

March 15, 1984

Inspection Memo  
to Coal File:

RE: Valley Camp of Utah Inc.  
Belina Complex  
ACT/007/001, Folder #7  
Carbon County, Utah

DATE: February 8, 1984  
TIME: 10:30 a.m. - 3:00 p.m.  
WEATHER: Clear and 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 letters of approval and permits available at the mine office included:

1. A letter of approval from Ron Daniels dated October 8, 1976 for the operation of the Belina #1 Mine.
2. A May 11, 1978 letter from Ron Daniels granting interim approval for the Utah #2 loadout.
3. An approval letter for the Belina #2 Mine dated June 10, 1981 from Jim Smith.
4. Approval to mine the lower O'Conner seam was granted in a letter from Jim Smith dated April 1, 1982.
5. The mine water filter pond was approved for construction by the Utah Department of Health, Division of Environmental Health on July 19, 1982 in a letter from Calvin Sudweeks. The DOGM approved the project on August 31, 1982 via a letter from Jim Smith.
6. A letter dated May 20, 1983 from Pam Grubaugh-Littig indicated that the reclamation surety bond posted will suffice until the permanent program MRP is approved. This will be subjected to change upon final approval.
7. The Belina Mine Road surfacing plans and associated modifications were approved on August 31, 1983 in a letter from Jim Smith. This letter indicated that all stipulations associated with this project had been satisfied.

UMC 817.11 Signs and Markers

The mine identification signs and buffer zone markers were posted as required. No problems were created from the perimeter markers during this inspection.

UMC 817.21-.23 Topsoil

The topsoil stockpile located at the Utah #2 loadout was still adequately protected at this time with a strawbale berm. The topsoil stockpile sign was posted.

The ultimate use of this substitute material needs to be addressed by the operator prior to final disposition. In the November 29, 1983 letter to Jim Smith the operator briefly mentions this substitute material but does not elaborate on future uses or storage for this material. A narrative should be submitted to the Division addressing this concern.

UMC 817.41-.52 Hydrologic Balance

The undisturbed bypass culvert inlets adjacent to the Utah #2 portals and the tipple were both unobstructed. No flows were observed in either of these drainages. The undisturbed drainage on the south end of the permit area at the loadout was examined. This drainage, should it flow, would mix on the railroad tracks with disturbed area drainage. This was discussed with the operator at which time he indicated that when Coastal States Energy Company completes their train loadout this area will be modified. A culvert has been proposed to be installed to convey the undisturbed drainage under the railroad tracks. This channel showed no signs of flow, past or present.

The disturbed area drainages at the loadout were functioning as designed. The western disturbed area boundary of the loadout was walked. No problems were encountered. Sediment Pond #3 was containing water.

At the Belina Mine facilities runoff was occurring throughout the disturbed area. All water was flowing to the appropriate places as designed. Sediment Pond #4 discharge samples were collected at 1:45 p.m. The results of this analyses are listed in Table 1 below:

TABLE I  
Valley Camp, Belina Mine Sediment Pond #4 Discharge  
8 February 1984

TIME	TSS *	COND (u/mhos/cm)	TDS *	TURBIDITY (NTU's)	Fe *	Mn (ug/l)
13:40	11.0	990	570	19.4	.47	60.0

\* All values are milligrams per liter unless otherwise indicated.

The mine water filter pond was not discharging at this time.

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The undisturbed ditch above the Belina Mine was flowing. Water from this ditch was bypassing the culvert downspout inlet and flowing into the snow bank probably onto the downslope. This was discussed with the operator. Work was initiated during this inspection to dig out the culvert inlet and channel this undisturbed drainage back into the culvert inlet to protect the downslope.

During this inspection Mr. Tanner indicated that a water line had broken between the material storage pad and the Belina Mine access road. A gully was created where the water escaped and where work required ground excavation to repair the water line. This area is within the permit area and will need to be revegetated this spring with the appropriate seed mix.

Water was observed flowing in the ditch along the mine access road. Sloughage of the high wall was occurring due to the melting conditions. This sloughage will reduce the revegetation work attempted last fall.

#### UMC 817.52 Surface and Ground Water Monitoring

Valley Camp was issued NPDES Permit # UT-0022985 effective November 13, 1982 with an expiration date of June 30, 1987. This permit allows discharge from the three ponds at the loadout, the #4 pond at the mine as well as the mine water filter pond discharge.

NPDES discharge monitoring reports were available for the month of November and December 1983. Data for the sediment Pond #4 discharge showed a maximum TSS value for January of 26 mg/l per liter. Surface water monitoring data was available through December 1983. No problems were indicated from these data. Underground seep monitoring included samples taken in August, November and December 1983 and one in January 1984.

#### UMC 817.121-.126 Subsidence Control

A letter dated October 28, 1983 from Vaughn Hansen Associates to Valley Camp discusses the pedestrian subsidence survey that was conducted on August 25, 1983. This survey indicated several new subsidence areas. No subsidence was detected in the vicinity of the gas pipeline that passes over the Valley Camp lease area.

#### UMC 817.150-.176 Roads

The recently paved mine access road is suffering from the winter. Several areas along the road are showing signs of tension cracks due to uneven settling. Valley Camp personnel are aware of this situation.

Ken Wyatt *KW*  
Field Specialist

KW:re

cc: Tom Ehmett, OSM  
Trevor Whiteside, Valley Camp of Utah Inc.  
Joe Helfrich, DOGM  
Sue Linner, DOGM

Statistics: See UP&L's, Deer Creek Mine memo dated February 9, 1984  
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