

Municipalities have a lot on their plates when it comes to stormwater. Not only do they need to implement costly water quality projects to reduce sediment and nutrient pollutants to local streams, but they also need to conduct activities and work tasks in ways that minimize stormwater pollution as required by MCM #6 of the MS4 Permit. These tasks include:

- ▶ Create an inventory of all operations and land uses that may contribute to pollution
- ▶ Develop, implement, and maintain a written operation and maintenance (O&M) program
- ▶ Develop and implement an employee training program.

HOW CAN MUNICIPALITIES COMPLY WITH MCM #6?

Step 1: Identify facilities owned and/or operated by the municipality including roads, parks, and municipal buildings. The list may also include sanitary sewer pump stations, fire stations, and police stations.

Step 2: List the activities/tasks that occur at each facility, such as spreading salt, paving roads, mowing lawns, collecting trash, and applying herbicides.

Step 3: Develop a written procedure for the identified activities, making sure you implement practices to protect water quality, such as placing drip pads under parked vehicles, calibrating salt spreaders, and protecting inlets when paving.

Step 4: Develop a municipal training program for public works staff, administrative staff, committee members, volunteers, and elected officials to ensure your staff is taking action to minimize stormwater pollution.

Step 5: Develop a long-term plan to identify areas that need improvement and/or areas that provide an opportunity to improve water quality. If you have fuel pumps that are not covered and are surrounded by oil stains, you can document when a new fueling station will be installed. Likewise, if you have an opportunity to improve an existing dry basin in one of your parks, then identify when that will be retrofitted.

You don't have to do everything perfectly – but you do need to show that you understand problem areas and have a plan to make improvements!

Potential problem areas as those shown below could be contributing to stormwater pollution and should be identified in your plan!



MUNICIPAL OPERATIONS THAT CAN POLLUTE STORMWATER

- ▶ Construction Activities
- ▶ Road Paving
- ▶ Spilled oils and chemicals
- ▶ Excessive fertilizers or pesticides
- ▶ Outdoor storage of construction materials
- ▶ Washwater discharged to streams

MUNICIPAL OPERATIONS THAT CAN PROTECT WATER QUALITY

- ▶ Construction Activities
- ▶ Road Paving
- ▶ Spilled oils and chemicals
- ▶ Excessive fertilizers or pesticides
- ▶ Outdoor storage of construction materials
- ▶ Washwater discharged to streams

MUNICIPAL PUBLIC WORKS - ACTIVITIES THAT ARE POTENTIAL PROBLEM AREAS

- ▶ Interior floor drains
- ▶ Vehicle maintenance – leaking vehicles
- ▶ Vehicle washing – washwater contaminating stormwater
- ▶ Vehicle fueling – leaks
- ▶ Disposal of street sweeping debris
- ▶ Outdoor materials storage

WE CAN HELP!

- ▶ Kara Kalupson, RLA, CPMSM
(717) 431-3706
kara.kalupson@rettew.com
- ▶ Melissa Kelly, RLA, ASLA
(717) 344-5099
melissa.kelly@rettew.com