WARRIOR MET COAL BC, LLC.

BLUE CREEK MINE NO. 1, P-3964, R-11

ALABAMA SURFACE MINING COMMISSION

SURFACE MINING PERMIT APPLICATION

P A R T I I

Prepared by:

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LANDUSE & VEGETATION:	McGehee Engineering Corp. P. O. Box 3431 Jasper, Alabama 35502-3431
FISH & WILDLIFE:	U. S. Department of Interior Fish and Wildlife Service William J. Pearson, Field Survey P. O. Box 1190 Daphne, Alabama 36526
SOILS:	U. S. Department of Agriculture Tuscaloosa County Soil Conservation Service Tuscaloosa County, Alabama
GEOLOGY, WATER QUANTITY, WATER QUALITY:	McGehee Engineering Corp. P. O. Box 3431 Jasper, Alabama 35502-3431
ARCHAEOLOGICAL, CULTURAL, AND HISTORICAL RESOURCES:	University of Alabama Museums Office of Archaeological Research 13075 Moundville Archaeological Park Moundville, AL 35474
WETLAND DESIGNATION:	U. S. Department of Interior Army Corps of Engineers P. O. Box 2288 Mobile, Alabama 36628-0001
NATURAL RESOURCES, AND CONSERVATION:	Alabama Department of Conservation and Natural Resources Ashley Peters 64 North Union Street Montgomery, Alabama 36130

PART II - Environmental Resources Information

A. Fish, Wildlife and Environmental Values

(1) Describe the measures to be taken, using the best technology currently available to minimize disturbances and adverse impacts to fish and wildlife and achieve enhancement of this resource where practicable within the proposed permit area. [780.18(b), 816.97(a)]

See attached FISH AND WILDLIFE PROTECTION AND ENHANCEMENT PLAN.

(2) Describe in detail the measures to be taken to restore or enhance, or steps to be taken to avoid disturbance of, habitats of unusually high value for fish and wildlife located within the proposed permit area. [780.18(b)(6), 816.97(d)(2)]

See attached FISH AND WILDLIFE PROTECTION AND ENHANCEMENT PLAN.

(3) Are there any wetland areas such as streams, lakes, marshes, etc. located in or adjacent to the proposed permit area which will be disturbed by the mining activities? [780.18(b)(6), 816.97(d) (3&4)] ( ) Yes. (XX) No.

If yes, briefly describe the feature(s), it's location and the extent of the proposed disturbance. Describe in detail measures to be taken to restore the area.

FISH AND WILDLIFE PROTECTION AND ENHANCEMENT PLAN is forthcoming.

If a stream channel diversion is proposed, describe in detail (including maps, diagrams or cross sections, if necessary) how the provisions of 816.44(d) will be met. Include a copy of all other necessary State or Federal approvals.

Not Applicable - None Proposed

(4) Is fish and wildlife habitat to be primary or secondary post-mining land use? [780.18(b)(5)]
( ) Yes (XX) No

If yes, describe in detail the post-mining measures to be taken to attain this land use including the target specie(s) of wildlife, plant species to be used and a map delineating the proposed arrangement of plant groupings and water sources on the permit area following reclamation.

(5) If the pre-mining land use is fish and wildlife habitat and the proposed post-mining land use is cropland, describe the post-mining provisions to be made for wildlife. Attach a map showing the location of trees, hedges, or fence rows to be used to diversify habitat types if appropriate. [780.18(b)(5)]

Not Applicable.

(6) If the post-mining land use is to be residential, commercial or industrial, describe the post-mining provisions to be made for wildlife such as greenbelts, trees, or hedgerows composed of plant species useful for wildlife. [780.18(b)(5)]

See attached FISH AND WILDLIFE PROTECTION AND ENHANCEMENT PLAN.

(7) If any exceptions to Section 816.117(c) (1-3) are proposed, describe in detail the proposed practice including target species of wildlife, plant species to be used, planting rate and/or stocking density, planting pattern with appropriate map and anticipated results of the proposed practice.

Not Applicable.

B. **Cultural, Historical and Archaeological Resources**

(1) Describe and identify any cultural or historical resources located in or adjacent to the proposed permit area which are listed on the National Register of Historic Places. Delineate the location of the resources on the permit map. Describe in detail the measures to be taken to minimize or prevent adverse impacts on the resources(s). (779.12, 780.14, 780.31)

Concurrence from the Alabama Historical Commission is forthcoming.

(2) Describe and identify any known significant archaeological sites located in or adjacent to the proposed permit area. The description shall be based on all available information including, but not limited to, data of State and local archaeological agencies. Delineate the site(s) on the permit map. (779.12, 780.14)

Concurrence from the Alabama Historical Commission is forthcoming.

C. Threatened and Endangered Species

Identify any threatened or endangered species of plants or animals or critical habitats of such species located in or adjacent to the proposed permit area. Delineate the location of the specie(s) or habitat(s) on the permit map. (780.14)

See attached FISH AND WILDLIFE PROTECTION AND ENHANCEMENT PLAN.

D. <u>Lands Unsuitable For Mining</u>

(1) Are there any areas located in or adjacent to the proposed permit area which have been designated unsuitable for mining or are under study for such designation in an administrative proceeding?

( ) Yes (XX) No (778.16)

If yes, give the name(s) of the area(s) if known. Delineate the area(s) on the permit map. (780.14)

(2) Describe in detail the measures to be taken to minimize or prevent adverse impacts on any public park. (780.31)

Not Applicable - No Parks within or Adjacent to permit area.

(3) Are requests for waiver included in this application? (761.12)

( ) Yes (XX) No

(4) Do you claim exemption to this part based upon: ( ) YES (XX) No

(a) Operations existing on the proposed permit area on August 3, 1977; or

(b) Operations subject to valid existing rights on August 3, 1977; or

(c) Substantial legal and financial commitments made prior to January 4, 1977? [762.13, 778.16(b)]

If yes, give reason(s) for claim with appropriate documentation.

I. Land Use Information

(1) Describe in detail the land use(s) existing at the time of the application. Give the number of acres and describe sufficiently so that areas can be identified on a map. If necessary, include a map showing land use units. (779.22)

Increment	Area	Land Use
1	373 Acres	Undeveloped/No Current Use
2	12 Acres	Undeveloped/No Current Use
3	259 Acres	Undeveloped/No Current Use
4	258 Acres	Undeveloped/No Current Use
5	48 Acres	Undeveloped/No Current Use
6	113 Acres	Undeveloped/No Current Use
7	3 Acres	Undeveloped/No Current Use