



0010

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

SEL JPH
Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

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INSPECTION REPORT

INSPECTION DATE & TIME: July 7, 1988
10 a.m. to 4 p.m.

Permittee and/or Operators Name: Valley Camp of Utah
Business Address: Scofield Route Helper, Utah 84526
Mine Name: Belina Complex Permit Number: ACT/007/001
Type of Mining Activity: Underground Surface Other
County: Carbon State: Utah
Company Official (s): Barry Barnum
State Official(s): Daron Haddock
Partial: Complete: Date of Last Inspection: June 22, 1988
Weather Conditions: Warm and sunny
Acreage: Permitted 3136 Disturbed Regraded 79 Seeded Bonded 79
Enforcement Action: NOV N88-28-4-1 issued and terminated

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	(X)	()	()	(X)
2. SIGNS AND MARKERS	(X)	()	()	(X)
3. TOPSOIL	(X)	()	()	(X)
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	(X)	()	()	()
b. DIVERSIONS	(X)	()	()	(X)
c. SEDIMENT PONDS AND IMPOUNDMENTS	(X)	()	()	(X)
d. OTHER SEDIMENT CONTROL MEASURES	(X)	()	()	()
e. SURFACE AND GROUNDWATER MONITORING	(X)	()	()	(X)
f. EFFLUENT LIMITATIONS	()	(X)	()	(X)
5. EXPLOSIVES	()	()	(X)	()
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	()	()	(X)	()
7. COAL PROCESSING WASTE	()	()	(X)	()
8. NONCOAL WASTE	(X)	()	()	()
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	(X)	()	()	(X)
10. SLIDES AND OTHER DAMAGE	(X)	()	()	()
11. CONTEMPORANEOUS RECLAMATION	(X)	()	()	()
12. BACKFILLING AND GRADING	()	()	(X)	()
13. REVEGETATION	(X)	()	()	()
14. SUBSIDENCE CONTROL	(X)	()	()	(X)
15. CESSATION OF OPERATIONS	()	()	(X)	()
16. ROADS				
a. CONSTRUCTION	(X)	()	()	()
b. DRAINAGE CONTROLS	(X)	()	()	()
c. SURFACING	(X)	()	()	()
d. MAINTENANCE	(X)	()	()	()
17. OTHER TRANSPORTATION FACILITIES	(X)	()	()	()
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	(X)	()	()	()

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(Comments are Numbered to Correspond with Topics Listed Above)

GENERAL COMMENTS:

On June 23, 1988 federal NOV 88-2-116-2 was issued to Valley Camp by Henry Austin for failure to provide a professional engineers certification of the sedimentation ponds and class I roads. Valley Camp was given until July 8, 1988 at 4:30 p.m. to submit the required certifications.

DOGM had previously been working with the operator to obtain the required certifications and a July 15, 1988 deadline had been set up in correspondence dated June 20, 1988. As of this inspection, work has been completed on the design plates and copies are to be delivered July 8, 1988 in accordance with abatement for the federal NOV.

A copy of the Division's policy regarding certification requirements for ponds and roads was left with Mr. Barnum and the contents discussed.

1. PERMITS:

As a result of this inspection, it was noted that 3 small areas do not drain to a sediment pond. (1) The main office area, (2) the pumphouse area below sediment pond 4, and (3) the culinary water tank area above the Belina mine and shop. All of these areas have alternate sediment control in the form of either straw bales, settling basins, vegetation or pavement and there appears to be no significant environmental degradation or sediment loading as a result of these areas. Mr. Barnum was not aware of any small area exemption and it was determined that these areas were probably overlooked when issuing the permit.

In light of directive INE-27, it was felt that the operator should be given a reasonable time frame for submitting plans to address these 3 small areas. The operator will have 90 days to make the submittal.

2. SIGNS AND MARKERS:

Mine ID signs, topsoil markers and disturbed area perimeter markers are in place. Some of the perimeter markers were difficult to find and should probably be repainted or relocated to make them more visible. (Especially around the office area).

One stream buffer zone sign is in place at the diversion of Whiskey Creek. Mr. Barnum agreed to install additional signs along the upper end of Whiskey Creek near the road to the topsoil pile. Another stream buffer zone sign will be placed near the pump house below pond 4.

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3. TOPSOIL:

The topsoil pile was inspected and found to have a small slump near the toe. The slumped material all remained within the surrounding berm and was covered with straw mulch to protect it. The topsoil pile appears to be stabilizing and has good vegetation on nearly all of it.

A small topsoil pile is being temporarily stored on the Belina truck loadout pad area as a result of a small slump earlier this spring. The operator was asked to replace the topsoil or provide a more permanent storage situation for it.

4b DIVERSIONS:

A couple of minor maintenance items regarding culverts were pointed out to Mr. Barnum. The small culvert that drains the substation pad area and the culvert and downspout that drains the bench area above pond 5 should have the inlets cleaned.

At the Utah loadout a large rock (18 inch) has fallen near the inlet of the undisturbed bypass culvert at the old shop. This should be removed.

4c. SEDIMENT PONDS AND IMPOUNDMENTS:

Pond 4 was inspected and found to have a small orange colored seep running into it on the south side near the inlet culvert. Although difficult to obtain due to the small amount of water, water samples were taken as well as soil samples of the area. These will be analyzed to determine the cause of the orange color.

Because of the high water level, there is a question as to the amount of sediment in pond 4. Sediment is accumulating around the mouth of the south inlet culvert and should probably be cleaned soon. Mr. Barnum committed to have the pond surveyed to determine the sediment level and will have the pond cleaned if it is within 60% of the maximum sediment level.

The mine water discharge pond 5 needs to have the filter fabric replaced. Both ponds 4 and 5 have had difficulty meeting the effluent limitations of the NPDES permit. This will be discussed in more detail under the effluent limitations heading.

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4e. SURFACE AND GROUND WATER MONITORING:

The 12 monitoring sites were all checked on April 22, 1988 with the exception of VC-4 which was inaccessible. Monitoring results for June are not available as yet.

4f. EFFLUENT LIMITATIONS:

Lab analysis and NPDES reports indicate that pond 5 exceeded the effluent limitations for TSS in April and May. Also pond 4 exceeded the limitation for TDS in May.

NOV N88-28-4-1 was issued for failure to notify the Division within 5 days of receipt of analysis that an NPDES permit effluent limitation noncompliance has occurred. The regulations cited for this NOV, UMC 817.52 (b)(1)(iii) and UMC 817.41 (c), were discussed with the operator who is now aware of the requirement to submit written notification along with lab analysis to the Division within 5 days of receipt of a noncompliant analysis.

On April 20, 1988 a compliance sampling inspection was conducted at Valley Camp by the Utah State Department of Health. The inspection report and a summary of deficiencies were received at DOGM on July 1, 1988, wherein Valley Camp was given 30 days to submit written plans to resolve the deficiencies noted. A copy of that summary is enclosed with this report.

As noted in the previous inspection report dated June 22, 1988, there appears to be a layer of black material being deposited in Whiskey Creek below the discharge of pond 5. Samples of the stream bed were gathered above and below the discharge point as well as samples of the pond discharge in order to determine the cause of the black coloration. Analysis will be forthcoming.

9. PROTECTION OF FISH, WILDLIFE, AND RELATED VALUES:

A deer was spotted at pond 4 licking at surrounding soil. (May have been trying to get salt.)

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14. SUBSIDENCE CONTROL:

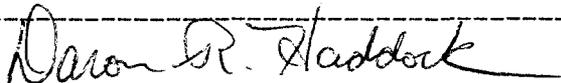
In light of the recent inability of the Forest Service to complete their subsidence program, the Division has requested alternative plans. The operator sent a letter to the Division dated July 6, 1988 committing to establish monitoring points that will be checked yearly by ground or aerial survey. An initial survey will take place before Sept. 30, 1988 to provide baseline information.

Copy of this Report:

Mailed to: Barry Barnum, Valley Camp

Mailed to SLC for: Brian Smith, OSM; Joe Helfrich, DOGM

Filed to: PFO



Inspectors Signature and Number: Daron R. Haddock #28 Date: July 14, 1988

SUMMARY OF DEFICIENCIES

Valley Camp of Utah, Inc. Compliance Sampling Inspection

April 20, 1988

<u>Deficiencies</u>	<u>Required Corrective Action</u>
1. Total dissolved solids was approximately 25% over the daily maximum of 700 mg/l.	1. Inform the Bureau of Water Pollution Control of the cause of the high TDS and what actions will be taken to eliminate the problem.
2. Depth control in pond 004 is a problem in the winter months because of icing conditions and the efficiency of the pond decreases causing possible violations of the permit.	2. The permittee under Part III E. of the permit is required to properly operate and maintain treatment facilities in order to achieve compliance with their permit. The use of chemicals if effective is appropriate. Please indicate to the Bureau of Water Pollution Control why chemicals were selected instead of other control measures such as pre-settling within the mine. Also please indicate the application rate of any chemicals being used in the pond, if different than mentioned previously in this report.
3. According to Section II B. of the permit monitoring must be conducted according to 40 CFR Part 136 which has listed the required holding times for each parameter. In order to assure compliance with these holding times the time and date of sampling and analysis must be known.	3. Record the time of analysis for each parameter.
4. Referring to discharge point 004, there shall be no discharge of toxics in toxic amounts as indicated in Utah Administrative Code (UAC) R448-2-7.2.	4. Because Valley Camp is using a known toxic substance at the 004 discharge, it is requested that biomonitoring, as contained in the UPDES permit, be completed when the chemical is being applied. This only needs to be done once providing there is a conclusion of no toxicity. A description of who did the test, test procedures and results should be sent to the Bureau of Water Pollution Control.