0034 ✓ RE 2-13-87

File

UTAH NATURAL RESOURCES
Oil, Gas & Mining

3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • (801) 538-5340

inspection report

Permit No. ACT/007/007

Inspection Date 1/21/87

Permittee/Operator Name KAISER COAL CORPORATION (KCC)

Business Address P.O. BOX D

City SUNNYSIDE State UTAH Zip 84539

Mine SUNNYSIDE COMPLEX ☐ Surface ☒ Underground ☐ Other

County CARBON State UTAH

Company Official(s) CARL WINTERS

State Official(s) DAVID LOF, RANDY HARDEN AND JIM FRICKE

Time of inspection 12:40 ☐ a.m. ☒ p.m. to 5:00 ☐ a.m. ☒ p.m. ☒ Partial ☐ Complete

Date of last inspection 12/17/86 Weather conditions SUNNY & COOL

Acreage 14,535 ☐ Permitted 287.4 ☐ Disturbed ☐ Regraded ☐ Seeded 287.4 ☐ Bonded

Enforcement Action NONE

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. Permits	☐	☐	☐	☐
2. Signs and markers	☐	☐	☐	☐
3. Topsoil	☐	☐	☐	☐
4. Hydrologic balance				
a – Stream channel diversions	☒	☐	☐	☒
b – Diversions	☒	☐	☐	☒
c – Sediment ponds and impoundments	☒	☐	☐	☒
d – Other sediment control measures	☒	☐	☐	☒
e – Surface and groundwater monitoring	☐	☐	☐	☐
f – Effluent limitations	☒	☐	☐	☒
5. Explosives	☐	☐	☐	☐
6. Development waste and spoil disposal	☐	☐	☐	☐
7. Coal processing waste	☒	☐	☐	☒
8. Noncoal waste	☐	☐	☐	☐
9. Protection of fish, wildlife, and related environmental values	☐	☐	☐	☐
10. Slides and other damage	☐	☐	☐	☐
11. Contemporaneous reclamation	☐	☐	☐	☐
12. Backfilling and grading	☐	☐	☐	☐
13. Revegetation	☐	☐	☐	☐
14. Subsidence control	☐	☐	☐	☐
15. Cessation of operations	☐	☐	☐	☐
16. Roads				
a – Construction	☐	☐	☐	☐
b – Drainage controls	☒	☐	☐	☒
c – Surfacing	☐	☐	☐	☐
d – Maintenance	☐	☐	☐	☐
17. Other transportation facilities	☐	☐	☐	☐
18. Support facilities and utility installations	☒	☐	☐	☒

WHITE – DOGM YELLOW – OSM PINK – PERMITTEE/OPERATOR GOLDENROD – NOV FILE

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4a STREAM CHANNEL DIVERSIONS

RECLAMATION OF THE ICELANDER WASH POND AREA AND THE ASSOCIATED EPHEMERAL STREAM CHANNEL WAS COMPLETED IN LATE OCTOBER 1986. THE RECONSTRUCTION OF THE STREAM CHANNEL INCLUDED THE INSTALLATION OF A SERIES OF LOOSE ROCK CHECK DAMS. MR. FRICKE'S PRIMARY REASON FOR BEING ON-SITE WAS TO INSPECT THE CONSTRUCTION OF THE CHECK DAMS. MR. FRICKE SAID HE WAS SATISFIED WITH THE CHECK DAMS EXCEPT THAT THE ROCK WHICH KAISER USED WAS SMALLER THAN SPECIFIED AND ROUNDED, INSTEAD OF ANGULAR. HOWEVER, MR. FRICKE FELT THAT THE ROCK WOULD PROBABLY BE ADEQUATE BECAUSE IT WAS WELL GRADED, AND THE CHANNEL IS RELATIVELY GENTLE AND HAS A GOOD FLOOD PLAIN COMPARED TO THE CHANNELS THE DESIGN WAS DEVELOPED FOR.

4b. DIVERSIONS

I ASKED MR. FRICKE TO LOOK AT THE DISTURBED AREA RUNOFF DIVERSION THAT RUNS PARALLEL TO GRASSY TRAIL CREEK WEST OF THE BATH HOUSE. MR. FRICKE AGREED THAT LOOSE ROCK CHECK DAMS WOULD BE APPROPRIATE TO CONTROL EROSION IN THE DIVERSION. MR. FRICKE DISCUSSED WITH MR. WINTERS WHAT INFORMATION WOULD HAVE TO BE SUBMITTED TO THE DIVISION FOR REVIEW. PLANS REGARDING THE DIVERSION AND ASSOCIATED CHECK DAMS ARE DUE BY 2/17/87.

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4(c) SEDIMENT PONDS

THE OPERATOR HAD REPLACED THE OIL & GREASE SKIMMING BAFFLE ON THE WHITMORE CANYON MINE WATER POND (002) WITH AN INVERTED 90° CMP ELBOW. THE 90° ELBOW APPEARS TO BE FUNCTIONING PROPERLY HOWEVER IT NEEDS TO BE ALIGNED VERTICALLY SO THAT IT IS AS EFFECTIVE AS POSSIBLE.

4d) OTHER SEDIMENT CONTROL MEASURES

THE OPERATOR HAD DONE SOME GRADING WORK IN THE AREA OF CULVERT C-8 (DRAWING D4-0101) HOWEVER IT WAS STILL NOT TO THE SATISFACTION OF THIS INSPECTOR. AFTER DISCUSSING THE MATTER WITH MR. WINTERS IT WAS DECIDED THAT PERHAPS THE BEST THING TO DO WAS TO REGRADE THE ROAD SO THAT IT TILTS TO THE EAST AND FORMS A DIVERSION TO THE INLET OF C-8. THE OPERATOR WAS ASKED TO COMPLETE THE REGRADING BY THE NEXT INSPECTION.

THE DRAINAGE CONTROLS IN THE #2 CANYON UPPER CROSSING AREA WHICH DIVERT DISTURBED AREA RUNOFF AWAY FROM THE BRIDGE AND INTO THE LOWER #2 CANYON SEDIMENT POND, WERE IN NEED OF MAINTENANCE. I DISCUSSED WITH MR WINTERS THE NECESSITY TO MAINTAIN FLOW PATHS AWAY FROM THE BRIDGE ESPECIALLY DURING THE DIFFICULT WINTER MONTHS. I TOLD MR. WINTERS THAT THIS AREA HAD BEEN THE SUBJECT OF TWO PREVIOUS VIOLATIONS AND THAT AS ACTIVE & VISIBLE AREA AS IT IS THEIR PEOPLE SHOULD HAVE NO PROBLEMS

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MAINTAINING PROPER DRAINAGE. MR. WINTERS SAID THAT AS SOON AS WEATHER PERMITS HE WOULD LIKE TO RAISE THE LEVEL OF THE BRIDGE SO THAT IT IS NO LONGER THE LOW POINT TO WHICH RUNOFF TRIES TO DRAIN. I AGREED WITH MR. WINTERS THAT THAT SOUNDS LIKE A GOOD SOLUTION TO THE PROBLEM.

4f.) EFFLUENT LIMITATIONS

ON 1/27/87 THE DIVISION RECEIVED A MODIFICATION REQUEST FROM KAISER TO HALT THE CURRENT TREATMENT OF THE COARSE REFUSE TOE SEEP (CRTS). THE CRTS WAS THE SUBJECT OF AN NOV SEVERAL YEARS AGO FOR EXCEEDING THE EFFLUENT LIMITATION FOR TOTAL IRON. SINCE THAT TIME KAISER HAS BEEN TREATING THE SEEP WITH FLOCCULANTS AND FILTERING, AND HAS MONITORED THE SEEP AT IT'S SOURCE AND THE PERMIT AREA BOUNDARY. KAISER HAS PROPOSED TO HALT TREATMENT BECAUSE TOTAL IRON LEVELS AT THE SOURCE SEEM TO HAVE DIMINISHED OVER THE YEARS. KAISER WANTS TO SIMPLY MONITOR THE SEEP AND IF IT BECOMES A PROBLEM AGAIN TO START TREATING IT AGAIN.

7) COAL PROCESSING WASTE

THE EAST SLURRY CELL (ESC) WAS VERY CLOSE TO ~~EXCEEDING~~ HAVING LESS THAN 3' OF FREEBOARD. I POINTED THIS OUT TO MR. WINTERS WHO SAID THAT THEY WOULD PROBABLY BE TURNING THE SLURRY BACK INTO SLURRY POND #1

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WITHIN THE NEXT WEEK.

16b) ROAD - DRAINAGE CONTROLS

I TOLD MR. WINTERS THAT THEY HAVE UNTIL 4/15/87 TO CLEAR OUT THE DEBRIS IN THE EPHEMERAL STREAM CHANNEL UNDER THE BRIDGE WHICH CROSSES OVER TO THE OLD COARSE REFUSE HAUL ROAD SEDIMENT POND, OR MAINTAIN THE CHANNEL IN SOME OTHER MANNER.

18) SUPPORT FACILITIES AND UTILITY INSTALLATIONS

THE OPERATOR HAD COMPLETED REPAIRS TO THE WATER SUPPLY LINE WHICH CROSSES THE #2 CANYON CHANNEL. HOWEVER, THE OPERATOR STILL NEEDS TO BACKFILL, GRADE AND REESTABLISH VEGETATION ~~THE~~ IN THE CHANNEL WHERE THE WORK WAS PERFORMED. THE RECLAMATION OF THIS SMALL SECTION OF CHANNEL WILL NOT BE ACCOMPLISHED UNTIL SPRING 1987.

Copy of report mailed to DONNA GRIFFIN - OSM CARL WINTERS - KCC

Copy of report given to SUE LINNER + JOE HELFRICH - DOGM

Inspector's signature [signature] 2/10/87 No. 4

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