

EXPLORATION TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

JK

October 10, 2006

TO: Internal File

THRU: Stephen J. Demczak, Reclamation Scientist/Engineering, Team Lead *SGD by an*

FROM: Priscilla W. Burton, CPSSc, Environmental Scientist/Soils *PWB by an*

RE: Minor Coal Exploration, Consolidation Coal Company, Emery Deep, C/015/0015, Task ID #2670

SUMMARY:

Consolidation Coal Company plans to drill three exploratory holes during Fall 2006. Two will be on Consol property and one will be on John and Vickie Byars' surface. The drill pads will be reclaimed immediately after drilling. The surface access agreement is provided in Appendix E.

EXPLORATION TECHNICAL ANALYSIS:

COAL EXPLORATION

Regulatory Reference: R645-200.

OPERATIONAL STANDARDS

Regulatory Reference: 30 CFR 772.13; R645-202-100.

Analysis:

Acid- or toxic forming materials

Permittee was notified that the drill logs and chemical analyses required by R645-301-624.300 for the First North IBC and future expansion represented by these cores should be provided to the Division.

EXPLORATION TECHNICAL MEMO

Soil Handling

Brattice cloth will be laid down within the pad area to protect in-situ soil. Topsoil will only be disturbed if grading work is required (other than plant grubbing) is required to level the pad). No such grading is anticipated, due to the level sites chosen (see photographs in App A.).

Findings:

The Permittee meets the minimum requirements for exploratory drilling.

RECLAMATION STANDARDS

Regulatory Reference: 30 CFR 772.13; R645-202-200.

Analysis:

Sites will be reclaimed immediately after drilling. The topsoil will be replaced or the site soils will be roughened using a disc. Seed will be broadcast. The native seed mix is given on page 5 of the application.

Findings:

The Permittee meets the minimum requirements for exploratory drilling.

RECOMMENDATIONS:

The applicant has met the minimum requires of conducting Minor Coal Exploration.