



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

File

Jon

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Norman H. Bangerter, Governor
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INSPECTION REPORT

INSPECTION DATE & TIME: 6/17/87; 10-00am

Permittee and/or Operators Name: Utah Power and Light Mining Company
Business Address: P.O. Box 310 Huntington, Utah 84528
Mine Name: Wilberg/Cottonwood Permit Number: ACT/015/019
Type of Mining Activity: Underground Surface Other
County: Emery
Company Official (s): Val Payne
State Official(s): Kathryn Mutz, Rick Smith, Holland Shephard
Partial: Complete: Date of Last Inspection: 5/13/87
Weather Conditions: Sunny and warm
Acreage: Permitted 11508 Disturbed 425 Regraded Seeded Bonded 42.5
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)	()	()	()
b. DIVERSIONS	(X)	()	()	(X)
c. SEDIMENT PONDS AND IMPOUNDMENTS	(X)	()	()	(X)
d. OTHER SEDIMENT CONTROL MEASURES	(X)	()	()	(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)	()	()	()
7. COAL PROCESSING WASTE	()	()	(X)	()
8. NONCOAL WASTE	(X)	()	()	(X)
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	(X)	()	()	()
10. SLIDES AND OTHER DAMAGE	(X)	()	()	(X)
11. CONTEMPORANEOUS RECLAMATION	(X)	()	()	(X)
12. BACKFILLING AND GRADING	(X)	()	()	()
13. REVEGETATION	(X)	()	()	()
14. SUBSIDENCE CONTROL	(X)	()	()	(X)
15. CESSATION OF OPERATIONS	()	()	(X)	()
16. ROADS				
a. CONSTRUCTION	(X)	()	()	()
b. DRAINAGE CONTROLS	(X)	()	()	()
c. SURFACING	(X)	()	()	()
d. MAINTENANCE	(X)	()	()	()
17. OTHER TRANSPORTATION FACILITIES	(X)	()	()	()
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	(X)	()	()	(X)

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(Comments are Numbered to Correspond with Topics Listed Above)

1. Permit dated 5/84 as well as midterm renewal responses dated 12/23/86, 5/8/87 and 5/13/87 are on file in the UP&L office. Maps in the 5/13/87 response indicate that development work is in progress toward the Ninth and Tenth West panels (Miller Canyon) with longwall mining planned for 1988. Since longwall mining in this area has not yet been approved, DOGM and all interested parties should review this plan immediately.
2. A permit area sign at the Cottonwood portal had been removed by County work crews widening the road. Mr. Payne will contact the appropriate officials and have the sign replaced by DOGM's July inspection.
- 4b. The inlet to a culvert which passes road drainage into Cottonwood Creek was plugged. Rather than entering the creek, this road drainage must pass over 4 gabion structures and enter the creek a few hundred yards downstream. While the plugged inlet is causing no immediate environmental damage (and is probably temporarily improving creek water quality), the inlet will be cleaned before the July inspection to assure proper longterm functioning of the system and prevent a 'slug' of sediment from entering the creek.

Berms along mine roads, around facilities areas, etc. are in good repair. The operator is planning to experiment with an additional berm and other methods of improving efficiency of the culvert inlet on the access road near the sediment pond.
- 4c. Office records showed a first quarter 1987 sediment pond inspection on 3/30/87 which is in compliance with the approved plan. The lower pond was not discharging during my inspection. Mr. Payne indicated that the upper pond was not discharging into the lower pond either and that his regular maintenance survey to be conducted within a week to 10 days would indicate whether or not the pond needed to be cleaned.
- 4d. Silt fence adjacent to Grimes Wash currently controls sediment from the construction of a new guard house. This silt fence is cleaned periodically. After construction is complete, the operator will add sediment control materials adjacent to the guard house to control additional sediment until revegetation of the area is adequate.

Inspector Signature, Number and Date: Kathryn M. Maltz #21 6/24/87

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Straw bales are in place adjacent to the Left Fork of Grimes Wash where water from a pumping project (to cool the outcrop influenced by the Wilberg underground fire) is entering the stream. UP&L is committed to sampling both the Wash and the pumped water during July to document whether or not the Wash water quality is being impacted by the pumped water. Before the water is pumped into the workings, it is of better quality than the Wash. The sample information may be important to future evaluation of the impact of mine cessation on surface water quality.

- 4e. Fourth quarter 1986 monitoring data were on file, as per approved plan, for four NPDES regulated discharge points (001A-004A), three stream monitoring points and two in-mine sampling points.
- 4f. Station 003A (sediment pond) exceeded effluent limitations on TDS on 1-13-87 and 2-3-87 and for oil and grease on 1-13-87. Notification letters were on file for these occurrences. The quarterly report indicated that March discharge also exceeded effluent standards but this was in error. The operator will submit a revised quarterly report.
5. A blasting report was on file for a certification practice blast conducted 3/25/87 at the Waste Rock Site.
8. UP&L is currently negotiating with Ecotech to modify the way used oil is handled. The operator committed to identifying a preferred alternative and submitting a MRP amendment, if appropriate, by 8/1/87.
10. During the inspection Mr. Payne reported a new slide from the Castlegate formation in Newberry Canyon (Longwall panel Seventh East). Past slide activity in this canyon is documented in UP&L's eagle monitoring report (on file with DOGM) and in their annual subsidence report (currently in press). Payne will make future slide reports by phone with a follow-up letter to DOGM and continue to provide summaries of damage in the eagle and subsidence reports.
11. We observed contemporaneous reclamation along the road to the lower fan and adjacent to the conveyor. Vegetation is doing well in both locations. Both areas were broadcast seeded, raked, mulched and netted.

Inspector Signature, Number and Date: Kathryn M. Muth #21 6/21/87

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14. UP&L's annual subsidence report is in press. Notification of mining to fee land surface owners (LDS Church) is normally made by providing the Church with an updated map of projected mining. Since the usual courier is currently on a mission, Mr. Payne will change this procedure to mail the maps every 6 months or deliver them and keep a transmittal letter on file. Since updates are usually provided in January and June, a transmittal letter should be on file by the next complete inspection to remain in compliance with the rules.

18. Material storage at the site is very neat and orderly. This seems to reflect a mine management concerned with general environmental as well as visual impacts.

Copy of this Report:

Mailed to: Donna Griffin (OSM), Val Payne (UP&L)

Given to: Joe Helfrich, John Whitehead

Inspectors Signature and Number:  #21 Date: 6/24/87