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DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH

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Director

Bureau of Water Pollution Control
288 North 1460 West, P.O. Box 16690
Salt Lake City, Utah 84116-0690
(801) 538-6146

RECEIVED
MAY 19 1989
DIVISION OF
OIL, GAS & MINING

May 17, 1989

Mr. W. P. Balaz, Mine Manager
Sunnyside Reclamation & Salvage, Inc.,
P.O. Box 99
Sunnyside, Utah 84539

Re: Compliance Sampling Inspection Report
UT0022942

Dear Mr. Balaz:

On April 12, 1989 Mike Herkimer of the Bureau of Water Pollution Control completed a Compliance Sampling Inspection at Sunnyside Reclamation & Salvage, Inc. (SRS). Enclosed is a report of that inspection. Please pay particular attention to the Summary of Deficiencies Section as the State requests that SRS respond in writing within 30 days of the date of this letter as to how it has resolved or will resolve the deficiencies noted.

If you have any questions please contact Mike Herkimer at 538-6146.

Sincerely,

Donald A. Hilden

Donald A. Hilden, Ph.D, Chief
Permits and Compliance Section
Bureau of Water Pollution Control

MDH:st

cc: Pauline Afshar, US EPA Region VIII
Southeastern Utah District Health
Tom Munson, DOGM
Larry Dalton, DWR

1571-36

EPA

United States Environmental Protection Agency
Washington, D. C. 20460

NPDES Compliance Inspection Report

Form Approved
OMB No. 2040-0003
Approval Expires 7-31-85

Section A: National Data System Coding

Transaction Code	NPDES	yr/mo/day	Inspection Type	Inspector	Fac Type
1 N 2 5	3 U T 0 0 2 2 9 4 2 11	12 8 9 0 4 1 2 17	18 C	19 S	20 2

Remarks

21 66

Reserved	Facility Evaluation Rating	BI	QA	Reserved
67 69	70	71 N	72 N	73 74 75 80

Section B: Facility Data

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Sunnyside Reclamation & Salvage, Inc . P.O. Box 99 Sunnyside, Utah 84539	2:00 [X] AM [ ] PM	6/1/88
	Exit Time/Date 5:00 pm	Permit Expiration Date 7/31/92

Name(s) of On-Site Representative(s)	Title(s)	Phone No(s)
Karl R. Housekeeper	Environmental Technician	(801) 888-4421

Name, Address of Responsible Official	Title	
Bill Balaz Sunnyside Reclamation & Salvage P.O. Box 99 Sunnyside, Utah 84539	Mine Manager	
	Phone No. (801) 888-4421	Contacted [ ] Yes [ ] No

Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

	Permit		Flow Measurement		Pretreatment		Operations & Maintenance
	Records/Reports		Laboratory		Compliance Schedules		Sludge Disposal
	Facility Site Review		Effluent/Receiving Waters		Self-Monitoring Program		Other:

Section D: Summary of Findings/Comments *(Attach additional sheets if necessary)*

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Telephone	Date
Michael W Herkimer	Bureau of Water Pollution Control	5/4/89
	Bureau of Water Pollution Control	5/4/89
Signature of Reviewer	**Agency/Office**	**Date**
Donald A. Hilden	" " "	5/17/89

Regulatory Office Use Only

Action Taken	Date	Compliance Status
		[ ] Noncompliance [ ] Compliance

EPA Form 3560-3 (Rev. 3-85) Previous editions are obsolete.

COMPLIANCE SAMPLING INSPECTION

SUNNYSIDE RECLAMATION & SALVAGE, INC.

UT0022942

April 12, 1989

DESCRIPTION OF SYSTEM: Sunnyside Reclamation & Salvage, Inc. (SRS) is an underground coal mining operation. SRS took over the coal mines previously owned by Kaiser Sunnyside. It has ten discharge points which are listed on Page 6 of their UPDES Permit. Of these ten discharge points three points normally have discharge of wastewater. These points are:

Outfall No.	Source of Wastewater
001	Mine Water Discharge
002	Mine Water Discharge
015	Mine Water Discharge

Discharge from these three points goes to Grassy Trail Creek.

A settling pond is used to treat the mine water at 001 and 002. At the time of this inspection 001 was not discharging but 002 and 015 were discharging. Point 015 is from tanks that fill with mine water which is used for process purposes in the coal preparation plant. Overflow from the tanks is discharged out 015 with no treatment. On or about March 15, 1989 a spill of an oil/water emulsion occurred in the mine and was discharged at 002. This spill had an impact on Grassy Trail Creek and this inspection was held to assess some of the damages as well as to inform SRS of their responsibilities under their Utah Pollutant Discharge Elimination System (UPDES) Permit.

CREDENTIAL, PURPOSE & SCOPE: Credentials were presented and the purpose and scope of the inspection were explained.

NARRATIVE: On April 12, 1989 Mike Herkimer of the Bureau of Water Pollution control met with Karl Housekeeper of SRS. The checksheet was completed, data observed and an onsite tour of 001, 002 015 and a spill area downstream of 015 was completed. Grab samples were obtained from 002 and 015. The results of the analyses are shown in Table I. It shows that oil & grease at 002 was in noncompliance as of April 12, 1989.

TABLE I

Departme... of Health - Water Pollution Co. .rol

89/05/08 08:48

1989 Lab Analysis Report

Storet No: 493207
Sample Source: 07
Description: KAISER MINE 002
Lab Code: C
Lab Number: 8901728
Sample Date: April 12, 1989
Sample Time: 1700
Sample Type: 04

Laboratory Analyses

T. Sus. Solids, mg/l	26	Oil/Grease, mg/l	11.5
Calcium, mg/l	43	Magnesium, mg/l	37
Potassium, mg/l	6	Sodium, mg/l	410
Sulfate, mg/l	460	T. Hdns/CaCO3, mg/l	259.5
TDS @ 180 C, mg/l	1380	Barium, mg/l	0.041
Copper, ug/l	<20.0	Iron, mg/l	0.36
Manganese, ug/l	110.0	Zinc, ug/l	<20.0

Department of Health - Water Pollution Control

89/05/08 08:48

1989 Lab Analysis Report

Storet No: 493202
Sample Source: 07
Description: KAISER MINE EFFLUENT 015
Lab Code: C
Lab Number: 8901729
Sample Date: April 12, 1989
Sample Time: 1645
Sample Type: 04

Laboratory Analyses

T. Sus. Solids, mg/l	19	Oil/Grease, mg/l	8.8
Calcium, mg/l	46	Magnesium, mg/l	40
Potassium, mg/l	6	Sodium, mg/l	460
Sulfate, mg/l	580	T. Hdns/CaCO3, mg/l	279.4
TDS @ 180 C, mg/l	1552	Barium, mg/l	0.034
Copper, ug/l	<20.0	Iron, mg/l	0.49
Manganese, ug/l	74.0	Zinc, ug/l	<20.0

SUMMARY OF DEFICIENCIES

SUNNYSIDE RECLAMATION & SALVAGE

April 12, 1989

DEFICIENCIES	CORRECTIVE ACTION REQUIRED
1. There was an organic overload at 002 as a result of the spill and discharge of an oil/water emulsion.	1. Eliminate the overload of oil and clean up any environmental damage which has occurred. Specifically, the 002 pond and the associated drainage ditch to Grassy Trail creek. Further enforcement action will probably be taken by the Utah Water Pollution Control Committee.
2. Vegetation growth is quite heavy in and around the inner dikes to pond 002.	2. When pond 002 is cleaned out, vegetative growth on the inside of the dikes and in the pond should be removed.
3. Inlet and outlet structures on pond 002 are in need of maintenance.	3. Repair the inlet and outlet structures to pond 002 such that the pond will operate properly
4. Flow measurement is inadequate and needs further development.	4. A method of measuring and recording flow shall be developed and documented for all discharge points at the mine.
5. Reporting of 30 day average, 7-day average and daily maximum has not been done properly on the Discharge Monitoring Report (DMR) Form.	5. Fill out the DMR form as shown during the inspection. If there are any questions contact Mike Herkimer at 538-6146.
7. No written O&M Manual available.	7. Develop in writing an O&M Manual for the entire water pollution control facilities at the mine. This should include at a minimum preventative maintenance schedules as built drawings, construction specifications, maintenance histories, part inventory lists (kept up to date), instruction files for major pieces of equipment, equipment repair records and emergency equipment and procedures on how to handle spills or accidents.