

Master General Permit (MGP)

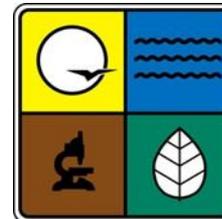
MOG50 – Sand and Gravel Mining

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MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

Presentation Overview

- MGP MOG50 Renewal
 - Overview of MGP
 - Proposed Modifications to the MGP
 - Questions or Comments

MOG50 Overview

- **MOG50 – Sand and Gravel Mining**
 - Discharge of process wastewater and/or stormwater from facilities engaged in sand and/or gravel mining, washing, sorting, or storage
 - Including but not limited to SIC codes 1442 (Construction Sand and Gravel) and 1446 (Industrial Sand)
 - MGP issued on 06/01/2010
 - MGP expires on 05/31/2015
 - Currently 76 General Permit Covered Facilities (GPCFs) under MOG50

MOG50 Modifications

- Change from:
 - MOG50 Sand and Gravel Washing
- To:
 - MOG50 Sand and Gravel Mining
 - Permit activity more than just washing. There is mine pit dewatering, washing, sorting, storage, etc.
 - Aligns with the EPA and other States

MOG50 Modifications

- Language throughout the permit will be updated to the most current language found in MGPs
- Language has been modified and updated over the five years since the current version of MOG50 was issued
- The updated language reflects current thinking, approaches, and regulations on issues and requirements affecting MGPs
 - Ex. SWPPP language, factsheet language, etc.

MOG50 Modifications

- Change from:

4. This permit does not authorize discharges:

Within the watersheds of streams or lakes listed as an outstanding national resource water* or their tributaries; or,

- To:

6. A facility located in the watershed of an ONRW must be operated in a no-discharge manner in accordance with 10 CSR 20-6.015(1)(B)(7). Any new or existing facility that plans to operate or currently operates within an ONRW must submit an application for this permit. The application must include an engineering report sealed by a professional engineer licensed in the state of Missouri. The engineering report must demonstrate the facility is capable of operating as a no-discharge facility. The engineering report will provide the details of water usage and the methods of land application.

MOG50 Modifications

- Change from:

For existing facilities, This general permit requires all facilities to develop a SWPPP. Because a SWPPP was not previously required for these facilities, the SWPPP must be prepared within 60 days and fully implemented within 120 days.

- To:

Existing and Expanding Facilities:

- a) The facility was required to prepare a SWPPP for coverage under a previous version of this permit. The facility must review and update the SWPPP to assure that the selected BMPs continue to be appropriate and ensure implementation of all provisions of this permit by permit issuance.
- b) Throughout coverage under this permit, the facility must perform ongoing SWPPP review and revision to incorporate any site condition changes.

MOG50 Modifications

- Change from:
 - Current permit has no TSS benchmark for stormwater in the permit.
- To:
 - New permit will have a TSS benchmark of 100 mg/L for stormwater.
 - For this type of industry/SIC code, the EPA's Multi-sector general permit has a TSS benchmark for stormwater as do other states.

MOG50 Modifications

- Change from:
 - Current permit has a TSS effluent limit for process wastewater:

Total Suspended Solids	mg/L	110	70	once/month**	grab
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- To:
 - New permit will have a TSS effluent limit for process wastewater:
 - Daily of 45 mg/L; Monthly of 25 mg/L
 - For this type of industry/SIC code, the EPA's Multi-sector general permit and other states have the same or very similar TSS limits for process wastewater

Web Address

- <http://dnr.mo.gov/env/wpp/permits/index.html>
 - Current MGPs, Public Noticed MGPs

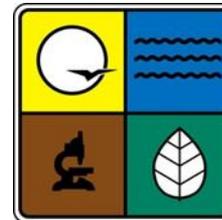
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