

BEST COAL, INC.

NARLEY MINE, P-3850, R-12

ALABAMA SURFACE MINING COMMISSION
SURFACE MINING PERMIT APPLICATION

P A R T I I I

Prepared by:

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PART III - OPERATION PLAN

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

- | | | |
|-------------------|--------------------|--------------------|
| - Backhoes | - Blast hole drill | - Trackhoes |
| - Offroad Haulers | - Service Trucks | - Bulk Anfo Trucks |
| - Loaders | - Dozers | |

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)

See [Operation Plan Map](#)

The timing increments are as follows:

<u>Increment No.</u>	<u>Acres</u>	<u>Dates</u> <u>From</u>	<u>To</u>
6	40.0	Issuance of Permit	End of Permit
1	78.0	Reclamation Phase	
2	62.0	Reclamation Phase	
4	180.0	Effective Date *	12 Months After
3	158.0	Effective Date *	12 Months After
5	93.0	End of Increment 4	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

OPERATION PLAN

Revision R-12 proposes add 40 additional mining acres to Increment No. 4. The operation plan is revised to add additional cuts within the area being added. The cut alignment will remain the same.

INCREMENT NO. 1 AND NO. 2

Mining complete.

INCREMENT NO. 3

Mining complete.

INCREMENT NO. 5

Increment No.5 will be mined as previously approved.

INCREMENT NO. 4

Mining within Increment No. 4 will continue in cut 4-1 on the current highwall. Material from cut 4-1 will be spoiled to the north off coal into the previously mined cut. Mining will then advance to the southeast and continue into cut 4-2. Material from cut 4-2 will be spoiled to the north into previously mined cut 4-1. Mining will continue in this manner advancing to the southeast in numerical order, spoiling to the north into previously mined cuts. Mining in Increment No. 4 will be completed with cut 4-11. See Operation Plan Map.

3. Attach a narrative explaining the construction modification, use, maintenance, and removal of the following facilities: (780.11)

(a) Coal removal, handling, storage, cleaning and transportation structures and facilities;

See original permit.

(b) Spoil, coal mine waste and non-coal mine waste removal, handling, storage, transportation and disposal structures and facilities;

See original permit.

(c) Mine facilities; and

See original permit.

(d) Water pollution control facilities.

See Attachment III-B-2-A and original permit.

B. Engineering Plans.

All cross sections, maps and plans related to operations, reclamation and structures must comply with Section 780.10. Plans, appropriate calculation and conclusions shall be presented in a clear and logical sequence and shall take into account all applicable factors necessary to evaluate the proposed plan or design.

1. Existing Structures. (780.12, 786.21)

- (a) Describe each existing structure to be used, its location, current condition, approximate dates of construction and evidence (including relevant monitoring data) showing whether or not the structure meets the performance standards of Subchapter K or Subchapter B, whichever is more stringent and demonstrate whether or not the use of existing structures will pose a significant harm to the environment or public health or safety.

Not Applicable

- (b) If an existing structure requires modification or reconstruction to meet the performance standards, attach a compliance plan that includes design specifications, construction schedule, monitoring procedures, and evidence that the risk of harm to the environment or public health or safety is not significant during modification or reconstruction.

Not Applicable

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, Bradley K. Simmons, a registered 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.

Bradley K. Simmons, P.E.

Alabama Reg. No. 33277

Date

GENERAL PLAN

This addendum to the general plan consists of adding 40 mining acres within the drainage area of Sediment Basin 026. This addendum addresses the effects the additional mining area will have on existing Sediment Basin 026.

BASIN 026

The Phase II design plans for Basin 026 are being modified with this revision due to the addition of 40 mining acres within its drainage area. See attached [Sediment Basin 026 Modification Design Plans](#).

Basin 026 is proposed as temporary. Detailed removal plans for Basin 026 will be submitted and approved by the Regulatory Authority prior to a Phase II bond release.

All surface drainage from the proposed mining area drains into Trouble Creek and Whites Creek, which flow into the Locust Fork of the Black Warrior River.

GENERAL DESIGN DATA

SEDIMENT BASIN	LOCATION	DRAINAGE AREA ACRES
026P	NW/SE of Section 24, T15S, R4W	281

All basins are located in Jefferson County, Alabama on the Brookside U.S.G.S. Quadrangle.

See [Watershed Map](#).