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ACT 10  
015  
Mine Site  
S. Linnell

United States  
Department of  
Agriculture

Forest  
Service

Manti-LaSal  
National Forest

599 West Price River Drive  
Price, Utah 84501

Reply to: 2820

Date: November 5, 1986

RECEIVED  
NOV 10 1986  
DIVISION OF  
OIL, GAS & MINING

Mr. Rick Holbrook  
OSM - Reclamation and Enforcement  
Brooks Towers  
1020 15th Street  
Denver, Colorado 80202

Dear Mr. Holbrook:

The Manti-LaSal National Forest has reviewed the Tract 1 Mining and Reclamation Plan for Genwal Coal Company's Crandall Canyon Mine Mid-Term Review. Our comments are as follows:

1. Section 3.2.1

The discussion on how Forest Development Road 50248 will be administered within the permit area is confusing. Use and maintenance of this road, both within and outside the permit area, is under jurisdiction of the Forest Service and all work and maintenance must be consistent with the road-use permit.

The topsoil stockpiles located off of the permit area on National Forest System lands, will be authorized by a special-use permit. Measures taken to protect the stockpiles from erosion and contamination will be approved by the Forest Service.

2. Section 3.2.8

The only discussion in this section is to refer to the Chapter 3 Appendix. Except for Plate III-1, which shows the surface facilities, there is no other discussion. The reference should direct the reviewer specifically to the plate and to the hydrology section in Chapter 7.

We have a concern with the 42" culvert that was installed at the west end of the permit area. The pipe has several horizontal and vertical direction changes rather than installed in a straight line as shown on Plate III-1. If the drainage could produce the 80 to 100 cfs to cause the pipe to run full, anchoring may not be adequate to withstand the thrust forces produced.

3. Section 3.2.10

Forest Service and public traffic will also utilize the Forest Development Road from the truck turn-around area to the main pad area and beyond to the Forest visitor parking area.

4. Plate 3-1

The berm along the south edge of the Forest Development Road, shown on the July 3, 1986, version of this plate, was removed to provide adequate drainage for the road. The plate should be revised to reflect this change.

The area identified as Forest Service Parking should be labeled Forest Visitor Parking.

Section 3.4.6.1 states that no powerlines will be constructed because a mobile generating unit will supply power to the mine site. Genwal Coal Company has started construction of a suspended power transmission line. This plate and the narrative must be amended to include this facility.

5. Section 3.3.2.2

This discussion should state that the coal seam does not lie under any stream or structure, rather than stating that no stream or structure lies under the coal seam.

6. Section 3.3.9.2

The Forest Service will not allow potentially contaminating solid wastes, such as oil-contaminated material, oil cans, metal scraps, and belting, to be disposed of underground.

7. Section 3.5.2

The word grazing should be replaced with the word growing.

The narrative says that the stockpiles will be located within the permit area. The soil stockpile areas shown on Plate 3-8 are outside the permit area and will be authorized by a Forest Service special-use permit.

8. Plate 3-F

This plate needs a north arrow and some means to correlate the underground workings with the surface location.

9. Item 3-9

The October 24, 1985, letter from DOGM to Genwal Coal Company states that excess spoils and/or coal-processing waste must be disposed of within the permit area in accordance with UMC 817.71. Detailed plans are needed for our evaluation.

10. Section 7.2.3.1

The United States of America - Forest Service claims instream flows in Crandall Canyon immediately below the point of diversion for Genwal Coal Company's mining operation. The quantification of these flows was filed with the Seventh Judicial District Court of Utah on August 19, 1983, as a part of the adjudication of the San Rafael River Basin. These waters are needed to fulfill the purposes of the National Forest as described in the

Organic Act of August 19, 1897, and the Multiple Use-Sustained Yield Act of June 12, 1960. These waters are needed to preserve and restore the natural and beneficial uses of floodplains under Executive Order 11988.

One claim is given under the Organic Act (Exhibit 1) and a second claim is given under the Multiple Use-Sustained Yield Act. Enough water is needed to fulfill both purposes, but the two claims are not additive. A composite of these flows must be prepared.

The claims presented here are for the mouth of Crandall Canyon and may be extrapolated upstream by the formula given in paragraphs 6a and 6b of Exhibit 1.

Since Genwal Coal Company diverts water from Crandall Creek for mine use, they must assure that minimum instream flows are maintained below their diversion point.

11. Section 9.4

Sensitive plant *Hedysarum occidentale* var. *canone* has been located adjacent to the permit area and may, in fact, be in the permit area. This section nor the Vegetation and Terrestrial Wildlife Report included as Item 9-1 discuss this plant.

12. Section 12.4.3

We want to reiterate the fact that Genwal Coal Company is operating under a set of lease stipulations that contain requirements for mitigation of subsidence effects.

13. Section 9.5

There may be some long-term effects to vegetation due to subsidence and the related effects to ground and surface water. Effects to water may start a chain of effects to other surface and subsurface resources. Resources must be monitored as required by lease stipulations to determine and quantify any such effects.

We have not routinely received copies of all water monitoring reports. It will be necessary for the coal companies to submit a copy directly to the Forest, or for OSM or the Division of Oil, Gas and Mining to forward a copy to the Forest.

Sincerely,

  
for  
REED C. CHRISTENSEN  
Forest Supervisor

Enclosures

**Instream Flow Right:**

- 1. National Forest: Manti-LaSal
- 2. Stream : Crandall Canyon (6)
- 3. Priority Date : 5/29/1903
- 4. Location of Primary Quantification Point:
  - a. General: Crandall Canyon near the mouth at the USGS gage site.
  - b. Legal : Said point being south 1400 feet more or less and east 1,350 feet more or less from the NW corner, Section 4, T16S, R7E, SLB&M.

5. Instream Flow - Primary Point: A continuous instream flow equivalent to 3,390 acre-feet (primary instream flow volume) at the primary point of quantification described in paragraph 4, above, defined and distributed as follows:

- a. Day 1. The day flow attains a rate of 6.5 c.f.s. and equals or exceeds that rate for 24 hours, but in no event earlier than April 20, shall be deemed Day 1.
- b. Minimum Flow Rates. The rate for Day 1 and for each and every succeeding day or period throughout the entire year as follows:

Duration		CFS
DAY	1 thru 7	6.5
DAY	8 thru 14	7.2
DAY	15 thru 21	13
DAY	22 thru 28	20
DAY	29 thru 35	27
DAY	36 thru 41	34
DAY	42	29
DAY	43	25
DAY	44	20
DAY	45	16
DAY	46	12
DAY	47	7.6
DAY	48 thru DEC 31	3.1
JAN	1 until DAY 1	3.1

6. Instream Flow - supplemental points: A continuous instream flow at all other points (supplemental points) on Crandall Canyon and its named and unnamed tributaries computed as follows:
  - a. Supplemental Minimum Instream Flow Volume: Calculate 51 percent of the total annual yield (volume in acre-feet) attributable to the drainage area above the supplemental point.
  - b. Supplemental Minimum Instream Flow Rates: Multiply the minimum rates for Day 1 and each time period in paragraph 5.b., above, by the supplemental minimum instream flow volume computed in 6.a., above, and divide by 3,390 acre-feet (the primary minimum instream flow volume).
7. In the event the natural flows do not attain the rates decreed above, the United States shall be entitled to the natural flows actually occurring during the periods described in paragraphs 5.a. and 6.a., above.

~~8.~~



