



Notice of Intent (NOI)
Land Application General Permit for Mine Dewatering and Stormwater
Associated with Nonmetallic Mineral Mining Facilities
NDG730000

Submission of this Notice of Intent constitutes notice that the party identified in this form intends to be authorized by a Land Application permit issued for Nonmetallic Mineral Mining discharges in a State location identified in this form. Becoming a permittee obligates such a facility to comply with all terms and conditions of the permit. ALL NECESSARY INFORMATION MUST BE INCLUDED WITH THIS FORM. **AN ANNUAL OPERATING FEE OF \$100 IS REQUIRED FOR COVERAGE UNDER THIS PERMIT. See Instructions.**

I. Site/Operator Information

Name of the Mining or Pit Site: _____
 Site Address: _____
 Site City: _____ State: _____ Site County: _____ Site ZIP (if available): _____
 Tax map # (list all): _____
 Company/Operator Name: _____ Phone: _____
 Company/Operator Physical Address (do not use PO Boxes): _____
 _____ Federal State
 City: _____ State: _____ ZIP: _____ Operator Status: Public Private

II. Site Contact Information

Contact Name: _____ Phone: _____
 Contact Title: _____
 Mailing and Billing Address: _____
 City: _____ State: _____ ZIP: _____ Email: _____

III. Site Information

- A. Materials to be Mined: _____ (if material is mined solely as fill dirt, write **fill dirt** in the blank, not "sand" or "clay")
- B. SIC or Activity Codes: Primary: _____ 2nd: _____ 3rd: _____ 4th: _____
 (The primary SIC codes for nonmetallic mining activities are in the 1400 series, for example fill dirt pits have the SIC code of 1499. Please list any other SIC codes that apply to this activity.)
- C. Total number of acres to be affected by the mining activity: _____
- D. Does the site currently have Nonmetallic Mineral Mining Land Application General Permit coverage?
 If **Yes** complete this permit number NDG73 _____ ; otherwise mark No
- E. List any other NPDES or ND Permit numbers for the site: SC _____ SC _____ ND _____
- F. Is this site exempt from the Mining Act? Yes, Reason for exemption: _____ No, Mining Permit #: _____
- G. Will this site land apply storm water (see instructions for definition)? Yes No
 Will this site land apply mine dewatering (see instructions for definition)? Yes No
 Will this site land apply a process generated wastewater, mine equipment wash water,
 or suction dredge water (see instructions for definition)? (Not allowed under this permit.) Yes No
- H. Provide the latitude and longitude (to the nearest 15 seconds) of the land application site and the number of acres. Provide the flow (in gallons per day) that the land application site is expected to receive.

| Land Application Site # | Acres | Flow (gallons per day) | Latitude | | | Longitude | | |
|-------------------------|-------|------------------------|----------|-----|-----|-----------|-----|-----|
| | | | Deg | Min | Sec | Deg | Min | Sec |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

- I. Describe the flow path that the stormwater and/or mine dewatering takes to reach the land application system (attach a separate sheet if more space is needed). Please note, if applicable, that easements have been obtained for any conveyances of the effluent not on property of the permittee.

- J. Locate the site on a U.S. Geological Survey 7½ minute quad sheet. An 8½ x 11 copy of the portion of the map with the site identified should be submitted with this NOI.

USGS Map Quadrant Name: _____
- K. Provide a map of the site that shows the following:
 - a. The property boundary and all areas that will be affected by mining activities (i.e. the pits or excavation areas, overburden areas, material stockpiles, etc.)
 - b. Location of planned access and haul roads on the area to be affected.
 - c. Location of land application areas and buffer areas.
 - d. Location and name (if appropriate) of streams, lakes, wetlands and existing drainage ditches within the area to be permitted. Use arrows to indicate direction of water flow in such streams and drainage ditches.
 - e. 100-year floodplain.
 - f. A legend showing the name of applicant, name of the proposed mine, north arrow, county, scale, date of preparation and name and title of the person who prepared the site map.

- L. Describe all operations that contribute wastewater to the land application areas and any treatment that is provided. Attach any existing data on the quality of the discharge.

- M. Provide an attachment, prepared by a professional engineer registered in South Carolina, that shows through engineering calculations that the land application system has the capacity to land apply stormwater and mine dewatering resulting from the 24-hour 25-year storm event without discharging to surface waters.

- N. Use the space below to bring to the Department's attention any additional information you feel should be considered in the permit decision. Attach an additional sheet if necessary.

IV. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Print Name: _____ Title: _____

Signature: _____ Date: _____

INSTRUCTIONS

Notice of Intent (NOI) For Nonmetallic Mineral Mining Discharges To Be Covered Under the Land Application General Permit NDG730000

Who Must File A Notice of Intent (NOI) Form.

This Land Application General Permit is to cover Nonmetallic Mineral Mining Facilities that do not discharge pollutants to surface waters. Federal law at 40 CFR Part 122 prohibits point source discharges to a water body(ies) of the U.S. without a National Pollutant Discharge Elimination System (NPDES) permit. The operator of a site that has nonmetallic mineral mining discharges (including borrow pits) must submit a NOI to obtain coverage under the NPDES General Permit for Nonmetallic Mineral Mining Discharges. However, if the mine is operated without discharging to surface waters of the State, the operator must submit this NOI to obtain coverage under the Land Application General Permit for Mine Dewatering and Stormwater Associated with Nonmetallic Mineral Mining Facilities. If you have questions about whether you need coverage under this permit or under the NPDES Program, please contact S.C. DHEC at (803) 898-4300.

Definitions

Process-Generated Wastewater: is any wastewater used in the slurry transport of mined material, air emissions control (excluding water used for dust suppression on roads which is evaporated or absorbed by soils such that no runoff to a receiving stream occurs), or processing exclusive of mining. The term shall also include any other water, which becomes commingled with such wastewater in a pit, pond, lagoon, mine or other facility used for treatment of such wastewater.

Mine dewatering is any water that is impounded or that collects in the mine and is pumped, drained or otherwise removed from the mine through the efforts of the mine operator. This term shall also include wet pit overflows caused solely by direct rainfall and ground water seepage. However, if a mine is also used for treatment of mine process generated wastewater, discharges of commingled water from the mine shall be deemed discharges of mine process generated wastewater.

Mine Equipment Wash Water – means wastewater generated by washing mine equipment (including trucks) used in onsite mining operations. To qualify as mine equipment wash water under this general permit any soaps or detergents used for washing must be biodegradable and phosphate-free.

Suction Dredge Water – means wastewater generated from suction dredging in sand or gravel dredge mining operations conducted in surface waters classified as Waters of the State and subsequently processed onshore to extract the sand or gravel. Suction dredge waters generated from dredging operations conducted in a mine pit are not included in this definition.

Storm Water Associated with the Industrial Activity of Mining means storm water runoff, snow melt runoff, and surface runoff and drainage from facilities classified as Standard Industrial Classification 14 (non-metallic mineral industry) including active or inactive mining operations that discharge storm water contaminated by contact with or that has come into contact with, any overburden, raw material, intermediate products, finished products, byproducts or waste products located on the site of such operations. Inactive mining operations are mining sites that are not being actively mined, but which have an identifiable owner/operator; inactive mining sites do not include sites where mining claims are being maintained prior to disturbances associated with the extraction, beneficiation, or processing mined materials, nor sites where minimal activities are undertaken for the sole purpose of maintaining a mining claim.

Where To File NOI Form.

NOIs must be sent to the following address:

SC Department of Health & Environmental Control
Industrial Wastewater Permitting Section
2600 Bull Street
Columbia, SC 29201

Completing the Form

You must type or print all information. If you have any questions on this form, call S.C. DHEC at (803) 898-4300.

Revisions to a previously submitted NOI

If there are only changes in name, address, or site contact person, only Sections I, II and IV of the NOI are required to be completed. The entire NOI should be completed for other changes.

Fees

The annual permit administration fee of \$100 is required to be submitted with the NOI for coverage of a new site. Make check payable to S.C. DHEC and attach to NOI.

Section I: Site/Operator Information.

Give the legal name and physical address of the site to be permitted, including city, state, zip and county. If the site lacks a street address, indicate the state or county highway number, the nearest town or city, or the quarter section, township, and range (to the nearest quarter section) of the approximate center of the site. Provide tax map numbers.

Give the legal name of the person, firm, public organization, or any other entity that operates the site described in this application. The name of the operator may or may not be the same name as the site. The operator of the site is the legal entity, which controls the site's operation, rather than the property owner, or the plant or site manager. Do not use a colloquial name. Enter the physical address and telephone number of the home or regional office of the operator.

Operator Status: Indicate the legal ownership status of the operator: Federal, State, Public (other than federal or state), or Private

Section II: Site Contact Information

Enter the name, title and complete address and phone number of the person who is familiar with the operation of the site and with the facts reported in this NOI and to whom all permitting correspondence should be sent.

Section III: Site Information.

- A. List materials to be mined at the site. If sand and /or clay is mined solely for use as fill dirt list the material as "fill dirt".
- B. List the four 4-digit standard industrial classification (SIC) codes that best describes the principal services provided at the site identified in Section I. For the purposes of this permit a mining code in the 1400 series should be listed as the primary, a construction or excavation code (e.g. 1794) may be listed as one of the other codes.
- C. Indicate the total number of acres to be affected by the mining activity.
- D. Indicate whether the site is currently covered by the Nonmetallic Mineral Mining Land Application General Permit and give the permit number, if applicable. This section is used for updates to or transfers of existing permitted sites.
- E. List any other NPDES or ND (land application) permits issued for the site, if applicable.
- F. Indicate whether the site is required to obtain a Mine Operation Permit or whether the Mining Act exempts it. If the site is exempt, state the reason for the exemption (for example a SCDOT borrow pit).
- G. Indicate whether the site land applies stormwater, mine dewatering, process generated wastewater, mine equipment wash water, or suction dredge water.
- H. List each land application area separately. Give a representative latitude and longitude (to the nearest 15 seconds) for each land application area. Provide the acreage of the land application area and the flow in gallons per day that it is expected to receive. If more space is needed, attach a separate sheet.
- I. Describe the flow path the stormwater or mine dewatering takes to the land application system.
- J. Provide an 8½ x 11 copy of the applicable portion of a US Geological Survey 7½ minute quad map. The map must show the outline of the site affected by mining. The quad sheet name must be provided with the map.
- K. Provide a detailed site map of the mining activity.
- L. Provide additional information about the wastewater that is land applied.
- M. Provide calculations prepared by a P.E. registered in S.C. showing that the land application system will not discharge to surface waters.
- N. Provide any other relevant information.

Section IV: Certification

Please print the name and title of the authorized person and sign and date in accordance with the following:

For a corporation: by a responsible corporate officer, which means: (i) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions, or (ii) the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures:

For a partnership or sole proprietorship: by a general partner or the proprietor; or

For a municipality, State, Federal, or other public facility: by either a principal executive officer or ranking elected official.