

**BLACK WARRIOR MINERALS, INC.**

MINE NO. 1, P-3950

ALABAMA SURFACE MINING COMMISSION  
SURFACE MINING PERMIT APPLICATION

**P A R T   I V**

Prepared by:

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**PART IV - RECLAMATION PLAN**

**A. Postmining Land Use.**

(1) Describe the proposed postmining land use(s) for the permit area. If more than one land use is proposed, show on a map and give acreage for each use. Include comments from the legal owner of record concerning the proposed land use. Landowner comment letters are forth coming. (780.23, 816.133)

<u>Increment</u>	<u>Area</u>	<u>Land Use</u>
<b>1</b>	77 Acres 1 Acres	Undeveloped/No Current Use Permanent Water Impoundments (Fish and Wildlife)
<b>2</b>	33 Acres 0 Acres	Undeveloped/No Current Use Permanent Water Impoundments (Fish and Wildlife)
<b>3</b>	69 Acres 1 Acres	Undeveloped/No Current Use Permanent Water Impoundments (Fish and Wildlife)
<b>4</b>	0 Acres 0 Acres	Undeveloped/No Current Use Permanent Water Impoundments (Fish and Wildlife)
<b>5</b>	0 Acres	Undeveloped/No Current Use
<b>6</b>	16 Acres 11 Acres	Undeveloped/No Current Use Permanent Water Impoundments (Fish and Wildlife)
<b>Total Permit Area</b>	<b>208 Acres</b>	

Totals by Land Use	Undeveloped	= 195 acres
	Permanent Water Impoundments	= 13 acres

See attached [Land Use Map](#).

**B. Grading and Contouring**

(1) Enclose detailed plans with appropriate cross sections, or maps which satisfy the requirements of Section 780.18(b)(3&4).

See Attached [Permit Map](#) and Supplemental Reclamation Cross-Sections [EW-1, EW-2, SN-2 and B-B](#)

(2) Complete the following timetable: [780.18 (b) (1)]

Increment	# months after operation begins	% of increment or permit which will be graded and contoured
1	6.0 months	0%
	9.0 months	25%
	12.0 months	50%
	15.0 months	75%
	18.0 months	100%

Increment	# months after operation begins	% of increment or permit which will be graded and contoured
2	18.0 months	0%
	21.0 months	25%
	24.0 months	50%
	27.0 months	75%
	30.0 months	100%

Increment	# months after operation begins	% of increment or permit which will be graded and contoured
3	30.0 months	0%
	33.0 months	25%
	36.0 months	50%
	39.0 months	75%
	42.0 months	100%

\*NOTE: Grading and contouring overburden shall follow coal removal by no more than 180 days.

**BLACK WARRIOR MINERALS, INC.**  
**MINE NO. 1, P-3950\_R-7\_**

Increment	# months after operation begins	% of increment or permit which will be graded and contoured
4	42.0 months	0%
	45.0 months	25%
	48.0 months	50%
	51.0 months	75%
	54.0 months	100%

Increment	# months after operation begins	% of increment or permit which will be graded and contoured
5	42.0 months	0%
	45.0 months	25%
	48.0 months	50%
	51.0 months	75%
	54.0 months	100%

Increment	# months after operation begins	% of increment or permit which will be graded and contoured
6	42.0 months	0%
	45.0 months	25%
	48.0 months	50%
	51.0 months	75%
	54.0 months	100%

\*NOTE: Grading and contouring overburden shall follow coal removal by no more than 180 days.

- (3) On appropriate map(s), show representative values for the following: (780.18(b)(3), 816.102)

See Attached [Permit Map](#)

Supplemental Reclamation Cross-Sections [EW-1, EW-2, SN-2 and B-B](#)

- (a) Percent of slope before mining; and

Inc. No. 1	Inc. No 2
Average Slope - 24.0%	Average Slope - 24.5 %
Maximum Slope - 28.0%	Maximum Slope - 38.0 %
Inc. No. 3	Inc. No 4
Average Slope - 23.1%	Average Slope - 20.0 %
Maximum Slope - 33.0%	Maximum Slope - 33.0 %
Inc. No. 5	
Average Slope - 23.5%	
Maximum Slope - 33.0%	

- (b) Proposed post-mining slope including final slope of the highwall(s) in percent.

\*Post Mining Slope:

Inc. No. 1 - 24.0 %  
Inc. No. 2 - 24.5 %  
Inc. No. 3 - 23.1 %  
Inc. No. 4 - 20.0 %  
Inc. No. 5 - 23.5 %

Final Highwall Slope - 33.0%

- (4) Complete the following:

- (a) Is the mining operation to be conducted on a pre-existing (prior to August 3, 1977) highwall?

Yes ( ) No

- (b) Is the operation of such limited slope as to not generate enough material to completely backfill the re-affected or enlarged highwall?

( ) Yes  No

If Yes, provide analysis to show maximum extent of backfilling possible.