

10-12-88
0023



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DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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Salt Lake City, Utah 84180-1203
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INSPECTION REPORT

INSPECTION DATE & TIME: 9/23/88
11 a.m. to 4 p.m.

Permittee and/or Operators Name: Summit Coal Company
Business Address: P.O. Box 646, Coalville, Utah 84017
Mine Name: Boyer Mine Permit Number: ACT/043/008 7022
Type of Mining Activity: Underground Surface Other
County: Summit
Company Official (s): Jack Blonquist
State Official(s): Harold G. Sandbeck, Lynn Kunzler
Partial: Complete: Date of Last Inspection: 8/23/88
Weather Conditions: Clear and warm
Acreage: Permitted 170 Disturbed 5.5 Regraded Seeded Bonded 5.5
Enforcement Action: C88-27-1-1 (See 4b) and N88-27-5-1 (See 6)

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	(XX)	()	()	(XX)
2. SIGNS AND MARKERS	(XX)	()	()	()
3. TOPSOIL	(XX)	()	()	()
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	(XX)	()	()	()
b. DIVERSIONS	()	(XX)	()	(XX)
c. SEDIMENT PONDS AND IMPOUNDMENTS	(XX)	()	()	()
d. OTHER SEDIMENT CONTROL MEASURES	(XX)	()	()	(XX)
e. SURFACE AND GROUNDWATER MONITORING	(XX)	()	()	(XX)
f. EFFLUENT LIMITATIONS	(XX)	()	()	()
5. EXPLOSIVES	()	()	(XX)	()
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	()	(XX)	()	(XX)
7. COAL PROCESSING WASTE	()	()	(XX)	()
8. NONCOAL WASTE	(XX)	()	()	()
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	(XX)	()	()	()
10. SLIDES AND OTHER DAMAGE	(XX)	()	()	()
11. CONTEMPORANEOUS RECLAMATION	(XX)	()	()	(XX)
12. BACKFILLING AND GRADING	(XX)	()	()	()
13. REVEGETATION	(XX)	()	()	(XX)
14. SUBSIDENCE CONTROL	(XX)	()	()	()
15. CESSATION OF OPERATIONS	()	()	(XX)	()
16. ROADS				
a. CONSTRUCTION	(XX)	()	()	()
b. DRAINAGE CONTROLS	(XX)	()	()	()
c. SURFACING	(XX)	()	()	()
d. MAINTENANCE	(XX)	()	()	()
17. OTHER TRANSPORTATION FACILITIES	()	()	(XX)	()
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	()	()	(XX)	(XX)

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PERMIT NUMBER: ACT/043/008

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(Comments are Numbered to Correspond with Topics Listed Above)

1. Permits.

Stipulation Status

There are sixteen (16) total mine permit stipulations. In this report, a records review will list the status of some stipulations (not all of them). Future inspection reports will continue the records review until all stipulations have been addressed. Following is the status of some these stipulations:

Stipulations UMC 817.42-(1-3)-RS

1. The permittee shall submit revised designs for the catch basin proposed to treat drainage from the coal waste disposal area such that the final design must incorporate valid hydrologic assumptions and criteria and insure compliance with subsection (a)(3) of UMC 817.42. Designs must be submitted within 30 days of permit issuance and be approved by the Division prior to any further initiation of mining activity in the powder and cap magazine and coal waste disposal area.

Status. Refer to Rick P. Summers July 27, 1987 letter to file. Page 3-67 of the response indicates the applicant is withdrawing the proposal for a catch basin as this area will not be used for waste disposal. It is proposed to reclaim this area in the fall of 1987. The requirements of this stipulation have been met.

2. The permittee shall within 30 days of permit issuance submit revised appropriate sections and plates in the MRP to reflect a commitment to retain straw bale (or equivalent) treatment structures at the outlet of culvert C-6. Additionally, the permittee must commit, within 30 days of permit issuance, to sample all discharges from these structures and incorporate the analysis schedule proposed in Table 5-1 for all samples. A commitment to submit results of the analysis to the Division within 30 days of receipt must also be made.

Status. Refer to Rick P. Summers October 22, 1987 letter to the file. The applicant has proposed a catch basin as an alternative to the straw bales proposed in the original MRP. The Division approves the use of the catch basin, but will require straw bales or equivalent for the discharge from this basin until it can be demonstrated (through monitoring) that the catch basin as a sole treatment structure is adequate to maintain effluent limitations. Narrative should be added to the permit reflecting this commitment.

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The applicant has committed to sampling the discharges from the catch basin for the operational parameters in the original MRP (Table 5-1 of Volume 2).

The applicant has committed to the above on pps. 7-4d and has updated plate 7-1. This stipulation has been addressed.

3. Prior to beginning any underground coal mining activities under this permit in the affected drainage area, the applicant must construct the sedimentation system as proposed in the MRP.

Status. This stipulation requires no response from the operator. The stipulation addresses requirements for onsite activity which will be monitored through the Division's enforcement program.

Stipulation UMC 817.43-(1)-RPS. Within 60 days of permit issuance, the permittee shall submit a revised complete and technically adequate design plan for all diversions which incorporates correct hydrologic assumptions and meets the requirements of UMC 817.43.

Status. Refer to Rick P. Summers October 22, 1987 letter to the file. The applicant has revised Tables 7-1 and 7-2 to incorporate values calculated by the Division during the technical analysis stage of permit approval. The applicant must submit maps depicting the correct watersheds referenced for each structure. The Technical Analysis was written with the assumption the notation "M.D." related to riprap size means "median diameter" and not "maximum diameter". This should be stated on all applicable tables with a footnote.

The applicant has submitted a corrected plate depicting the watersheds (plate 7-1). Notation has been added where appropriate in the permit to clarify the use of M.D. as mean diameter. This stipulation has been addressed.

Stipulation UMC 817.49-(1)-RPS. Within 30 days of permit issuance, the permittee shall submit to the Division a commitment to conduct the inspection required by subsection (h) of UMC 817.49 and to submit the results of that inspection to the Division within 30 days following completion of construction of the proposed sedimentation pond.

Status. The applicant has committed to the above. This stipulation has been addressed.

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Stipulation UMC 817.56-(1)-RS. Within 30 days of permit issuance, the permittee shall commit to renovating the permanent diversion labeled as UD-1 prior to final abandonment of the site. The commitment should include intent to ensure the capacity and stability criteria of the proposed design are adequately met and all necessary structural features are in good repair, functional and constructed as per the approved design.

Status. Refer to Rick P. Summers October 22, 1987 letter to the file. The applicant has committed to the above items on 7-4a(1) of section 7.4.2.1. This stipulation has been addressed.

Stipulation UMC 817.46-(1-6)-RPS.

1. Within 30 days of permit issuance, the permittee shall submit to the Division a commitment to maintain a minimum detention time of 24 hours in the sedimentation pond for all 10-yr, 24-hr and lesser precipitation events.

Status. Refer to Rick P. Summers July 27, 1987 letter to the file. Page 7-6a of the response commits to a minimum of 24 hours detention time prior to manual dewatering. The requirements of this stipulation have been met.

2. Within 30 days of permit issuance, the permittee shall submit detailed information regarding the sediment pond clean out. This information should include elevation of 60% volume, elevation of maximum sediment storage volume, location of sediment marker in pond, and a commitment to clearly mark the referenced elevations on the stake.

Status. Refer to Rick P. Summers October 22, 1987 letter to the file. The applicant has provided the necessary information on page 7-6, section 7.2.4.3. of the submittal. This stipulation has been adequately addressed.

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4. Hydrologic Balance:

b. Diversions.

C88-27-1-1

This CO was issued on September 23, 1988 for failure to abate NOV N88-27-2-2. Following is a brief description of events leading up to the issuance of the CO:

N88-27-2-2, 1 of 2 was issued for failure to install the culvert in UD-1 as agreed to in the July 15, 1988 submittal. For additional information refer to the Division letter dated June 13, 1988 regarding permit modification issues.

The operator was informed to install the 36 inch culvert as per the field amendment issued August 23, 1988. The field amendment specifies that the culvert must be constructed out to the county right of way diversion. The operator had until 5:00 p.m. on September 23, 1988 to abate this violation.

As mentioned above, a field amendment was issued to revise the operator's July 15, 1988 modification submittal.

N88-27-2-2, 2 of 2 was issued for failure to maintain diversions in a manner which prevents additional contributions of suspended solids to stream flow and to runoff outside the permit area. The operator must replace/repair the crushed C-6 culvert. Also, the operator must repair a berm and remove rock debris in the UD-2 west diversion. The operator had until 5:00 p.m. on September 23, 1988 to abate this violation.

d. Other Sediment Control Measures. The operator was informed to install sediment control measures at the old portal area before the area reaches an out of compliance situation. At this time a violation is not warranted.

e. Surface and Groundwater Monitoring. The water monitoring was not completed for September. The operator was made aware of this requirement.

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6. Disposal of Development Waste and Spoil. At the temporary storage facility, (which will be located between the truck road entrance and the intake portal) the operator was informed that the stacked waste coal must be one (1) to two (2) feet below the top of the undisturbed drainage berm.

N88-27-5-1

N88-27-5-1 was issued on September 23, 1988 for failure to abide by permit conditions for temporary storage of underground waste. Following is a brief description of events leading up to the issuance of the NOV:

N88-16-1-1 had been issued July 12, 1988 for failure to submit a response to comments relative to the waste rock disposal plan by the approved extension date of June 15, 1988. The operator was required to submit a complete response to Stipulation UMC 817.48-(1-2)-JSL.

The above violation (N88-16-1-1) was terminated August 15, 1988. The operator's submittal confirms that Utelite will purchase all combustible coal waste from the Boyer Mine for use as a product in their operation. Furthermore, Summit Coal Company formally withdraws its application for approval of a waste disposal area.

During the August 23, 1988 inspection, the operator was given a field approved amendment to temporarily store underground development waste on site. The field amendment tracking number is ACT/043/008-88D. The amendment stated that surface facilities will include a storage site to temporarily store (not to exceed 30 days) underground development waste brought to the surface. Furthermore, the existing waste material must be removed from the site or be stored within the storage facility by September 23, 1988 (N88-27-5-1 was issued as discussed above). The temporary storage facility will be located between the truck road entrance and the intake portal [the operator concurs with this location].

11. Contemporaneous Reclamation.

The operator was informed of a number of areas which require reclamation on or before October 15, 1988. Following is a list of the areas:

- * UD-1 buffer zone.
- * Old portal area (mine fire disturbance).

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- * Powder magazine area. The landowner requested a land use change for this area. The operator was informed to submit a written request to the Division to change the land use.
- * Seed the UD-1 culvert area after the culvert has been installed.

13. Revegetation. The operator was reminded to submit the vegetation report which is due September 31, 1988.

18. Support Facilities/Utility Installations. The coal stacking tube appeared to plug up every so often. The operator was advised to check into this minor problem. At this time a violation is not warranted.

Copy of this Report:

Mailed to: Jack Blonquist (Manager), Price Office and Brian Smith (OSM)
Given to: Sue Linner and Joe Helfrich - DOGM

Inspectors Signature and Number:  #27 Date: 9/29/88