

Document Information Form

Mine Number: C/015/019

File Name: Internal

To: DOGM

From:

Person N/A

Company N/A.

Date Sent: MARCH 16, 1984

Explanation:

INSPECTION MEMO TO COAL FILE.

cc:

File in: C/015, 019, Internal

Refer to:

- Confidential
- Shelf
- Expandable

Date _____ For additional information

March 16, 1984

Inspection Memo
to Coal File:

RE: Utah Power & Light Company
Wilberg Mine
ACT/015/019, Folder #7
Emery County, Utah

DATE: March 6, 1984
TIME: 11:30 a.m.- 3:00 p.m.
WEATHER: Weather was clear and cool
COMPANY OFFICIALS: Larry Guymon and Dick Northrup
STATE OFFICIALS: Ken Wyatt
ENFORCEMENT ACTION: None

Compliance With Permanent Performance Standards

UMC 771 et al Permits

Applicable permits and letters of approval available at the mine office included:

1. A letter from Ron Daniels dated May 11, 1978 granting interim approval to operate the Wilberg Mine.

UMC 817.11 Signs and Markers

The mine identification sign, perimeter markers were posted as required.

UMC 817.21-.23 Topsoil

At this time there are no topsoil stockpiles at the Wilberg Mine due to the pre-law nature of this mine. At the Cottonwood portals, the subsoil and topsoil stockpiles were adequately protected and posted with appropriate signs.

UMC 817.41-.52 Hydrologic Balance

The upper sediment pond at the Wilberg Mine has been cleaned since the previous inspection. This pond was holding water at this time. No discharge was occurring. Access into the pond for cleaning was obtained along the northeast corner of the pond.

At the South Wilberg Portal fan pad equipment was being stored adjacent to the strawbale out operator in that this equipment could leak into the undisturbed this site which drains from this storage. immediately created additional equipment was also stored adjacent observed in the south. Some ponding was

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 Expandable
Refer to Record No 0026 Date 3-16-84
In C/ 015, 019, Internal
For additional information

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UMC 817.41-.52 Hydrologic Balance

The upper sediment pond at the Wilberg Mine has been cleaned since the previous inspection. This pond was holding water at this time. No discharge was occurring. Access into the pond for cleaning was obtained along the northeast corner of the pond.

At the South Wilberg Portal fan pad, equipment was being stored adjacent to the strawbale outlet. This was discussed with the operator in that this equipment could leak oil and contaminate runoff leaving this site which drains into the undisturbed drainage ditch. No problems were immediately created from this storage. On the middle South Wilberg pad additional equipment was also stored adjacent to the disturbed area inlet culvert. Some ponding was observed in the southeast corner of this pad.

The undisturbed ditch along the west side of the lower material storage pad has been upgraded since the last inspection. During the last inspection some snow removal and waste material was observed encroaching on this ditch. The operator was requested to pull this material back and insure that the ditch's integrity was maintained. This was being done at this time.

At the Cottonwood portal facilities all sediment ponds appeared adequate. Pond # 3 was close to a discharge state should any runoff occur. Should discharge occur UP&L is expected to sample these discharges and Cottonwood Creek as discussed in the previous inspection memo.

UMC 817. 52 Surface and Ground Water Monitoring

The Wilberg Mine was issued a NPDES permit # UT-0022896 effective December 20, 1981. This permit expires June 30, 1986 and allows discharge into the left fork of Grimes Wash from the mine water discharge and the sediment ponds. This permit was amended on February 26, 1982 to allow for monthly sampling of the mine water discharge due to adequate baseline data collected indicating a good compliance record.

Mine water discharge quality data was available for December 19, 1983 and the first two months of 1984. These data are tabulated in Table I below:

TABLE I

WILBERG MINE WATER DISCHARGE

DATE	pH	TSS	Fe	Mn	COND	TDS	Oil & Grease	SO ₄	Cl ⁻	ALKA
12-12-83	7.8	[.5	[.05	[.01	1010	643	[.5	250	13.2	253
1-9-84	7.4	3.0	.83	.20	1010	661	1.5	275	16.0	289
2-14-84	7.8	1.0	.06	.01	1100	664	.7	270	13.2	272

[indicates less than value shown

Surface water monitoring data was available for January 19, 1984. No surface water monitoring was done for the Wilberg Mine for November and December 1983. Mr. Guymon indicated that the annual report for 1982 recommended that beyond October each year, water monitoring would be conducted on a quarterly basis until the new runoff season begins. This was also discussed in the MRP. Table II below illustrates available data for January 1984.

TABLE II
 SURFACE WATERS JANUARY 1984

** Mine drip sampling was available for February 3, 1984.

ALL VALUES IN mg/l UNLESS OTHERWISE INDICATED.

SITE *	FLOW GPM	u mhos /cm	pH	TSS **	TDS **	Fe **	Mn **
ALF	60	600	7.9	[.5	301	[.05	[.01
ARF	12.6	680	8.0	25.0	350	.25	[.01
Below	75	1700	7.9	11.5	92.3	.45	.07

[indicates less than value shown

ALF: Left Fork Grimes Wash above Mine
 ARF: Right Fork Grimes Wash above Mine
 Below: Below Mine

UMC 817.71-.73 Disposal of Underground Development Waste and Excess Spoil
 and Nonacid and Non Toxic Forming Coal Processing Waste

Underground development waste generated within the Wilberg Mine is approved for disposal in the waste rock disposal site located approximately 2 miles below the mine. Waste rock and tippie reject coal was observed being stored in this area. The additional six disposal sites that were requested for approval in 1984 are scheduled to be approved with the overall MRP approval sometime this spring.

UMC 817.89 Disposal of Noncoal Waste

Currently, noncoal waste is temporarily stored on the material storage pad at the Wilberg Mine. These wastes are hauled to the Hunter power plant's solid waste landfill. Mr. Guymon indicated that noncoal waste handling will possibly change in the future and that waste will no longer be transported to the power plant for disposal but instead will be disposed of at the Emery County landfill.

UMC 817.99 Slides and Other Damage

On March 7, 1984, Mr. Guymon called the Division offices to report, in accordance with UMC 817.99, slides and other damage at the Wilberg Mine. He further indicated that a rock ledge had fallen in the vicinity of the previously observed subsidence area along the canyon rim of the right fork of Grimes Wash. Some rock and debris ended up on the old fan access road and some into the right fork of Grimes Wash. Mr. Guymon was advised to consider barricading the lower material storage pad as has been done in prior years as

Inspection Memo To Coal File
ACT/015/019
March 21, 1984
Page 4

a precautionary measure. Additionally, should any fallen debris block the right fork of Grimes Wash, UP&L would be required to clear the channel of these obstructions. This report was documented in a letter to Mr. Guymon dated March 8, 1984.

UMC 817.111-.117 Revegetation

At the Cottonwood portal area, vegetation transect stakes were examined on the reclaimed areas. Two transects were observed on the downslope and several transects were set up on the access ditch. For 1983, no vegetation data was obtained. Mr. Guymon indicated that during 1984 vegetation data will be gathered in an effort to prove that the reclaimed area is adequately revegetated.

The old fan access road reclamation work conducted last fall will need to be seeded this spring. Mr. Guymon indicated that the area will be hydro seeded as soon as the snow cover melts.

Ken Wyatt 
Field Specialist

KW:re

cc: Tom Ehmett, OSM
Larry Guymon, Emery Mining Corporation
Joe Helfrich, DOGM
Mary Boucek, DOGM

Statistics: See UP&L, Deer Creek Mine memo dated March 15, 1984.
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