



0064

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

REVISED

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

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INSPECTION REPORT

INSPECTION DATE & TIME: March 20, 21 1989
3/20 8:00am-3:00pm 3/21 8:00am-12:30pm

Permittee and/or Operators Name: Utah Power & Light Mining Division
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 State: Utah
Company Official(s): Guy Davis
State Official(s): Bill Warmack
Partial: Complete: Date of Last Inspection: February 13, 1989
Weather Conditions: 3/20 Windy and cool 3/21 Fair
Acreage: Permitted 11508 Disturbed 42.5 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)	()	()	()
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)	()	()	()
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)	()	()	()
14. SUBSIDENCE CONTROL	(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)	()	()	()

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GENERAL COMMENTS:

Guy Davis (UP&L) accompanied the undersigned inspector on this complete inspection during March 20 & 21. Weather conditions were variable from windy and cool (3/20) to fair (3/21). Ground conditions were dry, however, small patches of ice and snow were still evident in the upper canyon areas.

1. PERMITS:

Records and correspondence files were reviewed for the calendar year 1988. Two new approvals were granted by the Division as follows:

1. Final approval to subsidence monitoring program, 1/30/89.
2. Final approval to east mountain spring monitoring program, 2/1/89.
3. At the present time, UP&L is undergoing a permit renewal for the Cottonwood/Wilberg Mines.
4. Liability insurance is effective from 6/17/88 to 6/17/89 with various companies.

4b. DIVERSIONS:

1. A berm has been constructed across the silo access road below the secondary crusher. Drainage from the road is now directed towards the culvert inlet.
2. The drop inlet north of the truck loadout was clean and free of ice and snow.
3. The culvert inlet (grate) at the upper storage yard has been cleaned.
4. The outslope bank below the secondary crusher showed signs of rills and gullies. Evidently, water lines had froze and water was diverted over the bank, causing some erosional damage. However, the bank was repaired prior to completion of the inspection on 3/20.
5. The undisturbed drainage channel northeast of the guard shack along the silt fence is scheduled to be recontoured the latter part of this week (3/23 and 3/24). Although functional, reshaping of the ditch will enhance this portion of the diversion system.
6. Although functional, several berms need minor repairs:
 - a. berm along fence south of Wilberg belt portal, adjacent to the conveyor transfer building;

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- b. berm along fence at vacant office building, southeast of bathhouse;
- c. berm east of Wilberg fan.

4c. SEDIMENT PONDS AND IMPOUNDMENTS:

1. 1988 pond inspection reports were reviewed and found in order. No associated problems were noted.
2. The North pond (#1) cleanout has not been completed as of yet; some additional work is still required before the project is finalized.
3. Certified as-built drawings (DRWG #3/29 dated 3/31/81) were reviewed; no revisions were noted.

4d. OTHER SEDIMENT CONTROL MEASURES:

1. The silt fence north of the guard shack adjacent to the access road has been repaired and cleaned.
2. The rock gabions along the county road adjacent to the cottonwood Fan Portal have been cleared of sediments.
3. Straw bales have been replaced at the subsoil pile (Cottonwood Fan Portal); straw bales need replacing at the topsoil pile and the spillways of the two ponds.
4. Placement of straw bales east of the upper Deer Creek Portal was discussed. Although vegetation appears to be controlling water, installation of the bales should enhance this area.
5. With the exception of those items listed above, silt fences and straw bales appeared to be in good repair and functioning properly.

4e. SURFACE AND GROUNDWATER MONITORING:

1. East Mountain Springs were monitored throughout 1988 in accordance with the approved plan. Fourth quarter results were submitted to the Division on 1/20/89.
2. UPDES reports were submitted as required throughout 1988. Discharges where applicable, were noted.

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5. EXPLOSIVES:

The blasting records for 1988 and the early part of 1989 were reviewed. Blasting reports were in order and indicated blasting occurred during the month of June (1, 2, 29, and 30) and also on January 25, 1989.

6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL:

1. The waste rock storage facility was inspected and appeared stable. Quarterly inspection reports for 1988 were reviewed and in good order. Fourth quarter inspection report filed on 1/5/89.
2. As-built certified drawing (DRWG #CM-10361-WB dated 12/29/80) was on hand. The drawing was updated on 2/11/88.

Copy of this Report:

Mailed to: Guy Davis, UP&L

Mailed to SLC for: Brian Smith, OSM; Joe Helfrich, DOGM

Filed to: PFO

Inspectors Signature and Number: William A. Warnack #30 Date: March 24, 1989

William A. Warnack 3/24/89