

October 12

Inspection Memo
to Coal File:

RE: Valley Camp of Utah Inc.
Belina Complex
ACT/007/001, Folder No. 7
Carbon County, Utah

DATE: September 28, 1983
TIME: 8:30 a.m. - 12:30 p.m.
WEATHER: Clear & Cool
COMPANY OFFICIALS: Trevor Whiteside--Office, Steve Tanner--Field
STATE OFFICIALS: Ken Wyatt
ENFORCEMENT ACTION: None

Compliance With Permanent Performance Standards

UMC 771 et al Permits

Applicable permits and approvals available on the minesite included:

1. A letter dated May 11, 1978 from Ron Daniels of the Division granting interim approval for the Belina Mine.
2. A truck scale facility conditional approval letter dated August 18, 1983 from Jim Smith of the Division. In this letter, it was stated that sediment control for this area would be agreed upon during the meeting on-site once final grade is achieved. Currently, Valley Camp is awaiting Utah Power & Light Company (UP&L) to remove one powerline in order to finish the final grade.
3. The mine water filter pond was approved on August 30, 1982 in a letter from Jim Smith of the Division.
4. The Belina Mine Road and realignment was approved in a letter dated June 20, 1983 with three stipulations. A letter dated August 31, 1983 from Jim Smith states "Valley Camp has now adequately addressed all stipulations of the Division's June 20, 1983 conditional approval through correspondence on June 27, 1983, July 20, 1983 and August 23, 1983, therefore, the Division hereby grants final approval to Valley Camp for implementation of all phases of the Belina Road modification."

UMC 817.11 Signs and Markers

The mine identification sign and perimeter markers at the mine access points and buffer zone signs are all posted.

UMC 817.21-.25 Topsoil

The quality of soil material excavated during the truck scale access road installation was discussed with Mr. Whiteside. It was agreed at this time that the soil material stockpiled on the Utah #2 portal pad is acceptable topsoil substitute material and should be salvaged, stored and protected according to the topsoil regulations. The destination of this topsoil material is unknown at this time. Mr. Whiteside indicated that he would prefer storing and protecting this material at the loadout site. An alternative to this would be storage of this material at the topsoil storage area at the Belina Mine. This material should be stockpiled in an approved site within the mine area and posted accordingly. The results of topsoil sampling on August 4, 1983 are depicted in the table below. Samples 1, 2 and 3 were collected from the soil material salvaged and stored along side the railroad tracks across from the Utah #2 portals. Sample #4 was collected from the soil material at the scale facility. These data indicate that this soil is suitable as a topsoil or plant growth supporting medium.

Identification	pH	ECe*	ppm		Texture	CEC*	SP*	% Organic Matter
			P	K				
1	8.0	0.7	16	90	Silt Loam	6.8	30	1.34
2	8.0	1.1	15	98	Silt Loam	7.5	33	2.50
3	8.0	0.5	19	116	Silt Loam	8.1	35	1.79
4	7.9	1.0	19	137	Silt Loam	8.7	38	2.90

Identification	H ₂ O-Sol, meq/l in sat. ext.			
	Ca	Mg	Na	K
3	4.2	2.2	1.4	0.5

UMC 817.41-.52 Hydrologic Balance

The mine water filter pond was completed at the time of this inspection, however, water was not being directed into the pond at this time. Mr. Tanner stated that this pond would begin functioning at the end of this week. Sediment pond #4 discharge was sampled at 10:10 a.m. The results of this sampling indicated TSS levels at 37 mg/l.

The undisturbed diversion ditches above the mine area were examined. These appear well maintained and functional at this time. Due to the high erosion potential at the outlet of this undisturbed diversion a new culvert

and headwall had been installed in order to channel this water more effectively into the natural drainage below. This area had been seeded and mulched showing good signs of germination.

UMC 817.52 Surface and Ground Water Monitoring

Valley Camp of Utah was issued NPDES permit #UT-0022985 in October 1982. This permit allowed discharge from both the loadout and the mine into Pleasant Valley Creek and Wiskey Gulch, respectively, and expires June 30, 1987.

Surface and ground water monitoring data had not been returned from the laboratory for the third quarter 1983. Data for the first and second quarters of this year were available. Mr. Whiteside indicated that upon receipt of this information he would forward a copy of the third quarter water monitoring data to the Division offices.

UMC 817.89 Disposal of Noncoal Waste

Noncoal waste generated at the minesite and loadout are temporarily stored in dumpsters located at both facilities and are periodically hauled from the minesite for final disposal. It was noted at the time of this inspection that some coal waste and sediment material had been utilized on the south slope of the coal stacking pad. This activity was approved by Jim Smith of the Division on September 28, 1983.

UMC 817.99 Slides and Other damage

The slump areas located at the Utah #2 loadout have not changed. Mr. Tanner indicated that they still planned to regrade this area to promote a more positive drainage from the slide areas. These slumps are being watched and it appears that since the spring of 1983 there has been no further movement in this area. Should these slopes become saturated, they may create additional problems during the up-coming spring runoff season.

UMC 817.111-.117 Revegetation

The main mine access road resurfacing work has been completed. It was noted at the time of this inspection, that the entire upslopes and downslopes of this road have been hydromulched. Mr. Whiteside indicated that the approved seed mix was utilized in this revegetation effort. The success of this work will be observed next year. At that time, it may be necessary to do some spot seeding in areas that have not taken well.

Additionally, the areas below the outlets of the culverts that drain the road where erosion is likely may need to be further stabilized with riprap or other vegetative means. This was discussed with the operator during this inspection.

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UMC 817.150-.176 Roads

The Class I road that was resurfaced during this construction season appeared in good shape. The downslopes and upslopes of this road have been revegetated as discussed in the previous section. Drainage facilities for this road appear adequate at this time. The outlets to the drainage culverts along the road will need to be examined during future inspections to determine the adequacy of the existing riprap and sediment controls and also to identify areas that may need to be further stabilized using vegetation or some other type of stabilizing medium.

KEN WYATT *KW*
FIELD SPECIALIST

KW/btb

cc: Tom Ehmett, OSM
Trevor Whiteside, Valley Camp of Utah, Inc.
J. Helfrich, DOGM
T. Tetting, DOGM

Statistics:

See Skyline Mine memo dated October 5, 1983
Grant: A & E