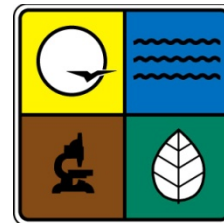


Stormwater Permits

Evolving Program

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MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

Centralization

- All site-specific permits written in central office
- My unit writes industrial, including CAFO
- May see some changes as we try to bring consistency to stormwater permits

Stormwater Permits

- All stormwater permits contain basic Stormwater Prevention Pollution Plan (SWPPP) requirements
- Each SWPPP should be site-specific but must contain some minimum elements

SWPPP

- A listing of specific BMPs (min. BMPs specified in permit, should also be site-specific)
- A schedule for regular site inspections and brief written reports. Inspection reports must be kept on site with the SWPPP
- Designate an individual responsible for environmental matters.
- Train all personnel involved in material handling and storage, and housekeeping of maintenance and cleaning areas.

Stormwater Benchmarks

- When used in a permit it is a quantifiable target used to assess progress toward a numeric goal for BMP implementation.
- When not met, the permittee should take corrective action to improve progress toward meeting goal.
- Adaptive management aid that does not lead directly to enforcement

Benchmark Values

- EPA's multisector general permit
 - <http://cfpub.epa.gov/npdes/stormwater/msgp.cfm>
- Acute aquatic life criteria
 - <http://www.sos.mo.gov/adrules/csr/current/10csr/10c20-7a.pdf>

Benchmark eligible discharges

- Stormwater only
- In compliance with current permit
- In compliance with proposed benchmarks
- Dependent on receiving stream conditions

No Exposure

- All industrial materials and activities are protected from precipitation and runoff
 - Everything inside a storm resistant shelter
 - Regional Office Inspection
 - Signed certification issued by Regions
- 10 CSR 20-6.200(B)16.

No exposure (continued)

- Not all materials and activities require storm resistant shelter
 - Tightly sealed containers
 - Adequately maintained vehicles
 - Final products that would not be mobilized by stormwater

No exposure (continued)

- New facilities cannot receive no exposure certificate until construction is complete and inspection is conducted
- Facilities with process water discharges may not be eligible
 - Can maintain a simple SWPPP documenting that all materials will be protected from precipitation and runoff in a storm resistant shelter

General Permits

- One master general written in central office
- Individual permits issued by regional office
- Aside from the certification page they are exactly the same
- Majority issued are Land Disturbance \$300
 - <http://www.dnr.mo.gov/modnrcag/>
- Most others are \$150 annually

Stormwater General Permits

<http://www.dnr.mo.gov/env/wpp/permits/wpcpermits-stormwater.htm>

- Textile & Apparel/
Printing & Publishing
- Metal Fabrication
- Lumber and wood
- Chemical Mfg.
- Plastic & Rubber Mfg.
- Agrichemical
- Motor Vehicle Salvage
- Motor Freight Transport
- Airports
- Solid Waste Transfer
- Biodiesel Mfg.

General Wastewater Permits

<http://www.dnr.mo.gov/env/wpp/permits/wpcpermits-general.htm>

- CAFO
- Compost
- Oil Water Separator
- Petroleum Storage
- Quarries
- Hydrostatic Testing
- Dredging
- Car Wash
- Swimming Pool
- Land application – food process WW
- Pesticide
- Clay Pits
- Fuel Spill Clean up

Changes to General Permits

- Adding benchmarks
- Adding quarterly monitoring
- Lengthy process to issue/renew
- New staff tending to Master General Permits

eDMR

<http://dnr.mo.gov/env/wpp/edmr.htm>

- **2013 Training**

Oct. 8

Nov. 5

Dec. 10

- All training at the MOTEC Facility
- Jefferson City, MO
- 9 a.m. to 4 p.m.
- Please contact edmr@dnr.mo.gov to register

Implementation Plans

- EPA is promulgating rule
- July 2014 – mandatory for Majors
- July 2015 – mandatory for all municipal
- July 2016 – mandatory for non-municipal
- Dec. 2018 – mandatory for all GPs

House Bill 28

- Any point source that constructs an earthen storage structure for domestic, agricultural, or industrial process wastewater to obtain a construction permit. All other construction-related activities are exempt
- Working on adopting in rule
- It is your P.E.'s responsibility to build to design guidelines and meet limits