Sand and Gravel Seminar
November 4 & 5, 2019
Montgomery, Alabama

Small Mining General Permit

Blake Pruitt, Chief
Special Services Unit
Stormwater Management Branch
Water Division
Topics

- Organizational Structure
- Mining Permitting Options
- Small Mining General Permit
- Common Compliance Issues
Organizational Chart

Water Division
Jeff Kitchens

- Industrial/Municipal
  Daphne Lutz

- Stormwater Mgmt
  Jimbo Carlson

- Drinking Water
  Aubrey White

- Water Quality
  Chris Johnson

- Water Services
  Christy Monk

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Organizational Chart

Stormwater Management Branch
Jimbo Carlson

Construction Permits
Dale Mapp

Mining and Natural Resource
Catherine McNeill

Special Services
Blake Pruitt

MS4
Cammie Ashmore

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• Three Options
  – Small Mining General Permit – ALG890000
  – Sand and Gravel General Permit – ALG850000
  – Individual Sand and Gravel Permit
Part I.A

- Authorizes discharges associated with noncoal/nonmetallic mining (as defined in Part IV.EE.23) and dry processing, and areas associated with these activities, where such activities will result in a cumulative land disturbance of less than 5 acres of land at any one time over the life of the mining activity.
  - Noncoal/nonmetallic mining
  - Dry Processing
  - <5 acres of disturbed land
Part II.D.1. – Authorization to Discharge:

• Any person wishing to be permitted to discharge under this general permit shall submit a Notice of Intent to be covered by this general permit at least thirty (30) days prior to the date of desired coverage. No discharge authorized under this permit may commence until the discharger receives the Director’s acknowledgement of the NOI and approval of the coverage of the discharge by this permit. The Director’s acknowledgement shall include a copy of this permit.
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT
GENERAL PERMIT

DISCHARGE AUTHORIZED: DISCHARGES FROM SMALL NONCOAL-NONMETALLIC MINING AND DRY PROCESSING AND AREAS ASSOCIATED WITH THESE ACTIVITIES

AREA OF COVERAGE: THE STATE OF ALABAMA

PERMIT NUMBER: ALG890000

RECEIVING WATERS: ALL WATERS OF THE STATE OF ALABAMA

In accordance with and subject to the provisions of the Federal Water Pollution Control Act, as amended, 33 U.S.C. §§1251-1385 (the "FPCGA"), the Alabama Water Pollution Control Act, as amended, Code of Alabama 1975, §§52-22-1 to 22-22-14 (the "AWPCA"), the Alabama Environmental Management Act, as amended, Code of Alabama 1975, §§22-22-1 to 22-22-14, and rules and regulations adopted thereunder, and subject further to the terms and conditions set forth in this permit, the Permittee is hereby authorized to discharge into the above-named receiving waters.

ISSUANCE DATE: JANUARY 3, 2018

EFFECTIVE DATE: FEBRUARY 1, 2018

EXPIRATION DATE: JANUARY 31, 2023
Submittal Requirements:

- Submittal of Notice of Intent (NOI) –
  - ADEM Form 498
    http://www.adem.state.al.us/DeptForms/Form498.pdf
- Correct Fee (Currently $1385)
- Submittal of USGS topo map
- BMP Plan—for impaired waters only
• Submittal Requirements (cont’d):
  – Best Management Practices Plan, or BMP Plan, for discharges to:
    • waters listed on the most recently EPA approved 303(d) list
    • a waterbody for which a TMDL has been approved or established by EPA
    • waters assigned the OAW, ONRW and TAL use classifications

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Part II.D.1.

- The permittee must complete and submit the NOI electronically, using the Department’s e-NOI system, unless the permittee submits in writing valid justification as to why the electronic submittal process cannot be utilized and the Department approves in writing
Welcome to ADEM

Alabama is blessed with a wealth and variety of natural resources which provide significant social, economic, and environmental benefits and opportunities for the citizens of Alabama. Our mission at ADEM is to protect and improve the quality of Alabama’s environment and the health of all its citizens. This website is designed to keep you informed and to help you as you live and work in Alabama.

Upcoming Events and Latest News

January 15, 2016
26th Annual Nonpoint Source Conference

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Electronic Submittal

eGovernment Portal

eDMR (electronic Discharge Monitoring Reports)/eSSO (electronic Sanitary Sewer Overflow)
The eDMR and eSSO system provides wastewater facilities with an alternative way to submit DMR and SSO data and allow the ADEM to electronically validate the data, acknowledge receipt, and upload data to state's central wastewater database.

eDWRS (electronic Drinking Water Reporting System)
The eDWRS provides drinking water facilities with a way to submit MOR, CCR, and DWR data and allow the ADEM to electronically validate the data, acknowledge receipt, and upload data to state's central drinking water database.

eNOI (electronic Notice of Intent)
The eNOI system is an electronic method for submitting a Notice of Intent (NOI) for coverage under a General NPDES Permit. This electronic system allows for the submittal of the NOI and other required documents as well as required payment.

ePay
ePay allows for the electronic payment of various fees to the ADEM. Click the link below that corresponds to the fee you wish to pay.
Bacteriological Sample Analysis
Water/Wastewater Operator Certification
Smoke School
Underground Storage Tanks
General Notice Permits and Amendments to Special

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Notice of Intent

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
NOTICE OF INTENT – NPDES GENERAL PERMIT NUMBER ALG890000

NPDES Permit Number ALG890000 is a general permit authorizing discharges from small nonmetallic mining and dry processing and areas associated with these activities. Please complete all questions. Incomplete or incorrect answers, or missing signatures will delay processing. Attach BMP plan and/or other information as needed. Commencement of activities applied for in this Notice of Intent (NOI) are not authorized until permit coverage has been issued by the Department.

DISCHARGES NOT COVERED BY GENERAL PERMIT ALG890000

If the facility will have any of the following discharges, please contact the Mining and Natural Resources Section of ADEM before proceeding:

1. Discharges from wet processing of mined materials;
2. Discharge(s) from any mining operation that at any time has a total area of land disturbance that equals or exceeds five (5) acres in size, or
3. Discharge(s) from any mining operation where the planned or proposed area of total land disturbance currently equals or exceeds, or will equal or exceed five (5) acres in size.

PURPOSE OF THIS NOI

Initial NOI for New Facility
Initial NOI for Existing Facility (Previous NPDES Permit AL______)
Transfer of General Permit No. ALG90000
OEE______
Performance of General Permit ALG90000

I. PERMITTEE INFORMATION

Permittee Name

Responsible Owner/Operator or Official, and Title

Responsible Official (IO) Mailing Address

City, State, and Zip Code

Responsible Official (IO) Street Address

City, State, and Zip Code

Corporation Individual Sole Proprietorship Partnership LLC LLP Government Agency Other

II. FACILITY INFORMATION

Facility Site Name

Facility Site Contact and Title

Facility Site Street Address (Location Description)

City, State, and Zip Code

Facility Front Gate Latitude and Longitude (decimal or deg,min,sec)

Facility Site Contact Phone Number

County:

Facility Site Contact E-Mail Address

Detailed Directions to Facility Site

III. ACTIVITY DESCRIPTION

Please Specify Material to be Mixed:

[ ] Dirt and or Silt [ ] Sand and or Gravel [ ] Shale [ ] Common Clay [ ] Other

Narrative Description of Activity

Primary NCI Code

Primary NAICS Code
Notice of Intent

IV. PROPOSED SCHEDULE

<table>
<thead>
<tr>
<th>Activity Schedule Description</th>
<th>Commencement Date</th>
<th>Completion Date</th>
</tr>
</thead>
</table>

Area of Proposed Facility Site | Total Site Area in Acres | Total Disposed Area in Acres |

V. TOPOGRAPHIC MAP SUBMITTAL

Attach a current topographic map showing all proposed activities and all areas to be disturbed by the applicant. The map shall be in color, to include a legend indicating the names of the main roads, highways, and utility lines. The map shall also indicate the location of proposed facilities, including the type of facility, the name of the contractor, and the contractor's signature.

VI. RECEIVING WATERS

List discharge point number, name of receiving water, latitude and longitude (decimals), maximum flow, and maximum discharge of the waterbody to which the discharge is directed. Any discharge to a surface water body shall be permitted only if the discharge meets all applicable regulations and standards.

<table>
<thead>
<tr>
<th>Discharge Point No.</th>
<th>Receiving Water</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Waterbody Use Classification</th>
</tr>
</thead>
</table>

VII. IMPACTS: TOTAL MAXIMUM DAILY LOAD (TMDL), AND HIGH QUALITY WATERS

Complete a detailed TMDL assessment for each waterbody receiving the discharge. The TMDL must be developed in accordance with the Alabama Water Quality Act and regulations of the Alabama Department of Environmental Management.

VIII. QUALIFIED CREDENTIALLED PROFESSIONAL (QCP) CERTIFICATION

A QCP must certify that all work performed under this Notice of Intent complies with all applicable laws, regulations, and standards. The QCP must have a valid professional license and be registered with the Alabama Department of Environmental Management.

IX. OPERATOR/RESPONSIBLE OFFICIAL SIGNATURE

The operator/official responsible for the facility must sign the Notice of Intent to confirm compliance with all applicable laws, regulations, and standards. The signature must be witnessed by an authorized agent.

Pursuant to ADEM Administrative Code Rule 335-6-6-00, this Notice of Intent must be signed by the operator or owner, or the operator or owner’s authorized agent, in accordance with the Alabama Water Quality Act and regulations of the Alabama Department of Environmental Management.
• Mining activity may not commence until a BMP Plan has been prepared and certified by a QCP as adequate to meet the requirements of the permit.

• The BMPs must be designed and implemented to be effective for specific site conditions.

• The Permittee shall properly implement and regularly maintain the controls, practices, devices, and measures specified in the BMP Plan.
Part III.H. – Inspections

• Pre-Mining Inspection
  – This should be done prior to placement of any BMPs or land disturbing activities

• Weekly Observations
  – At least once per week when there is activity
  – Visually observe the portion of the site where disturbance or work is occurring
  – Can be performed by site personnel
  – Maintain a log of observations to include BMP deficiencies and rainfall measurements

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Part III.H. – Inspections

• Site Inspections
  – Complete and comprehensive observation of the entire mining site
  – Performed by a QCI, QCP, or qualified person under the direct supervision of the QCP
  – Frequency
    • Once Per Month and after qualifying precipitation event
    • Once every 6 months by a QCP
    • As often as necessary until deficiencies observed during prior inspections are corrected

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• Incised Pits
  – Inspections may be conducted once per quarter (at least 2 months apart) if the QCP submits to the Department once every 3 months that the pit is being operated with significant freeboard to handle a 50-year, 24-hour precipitation event.
  – If a precipitation event exceeds this design storm, the QCP must conduct a comprehensive inspection within 72 hours of the event and submit a detailed report to the Department within 7 days of the inspection if deficiencies or noncompliance noted.
Part III.I. – Corrective Action

- Deficiencies/issues noted during inspections must be corrected as soon as possible, but not to exceed 5 days from the inspection unless prevented by unsafe weather conditions.

- In case of a breach of a sediment basin/pond or other containment structure, measures must be taken within 24 hours and permanent measures must be taken within 5 days of the inspection.

- The permittee must promptly take steps to remove pollutants deposited offsite or in a waterbody or stormwater conveyance structure.
Part IV.R. – Termination of Coverage

- The permittee must notify the Department in writing when all discharges authorized by the permit have ceased.
  - Form 499
  - ADOL Bond Release Paperwork, if applicable
  - Certification by the Permittee and the QCP that final stabilization has been achieved (Part III.EE.16.)
  - Loss of operational control of the site
Common Compliance Issues

- Operating without permit coverage, or not re-applying prior to expiration
- BMPs either not being used or not being maintained
- Sign not posted
- Precipitation not be measured
- Offsite sedimentation
- Offsite tracking
- Exceeding the maximum allowed disturbed area
- Solid Waste/Burning on site

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Total area outlined = 6.4 acres and doesn’t include entrance/haul roads
Contact Information for the SMGP Programs

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