



0003

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

File

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

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

INSPECTION REPORT

INSPECTION DATE & TIME: Nov. 11, 12, 19, 1987
8:00 a.m to 3:00 p.m.

Permittee and/or Operators Name: Kaiser Coal Corporation
Business Address: P.O. Box D Sunnyside, Utah 84539
Mine Name: Sunnyside Permit Number: ACT/007/007
Type of Mining Activity: Underground Surface Other
County: Carbon
Company Official (s): Barry G. Grosely
State Official(s): Bill Malencik
Partial: Complete: Date of Last Inspection: Oct. 15, 1987
Weather Conditions: Clear, cool, dry mine site
Acreage: Permitted 14475 Disturbed 310 Regraded Seeded Bonded 287
Enforcement Action: None; maintenance items noted herein

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	<u>YES</u>	<u>NO</u>	<u>N/A</u>	<u>COMMENTS</u>
1. PERMITS	(X)	()	()	()
2. SIGNS AND MARKERS	(X)	()	()	(X)
3. TOPSOIL	(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)	()	()	(X)
e. SURFACE AND GROUNDWATER MONITORING	(X)	()	()	()
f. EFFLUENT LIMITATIONS	(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)	()	()	()
10. SLIDES AND OTHER DAMAGE	(X)	()	()	()
11. CONTEMPORANEOUS RECLAMATION	(X)	()	()	()
12. BACKFILLING AND GRADING	(X)	()	()	()
13. REVEGETATION	(X)	()	()	(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)	()	()	()

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(Comments are Numbered to Correspond with Topics Listed Above)

2. SIGNS AND MARKERS:

1. An additional identification sign is needed on the road by the gate in area 7, SE 1/4, SE 1/4, Sec. 6, Twp. 15S, R4W.
2. Additional stream buffer zone signs are needed contiguous to the Grassy Trail drainage where past permitted surface disturbance is under 100 feet from the aforementioned perennial stream channel.

4b. DIVERSIONS:

1. The diversion below the loadout in the W 1/2, NW 1/4, Sec. 5, Twp. 15S, R4W that drains into surface facilities sediment pond needs additional erosion protection measures at the lower end of the diversion. Previous efforts in placing riprap and grout are effective, but need to be supplemented with other measures as discussed between J.R. Fricke and Barry Grosely.
2. The diversion east of the old slurry pond (East Cell) adjacent to road below a silt fence and in SE 1/4, SE 1/4, Sec. 6, Twp. 15S, R4W, needs additional erosion protection.
3. The outlet diversion to pasture sediment pond needs to be deepened in order to prevent sediment buildup in the sediment pond discharge culvert.
4. The diversion adjacent to industrial borrow 2 area and in the NW 1/4, NW 1/4, Sec. 7, Twp. 15S, R4W that currently is designed to flow onto a plastic liner needs to be replaced with a culvert and/or other suitable conveyance structure. This is a steep erodable area. This diversion terminates into a road ditch and thence to the rail cut sediment pond.

4c. SEDIMENT PONDS:

1. Not all sediment ponds had the required principal and emergency spillways. The sediment ponds have been certified and constructed according to detailed plans and specifications approved by OSM/DOGM.

Copy of this Report:

Mailed to: Barry G. Grosely, Kaiser Coal Corp.

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

Inspectors Signature and Number: Bill Malencik #26

Date: Nov. 24, 1987

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The post construction sediment pond certifications were not reviewed; they shall be reviewed at the next inspection by the undersigned inspector.

2. The rail cut sediment pond principal spillway appears to have dampness in the pipe. This may be attributable to the start of a leak. There was no water running out of or adjacent to the culvert. This item requires followup in succeeding inspections by the mine company. Also, signs of rill erosion starting on exposed areas were noted.

Culverts:

1. The unnumbered culvert shown on the map adjacent to and west of industrial borrow area 2 needs inlet cleaning.
2. While this inspection could not take the time to look at each culvert, it suggested that the mine company, in their next inspection, check on road and other culverts to assure themselves that all are in reasonable compliance with the Utah Regulations/Performance Standards. Particular areas to be observed include: (1) plan requirements--size, location, plan vs what is on the ground and (2) functionality inlet and outlet protection as required, erosion, plugging or potential plugging problems.

4d. OTHER SEDIMENT CONTROL MEASURES:

The three rock check dams in Icelander Wash were checked. Additional work is needed on the upper check dam to prevent the possibility of water end running the check dam on the NW side.

13. REVEGETATION:

Several areas were being seeded, fertilized, and mulched during the inspection (11-19-87). These included the surface facilities sediment pond areas, Icelander Wash adjacent to the check dams, and areas near the new coarse refuse sediment pond.

MAINTENANCE:

With the emphasis on prevention, the environmental measures noted above should be maintained before another event puts them out of compliance. It is suggested that maintenance work noted herein be completed before the next inspection.

Inspectors Signature and Number: Bill Malencik #26 Date: Nov. 24, 1987