9.30.88 0010

UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

inspection report

Permit No. INA/015/004 7095

Inspection Date 9/19-20/88

Permittee/Operator Name Beaver Creek Coal Co.

Business Address P.O. Box 1378

City Price State Ut Zip 84501

Mine Huntington #4 ☐ Surface ☒ Underground ☐ Other

County Emery State Ut.

Company Official(s) Dan Guy.

State Official(s) Wm. J Malencik

Time of inspection ~~8:00~~ 10 a.m. ☒ a.m. ☐ p.m. to ~~:~~ 4 p.m 9/19/88 ☐ a.m. ☒ p.m. ☐ Partial ☒ Complete
10:30 a.m 1 p.m 9/20/88

Date of last inspection 8/4/88 Weather conditions Clear/Cool.

Acreage 2600 ☐ Permitted 125 ☐ Disturbed 12 ☐ Regraded 12 ☐ Seeded 125 ☐ Bonded

Enforcement Action

Followup Item: Soil Testing/Retreatment, Little Bear Spring Sampling 4-1-W. pg. 5.

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. Permits	☒	☐	☐	☐
2. Signs and markers	☒	☐	☐	☐
3. Topsoil	☒	☐	☐	☒
4. Hydrologic balance				
— Stream channel diversions	☒	☐	☐	☐
— Diversions	☒	☐	☐	☐
— Sediment ponds and impoundments	☒	☐	☐	☐
— Other sediment control measures	☒	☐	☐	☒
— Surface and groundwater monitoring	☒	☐	☐	☒
— 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				
— Construction	☐	☐	☐	☐
— Drainage controls	☐	☐	☐	☐
— Surfacing	☐	☐	☐	☐
— 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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Please number comments to correspond with topics on previous page.

General Comments. The mine site was dry. The operator has performed maintenance work as previously outlined in prior inspection reports. The work consisted of regrading and roughting up the bench area on the lower pad; broad cast seeding and installing a new silt fence below the topsoil pile.

Topsoil. The silt fence above the topsoil pile has been removed. Excellent stand of vegetation exists on the entire topsoil pile. A small drainage ditch has been constructed by hand labor on the upper end of the topsoil pile. The purpose of the ditch is to protect the topsoil pile.

Sediment Pond. The sediment pond was dry. Inspection reports performed by the operator are of record and dated 1/14/88, 3/25/88 & 4/26/88. No inspection report for the 3rd Quarter was on file, however 10 days still remain in the quarter for a timely 3rd Quarter inspection. Pond certification is on file and dated July 17, 1984.

Other Sediment Control Measures: As previously mentioned a a) At the closeout the 3rd Quarter report was provided and dated 8/5/88

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new silt fence has recently been installed below the topsoil pile. It consists of two segements. The first segement is contiguous to the barb wire fence and in the same location as the original silt fence. The second segement is a new silt fence located about 20' up drainage from the first segement.

Surface & Groundwater Monitoring Water monitoring records were reviewed for C.Y 88 and are highlighted below:

STATION #	LOCATION	TYPE	FREQUENCY	1988 Sampling Dates
4-3-W	Upper Mill Fk	Int. Stream	Q	3/22, 6/7, 9/17
4-6-W	Inflow Sed Pond	Runoff	M	1/14, 2/22, 3/22, 4/26, 5/16, 6/7, 7/15, 8/5
4-7-W	Outflow " "	NPDES	M	" " " " " " " "
4-8-W	Lower Mill Fk	Int. Stream	Q	3/22, 5/16, 9/17
4-1-W	Little Bear	Spring	M Flow ~~Spring & Fall~~ Q	5/3, 6/8

A check of the records showed that Huntington Run was high and a sample could not be taken even though an attempt was made for the spring as noted herein. The SLC, DOGM records did not contain a copy of the lab analysis on station 4-8-W sampled on 3/22/88. A copy of the analysis (original) was on file at the mine office. Operator is requested to send a copy of the report to DOGM, Attn. Tom Munson.

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DOGM/IR-2

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11/86 001049

INSPECTION REPORT COMMENTS

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Backfilling & Grading: Additional earthwork has been completed by the operator. The work consisted of (1) minor regrading (2) constructing water retention depressions through berms/depressions and riprapping a small drainage ditch. Also, the redisturbed areas were reseeded. The seeding was accomplished by broadcasting and raking. The MRP designated seed mix was utilized in this project. The area involved is on the upper bench on the lower pad and embraces approximately 1/4 acre.

Subsidence Control. The operator because of difficulties in securing high quality data under a cooperative agreement with the USFS has now submitted an amended plan. The plan was approved July 7, 1988. Prior to that the operator subsidence information was provided by the USFS. The USFS utilized a photogrammetric method, which after 8 years of concerted effort did not provide and/or satisfy the needs of all parties to the cooperative agreement. Under the amended plan the operator will conduct a visual inspection and document such findings in the annual report.

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Road. The road into the mine site is now under the control of the USFS and is part of their road network. The operator complied with the USFS requirements ie. (1) making the road narrower by ripping one lane and (2) seeding the ripped portions of the road. A good stand of grass exists on the ripped segement of the road. Some rill erosion is evident on the lower areas and has been retreated by the USFS.

Other The operator has taken and received lab analyses of soil samples taken in areas on the lower and upper pad where the seeded vegetal cover was sparce. It is recommended that the operator together with the DOGM soil specialist analyze the test results as a preparatory step to determine if retreatment is necessary.

On the matter of sampling Little Bear Spring 4-1-W, it would seem that if high water prevents and/or provides a high risk of securing a sample, then the operator should look at other alternatives how the sampling requirement can be met. What is important is that a water sample be taken without risk.

Copy of report mailed to SLC For: OSM/Brian Smith; DOGM/Joe Helfrich

Copy of report given to Beaver Creek Coal Co/Dan Guy.

Inspector's signature Tom J. Malencik No. 26.

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