

**Virginia Pollutant Discharge Elimination System (VPDES)
General Permit for Nonmetallic Mineral Mining (VAG84)
Registration Statement**

(Please Type or Print All Information)

1. Facility Information:

Facility Name:				
Facility Mailing Address:	(street)			
	(city)	(state)	(zip)	(phone)
	(county)			
Facility Location (if different than mailing address):	(street or location)			
	(city)	(state)	(zip)	(phone)
	Facility Local Contact:		(title)	
(name)		(email)		
(phone)				

2. Owner Information (the entity responsible for permit coverage):

Owner Name:				
Owner Mailing Address:	(street)			
	(city)	(state)	(zip)	(phone)
	Owner Contact:		(title)	
(name)		(email)		
(phone)				

3. Description of mining activity (mineral mined):

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4. Existing VPDES permits assigned to facility (permit numbers):

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5. For a new facility, a facility previously covered by an expiring individual permit, or an existing facility not currently covered by a VPDES permit, has a Stormwater Pollution Prevention Plan (SWPPP) been prepared?

Yes No (see instructions)

6. Does the facility discharge to a Municipal Separate Storm Sewer System (MS4)?

Yes No If yes, the facility owner must notify the owner of the MS4 of the existence of the discharge information at the time of registration under this permit and include that notification with this registration statement. The notice shall include the following information: the name of the facility, a contact person and contact information (e.g., telephone number), the location of the discharge, the nature of the discharge, and the facility's VPDES general permit number, if available.

7. Is the process wastewater system designed to operate as "no discharge"?

Yes No (see instructions)

8. Stormwater:

- a. Indicate which exclusively stormwater outfalls (if any) will be representative outfalls that require a Discharge Monitoring Report (DMR).

- b. For stormwater outfalls that are to be represented by other outfall discharges, attach a description of the activities associated with those outfalls and explain why they are substantially the same as the representative outfall to be sampled.
- c. Does the stormwater discharge from a stormwater management structure?

Yes No

9. Provide a description of facility wastewater treatment or reuse/ recycle systems, or both:

10. List any treatment chemicals added to wastewater or stormwater and that could be discharged. For these chemicals, provide with this registration statement Safety Data Sheets (SDS), the maximum proposed dosing rates and a demonstration that the application or use will not result in aquatic toxicity:

11. List co-located facilities (see instructions):

12. Is this a hazardous waste treatment, storage, or disposal facility?

Yes No

13. Attach to this registration statement a schematic drawing showing the sources of water used for production, the industrial operations contributing to or using water, and the conceptual design of the methods of treatment and disposal of wastewater and solids.

14. Attach to this registration statement an aerial photo or scale map which clearly shows the property boundaries, plant site, drainage areas associated with each outfall, locations of all mine pit dewatering, existing, significant sources of materials exposed to precipitation, stormwater management structures (if any), stormwater or process wastewater outfalls listed in item 16 and the receiving streams.

15. Provide Virginia Department of Mines, Minerals and Energy (DMME) mining permit number. Attach to this registration statement evidence that the operation to be covered by this general permit has a mining permit that has been approved by the Virginia DMME, Division of Mineral Mining (or associated waived program) under the provisions and requirements of Title 45.1 of the Code of Virginia.

16. Outfall Information:

Outfall Number	Outfall Type (see note 1)	Source of Discharge (see note 2)	SIC Code (up to 2 per outfall) (see note 3)	Discharge to MS4 (Yes/No) & MS4 System Name (if outfall discharges to MS4)	Receiving Stream	Latitude (deg-min-sec) (see note 4)	Longitude (deg-min-sec) (see note 4)

Notes:

1. Outfall Type - list as (1) process wastewater, (2) stormwater, or (3) process water commingled with stormwater.
2. Source of Discharge (If the outfall has a combination of these sources, list all that apply): (1) mine pit dewatering, (2) stormwater associated with industrial activity, (3) stormwater not associated with industrial activity, (4) ground water infiltration, (5) wastewater from vehicle or equipment degreasing activities, (6) vehicle washing, (7) mined material washing, (8) return water from operations where mined material is dredged, (9) noncontact cooling water, (10) miscellaneous plant cleanup wastewater, (11) co-located facility discharges (identify the co-located facility), (12) emergency outfall for process water systems designed as "no discharge" or (13) other discharges not listed here (describe).
3. Identify up to two four-digit Standard Industrial Classification (SIC) Codes that best represent the principal products or services rendered by the facility and major co-located activities
4. Latitude and longitude information may be obtained from DEQ's Virginia Environmental Geographic Information System (VEGIS) at the following: <https://www.deq.virginia.gov/ConnectWithDEQ/VEGIS.aspx>

17. Provide the State Corporation Commission (SCC) entity identification number, if the owner is required to obtain an entity identification number by law. If not applicable to the owner, please indicate "NA" as your answer.

18. Electronic Transmittal of Permit Coverage:

Indicate if DEQ may transmit the permit coverage documents electronically.

Yes No

If "Yes" provide email:

19. 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 properly 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:	

INSTRUCTION FOR COMPLETING THE REGISTRATION STATEMENT FOR THE VPDES GENERAL PERMIT FOR NONMETALLIC MINERAL MINING FACILITIES (VAG84)

WHO MUST FILE THE REGISTRATION STATEMENT

This registration statement must be completed and submitted by any Nonmetallic Mineral Mining facility requesting coverage under the above general permit for process wastewater discharges and/or regulated stormwater discharges.

WHERE TO FILE THE REGISTRATION STATEMENT

The completed registration statement with signature should be sent to the Department of Environmental Quality Regional Office for your area. You may sign, scan and email the registration statement to the regional office but you must then maintain the original signed document for verification if needed. The fee form and your check for \$600 (made out to "Treasurer of Virginia") should be mailed to DEQ Receipts Control, P.O. Box 1104, Richmond, VA 23218. The Regional Office for your area depends on the county in which the discharge is located. Regional office addresses can be obtained from our website at <http://www.deq.virginia.gov/Locations.aspx>, or by calling the DEQ at (804) 698-4000. The fee form is available on DEQ's web site at <http://www.deq.virginia.gov/Programs/Water/PermittingCompliance/PollutionDischargeElimination/PermitsFees.aspx>.

COMPLETENESS

In order for your application to be deemed complete and permit processing to proceed, all items must be completed as applicable. Attach extra sheets of paper if you need more space than the form allows.

ANTIDegradation REQUIREMENTS

Coverage under this general permit will not be granted unless the facility's process wastewater and stormwater discharges comply with Virginia's Antidegradation Policy under 9VAC25-260-30 of the Water Quality Standards. An individual permit application may be required to allow a proposed discharge to High Quality Waters (see 9VAC25-260-30 A 2), or permit coverage may be denied for a proposed discharge to Exceptional Waters (see 9VAC25-260-30 A 3). The Department will notify you if your discharges will not comply with the antidegradation requirements.

DEFINITIONS

SIC Code mean the "Standard Industrial Classification" code listed in the Federal Office of Management and Budget (OMB) SIC Manual, 1987. SIC codes are used as identifiers of industries with certain characteristics (see <http://www.osha.gov/pls/imis/sicsearch.html>).

Stormwater means stormwater run-off, snowmelt run-off, and surface run-off and drainage.

Process Wastewater means any wastewater used in the slurry transport of mined material, air emissions control, or processing exclusive of mining, and any other water that becomes commingled with such wastewater in a pit, pond, lagoon, mine, or other facility used for treatment of such wastewater. It includes mine pit dewatering, water used in the process of washing stone, noncontact cooling water, wastewater from vehicle or equipment degreasing activities, vehicle washing and return water from operations where mined material is dredged and miscellaneous plant cleanup wastewaters.

SECTION-BY-SECTION INSTRUCTIONS

Section 1 Facility Information

Facility Name: Provide the name of the nonmetallic mineral mining facility.

Facility Mailing Address: Provide the mailing address of the facility.

Facility Location (if different than mailing address): Provide the location of the facility ('911' street address).

Facility Local Contact: Provide the name and title of the contact for the facility and with whom day-to-day business will be conducted, email, and phone number.

Section 2 Owner Information

Owner Name: Provide the name of the person, partnership, LLC, corporation or other legal entity that owns the business.

Owner Mailing Address: Provide the complete mailing address and phone number for the legal entity that owns the business.

Owner Contact: Provide the name and title of the contact who represents the legal entity that owns the business, email, and phone number.

Section 3 Nature of the Business

Provide a brief description of the mining activity (mineral mined) conducted at the facility that is to be covered under this general permit.

Section 4 Existing VPDES Permits

List the permit number(s) of any existing VPDES permits issued to the facility.

Section 5 Stormwater Pollution Prevention Plan (SWPPP)

If this is a new facility, a facility previously covered by an expiring individual permit, or an existing facility not currently covered by a VPDES permit, indicate whether a SWPPP has been prepared.

Owners of new facilities, facilities previously covered by an expiring individual permit, or an existing facility not currently covered by a VPDES permit who are applying for coverage under this general permit must prepare and implement a written SWPPP for the facility in accordance with the general permit requirements (see 9VAC25-190-70 et seq.) prior to submitting the Registration Statement. Stormwater pollution prevention plans (SWPPP) do not need to be submitted with this registration; however, such plans must be made available to the department upon request.

Existing facilities that were covered under the 2014 Nonmetallic Mineral Mining General Permit shall update and implement the SWPPP consistent with the 2019 Nonmetallic Mineral Mining General Permit within 60 days of the board granting coverage under this permit. Such facilities do not need to check either box in Section 5. SWPPPs being implemented based on the 2014 Nonmetallic Mineral Mining GP shall continue to be implemented until a revised plan is developed and implemented.

Section 6 Discharges to a Municipal Separate Storm Sewer System (MS4)

Indicate if the discharge is into an MS4. Generally, MS4s are a conveyance or system of conveyances (including roads with drainage systems (roadside ditches), municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains: (i) owned or operated by a state, city, town, county, district, association, or other public body (created by or pursuant to state law) having jurisdiction over disposal of sewage, industrial wastes, stormwater, or other wastes, including special districts under state law such as a sewer district, flood control district or drainage district, or similar entity. Note that VDOT roadside ditches and drainage-ways are MS4s. MS4s eventually discharge to surface waters of the state and are designed or used for collecting or conveying stormwater. They are not part of a combined sewer (stormwater and sewage) and are not part of a Publicly Owned Treatment Works (POTW) (sanitary sewer). A list of MS4 owners are on the DEQ [MS4 web site](#). Generally, if you are within the boundaries of the locality or entity listed, you are in the MS4 area but that does not necessarily mean you discharge to the MS4. For example, if the discharge is to a stream that does not go through the MS4 conveyance (street, catch basin, curb, gutter, etc.) you do not have to notify the MS4 owner.

If you do discharge into an MS4, you must notify the MS4 owner in writing of the existence of your discharge and include that notification with this registration statement. The notification to the MS4 owner shall include the name of your facility, a contact person, contact information, the location of the discharge, the nature of the discharge and your VPDES general permit registration number if already assigned by DEQ. This may be a copy of a letter or email. No response from the MS4 owner is required.

Section 7 Process Wastewater System Designed as “No Discharge”

Indicate whether the process wastewater system is designed to operate as a “no discharge” system per section I B 15 of this general permit.

Process water systems designed to operate as “no discharge” are not to discharge wastewater or pollutants, except in storm events greater than a 25-year, 24-hour storm event. In the event of such a discharge, the permittee must report an unusual or extraordinary discharge per Part III H of the 2019 Nonmetallic Mineral Mining General Permit. No sampling or DMR is required for these discharges because they are considered to be discharging in emergency discharge conditions. These discharges cannot contravene the Water Quality Standards (9VAC25-260), or any provision of the State Water Control Law. Any other discharge from this type of system is prohibited and must be reported as an unauthorized discharge per Part III G of the general permit. If you prefer to turn in DMRs for process water systems designed as “no discharge” answer the question “no” and you will receive a DMR with process water limits and quarterly reporting (the DMRs may say “no discharge” but they must still be submitted quarterly).

Section 8 Stormwater

- a. Indicate which, if any, exclusively stormwater outfalls will be representative outfalls that require a Discharge Monitoring Report (DMR) for the outfall to be sampled that represents one or more substantially identical outfalls.
- b. For stormwater outfalls which are to be represented by other outfall discharges, identify the outfalls and attach a description of the activities associated with those outfalls and explain why they are substantially the same as the representative outfall to be sampled. The explanation must include a description of the industrial activity, significant materials, frequency of discharges, and management practices and activities within the area drained by the outfalls.

- c. Indicate whether the stormwater discharge is from a stormwater management structure (e.g., a series of large settling sedimentation basins). If you answer yes, the sample collection must be representative of the stormwater that is discharged from the structure. This means that the samples do not necessarily have to follow the last storm event by 72 hours or be taken during the first 30 minutes (or three hours if 30 minutes is impracticable) of discharge

Section 9 Description of Wastewater Treatment or Reuse/ Recycle Systems (or both if applicable)

Provide a description of the type(s) of wastewater treatment employed, including reuse/recycle system(s).

Section 10 Treatment Chemicals Added to Wastewater or Stormwater

List all treatment chemicals that are currently used or anticipated to be used within the life of the permit term on the registration statement. These chemicals include those added to wastewater or stormwater and that could be discharged. Include Safety Data Sheets (SDS) for treatment chemicals added to wastewater or stormwater, the maximum proposed dosing rates, and a demonstration that the application or use will not result in aquatic toxicity (e.g., a description of when, where, and how the chemical will be used; the manufacturer's specification regarding the use or recommended concentration of the chemical; and calculations of the maximum concentration expected in the effluent or other documentation showing that the maximum concentration expected in the effluent is not expected to adversely affect aquatic life). The use of any chemical additives without prior approval is prohibited under this general permit. Prior approval shall be obtained from the DEQ before any changes are made to the chemical usage.

Section 11 Co-Located Facilities

List any co-located facilities. Secondary industrial activity co-located on site is also covered as long as the secondary activity has wastewater characteristics similar to those of the mineral mine and is located within the permitted mining area. Secondary activities commonly found at mining include manufacturing of ready-mix concrete, concrete products, and asphalt paving materials, except asphalt emulsion manufacturing. Such activities do not include industrial activities that are specifically excluded from this permit.

Section 12 Hazardous Waste TSD

Indicate whether the facility is a hazardous waste treatment, storage or disposal facility.

Section 13 Schematic Drawing

Attach to this registration statement a schematic drawing showing the source(s) of water used for production, the industrial operations contributing to or using water, and the conceptual design of the methods of treatment and disposal of wastewater and solid materials (such as solids from the settling basins and waste concrete materials). If a liner is installed in the settling basin(s), the drawing should reflect its specifications.

Section 14 Required Maps

Attach to this registration statement an aerial photo or scale map which clearly shows the property boundaries, plant site, drainage areas associated with each outfall, locations of all mine pit dewatering, existing, significant sources of materials exposed to precipitation, stormwater or process wastewater outfalls, stormwater management structures (if any) and the receiving streams.

Section 15 Evidence of Department of Miners, Minerals and Energy Permit

Provide the mining permit number and attach evidence (e.g., DMME permit cover page) that the operation to be covered by this general permit has a mining permit which has been approved by the Virginia Department of Mines, Minerals and Energy, Division of Mineral Mining (or associated waived program) under the provisions and requirements of Title 45.1 of the Code of Virginia. Mineral mines owned and operated by governmental bodies not subject to the provisions and requirements of Title 45.1 of the Code of Virginia are exempt from this requirement.

Section 16 Outfall Information

All outfall information in the Table in Section 16 must be completed for each facility outfall.

- Outfall number - Outfalls shall be numbered using a unique numerical identification code (numbers only, no letters) for each outfall. For example, Outfall Number 001, Outfall Number 002, etc.
- Outfall type - List as either: (1) process wastewater, (2) stormwater, or (3) process water commingled with stormwater.
- Source of discharge - List as any one or combination of the following: (1) mine pit dewatering, (2) stormwater associated with industrial activity, (3) stormwater not associated with industrial activity, (4) ground water infiltration, (5) wastewater from vehicle or equipment degreasing activities, (6) vehicle washing, (7) mined material washing, (8) return water from operations where mined material is dredged, (9) noncontact cooling water, (10) miscellaneous plant cleanup wastewater, (11) co-located facility discharges (identify the co-located facility), (12) emergency outfall for process water

systems designed as “no discharge” or (13) other discharges not listed here (describe). If the outfall has a combination of these sources, list all that apply.

- SIC Codes - Identify up to two four-digit Standard Industrial Classification (SIC) codes that best represent the principal products or services rendered by the facility and major co-located industrial activities.
 - Provide the primary and (if applicable) secondary SIC Codes. This permit covers discharges of process wastewater as well as stormwater associated with industrial activity from active and inactive mineral mines classified nonmetallic mineral mining facilities under SIC codes 1411, 1422, 1423, 1429, 1442, 1455, 1459 excluding bentonite and magnesite mines, 1475, and 1499 excluding gypsum, graphite, asbestos, diatomite, jade, novaculite, wollastonite, tripoli or asphaltic mineral.
 - Secondary industrial activities co-located on site are also covered as long as the secondary activity has wastewater characteristics similar to those of the mineral mine and is located within the permitted mining area. These secondary activities commonly found at such mines include manufacturing of ready-mix concrete (SIC Code 3273), concrete products (SIC Codes 3271 and 3272), and asphalt paving materials (SIC Code 2951) except asphalt emulsion manufacturing. Secondary activities do not include industrial activity that is specifically excluded from this permit.
- Indicate if each outfall discharges to a MS4 conveyance and, if yes, provide the MS4 system name.
- List the receiving water body name receiving a stormwater discharge from each outfall (not required if discharge is to an MS4).
- Provide the latitude of each outfall.
- Provide the longitude of each outfall.

Latitude and longitude information may be obtained from DEQ's Virginia Environmental Geographic Information System (VEGIS) at the following: <https://www.deq.virginia.gov/ConnectWithDEQ/VEGIS.aspx>

Section 17 State Corporation Commission

Provide the [State Corporation Commission entity identification number](#) if the facility is required to obtain an entity identification number by law. If this is not applicable to the owner, please indicate “NA” as your answer.

Section 18 Electronic Transmittal of Permit Coverage

Please indicate whether the Department of Environmental Quality (DEQ) may transmit permit coverage and related permit documents via email. If “yes,” provide instructions as to who should receive it (e.g., send to emails provided in Part I - Applicant Information, send to facility contact, send to owner, or provide an email, etc...).

Section 19 Signature and Certification

State statutes provide for severe penalties for submitting false information on this Registration Statement. State regulations require this Registration Statement to be signed as follows:

- For a corporation: by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means: (1) A 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 for the corporation, or (2) the manager of one or more manufacturing, production, or operating facilities provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures; **[Note: if the title of the individual signing this form is "Plant Manager", submit a written verification that the 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 a principal executive officer or ranking elected official.