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File

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
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ACT/015/017
3/21/85

INSPECTION REPORT

Permittee and/or Operators Name: Utah Power & Light Co. / Emery Mining Corp
Business Address: P.O. Box 899, Salt Lake City, UT 84110 / P.O. Box 310, Huntington, UT 84528
Mine Name: Des-Bee-Dove Permit Number: ACT/015/017
Type of Mining Activity: Underground X Surface ___ Other ___
County: Emery
Company Official(s): Val Payne (Emery Mining)
State Official(s): Dave Lot & Phil Ralphs
Inspection Date and Time: 3/21/85 8:00 a.m. - 10:00 am and 1:00 pm - 3:00 pm
Partial: ___ Complete: X Date of Last Inspection: 12/12/85
Weather Conditions: Sunny & Mild
Acreage: Permitted 2580 Disturbed 47 Regraded 0 Seeded — Bonded 47
Enforcement Action: None

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	Comments
1. PERMITS	X			X
2. SIGNS AND MARKERS	X			X
3. TOPSOIL	X			
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	X			X
b. DIVERSION'S	X			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			X
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	X			X
7. COAL PROCESSING WASTE			X	
8. NONCOAL WASTE	X			
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	X			
10. SLIDES AND OTHER DAMAGE			X	
11. CONTEMPORANEOUS RECLAMATION			X	
12. BACKFILLING AND GRADING			X	
13. REVEGETATION	X			X
14. SUBSIDENCE CONTROL	X			X
15. CESSATION OF OPERATIONS			X	
16. ROADS				
a. CONSTRUCTION	X			
b. DRAINAGE CONTROLS	X			X
d. SURFACING	X			
e. MAINTENANCE	X			
17. OTHER TRANSPORTATION FACILITIES	X			
18. SUPPORT FACILITIES AND UTILITY INSTALLATIONS	X			

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COMMENTS

(Comments are Numbered to Correspond with Topics Listed Above)

1) Permits: - Operator received permanent program approval from the Division on 8/15/85.
- To date, all Permit Stipulations have been met by the Operator.

3) Signs and Markers: - The Operators, comlete I.D. Sign was Posted at the Permit Boundary Gate.
- Perimeter markers were present around entire disturbed area.

4.a) Stream Channel Diversions: - There are no stream diversions, nor undisturbed diversions at the mine site. All runoff from cliffs above the site is routed to the sediment pond, or in the case of the Deseret & Little Dove Pads is routed back into the Portals and is utilized in the mining operations.

b) Diversions: - All disturbed area runoff diversions appeared to be functioning properly, and runoff was being diverted to the sediment pond. The Operator needs to clean-out the drop drain located on the Beehive Pad (the drain appears to be functioning as is, since there is no sign of ponding on the Pad).
- The berm on the southern corner of the substation-pad needs maintenance. In it's present state it is marginal.

c) Sediment Pond's and Impoundments: - Apparently there is a leak in the stand-pipe of the sediment pond. (This was noted in the 4th Quarter, 1985 NPDES Report.) The discharge from the pond, because of the leak, was estimated at < 1 gpm. A water sample was taken of the discharge and split with Val Payne. Mr. Payne also requested we take a sample of the receiving stream (Grimes Wash) which had an estimated flow rate of 1-2 gpm. Mr. Payne was given this sample for analysis of TDS. The flow from the pond discharge was completely absorbed into the alluvium approximately 20 feet from the end of the culvert outlet, and was not reaching the receiving stream
- The pond embankment appears stable (no slumping or tension cracks).
- The pond was estimated to be a little less than half filled with water.
- Sediment Pond Quarterly Inspection Reports were available through the 4th Quater, 1985. Nothing of concern was noted in reports.
- "As-Built" Pond Certification Signed by Larry Guymon 1-11-85.

Copy of this Report:
Mailed to: Donna Griffin (OSM), Val Payne (Emery Mining)
Given to: Joe Helfrich and Dave Lof (DOGM)

Inspectors Signature and Number: Philip Ralphs #10

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4.e) Surface & Ground Water Monitoring: - The Des-Bee-Dove Mine workings are dry. Therefore, no ground water monitoring data has been collected.

4.f) Effluent Limitations: - The Operator has an approved NPDES Permit, No. UT-0023591, for the Sediment Pond. This permit was approved on 3/29/82 and Expires on 12/31/86.

- The Operator submitted 4th Quarter, 1985 Monitoring Report ~~on~~ to the EPA, Utah Dept. of Health (UDOH) and the Division on 1/8/86. All parameters were within Effluent limitations with the exception of TDS, which had a reported value of 11,506 mg/l. (effluent limitation for TDS is 700 mg/l, per NPDES Permit). This sample was taken on 12/2/85. The operator received the results on 12/10/85 and the UDOH was notified on 12/12/85. The Operator was advised to send a ~~letter~~ Notification of Noncompliance to the Division as well as UDOH.

- ~~The reason for~~ The discharge during the 4th Quarter was due to a small leak in the stand-pipe. (This was discussed above under comment 4.c). The Operator will repair the leak once the pond water elevation is low enough to allow work.

5.) Explosives: A review of the Operator's Blasting Records revealed that the last occurance of surface blasting at the Site was in February, 1985. A total of six blasts were recorded. The records were deemed complete and in compliance. All blasts were supervised by licensed Blasters Harry Guymon #4302 and Hollis Muncy #803. All blasts were conducted during daylight hours. There are no dwellings, nor buildings in the vicinity of where the blasts occured. (none within one-half mile).

6.) Disposal of Development Waste and Spoil: - Waste rock from this site is hauled to the Operator's Waste Rock Disposal Embankment located at, and Permitted under, the Operator's Wilberg Mine. (See Wilberg Mine Inspection Report conducted this same day for further details regarding the Waste Rock Disposal Site.)

13.) Revegetation: Mr. Payne was advised to complete Temporary Revegetation of the repaired erosion problem area adjacent to the Sub-station pad. This erosion problem

Inspectors Signature, Number and Date: Philip M Lafferty, #10, 3/31/86

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area was the result of excesive runoff coming off the East Mountain Access Road. The runoff, erosion and repair measures implemented were discussed in an earlier Inspection Report dated 6/17/85.

14) SUBSIDENCE CONTROL: - The Operators Annual Subsidence Monitoring Report will be submitted to the Division as part of the Operators Annual Report, which is due on 3/31/86.

16.b) ROAD DRAINAGE CONTROLS: - Mr. Payne was advised to install a silt-fence, in addition to the present "straw-bale filter", installed to control the road runoff from the main access road. The straw-bale filter is located ~~no~~ on the Access road near the Operator's Access gate. The silt-fence would act as an added protective measure. The straw-bale filter is ~~presently~~ functioning properly as is.
- Approval of the "Drainage Inspection & Maintenance Plan" for the Des-Bee-Dove/Wilberg, Class I Haul Road was granted by the Division on 9/27/85. At the time of this inspection, some small, minor rills were evident on the downslope of the Haul Road. This potential erosion problem is not specifically adressed in the Operator's Haul Road Plans. Mr. Payne was alerted to this potential problem, and as such, the Operator has been given the opportunity to address the situation. Mr. Payne was also advised to include this area in the Drainage Inspection & Maintenance Plan.

GENERAL COMMENTS: In a follow-up telephone conversation with Mr. Payne on 3/25/86 regarding the findings & results of the Inspection, Mr. Payne was asked to have the following items completed by 4/15/86: 1) the berm maintenance on the Sub-station Pad, 2) clean out the drop drain on the Beehive Pad, and 3) revegetate the repaired erosion problem behind the Sub-station Pad. Mr. Payne agreed to complete this work ~~done~~ by April 15.

Inspectors Signature, Number and Date: Philip M Kapfer, #10, 3/31/86

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" " REPORT 3/21/86
" " finalized report 4/15/86

COMMENTS

Inspection report completed within allowable time frame. Inspector is presently on operation and subsequently his work is subject to additional review in lieu of training requirements.

Inspectors Signature, Number and Date: Joseph C. Kufrich #1 4/3/86

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