

**PROSPECT MINING AND DEVELOPMENT COMPANY, LLC
CARBON HILL MINE, P-3919, R-12**

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**ALABAMA SURFACE MINING COMMISSION
SURFACE MINING PERMIT APPLICATION**

PART III

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)
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>Dates</u> | |
|-----------------------------|---------------------|---------------------|-------------|
| | | To | From |
| 1 | 110.0 | Effective Date* | 12 Months |

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

The sequence of mining operations will be generally as follows:

- 1) Excavation of reclaimed highwall
- 2) Prepare storage and stockpile areas
- 3) Drive initial entries

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

1. Coal removal, handling, storage, cleaning and transportation structures and facilities;

No Change From Original Permit

2. Spoil, coal mine waste and non-coal mine waste removal, handling, storage, transportation and disposal structures and facilities;

See Attachment III-A-3

3. Mine facilities; and

No Change From Original Permit

4. Water pollution control facilities;

No Change From Original Permit

**PROSPECT MINING AND DEVELOPMENT COMPANY, LLC
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ATTACHMENT III-A-3**

**SPOIL, COAL PROCESSING WASTE AND NON-COAL WASTE REMOVAL,
HANDLING, STORAGE, TRANSPORTATION AND DISPOSAL STRUCTURES AND
FACILITIES**

Coarse Refuse Pile No. 1

Coal processing and coarse refuse production at this mine site is completed and reclamation of Coarse Refuse Pile No. 1 has commenced. The current approved reclamation plan is for four (4) feet of cover material. This revision requests exemption of Rule 880-X-10D-.36(3)(e) to reduce the amount of cover material required from 4 feet to 2 feet for Coarse Refuse Pile No. 1.

See attached [Coarse Refuse Pile No. 1 modification.](#)

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1. 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 Sections 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.

[See attachment III-B-2\(a\)](#)

- (e) Submit detailed design 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.

[See attachment III-B-2\(a\)](#)

**PROSPECT MINING AND DEVELOPMENT COMPANY, LLC
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ATTACHMENT III-B-2(a)**

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.

Simmons-Johnsey Engineering, LLC

Bradley K. Simmons, P.E.
Alabama Reg. No. 33277

Date

**PROSPECT MINING AND DEVELOPMENT COMPANY, LLC
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ATTACHMENT III-B-2(a)**

ADDENDUM TO THE GENERAL PLAN

This amendment to the General Plan consists of deleting undisturbed/not constructed Sediment Basin 011, 012, Slurry Impoundment No. 1, and Slurry Impoundment No. 4.

Slurry Impoundment No. 1 & 4

These impoundments are being deleted as undisturbed. Mining operations are complete, and no additional slurry disposal is necessary.