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INSPECTION REPORT

INSPECTION DATE & TIME: Apr. 27, 28, 29, 1988
see narrative

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 State: Utah
Company Official(s): Barry G. Grosely
State Official(s): Bill Malencik, DOGM and Rade Orell, OSM
Partial: Complete: Date of Last Inspection: Mar. 17, 1988
Weather Conditions: Clear, cold
Acreage: Permitted 14475 Disturbed 310 Regraded Seeded Bonded 287
Enforcement Action: NOV 88-26-11-1; TDN 88-02-107-1; TDN 88-02-107-2-2
Maintenance items included in this report and underscored for easy identification

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)	()	()	(X)
b. DIVERSIONS	(X)	()	()	(X)
c. SEDIMENT PONDS AND IMPOUNDMENTS	(X)	()	()	(X)
d. OTHER SEDIMENT CONTROL MEASURES	(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)	()	()	()
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 <small>an equal opportunity employer</small>	(X)	()	()	()

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(Comments are Numbered to Correspond with Topics Listed Above)

GENERAL COMMENTS:

This complete inspection covered three days, starting noon on April 27 and closing at 12:30 p.m. on April 29, 1988. This was a complete inspection and also an oversight inspection performed by Mr. Rade Orell, OSM, Albuquerque, N.M. The close out was attended by the aforementioned inspectors and representatives of Kaiser Coal Corp., including the new mine manager, chief of the engineering section, and the environmental coordinator.

1. PERMITS:

Permit was issued for a 5-year period on Jan. 6, 1986, and it expires Jan. 5, 1991. A mid-term permit review has been scheduled by DOGM letter of Feb. 28, 1988. DOGM field visit is scheduled for May and Kaiser's first response is tentatively scheduled for July.

Stipulations included as Attachment A to the permit (Federal, UT-0014 and State, ACT/007/007) were part of the mine records and the operator was in compliance with the stipulations. Permit revisions were reviewed and no problems detected.

Kaiser Coal Corp. is self-bonded for \$3,397,349.00. The corporation has filed for and is currently operating under Chapter 11 of the Bankruptcy Act.

Seven small area exemptions were noted in the record and some were observed in the field. These include no. 1 mine outcrop fan, no. 2 mine fan, Pole Canyon and Water Canyon portals, twin shafts, and no. 2 canyon fan. Other allied permit documents were reviewed and no problems noted.

2. SIGNS AND MARKERS:

The coal mine had the required signs and markers on site. The sign at the main entrance should be replaced. It is still legible, but is faded.

4a. STREAM CHANNEL DIVERSIONS:

Some coal fines, presumably from plowing snow, were observed in no. 2 canyon by the last upper switch back. The operator cleaned the coal fines on April 28.

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4b. DIVERSIONS:

The ditch above the SSF pond has shown recent effects of additional erosion protection. The protection includes constructing several rock-grouted check dams as erosion protection and energy dissipators. The operator, as a preventative measure, should consider adding additional protection on the lower end of this diversion.

The diversion on the east side of the pasture pond, west of the clear water pond, and adjacent to the hay field should be given preventative maintenance in order to avoid the risk of runoff entering the hay field.

4c. SEDIMENT PONDS:

The records and field checks were conducted on all sediment ponds, namely, man shaft pond, no. 2 canyon upper pond, no. 2 canyon lower pond, hoist house pond, surface facilities pond, pasture pond, old coarse refuse road pond, refuse toe pond, and railcut pond. All of the aforementioned ponds had a decant and one spillway. A TDN was issued by OSM inspector for this alleged problem. DOGM follow-up action is required on this item.

Several ponds require clean out and some embankment erosion protection as a preventative measure to avoid future problems. The operator mentioned that this work would be performed as soon as the pond conditions are conducive to clean out. Also, on the manshaft pond, the inlet and a runoff channel from the man shaft pad needs additional erosion protection.

The old coarse refuse pond has been replaced by a new pond located below the tracks. The old pond requires follow-up action by the operator. The runoff channel has been cut to bypass the old coarse refuse pond. The spillway culvert is in place. The follow-up action by Kaiser Coal Corp, as a minimum, should be concluded as part of the mid-term review process. The single question is, what useful purpose does the remaining portion of the pond serve and, conversely, what are the liabilities. This inspector's opinion is that the potential liabilities far outweigh the beneficial aspects.

4d. OTHER SEDIMENT CONTROL MEASURES:

The operator failed to provide and/or maintain sediment control measures (817.45(i)(iii), c, d, e, f) on three areas. The areas are; (1) no. 2 canyon, lower end adjacent to the belt line. This is the area where, on two occasions, a water line burst resulting in temporary repairs

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resulting in erosion and untreated runoff and sediment going into the Grassy Trail drainage. Also erosion on the pad adjacent to culvert RC-10-4. (2) Two erosion channels on the train loadout area and (3) erosion on the borrow area east of the E slurry cell. NOV 88-26-11-1 was issued for these three items.

A TDN was issued by the OSM oversight inspector for some runoff that was bypassing a small sediment trap. No runoff was taking place; however, from visual observations it appears a small amount of untreated runoff could have reached Grassy Trail Creek. The operator had cleaned the trap and piled the soil material adjacent to the trap. The trap was functional. This material changed part of the drainage pattern. The operator stated they would correct this problem. A subsequent telephone conversation with Mr. Grosely stated he would have the work completed by COB May 5. The undersigned inspector on May 5 went to the mine site; the required work was performed, and all runoff from the small area is now directed to the sediment trap.

A silt fence adjacent to the surface facilities road was erected during pond construction. The subject silt fence is not a requirement of the MRP; therefore, no maintenance work is required. The undersigned recommends removal; however, removal should be delayed and included as part of the mid-term review process.

Silt fences in no. 2 canyon require minor maintenance.

4e. SURFACE AND GROUND WATER MONITORING:

Water records, both field and laboratory analysis, were reviewed and no apparent problems detected. Water samples were collected from the mine water pond at 10:00 a.m. on April 28, 1988, at the discharge culvert. As for volume, it took about two seconds to fill a five gallon bucket.

Two areas east of the E Slurry Cell have been disturbed. The upper area, approximately 400' x 250' about 2 acres together with a lower area of about equal size, is treated by a silt fence and then is discharged along a road ditch to Icelander Wash. A TDN was issued for the reason that runoff from the two aforementioned areas did not pass through a sediment pond. A review of the records showed these areas were not included in a small area exemption. Perhaps the two areas would qualify for a small area exemption status. This issue should be discussed further at the upcoming mid-term.

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13. REVEGETATION:

Vegetation on the topsoil piles was observed and an excellent stand of perennial vegetation has been established. The hydromulch and seeding completed last fall did not show any signs of seedling emergence. Vegetal report as part of the annual report was reviewed.

14. SUBSIDENCE CONTROL:

Subsidence records were reviewed. These, too, were summarized in the annual report for C.Y. 1987.

16d ROAD MAINTENANCE:

Road maintenance work had started but was not completed. The road to the twin shafts needs to be graded and the ditch cleaned.

Copy of this Report:

Mailed to: Barry Grosely, Kaiser Coal

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

Filed to: PFO

Inspectors Signature and Number: William J. Malencik #26 Date: May 6, 1988