



Storm Water
Management Plan
Update 2022

What is an MCM?

- MCMs, or Minimum Control Measures, are goals required of the City of Moberly by the DNR
- We must meet each MCM in order to renew our permit and stay in compliance with the DNR
- Failure to meet each MCM can result in enforcement measures from the state, such as fines or non-renewal of permits

6 Minimum Control Measures

1. Public Education about Stormwater Issues
2. Public Involvement in the Permit Renewal Process
3. Illicit Discharge Detection and Elimination
4. Construction Stormwater Runoff Control
5. Post-Construction Stormwater Management
6. Municipal Good Housekeeping

What is a BMP?

- BMPs, or Best Management Practices, are methods of achieving an MCM
- A BMP may be a physical object like a silt fence at a construction site or a screen to keep trash out of the storm drain
- A BMP may also be an action like distributing brochures or training city personnel
- Each BMP must have both a measurable goal and an assessment method
- Each BMP is evaluated annually to ensure it is effective in achieving the MCM or MCMs it is associated with

This presentation will only cover changes to the 2018-2021 SWMP.

Section 2: MCM1 Public Education

- Added non-homeowning residents as a target audience for education
- Removed solid waste managers as a target audience for education
- Added nutrient pollution and construction pollutants as target pollutants for educational outreach
- Removed rain barrel program, installation of outfall signs, brochure distribution, and article calendar as outreach mechanisms
- Expanded Master Gardener partnership to other local environmental organizations (including the Master Gardeners)
- Added social media posts, trash cleanups, and article publication as outreach mechanisms for MCM 1
- Established forms on city website for submitting stormwater questions or concerns
- City will offer erosion and sediment control training to contractors at least once per permit cycle

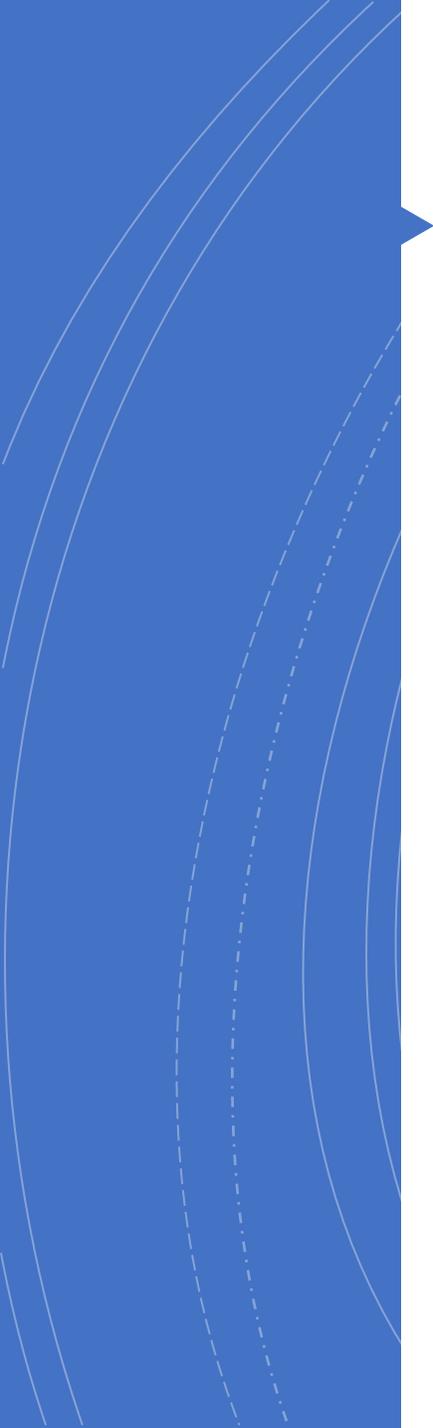
Section 3: MCM2 Public Involvement

- Changed Minimum Control Measure 2 (MCM 2) to only cover public involvement in permit renewal
- Changed Stormwater Committee meeting schedule to once per permit cycle
- Established requirement for annual Stormwater update to City Council
- Created Stormwater complaint/comment forms on City website

Section 4: MCM3 Illicit Discharge Detection and Elimination

Background Information

- An illicit discharge is when anything other than stormwater enters the storm sewer system or a stream without a permit
- Some businesses and city departments have a permit from the DNR to discharge treated water
- The City has ordinances which prohibit illicit discharges (Chapter 34 of the Moberly Code of Ordinances)



Stormwater Department will inspect at least 60% of all outfalls per permit cycle instead of inspecting 19 representative outfalls quarterly

Added storm sewer mapping, household hazardous waste recycling program, targeted presentations, stormwater complaint forms, public education, and city staff training to illicit discharge prevention Best Management Practices (BMPs)

Removed educational conference as illicit discharge prevention BMP

Added explanation of how priority water areas are chosen

Priority area Criteria

- Areas with evidence of ongoing or a past history of illicit discharges;
- Land use influencing storm sewer/ proximity of potential pollutant sources;
- Areas of higher population density;
- Neighborhoods with onsite sewage systems;
- Areas with known litter or dumping issues;
- Large or increased number of citizen complaints; and
- Industrial areas

Section 5: MCM4 Construction Runoff Control

Background Information:

Projects which require a Land Disturbance Permit

- Any project that disturbs an acre or more of ground
- Any project which is part of a common area of development that will disturb an acre or more
- Any project which is associated with the installation of 1,000 or more linear feet of utilities
- Land disturbance within 100 feet of drainageway
- Fill or excavation of 50 or more cubic yards of material
- Projects at high risk of sediment or erosion

- Described prioritization mechanism for construction inspections: sites with land Disturbance Permits take top priority
- Added time limit for responses to public complaints (within 5 business days)
- Added stormwater complaint forms as BMP
- Changed contractor self-inspection frequency to once every 14 days and within 72 hours of a rainfall of 2.98 inches or more

Section 6: MCM 5 Post Construction Stormwater Management

Background Information

The following projects require a post-construction stormwater plan

- Any project that develops an acre or more of land
- Any project which is part of a common development that will disturb an acre or more
- Projects at high risk of sediment or erosion

This can mean either installing post-construction stormwater controls or a contribution to the regional stormwater fund based on the area developed

- Clarified permit system for permanent stormwater facilities
- Added storm sewer mapping project, demonstration rain garden, stormwater complaint forms, and presentations to target audiences as BMPs
- MS4 inspectors need annual training on post-construction stormwater controls

- Owners of permanent facilities must maintain a stormwater permit. The permit renews for free if the facility is functioning as intended
- The permit must be renewed for \$250 after repairs if the facility is not functioning
- The city is happy to offer a complimentary, non-legally binding review of permanent facilities prior to April 2022

Section 7: MCM 6 Municipal Good Housekeeping

- The City has accountability measures to ensure we are not contributing to stormwater pollution or erosion
- These BMPs are designed for city personnel

- All city departments are required to create stormwater control SOPs by June 2022
- Added requirement for snow removal training starting fall 2022
- Described flood management project assessment method (city reviews building plans and may consult with an engineering firm for areas deemed a flood or runoff risk)
- Added requirement to get feedback from department heads about BMPs
- Removed sewer rehabilitation BMP

Section 8: Recordkeeping and reporting

- The City maintains records in spreadsheets
- The City reports annually to the DNR
- Each annual report includes an assessment of how well each BMP is fulfilling the corresponding MCM or MCMs

Questions & Comments

660-353-9745

rachelh@cityof
moberly.com



Please state your name; and if you are representing a business or organization, please state who you are representing



Please allow time for each comment to be recorded



Please remember to sign in if you haven't already



Thank you very much for attending!