0017

UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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inspection report

Permit No. ACT/015/019

Inspection Date 3 August 1990

Permittee/Operator Name Utah Power & Light Company

Business Address P.O. Box 310

City Huntington State Utah Zip 84528

Mine Cottonwood/Wilberg ☐ Surface ☒ Underground ☐ Other

County Emery State Utah

Company Official(s) Guy Davis

State Official(s) Jess Kelley, Bill Malencik

Time of inspection 09:30 ☒ a.m. ☐ p.m. to 03:00 ☐ a.m. ☒ p.m. ☒ Partial ☐ Complete

Date of last inspection 11 July 1990 Weather conditions Partly Cloudy, Warm

Acreage 11 532 ☒ Permitted 66 ☒ Disturbed ☐ Regraded ☐ Seeded 66 ☒ Bonded

Enforcement Action None

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. Permits	☐	☐	☐	☐
2. Signs and markers	☒	☐	☐	☒
3. Topsoil	☐	☐	☐	☐
4. Hydrologic balance				
a — Stream channel diversions	☐	☐	☐	☐
b — Diversions	☒	☐	☐	☒
c — Sediment ponds and impoundments	☒	☐	☐	☒
d — Other sediment control measures	☒	☐	☐	☒
e — Surface and groundwater monitoring	☐	☐	☐	☐
f — 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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Please number comments to correspond with topics on previous page.

1. SIGNS AND MARKERS - Signs and markers look good generally. A mine identification sign has been placed at the entrance to the haul road to the new waste rock disposal site

4E. HYDROLOGIC BALANCE -

(b) Diversions - Work is proceeding well on the undisturbed collection/diversion culvert above the main storage area. This culvert is part of permit amendment 90C, which was approved 4-20-90. The amendment is detailed in Appendix XIII of the permit application. In Appendix XIII, the culvert is designated "CU-2". Its purpose is to divert the undisturbed runoff from the area designated "UA-2" to the 72-inch diameter undisturbed collection culvert "CU-3" which runs the length of the entire mine site and discharges into the main channel of Grimes Wash near the south sedimentation pond. The construction of CU-2 is necessary because the north and south sedimentation ponds do not

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4. HYDROLOGIC BALANCE (continued)

have sufficient capacity to treat the runoff from all of the disturbed and undisturbed areas around the mine site.

(c) Sediment Ponds and Impoundments - A detention basin, complete with overflow structure, has been completed in the right fork of Grimes Wash near the former location of the old Wilberg fan portal. This detention basin is also part of amendment 90C and is shown in Appendix XIII of the permit application. Its purpose is to treat the runoff from the ASCA (or "SAE" as it is shown in Appendix XIII) in the right fork of Grimes wash and discharge it into the main channel.

(f) Effluent Limitations - The leach field, which is at the bottom of the canyon and some distance from the mine site, is in good condition. It is covered with an abundant growth of grass, rabbitbrush, and ephedra which provides good vegetative filtration. The silt

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4. HYDROLOGIC BALANCE (continued)

fence which surrounds the leach field does not appear to have caught any kind of event. It is clean and well-maintained.

6. DEVELOPMENT WASTE AND SPOIL DISPOSAL - The new waste rock disposal facility is, according to Guy Davis of UP&L, approximately 80% finished. Silt fences have been placed on the outslopes of the topsoil and subsoil storage piles, in accordance with the permit application. These silt fences consist of filter fabric which is attached to upright steel posts with wire. There is no reinforcement of the filter fabric between posts. While these filter fences are adequate, it is suggested, as it was by Tom Munson during last month's inspection, that the filter fabric be reinforced with wire mesh or by the addition of more uprights. This would prevent sagging of the filter fabric and

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6. DEVELOPMENT WASTE AND SPOIL DISPOSAL (continued)
consequent topping in case of an unusually heavy precipitation event.

7. REVEGETATION - The reclaimed road and pad in the right fork of Grimes Wash shows an abundant growth of aster and grass with some rabbitbrush and sweet clover. The operator will soon conduct a vegetation monitoring program in this area in order to obtain some quantitative measure of revegetation success. This program has been requested by Susan White.

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