



WHY ARE YOU HERE?

- Permit allows discharge of stormwater
- Learn about general good housekeeping practices to improve stormwater runoff water quality
- Training is required
 - At least once per permit cycle, typically 5-years
 - New hires shall receive training within one year

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About the Permit Program National Pollutant Discharge Elimination System (NPDES) permit program for Municipal Separate Storm Sewer Systems (MS4s) Goal of the MS4 program is to reduce the discharge of pollutant to surface waters of the State An MS4 is a system of drainage (including roads, storm drains, pipes, ditches, etc.) that is not a combined sewer or part of a sewage treatment plant. Stormwater discharges from a regulated MS4 to a surface water of the State in an urbanized area are subject to regulations under the NPDES program. Michigan Department of Environment, Great Lakes, and Energy (EGLE) regulates the MS4 permit.

Why We Care About Pollution Prevention

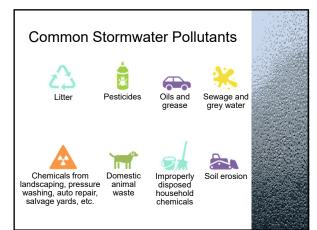
Rainwater from storm events flows to surface water bodies Keeping pollution out of stormwater protects rivers and lakes

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Activities contributing to "urban" stormwater runoff pollution

- Road maintenance
- · Vehicle fleet management
- · Fueling and vehicle repair
- Loading, transfer & storage
- · Waste management
- · Painting and coating
- · Cleaning and degreasing
- Facility, park, landscape maintenance

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Permit Components

- 1. Inventory of facilities and control measures (submitted with permit application)
- 2. Facility specific stormwater management *(topic of next workshop)*
- 3. Structural O&M
- 4. General O&M
- 5. Management of vegetated properties
- 6. Employee Training
- 7. Contractor Requirements





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Catch Basins

Designed to catch pollutants in a sump

Visually inspect before cleaning Clean when sump is 1/3 full Collect and properly dispose waste material (liquid and solid) drying beds → solid waste landfill wastewater treatment plant

Solid/liquid waste defined as "liquid industrial byproduct" under Part 121 of NREPA receiption Refer to EGLE for additional information









Roads and Parking Lots Frequency is highly variable Collect and properly dispose waste material Manual sweeping → bag, bin, landfill Grass clippings → blow back up on lawn drying beds → solid waste landfill



EGLE nonpoint Source BMP Manual: Street Sweeping EGLE - NPS BMP Manual, Other BMP Design References, and Pollutants Controlled (michigan.gov)



Spill Prevention Fueling Areas

Protect Nearby Catch Basins/ Storm Sewers. Have absorbent material available. Train Staff to Use Material

Parking Areas

Keep Drip Pans Nearby and Accessible. Have Absorbent Material Available.



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Spill Response

Have a Spill Response Plan in Place with Contact Names and Numbers in Case of a Spill.

Make Spill Control Materials Available and Train Personnel to Use Them.



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Vehicle Fueling

Signage (location of spill kit and spill response) Have a Fuel Spill Kit Available at All Fueling Stations. Dispose of Used Absorbent Properly.

Store Small Fuel Containers Under Cover in a Fire-proof Cabinet.



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