



PAT MCCRORY

*Governor*

DONALD R. VAN DER VAART

*Secretary*

TRACY DAVIS

*Director*

December 22, 2015

Certified Mail

Return Receipt Requested

70132630 0001 3990 2975

Mr. Ray Covington  
Little Rock LLC  
PO Box 1009  
Sanford, North Carolina 27441

RE: Proposed Little River Quarry  
Lee County  
Cape Fear River Basin

Dear Mr. Covington:

We have reviewed the application you/your company submitted for the referenced mine site.

In order for this office to complete its review of the referenced project in accordance with GS 74-50 and 51 of the Mining Act of 1971, please provide the additional or revised information in accordance with the following comments:

1. Provide proof such as copies of the signed return receipts that the adjoining landowners, city manager and county manager have been properly notified.
2. Provide a highway map and 7.5 minute quadrangle map of the proposed site.
3. Provide a comprehensive mine map at a minimum scale of 1 inch equals 200 feet that includes all of the features required under B2, pages 3 and 4 of the application.
4. Provide more detail for the sequence of events for the operation.
5. Provide proof your company has obtained the necessary air quality permits. Provide a fugitive dust plan that includes proof fugitive dust will not from leave the proposed permitted area.

6. Provide proof that your company has the wetlands delineated and approved by the US Army Corps of Engineers. Provide a stream determination from the Division of Water Resources. Provide proof that your company has obtained the necessary permits for the stream crossings and stormwater discharge.
7. Provide a hydrogeological analysis from a qualified hydrogeologist on the impacts to ground water supplies. Include a well survey of potable wells within 1500 feet of the proposed mine boundary. Provide a monitoring plan to protect surrounding wells.
8. Provide a highwall barrier detail.
9. Provide a detailed blasting plan that includes details of the typical shots and maximum pounds per delay used. Provide anticipated ground vibration and noise levels. The blasting report must be conducted by a qualified blasting expert.
10. Provide a reclamation plan map that shows the areas to be left as lake areas and those that will be graded and seeded. Provide cross sections of the final graded area.
11. The erosion and sediment control plan must be more detailed. Provide phased sequencing of the erosion and sediment control plan because of the close proximity to streams and slopes. OSB #2 discharges on a steep slope. Basin must be repositioned or proof submitted that erosion will not occur. Provide a detailed plan that includes erosion and sediment control measures for the construction of the tailings ponds. Provide construction details for the tailings ponds. Remove rye grass from the revegetation plan and replace with rye grain.
12. Address coordination of the sediment and erosion control measures with the proposed grading of the access roads. Sediment traps are proposed in fill sections and must be relocated. All temporary diversions serving culvert placements must be specifically designed (pump around arrangements are recommended). Coordinate the clean water diversions with the construction sequence.

13. The design computations indicate skimmers for all basins and traps. Riser basins do not provide for designed uplift protection, and perforated risers are indicated (skimmers are the appropriate dewatering alternative). These details must be completed and coordinated to ensure that appropriate perimeter containment is achieved. The basins need to be drawn to scale on appropriate topo maps to show the necessary construction footprints, emergency spillway locations in natural ground (where possible), and any necessary measures to accommodate their construction.
14. Provide grading plans for the proposed plant area, stockpile area and overburden storage. Provide staged seeding of the overburden storage area.
15. Show the stormwater outfall locations on the comprehensive mine map.
16. It has been brought to our attention that previous drilling in this area has shown there may be excessive amounts of overburden. Provide overburden calculations and show that the proposed overburden stockpile area will be sufficient.
17. It has been brought to our attention that the waterway locations are not correct on the USGS base maps. Survey the locations and incorporate the correct locations on the comprehensive mine maps.
18. Provide proof that Southwest District Park will not be affected by the proposed operation.
19. Please clarify your mining intentions. The materials submitted to this office refer to a crushed stone operation. What is the material type to be mined? The county government has been told the operation will be a dimension stone operation, i.e., counter tops, building faces, etc. Dimension stone operations are completely different from crushed stone operations. Please clarify your intentions.

Please be advised that our review cannot be completed until all of the items listed above have been fully addressed. In addition, please note the Land Quality Section may request additional information, not included in this letter, as the mining application review progresses.

Certified Mail  
Mr. Covington  
Page Four

In order to complete the processing of your application, please forward **two (2)** copies of the requested information to my attention at the following address:

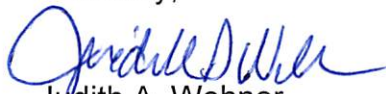
Land Quality Section  
Division of Energy, Mineral and Land Resources  
Department of Environmental Quality  
1612 Mail Service Center  
Raleigh, NC 27699-1612

As required by 15A NCAC 5B.0013, you are hereby advised that you have 180 days from the date of your receipt of this letter to submit all of the requested information. If you are unable to meet this deadline and wish to request additional time, you must submit information, in writing, to the Director clearly indicating why the deadline cannot be met and request that an extension of time be granted. If an extension of time is not granted, a decision will be made to grant or deny the mining permit based upon the information currently in the Department's files at the end of the 180-day period.

Though the preceding statement cites the maximum time limit for your response, we encourage you to provide the additional information requested by this letter as soon as possible. Your prompt response will help us to complete processing your application sooner.

Please contact me at (919) 707-9220 if you have any questions.

Sincerely,



Judith A. Wehner  
Assistant State Mining Specialist  
Land Quality Section

Enclosure: Pages 3 & 4 of the application

cc: Mr. John Holley, PE  
Mr. Bradley Bennett

## APPLICATION FOR A MINING PERMIT

5. Has any area(s) at this site been mined in the past? Yes  No   
If yes, when and by whom was this activity conducted? \_\_\_\_\_

6. Number of years for which the permit is requested (10 years maximum): \_\_\_\_\_

### B. MAPS

1. Clearly mark and label the location of your mining operation on **six (6) copies** of a 7.5-minute quadrangle and a county highway map. These maps, in addition to **six (6) copies** of all mine maps and reclamation maps, must be submitted with each permit application.

7.5-minute quadrangles may be obtained from the N.C. Geological Survey:

Mailing Address:

1612 Mail Service Center  
Raleigh, North Carolina 27699-1612  
(919) 733-2423  
[http://portal.ncdenr.org/web/lr/geological\\_home](http://portal.ncdenr.org/web/lr/geological_home)

OR

Physical Address:

512 North Salisbury Street, 5<sup>th</sup> Floor  
Raleigh, North Carolina 27604

County highway maps may be obtained from the N.C. Department of Transportation:

North Carolina Department of Transportation – Geographic Information Systems (GIS)

Mailing Address:

NCDOT GIS Unit  
1587 Mail Service Center  
Raleigh, North Carolina 27699-1587

Physical Address:

NCDOT GIS Unit  
3401 Carl Sandburg Court  
Raleigh, North Carolina 27610  
(919) 212-6000  
<http://www.ncdot.org/it/gis/>

2. Mine maps must be accurate and appropriately scaled drawings, aerial photographs or enlarged topographic maps of the entire mine site. **All aspects of the mine site must be clearly labeled on the maps along with their corresponding (approximate) acreage. As a reminder, mining permits can only be issued for up to 10 years; thus, all mine and reclamation maps must only denote those activities that are intended to be conducted during the life of the mining permit.** All maps must be of a scale sufficient (see minimum requirements listed below) to clearly illustrate the following, **at a minimum:**
- Property lines of the tract or tracts of land on which the proposed mining activity is to be located including easements and rights-of-way.
  - Existing or proposed permit boundaries.
  - Initial and ultimate limits of clearing and grading.
  - Outline and width of all buffer zones (both undisturbed and unexcavated).
  - Outline and acreage of all pits/excavations.
  - Outline and acreage of all stockpile areas.
  - Outline and acreage of all temporary and/or permanent overburden disposal areas.
  - Location and acreage of all processing plants (processing plants may be described as to location and distance from mine if sufficiently far removed).
  - Locations and names of all streams, rivers and lakes.
  - Outline and acreage of all settling and/or processing wastewater ponds.
  - Location and acreage of all planned and existing access roads and on-site haul roads.
  - Location of planned and existing on-site buildings.
  - Location and dimensions of all proposed sediment and erosion control measures.
  - Location of 100-year floodplain limits and wetland boundaries.
  - Names of owners of record, both public and private, of all tracts of land that are adjoining the mining permit boundary; if an adjoining tract is owned or leased by the applicant or is owned by the lessor of the mine tract, names of owners of record of tracts adjoining these tracts, that are within 1,000 feet of the mining permit boundary, must be provided on the mine map.

## APPLICATION FOR A MINING PERMIT

- p. Names of owners of record, both public and private, of all tracts of land that are adjoining the mining permit boundary which lie directly across and are contiguous to any highway, creek, stream, river, or other watercourse, railroad track, or utility or other public right-of-way. If an adjoining tract is owned or leased by the applicant or is owned by the lessor of the mine tract, names of owners of record of tracts adjoining these tracts, that are within 1,000 feet of the mining permit boundary, must be provided on the mine map(s). NOTE: "Highway" means a road that has four lanes of travel or less and is not designated as an Interstate Highway.
- q. Map legend:
1. Name of applicant
  2. Name of mine
  3. North arrow
  4. County
  5. Scale
  6. Symbols used and corresponding names
  7. Date prepared and revised
  8. Name and title of person preparing map

Map scales should meet the following guidelines:

### PERMITTED ACREAGE

0-49 Acres  
50-199 Acres  
200+ Acres

### MAP SCALE

1 inch = 50 feet  
1 inch = 100 feet  
1 inch = 200 feet

(NOTE: Smaller scaled maps may be acceptable if they clearly illustrate the above items)