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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
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INSPECTION REPORT

INSPECTION DATE & TIME: August 18&19
1987
10:00 to 3:00 and 8:30 to 4:00

Permittee and/or Operators Name: Consolidation Coal Company
Business Address: P.O. Box 527 Emery, Utah 84522
Mine Name: Emery Deep Permit Number: ACT/015/015
Type of Mining Activity: Underground Surface Other
County: Emery
Company Official (s): Ron Thompson
State Official(s): Holland Shepherd, DOGM; Joe Funk, OSM
Partial: Complete: Date of Last Inspection: June 19, 1987
Weather Conditions: clear and sunny
Acreage: Permitted 5180 Disturbed 40 Regraded 2.66 Seeded 247 Bonded 247
Enforcement Action: N87-9-7-3

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

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

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(Comments are Numbered to Correspond with Topics Listed Above)

2. SIGNS AND MARKERS:

The operator was asked by Mr. Funk to construct adequate perimeter markers in the vicinity of the coal storage and refuse storage yard. Mr. Funk indicated that he was not satisfied with the use of a rock barrier as a perimeter marker; since this was inconsistent with the rest of the perimeter markers, which are orange painted roof bolts. Mr. Funk said that he would be issuing a TDN because he considered this to be a noncompliance situation.

4.C. SEDIMENT PONDS:

1. Violation N87-9-7-3, 2 of 3 was issued as a result of severe erosion to pond # 5's northeast embankment. Pond # 5 is located just southeast of the evaporation lagoon and acts to collect drainage from the proposed preparation plant area. The diversion which channels water into the pond at this point had been breached or short circuited above and below the gabion structure which armors it. Even though the diversion or pond inlet had been armored it was inadequate to contain the volume of water which flowed through it during a recent (the week before this inspection), large thunderstorm.

The operator has been required to reconstruct the pond inlet by September 30, 1987. I indicated to the operator that if he could prove the fact of an event storm in that area, causing the damage, the violation could be vacated.

Copy of this Report:

Mailed to: Ron Thompson, Donna Griffin

Given to: Joe Helfrich

Inspectors Signature and Number: Holland Shepherd #9 Date: 8-31-87

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2. Sediment pond inspections are current through 6-25-87. Ponds 1,2,3,5 and the Reverse Osmosis pond are inspected quarterly. The operator indicated no problems on these inspections.

3. The operator provided the inspectors with pond certifications on all ponds which have been built on the site. The certifications were completed 12-9-83.

4. I asked the operator to clean up debris from the edge of pond # 3 in the coal storage and refuse storage area.

4.E SURFACE AND GROUNDWATER MONITORING:

1. The operator was issued violation N87-9-7-3, 1 of 3 for failure to collect groundwater monitoring data in a manner approved by the Division. The operator was not able to collect groundwater data from four different wells in 1986 and 1987. In September of 86 wells Bryant and TIBG were missed. In May of 87 wells Lewis, Bryants, and IU2 were missed. The operator had not documented an explanation for the failure to collect this information in a log or, more importantly, the quarterly monitoring report.

According to the operator these wells Lewis and Bryants are on private land and there has been some problem with the landowners paying utility bills. Power has been cut off and the pumps used at these wells have become inoperable. As a result no water is available to be sampled. The operator indicated that the other two wells had been inaccessible.

No remedial action was required for the abatement of this violation.

2. All other surface and groundwater monitoring data is current through 7-27-87.

4.f. EFFLUENT LIMITATIONS:

The operator maintains copies of the NPDES discharge monitoring reports through June of 87. The only discharge point to discharge during the 2nd quarter of 87 was point 001, the mine water pond. This point discharges almost continually. No effluent limitations were recorded.

Inspectors Signature and Number: Holland Shepherd #9 Date: 8-31-87

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9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES;

Violation N87-9-7-3, 3 of 3 was written because of an exposed or unprotected vent shaft. The vent shaft is located in the vicinity of the operation's proposed preparation plant. The shaft is flush with the ground, vertical, and 18 inches in diameter. The shaft has been left uncovered by the operator which violates UMC 817.13.

The operator was given until the end of September to remedy this problem. During a follow up phone conversation with the operator two days after the inspection, Mr Thompson indicated that the vent hole had been covered.

12. CESSATION OF OPERATIONS:

The operator showed the inspectors a letter addressed to the Division indicating that the mine would go into cessation the first week of July 1987. The letter was dated 7-6-87. The operator was advised that the information in future letters should be more closely formatted to the requirements of UMC 817.131.

18. SUPPORT FACILITIES:

Upon inspection of the south coal storage yard, Mr. Funk indicated that the dike which separates the yard from Quitchupah Creek was not constructed according to the approved plans. Apparently the plans call for the top width of this particular dike to be 10 feet. Sections of the dike were found to have a 2 foot width.

Mr. Funk indicated to me that he would write a TDN addressing the above problem.

Inspectors Signature and Number: Holland Shepherd #9 Date: 8-31-87