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July 12, 2019

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

RE: *NOI NPDES General Permit for Discharges Assoc.
w/ Nonmetallic Mineral Mining Facilities (SCG730000)*
Luck Stone Corporation's Chester Quarry
Chester County

Dear Mr. Caswell:

On behalf of Luck Stone Corporation, please find attached to this email the NOI and other documents to secure NPDES General Permit coverage for the Chester Quarry. The full listing of attached documents is shown below. The \$100 NOI fee is included.

NOI Package Documents

- 1) NPDES NOI for Mineral Mining – Chester Quarry Mine;
- 2) Chester Quarry Mine Map
- 3) Chester Quarry Overall Facilities Project Plan with Stormwater Controls
- 4) Chester Quarry 7.5' Topographic Map for NPDES NOI

If you should have any questions, please do not hesitate to contact me.

Sincerely,



Craig Kennedy.
Principal

Attachments

cc Mark Williams, Luck Stone Environmental Manager
Bruce Smith, Luck Stone Construction Engineer



Notice of Intent (NOI)
NPDES General Permit for Discharges
Associated with Nonmetallic Mineral Mining Facilities
SCG730000

Submission of this Notice of Intent constitutes notice that the party identified in this form intends to be authorized by a NPDES permit issued for Nonmetallic Mineral Mining discharges in a State location identified in this form. Becoming a permittee obligates such a discharge 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: Chester Mine
 Site Address: SC Hwy 9 at Old Richburg Road
 Site City: Chester State: SC Site County: Chester Site ZIP (if available): 29706
 Tax map # (list all): 089-00-00-025-000; 089-00-00-002-000; 089-00-00-001-000
 Company/Operator Name: Luck Stone Corporation Phone: 804-476-6404
 Company/Operator Physical Address (do not use PO Boxes): 515 Stone Mill Drive
 City: Manakin-Sabot State: VA ZIP: 23103 Operator Status: Federal State
 Public Private

II. Site Contact Information

Contact Name: Mark Williams Phone: 804-641-1457
 Contact Title: Environmental Manager
 Mailing and Billing Address: P.O. Box 29682
 City: Richmond State: VA ZIP: 23242 Email (optional): MarkDWilliams@luckcompanies.com

III. Site and Discharge Information

A. Materials to be Mined: Metadiorite (if material is mined solely as fill dirt, write **fill dirt** in the blank, not "sand" or "clay")
 B. SIC or Activity Codes: Primary: 1429 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: 276.6 Acres
 D. Does the site currently have Nonmetallic Mineral Mining Discharge General Permit coverage?
 If **Yes** complete this permit number SCG73; 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 #: I-002270
 G. Will this site discharge mine dewatering (see instructions for definition)? Yes No
 Will this site discharge a process-generated wastewater (see instructions for definition)? Yes No
 Will this site discharge mine equipment wash water (see instructions for definition)? Yes No
 Will this site discharge suction dredge water (see instructions for definition)? Yes No
 H. Provide the latitude and longitude (to the nearest 15 seconds) of the site, and the name of the nearest receiving water body (ex: to unnamed tributary to Saluda River). If any answer in G. above is "yes", also list each outfall and the flow (in gallons per day).

Outfall Number or Storm Water	Flow (gallons per day)	Latitude			Longitude			Receiving Waters
		Deg	Min	Sec	Deg	Min	Sec	
001 Process	varies	34	43	43	-81	09	24	Rocky Creek
SW-002	varies	34	43	46	-81	09	12	and/or "unnamed tributary to
003 Process	varies	34	43	50	-81	08	58	Rocky Creek"

Note: Additional outfalls are listed on attached sheet.

- I. Describe the discharge flow path from the point it exits the system to the point it enters the receiving water (attach a separate sheet if more space is needed). Please note, if applicable, that easements have been obtained for any conveyances of the discharge not on property of the permittee, which are not waters of the State.

Each discharge point is managed by a sediment basin that has been sized to hold an anticipated 25-year storm event. Basins will have a barrel and riser, and will discharge at a rate similar to the pre-development condition. Water discharge will be directed to the receiving stream along a riprap lined channel that will allow the discharge to enter the channel at non-erosive velocities. No easements are necessary.

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

USGS Map Quadrant Name: Chester

- K. Provide a map of the site that shows the following:
- 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.)
 - Location of planned access and haul roads on the area to be affected.
 - 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.
 - 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 discharge and any treatment that is provided. Attach any existing data on the quality of the discharge.

The mine site will collect and retain as much stormwater as possible, to reuse for dust suppression activities (water trucks to spray roads, atomized nozzles to spray transfer points within crushers, screens, and conveyors). Excess water will drain to sediment basins constructed in natural topographic locations, as depicted on the mine map. There are no data at this location, but Luck Stone has an exemplary record for discharge from 20 other mine sites.

- M. 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.

There are 17 Luck Stone mine sites in Virginia, and one in each of the following states: NC, SC, and GA. The Virginia sites are all individual members of the Virginia Environmental Excellence Program, which indicates an exemplary record of permit compliance, as well as a program to set goals for environmental improvement each year. The Chester Quarry will seek to establish a close relationship with neighbors and other stakeholders, which includes a record of environmental stewardship that will ensure continual permit compliance. All permits for dust emissions, water discharges, and wetlands impacts will be in place before the start of construction.

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: Mark D. Williams Title: Environmental Manager

Signature: Mark Donald Williams Digitally signed by Mark Donald Williams
Date: 2019.07.10 12:01:41 -04'00' Date: 7-10-19

Continuation of H.

Outfall or Stormwater	Flow (gallons/day)	Latitude			Longitude			Receiving Waters
		Deg	Min	Sec	Deg	Min	Sed	
SW 004	Varies	34	43	34	-81	09	12	Rocky Creek
SW-005	Varies	34	43	23	-81	09	07	Rocky Creek

Note: Outfall number corresponds to the basin number on the maps.

Outfalls 001 & 002 are to discharge either process water and/ or pit water. Outfalls SW-002, SW-004 and SW-005 will discharge only stormwater.