

**MCWANE, LLC**

**BURTON BEND MINE NO. 2, P-3942, R-8**

**ALABAMA SURFACE MINING COMMISSION**

**SURFACE MINING PERMIT APPLICATION**

**P A R T   I I I**

Prepared by:

**MCGEHEE ENGINEERING CORP.**

P. O. Box 3431  
450 19th Street West  
Jasper, Alabama 35502-3431  
Telephone (205) 221-0686

**A. General Operation Information**

1. Describe the type and method of coal mining procedures and major equipment to be used. (780.11)

See Attachment III-A-1

2 Track Hoe	4 Blast hole drills	1-18 cubic yard dragline
4 Loaders	2 Fuel and service truck	1 Salem Model MCK Auger
6 Dozers	8 Rock Trucks	

2. Describe the sequence and timing of increments to be mined (as shown on permit map) over the total life of the permit. (780.11)

The timing increments are as follows:

<u>Increment No.</u>	<u>Acres</u>	<u>From</u>	<u>Dates</u>	<u>To</u>
1	244	Effective Date *		12 Months After

\* The Effective Date depends on the date of issuance of permit.

The sequence of mining operations will be generally as follows:

- 1) Construction of sediment control structures
- 2) Clearing and grubbing
- 3) Topsoil removal, if required
- 4) Overburden drilling and blasting
- 5) Overburden removal
- 6) Coal Recovery
- 7) Grading
- 8) Revegetation

2. Ponds, impoundments, banks, dams and embankments. (780.25)

- (a) Submit a general plan which complies with Section 780.25 (a)(1) for each proposed sedimentation pond, water impoundment, and coal processing waste bank, dam or embankment to be located within the proposed permit area.

[See Attachment III-B-2-A](#)

- (b) Submit detailed design plans, which comply with Sections 780.25(a)(2)(3) and 816.46, for each sedimentation pond to be constructed on the increment you currently propose to mine. If the sediment pond is to remain as a permanent water impoundment, design plans shall also comply with Section 816.49.

[See Attachment III-B-2-A](#)

- (c) Submit detailed design plans which comply with Sections 780.25(a) (2&3) and 816.49, for each temporary or permanent water impoundment to be constructed on the increment you currently propose to mine.

[See Attachment III-B-2-A](#)

- (d) Submit detailed design plans, which comply with Section 780.25(a) (2&3) and 816.81-816.85, for coal mine waste bank to be constructed on the increment you currently propose to mine.

None Proposed

- (e) Submit detailed plans which comply with Sections 780.25 (a)(2&3) and 816.91-816.93 for each coal mine waste dam and embankment to be constructed on the increment which you currently propose to mine.

None Proposed

**GENERAL ENGINEERING PLAN CERTIFICATION STATEMENT**

I, Jordan McGehee, a licensed professional engineer, hereby certify that the information, cross-sections, data, maps, etc., contained in this general plan in Attachment III-B-2-A is true and correct to the best of my knowledge and belief.

**McGehee Engineering Corp.**

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Jordan McGehee

AL. Reg. No. 37129

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Date

**ADDENDUM TO THE GENERAL PLAN**

This addendum to the general plan consists of changing the post mining land use of Sediment Basin 029 from temporary (undeveloped/no current use) to permanent (fish & wildlife habitat). Additional data qualifying all basins proposed as permanent water impoundments will be submitted and approved by the Regulatory Authority prior to a Phase II bond release.

See previously approved Watershed Map for basin location.

**GENERAL DESIGN DATA**

<b>SEDIMENT BASIN</b>	<b>LOCATION</b>	<b>DRAINAGE AREA ACRES</b>
Sediment Basin 029	SE/NW of Section 19, T14S, R5W	17.0

The basin is located in Walker County, Alabama and is found on the Sipsey Quadrangle.