

**SUPPORT INFORMATION TO MINING FORM MR-1300
APPLICATION TO MODIFY A MINE OPERATING PERMIT AND/OR RECLAMATION PLAN
Mine – Mine Permit No. I-00**

The information provided in this document is organized in the same manner as the SC Department of Health and Environmental Controls' application for a Mine Operating Permit – MR-400. This is not intended to be the official signed application (Form MR-1300 is the signed form for mine permit modifications) but only to serve as vehicle to present information in a logical and familiar format for review by SCDHEC staff.

I. APPLICANT INFORMATION

Specific information on company, addresses, telephone numbers refer to Form MR-1300.

Name of company personnel and their title to be the contact for official business and

correspondence: Randy Allston, Vice President

Ownership of land:

A. Name of landowner: BLH Eagle, LLC

Landowner's Address: 339 Martello Dr. Charleston
Street **and** PO Box City

SC 29412 Telephone Number
State Zip Code

B. Date lease became effective: _____

II. GENERAL CHARACTERISTICS OF MINE:

1. Material(s) to be mined: No change

2. Mining Method

A. List equipment to be used for mining and provide a brief description as to how the mine will be operated.

Mining equipment and mining method will not change with this modification.

B. Will there be a process plant located at the mine site within the boundary of the permitted area? If so, please provide a brief description of the plant equipment and function of the plant.

No – No change

3. Do you anticipate blasting as part of the mining operation? Yes x No

4. Has this site been mined in the past? If so, please indicate the present condition of the land.

Yes. Site has been mined previously under GP-00002150 and then under the Individual Mine Permit that is being modified.

5. What is the expected maximum depth of this mine? Provide any addition information about the final depth of the mine that would be useful to the Department. (Ex. Final depth of pit will be level to adjacent road, elevation above Mean Sea Level (MSL)).

20 feet below ground surface. This modification is not changing depth of mining.

III. DETERMINATION OF PERMITTED ACREAGE, AFFECTED ACREAGE AND RECLAMATION BOND

1. Total acres for which permit is being requested:

74.3 This modification is not changing the total permit area.

2. Acres in the mine permit will be change as described below:

Acres added by modification: Affected 12.7 Buffer -12.7 Fut. Res. 0.0 Permitted 0.0

Current Acres under Permit: Affected 23.2 Buffer 51.1 Fut. Res. 0.0 Permitted 74.3

New Permit Acres w/mod: Affected 35.9 Buffer 38.4 Fut. Res. 0.0 Permitted 74.3

3. Check acreage to be bonded:

Current bond amount is \$25,000.

Applicant may submit a reclamation cost estimate for mines that will affect greater than 25 acres.

Estimate should be based upon requirements in Regulation 89-20 B.

Reclamation bond estimate will be provided at the end of DHEC's technical review of the application.

4. Will this operation be covered by a blanket bond? If so, please list your company's other permitted mining operations in South Carolina giving mine names, permit numbers and state the present reclamation bond amount on file with this Department.

No

5. Number of years for which this permit is requested. The requested number of years the permit is requested should coincide with the Schedule of Reclamation as proposed by the applicant in the RECLAMATION PLAN, Form MR-500. years

No change

IV. PROTECTION OF NATURAL RESOURCES*

1. Will there be a waste water treatment system at your mine site? Yes x No

No change

2. Will there be a point source discharge from your plant or mine requiring an NPDES Permit? If no, provide information as to how stormwater and groundwater will be managed.

 x Yes No

Pit water discharge – no change.

3. Will there be air contaminant emissions from your plant or mine requiring an Air Quality Permit?

Yes No

4. Do you anticipate pumping of groundwater? If yes, describe. Yes No

No change to the mine plan. Groundwater will be managed as currently permitted.

5. Will jurisdictional wetlands be affected, filled or altered in any fashion that will require a Section 404 Dredge and Fill Permit? Yes No

Area modified to be affected was delineated for wetlands. Attached is an email approval from the US Army Corps of Engineers and a comprehensive wetland delineation map for the entire permit area.

6. Are there any known cultural or historic sites located within the proposed area to be permitted?

Yes No

There are no known cultural or historic resources located on this site.

7. Will any part of the permitted area be used as a solid waste disposal site? If no, describe how waste, trash, scrap metal material, garbage will be handled. Yes No

8. Describe the wildlife or freshwater, estuarine or marine fisheries in the area of the mining operation. Also provide information about any ponds and/or streams that may be located in the proposed permitted area.

The wildlife and fisheries for the area where mining is expanding is identical to the affected area currently being mined.

9. State the land cover and land uses on the permitted land area and contiguous tracts of land to the permitted land area.

The land cover for the area where mining is expanding is identical to the affected area currently being mined.

10. Describe measures to be taken to insure against (1) substantial deposits of sediment in neighboring streams, rivers lakes or ponds; (2) landslides; (3) acid water formation and discharge. Attach any supporting documents (engineering designs, calculations, sediment & erosion control plan, setbacks, geotechnical information, acid prediction test etc.) to this application.

(1) Sediment will be controlled by routing stormwater into the pit. If pit water should become necessary to discharge to Waters of the State, the water will be treated by allowing adequate settling time to remove sediment prior to pumping through the permitted NPDES outfall. Additionally, brush barriers, silt fencing and stormwater diversions will be used where and as necessary to provide sediment control for mine disturbed areas. The pump intake in the sediment basin will maintain a minimum 2-foot separation from the sediment basin bottom.

(2) Limited depth of mining minimizes potential for landslides. As mining approaches final pit wall locations, the mine wall will be sloped to 3:1 slope for final reclamation grade.

(3) Not applicable to this geology

V. SAFETY

1. Describe methods to be used during the time the mine operating permit is active to prevent physical hazards to persons and to any neighboring dwelling, house, school, church, hospital, commercial or industrial building or public road. If applicable, provide the zoning designation for the property to permitted.

At strategic locations around the permit boundary, "*Danger*" and "*No Trespassing*" signs will be place to warn unwary trespassers to leave the property.

2. Describe methods to be used to prevent an adverse effect on the purposes of a publicly- owned park, publicly-owned forest, or publicly-owned recreation area. If any of these facilities are within one (1) mile of the proposed affected property, please locate on mine location map and the submitted U.S.G.S topographic map for this application.

No change

3. Describe measures to be taken for screening the operation from view from public highways, public parks or residential areas.

Existing vegetation and distance will screen the operation from public roads in the area. Property line undisturbed buffers 50 feet wide will be maintained.