



June 4, 2026

Stephen Miles, P.E.
Alabama Surface Mining Commission
P.O. Box 2390
Jasper, AL 35502-2390

RE: **Prospect Mining and Development Company, LLC**
Carbon Hill Mine, P-3919, R-12
Coarse Refuse Pile No. 1 Detailed Modification Plans

Dear Mr. Miles:

I, hereby certify that the information, cross-sections, data, maps, etc., contained in the modification of Coarse Refuse Pile No. 1 is true and accurate to the best of my knowledge and belief. These plans at Carbon Hill Mine meet or exceed all applicable parts of 880-X-10D-.36, pertaining to the disposal of coal mine waste.

If you have any questions or need additional information, please contact our office.

Sincerely,

Simmons-Johnsey Engineering, LLC

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

PROSPECT MINING AND DEVELOPMENT COMPANY, LLC

CARBON HILL MINE

COARSE REFUSE PILE NO. 1

DETAILED MODIFICATION PLANS

ATTACHMENT III-B-2-D

PREPARED BY

SIMMONS-JOHNSEY ENGINEERING, LLC

407 9TH Ave

Jasper, Alabama 35501-3431

Telephone (205) 522-2057

INTRODUCTION

Coal processing and coarse refuse production at this mine site are completed and reclamation of Coarse Refuse Disposal Area No. 1 has commenced. The current approved reclamation plan is for four (4) feet of cover material. Prospect Mining and Development Company, LLC. is requesting an exemption of Rule 880-X-10D-.36(3)(e) to reduce the amount of cover material required from 4 feet to 2 feet.

Coarse Refuse Disposal Area No. 1 has never had any issue with acid-base throughout its life. See attached quarterly Acid-Base results of the coarse refuse material for the past 3 years showings the great quality neutralization potential and acid-base account.

RECLAMATION AND REMOVAL REQUIREMENTS

1. Upon final placement of the fill material, the site will be graded to conform with the approved plans and enclosed cross-sections prior to revegetation. Final grading and reclamation will commence no later than six (6) months after final placement of fill material. The final downstream slope of the fill will be graded so no slope will exceed 3.0 horizontal to 1.0 vertical to ensure instability.
2. Upon completion of the fill sites, the entire fill area will be covered with two (2) feet of the best available, nontoxic and noncombustible material fertilized, seeded, and mulched, in accordance with the approved reclamation plan found in Part IV of the permit application, to stabilize the area and prevent erosion. Soil amendments will be added as necessary to improve growth and coverage of vegetation.
3. The final configuration of the fill will blend with the adjacent areas and will be suitable for the approved post mining land use.
4. Plans for the removal of these structures are unnecessary due to the fact that Coarse Refuse Disposal Area No. 1 is permanent.

ACID-BASE DATA