(s) (1972 and 1977)
- Water Quality Act, Section 402(p)(3)(B) (aka Clean Water Act 33 USC 1342; 1987)
- Great Falls Codified related storm drain requirements (Title 13; 1989)
- EPA promulgates Phase I Regulation (1990)
 - ✓ Effects large and medium with pop. >100,000
- City of Great Falls Codified its MS-4 program (1993)
 - ✓ Title 13 Chapter 24,
 - ✓ 1989 Storm Drain Master Plan, and
 - ✓ 1990 Storm Drain Design Manual
- EPA promulgates “Phase II” Regulation (1999)
 - ✓ Effects small with pop. < 100,000 as designated by DEQ

Background & History of MS₄

- DEQ promulgates rules designating seven large cities and others with pop >10,000 as regulated small MS₄s (2003)
- Montana DEQ issues first 5-year MS-4 MPDES discharge permit (2004, Great Falls is Authorization #MTR000004)
- City of Great Falls updated MS-4 program to meet DEQ permit (2007)
 - ✓ Title 17, Chapter 16 Articles 21 & 22, and Chapters 48 and 52.
- Montana DEQ issues 3rd generation 5-year MS-4 MPDES discharge permit (2017)



In other words....



MCM-1 : Public Education & Outreach

Purpose of MCM-1:

- Provide education & outreach about storm water pollutants, the impacts the pollutants can have in the community and natural resources, and how to reduce/prevent them.



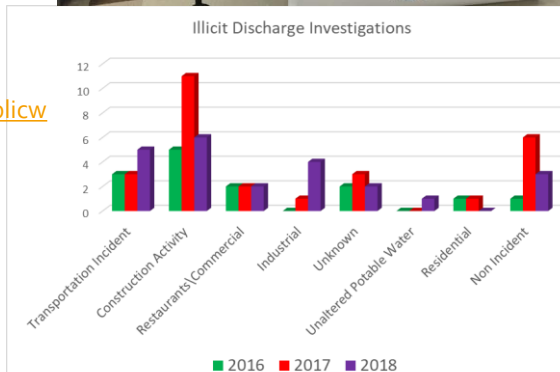
MCM - 1 Requirements and Highlights

Requirements

- Identify target audiences in the MS4
- Use web page to educate
- Develop and distribute targeted outreach materials

Activities

- Web page updates
<https://greatfallsmt.net/publicworks/environmental>
- GFPS STEAM and Regional Science Fair
- Town Hall Meeting
- Training for Industries



MCM-2: Public Involvement & Participation

Purpose of MCM-2:

- Provide the public with opportunities to play an active role in both the development and implementation of the storm water program.



MCM - 2 Requirements and Highlights

Requirements

- Identify ways to involve target audiences in development and implementation of the SWMP
- Use web page to involve

Activities

- Storm Drain Design Manual Stakeholder group
- Townhall meeting
- Contractor and developer 1 on 1
- Formal public notice inviting public comment.



MS4 Wet Weather Sampling and Analysis Plan

City of Great Falls, Montana
Storm Water Management Plan
October 2018



MCM-3: Illicit Discharge Detection & Elimination

Purpose of MCM-3:

- Detect & eliminate non-storm water discharges from entering the MS4's storm drain system and receiving waters.



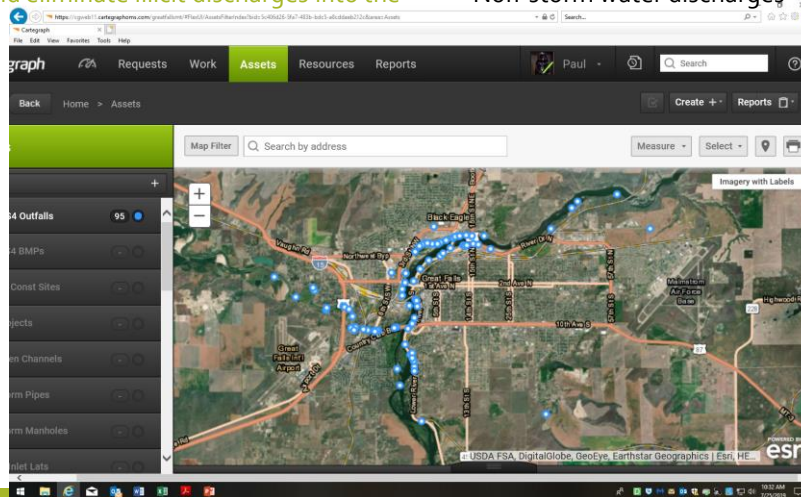
MCM - 3 Requirements and Highlights

Requirements

- Develop, implement and enforce a program to detect and eliminate illicit discharges into the MS4.

Activities

- Integrate investigations and reporting with technology
- Internal training
- Dry weather Screening
- System Mapping
- Non-storm water discharges



MCM-4: Construction Storm Water Management

Purpose of MCM-4:

- Control discharges of a potentially wide variety of pollutants from construction sites.



MCM-4 Requirements and Highlights

Requirements:

- Develop, implement and enforce a program to reduce pollutants in storm water runoff from construction activities disturbing greater than one acre.
- "Maximum Extent Practicable" and "Common Plan of Development".

Activities:

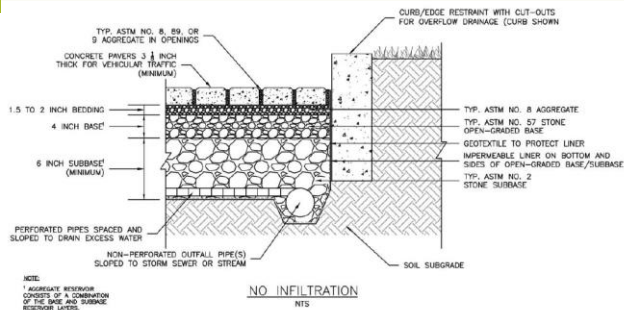
- Implement City Code
- Provide Technical Assistance
- Prioritize sites and conduct inspections
- Integrate program requirements with development review process
- Integrate program management with technology
- Residential Erosion Control Permits



MCM-5 : Post-Construction Storm Water Management

Purpose of MCM-5:

- Control discharges of pollutants from developed areas.



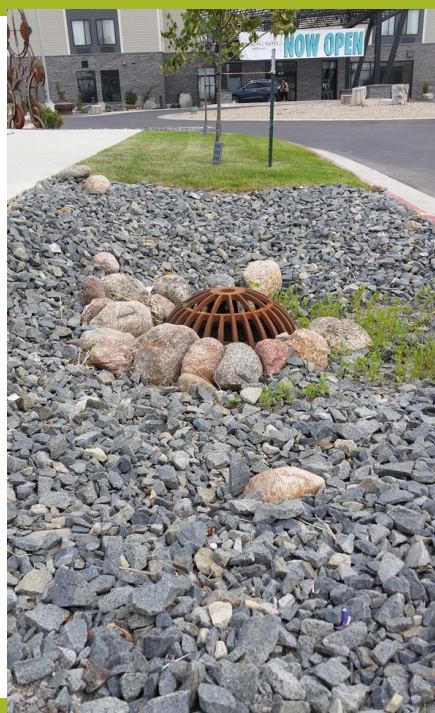
MCM-5 Requirements and Highlights

Requirements:

- Develop, implement and enforce a program to address storm water runoff from new development and redevelopment projects that add or modify greater than 15,000 sf.
- Retain or treat and release the first 0.5 inch of precipitation

Activities:

- Implement City Code
- Statewide BMP Manual, 2017
- Provide Technical Assistance
- Maintenance Agreements
- Integrate program requirements with development review process
- Integrate program management with technology
- Internal and external training



MCM-6: Pollution Prevention/Good Housekeeping

Purpose of MCM-6:

- Ensure that existing City operations are performed in ways that minimize contamination of storm water discharges.



MCM-6 Requirements and Highlights

Requirements:

- Develop and implement an operation and maintenance program which includes a training component, and has the ultimate goal of preventing or reducing pollutant runoff from permittee operations.

Activities:

- Training, training anda little more training.
- Develop & implement SOPs to minimize pollutant discharges.
- Ensure proper material storage and waste disposal.
- Street sweeping programs.



December 2018 DEQ Program Audit

- Three inspectors for two days focused on 3 of 6 MCMs
- Pre, during and post documents requests about 1,400 dox produced
- Records review and field inspection
- 31 Page Inspection summary from DEQ
- DEQ acknowledged 10 areas of commendable effort
- 18 opportunities for suggested improvement
- 7 inadequacy findings contributing to one violation
- The City responded on May 17 and June 28 and received "No Further Information" letter on July 19

How you can help

- We are currently seeking events, organizations and partners to collaborate with to provide education and outreach and help steer the City's program.
- Promote public events (i.e. MApril cleanup)
- Code revisions for Administrative vs. Criminal Enforcement
- Updated Storm Drain Design Manual
- Support City sponsored training for stakeholders
- Notify us if you see something besides storm water in the system. 727-8390
- Support staff doing a necessary but difficult and unpopular job.



Questions, Comments & Suggestions?

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