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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

INSPECTION REPORT

INSPECTION DATE & TIME: NOV. 2 & 3, 1989
8:00 am - 3:00 pm / 11:00 am - 3:00 pm

Permittee and/or Operators Name: SUNNYSIDE RECLAMATION AND SALVAGE, INC.
Business Address: P.O. BOX 99 SUNNYSIDE, UT 84539
Mine Name: SUNNYSIDE Permit Number: ACT/007/007
Type of Mining Activity: Underground XX Surface Other _____
County: CARBON State: UTAH
Company Official(s): KARL HOUSKEEPER
State Official(s): BILL WARMACK
Partial: _____ Complete: XX Date of Last Inspection: OCTOBER 11, 1989
Weather Conditions: CLEAR AND LIGHT BREEZE
Acreage: Permitted _____ Disturbed _____ Regraded _____ Seeded _____ Bonded _____
Enforcement Action: NOV 89-30-11-1

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	(X)	()	()	(X)
2. SIGNS AND MARKERS	(X)	()	()	()
3. TOPSOIL	(X)	()	()	()
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	(X)	()	()	()
b. DIVERSIONS	(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)	()	()	(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)	()	()	(X)
12. BACKFILLING AND GRADING	()	()	(X)	()
13. REVEGETATION	(X)	()	()	()
14. SUBSIDENCE CONTROL	(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)	()	()	(X)

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PERMIT NUMBER: ACT/007/007

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(Comments are Numbered to Correspond with Topics Listed Above)

GENERAL COMMENTS:

This complete inspection was conducted with the assistance of Karl Houskeeper (SRS). The inspection commenced on November 2 with a review of the pertinent mine records, and followed with field observations on both November 2 and 3. Ground conditions were dry, however, small patches of snow remained in the shaded canyons. Subsequent to the inspection, State Notice of Violation (NOV) #89-30-11-1 was issued; discussion of this issue follows in 4 (f).

1. PERMITS

The transfer of permit ACT/007/007 from Kaiser Coal Corporation to Sunnyside Reclamation and Salvage, Inc., was approved by the Division on May 26, 1989. The permit was effective January 20, 1986, and shall expire on January 20, 1991. Certificate of Insurance, policy #3528-55-64, is in effect and on file. This policy shall expire on December 2, 1989.

The UPDES permit was reviewed, and is effective June 1, 1988, through July 31, 1992. A modification to the permit was executed on January 26, 1989, by the Department of Health to reflect changes in land ownership. According to this permit, SRS is required to monitor and report results monthly.

4c. SEDIMENT PONDS AND IMPOUNDMENTS

1. As-built pond certifications were reviewed and in order. Upon completion of Whitmore Pond #2, as-built drawings for both the #1 and #2 ponds should be completed to reflect any changes that have been completed during construction.
2. To ensure stability of the Whitmore #1 Pond embankment, the willows should be cut and removed. Depending upon weather conditions, this will be done in conjunction with the cleanout.
3. Pond inspections were complete through the Third Quarter. Weekly inspections of the slurry cells were complete through October 25, 1989. No associated problems were noted for any pond.

4e. SURFACE AND GROUNDWATER MONITORING

Water monitoring for surface and groundwater stations was complete through the Third Quarter. SRS conducts a wide array of sampling, including field measurements, for the Sunnyside permit area. In addition to the previously approved monitoring schedule, SRS has been collecting bi-weekly samples at two locations to monitor mine water discharges.

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4f. EFFLUENT LIMITATIONS

According to the present UPDES permit, limitations on oil and grease discharge is 10 mg/l. A sample was taken from outfall 014A (SSSF Pond) on July 14, 1989 and results were received by SRS on August 18, 1989. The analysis revealed an exceedence of the oil and grease parameter (21.4 mg/l) which was indicated on the DMR form and submitted on August 31, 1989. According to the UPDES permit and UMC 817.52(b)(ii), SRS shall notify the appropriate agencies (EPA, State Health, DOGM) within 5 days of a known exceedence. However, the proper agencies were not notified within the 5 day grace period and subsequently, NOV 89-30-11-1 was issued for failure to comply with the terms of UMC 817.52(b)(ii). Since this NOV was issued after the fact, no abatement measures were required and the NOV was terminated the same day (November 8, 1989).

7. PROCESSING WASTE

Certified refuse pile inspections were complete through September 23, 1989. No hazards or other problems were noted.

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

On November 3, 1989, personnel from the State Department of Health (Dave Ariotti, Fred Pehrosen, Bill Harned, Richard Denton), Division of Wildlife Resources (Larry Dalton), SRS (Randy Peterson, Karl Houskeeper), and DOGM (Bill Warmack) met at the Sunnyside Mine to discuss and review the Grassy Trail Creek mitigation measures. Mr. Dalton recapitulated the events up to this point in time with remarks from Mr. Houskeeper. State Health personnel were on site to evaluate the situation and to address possible solutions.

Water and sediment samples were collected from two locations, above and below the mine water confluence at Whitmore Canyon. Field measurements were taken above and below the confluence, at the confluence, and also at the pond discharge point. With the exception of temperature, the field tests were relatively constant. However, the mine water temperature was at least 8 degrees C warmer than the receiving water.

Pending the outcome of the water and sediment analysis, a decision will be made regarding several proposed mitigation measures. Due to the onset of freezing temperatures, employment of any or all of the measures may be hampered by ice.

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11. CONTEMPORANEOUS RECLAMATION

Several recently disturbed areas throught the site have been seeded and hydromulched as of November 3:

1. Whitmore Pond #2 embankments, berms, topsoil pile, cuts, and roads.
2. Borrow Area Pond.
3. Road realignment near the SSSF Pond.
4. Rail cut and CRT Pond.

Copy of this Report:

Mailed to: KARL HOUSKEEPER (SRS)

Mailed to SLC for: BRIAN SMITH, OSM; JOE HELFRICH, DOGM

Filed to: PFO

Inspectors Signature and Number: WILLIAM A. WARMACK #30 Date: NOV. 9, 1989

William A. Warmack 11/9/89