

June 6, 1983

Inspection Memo
to Coal File:

RE: Valley Camp of Utah, Inc.
Belina #1 Mine
ACT/007/001
Folder No. 7
Carbon County, Utah

On May 27, 1983 a partial inspection of the above referenced minesite was conducted by Ken Wyatt, Sandy Pruitt and Tom Munson of the Division. Mr. Steve Tanner of Valley Camp accompanied the DOGM personnel. The purpose of this inspection was to collect a sediment pond discharge sample in order to assess the effluent quality in relation to NOV N83-1-1-1.

At the time of this inspection high runoff rates due to snowmelt were observed. Mine water discharge was still being routed into the sediment pond. A new filtering device in the form of a felt sock was observed clamped over the end of the sediment pond discharge pipe. This sock in effect filters any suspended material that does not settle in the sediment pond. However, due to the high volume of runoff the seam of this sock had been split rendering it ineffective. A water sample was collected from the effluent through this sock. It appears as if this sample will not meet Total Suspended Solids effluent limitations. A second sample was collected downstream below straw bales that had been installed in the drainage path of the pond discharge water. These bales had been installed to create micro-sedimentation areas in order to filter out additional sediment from the ponds effluent.

Just after these two samples were collected a new sock was installed on the discharge pipe and a third sample was collected to determine the effectiveness of this sock. These samples are currently being analyzed by the Utah State Health laboratory, results are pending at this time.

A floating ramp had been constructed in order to access the sediment pond overflow pipe. This ramp was constructed in order to install an additional felt sock around the outside of this discharge pipe to filter any water before it leaves the pond. These new filtering socks are more or less an experimental type of sediment control technology. Valley Camp has been monitoring the water quality of the effluent in order to assess the value of these filtering devices.

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After returning to Valley Camp's main offices and talking with Mr. Trevor Whiteside he indicated that the snowmelt situation in the Scofield area exceeded the 10 year, 24 hour event. This point was discussed in relation to the NPDES monitoring. Some type of measurement or proof that the snowmelt situation is exceeding the 10 year, 24 hour event should be documented by the operator. This was discussed with Mr. Whiteside at the time of this inspection.

The access road down to the water pump house area was discussed with Mr. Tanner and Mr. Whiteside. A potential exists for drainage from this road to enter the stream channel just below the undisturbed bypass culvert outlet. Mr. Tanner indicated that he could place straw bales in this channel to prevent such occurrences. This should be done at the earliest possible time and should be maintained until this access road is repaired as per an April 6, 1983 memo to the coal file.

The surfacing and reconstruction of the Belina Mine access road has not commenced. Approval for this activity is pending the receipt of plans to the Division on how waste rock generated during the construction process will be disposed of or utilized in the sediment pond #3 modification at the Utah 2 loadout. No compliance problems were observed during this inspection.

KEN WYATT *KW*
FIELD SPECIALIST

KW/lm

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

Statistics:

Per Diem: 2 persons X 1 day, 10 hours = \$101.56
Vehicle: EX #71049 - 642 miles
Grant: A & E