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UTAH
NATURAL RESOURCES
Oil, Gas & Mining

3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • (801) 538-5340

inspection report

Permit No. INA/015/017

Inspection Date Oct 18, 1989

Permittee/Operator Name Utah Power & Light Mining Division

Business Address P.O. Box 310

City Huntington State Ut Zip 84528

Mine Des Bee Dove ☐ Surface ☒ Underground ☐ Other

County Emery State

Company Official(s) Guy Davis

State Official(s) Bill Malencik

Time of inspection 8:00 ☒ a.m. ☐ p.m. to 4:00 ☐ a.m. ☒ p.m. ☐ Partial ☒ Complete

Date of last inspection August 11, 1989 Weather conditions Clear/Warm/Dry Mine Site

Acreage 28+1 ☐ Permitted 74.5 ☐ Disturbed ☐ Regraded ☐ Seeded 74.5 ☐ Bonded

Enforcement Action None

✓ Followup Items.

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. Permits	☒	☐	☐	☒
2. Signs and markers	☒	☐	☐	☐
3. Topsoil	☒	☐	☐	☐
4. Hydrologic balance				
— Stream channel diversions	☒	☐	☐	☐
— Diversions	☒	☐	☐	☒
— Sediment ponds and impoundments	☒	☐	☐	☒
— Other sediment control measures	☒	☐	☐	☒
— Surface and groundwater monitoring	☒	☐	☐	☐
— Effluent limitations	☒	☐	☐	☒
5. Explosives	☒	☐	☐	☐
6. Development waste and spoil disposal	☒	☐	☐	☐
7. Coal processing waste	☐	☐	☒	☐
8. Noncoal waste	☒	☐	☐	☐
9. Protection of fish, wildlife, and related environmental values	☒	☐	☐	☐
10. Slides and other damage	☒	☐	☐	☐
11. Contemporaneous reclamation	☒	☐	☐	☒
12. Backfilling and grading	☐	☐	☒	☐
13. Revegetation	☒	☐	☐	☐
14. Subsidence control	☒	☐	☐	☐
15. Cessation of operations	☒	☐	☐	☐
16. Roads				
— Construction	☐	☐	☐	☐
— Drainage controls	☐	☐	☐	☐
— Surfacing	☐	☐	☐	☐
— Maintenance	☒	☐	☐	☒
17. Other transportation facilities	☐	☐	☒	☐
18. Support facilities and utility installations	☒	☐	☐	☐

WHITE — DOGM YELLOW — OSM PINK — PERMITTEE/OPERATOR GOLDENROD — NOV FILE

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General Comments. While the mine site was dry, evidence of runoff was prevalent throughout the general area. The mine had received a high intensity storm since the last inspection.

PERMIT - Mid-term permit was approved 1/30/89.

- No outstanding stipulations
- ✓ Insurance document requires some additional followup. The records show the prior insurance covered the period June 17, 1988 to June 16, 1989. However, the current insurance issued in the name of UP&L Mining Co., policy # XL0296A88 covers the period 1/9/89 to 12/24/89. The issuing firm is Assoc. Electric & Gas Insurance Service, Limited. What's confusing is the operator's statement that all three mines are covered by the document ie issued in the name of UP&L Mining Division; however, the insurance document only covers the DOGM Permit No ACT/015/019 which is the cottonwood/Deadhorse mine.
- UPDES permit approved covering period 2/11/88 to 10/31/92.

Diversions. All diversions were checked and no compliance problems were noted; however, in the interest of problem prevention the following areas may

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require some minor routine preventative attention including:

- Sediment Pond Area – ditch below the 1/2 round that discharges into the pond should be upgraded.
- Half Round Below Tipple – some early signs that erosion may take place adjacent to the half round downspout. It is suggested the operator take preventative measures at this time before erosion takes place adjacent to the culvert.
- Equipment Storage Shed – the ditch adjacent to blacktop pad and behind the equipment storage pad had several rocks in the ditch. Runoff was still flowing in the ditch and no evidence was gathered to indicate recent runoff had flowed across the pad. However, should additional rocks and soil fall in the ditch from the highwall this could result in runoff flowing across the pad.
- Culvert Adjacent To Fuel Storage Area. The culvert adjacent to the fuel storage area had been recently cleaned. A review of the mine plan did not show a culvert

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on the hydrology/drainage plan. After a prolonged discussion it was concluded the operator would remove the culvert and retain the dimension as an open ditch.

Sediment Pond: Pond contained water, as built drawing was reviewed and certified on 2/23/84, inspection reports for C.Y 1989 were completed and records dated 3/24/89, 6/30/89, & 9/29/89, and a field check showed no problems exist. Historically the general area has been subject to rill erosion in spite of the efforts made by the operator, DOGM, OSM and others. A cooperative field erosion abatement project (field test) was underway at the time of the inspection. I recommend that no full scale erosion treatment of the disturbed area be undertaken until the results of this project are know. Work to date has included water control, regrading, and vegetal seeding. Therefore it would appear most reasonable to continue on going studies and the new project, until definitive information can be obtained that would pave the way for more informed solutions.

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The as built sediment pond drawings should be updated and recertified by November 30, 1989.

Other Sediment Control The operator had cleaned out and reconstructed most of the silt fences. This was done since the last inspection and recent storms. One area that needs additional attention is the pump house area. Straw bales have heretofore been installed and it is suggested they be supplemented with silt fences solely as a preventative measure.

Effluent Limitations UPDES reports noting no discharge for each month were submitted on 4/17/89, 7/10/89, and the third quarter report was in the process of being submitted.

Contemp. Reclamation. The fall 1988 seeding was somewhat unsuccessful because of drought. Most of the seeding on steep slopes is spotty & classified as poor vegetal establishment.

Roads were inspected and no problems noted. The operator has been granted an extension until 10/30/89. The haul road as built drawings were reviewed while the numerous documents do not contain the customary engineering stamp, they do contain a stamp noting "As Constructed – Creamer & Noble" which I and others have accepted as meeting DOGM requirements.

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Inspector's signature Tom J. Malencik No. 26

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10/20/89.