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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/007/022

Inspection Date 8/7/90

Permittee/Operator Name Beaver Creek Coal Co.

Business Address P.O. Box 1378

City Price State Ut Zip 84501

Mine C.V Spur headout ☐ Surface ☐ Underground ☒ Other

County Carbon State Ut

Company Official(s) Dan Guy.

State Official(s) Bill Malencik, John Pappas

Time of inspection 8:00 ☒ a.m. ☐ p.m. to 3:00 ☐ a.m. ☒ p.m. ☐ Partial ☒ Complete

Date of last inspection 7/26/90 Weather conditions Clear/Warm/Dry Mine Site

Acreage 160 ☐ Permitted 108 ☐ Disturbed ☐ Regraded ☐ Seeded 108 ☐ Bonded

Enforcement Action Follow up Items Noted Herein & summarized on Page 6.

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. This complete inspection covered the field environmental control measures, followed by a records review and thence a close out with the operator.

Records. The following records were on file at the mine office and reviewed by the undersigned.

- Permit approved for a five year period and effective 8/7/89.
- Stipulation UMC 817.23 (HS)(1) verifying the volume of topsoil was completed and approved on 9/6/89.
- Reclamation bond including the increase rider amounts to $2,017.669.00 Bond is good for the life of the permit.
- Liability insurance policy covering period 1/1/90 to 1/1/93 was on file.
- UPDES permit # UTG040005 covering period 5/4/89 to 4/30/93. UPDES reports for C-Y submitted 4/26/90 and 7/30/90, showed no discharge from outfall 001A (Sed Pond #6).
- Annual Report submitted to the Division on 3/29/90.
- Water Monitoring Records. Water records were reviewed and following information high lights the results:
  - 12 stations all except one station are Bi Annual. the one station being the sediment pond is monthly. Required records were on file.

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Inspector's signature _____ No. _____

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· Sediment Pond

Δ Inspections performed by operator on ponds 1, 2, 3, 6 & 5 and dated 2/20/90, 3/20/90, 4/11/90 and pond 4. The latter is not a sediment pond. Operator pond inspections meet the current requirements.

Δ Certification on ponds, plate 7-4 was signed by Dan Guy on 4/3/84.

· Road certification on record and dated 4/20/90.

· SPCC plan dated 3/1/90 and certified.

· Refuse Pile

Inspections dated 3/29/90 and 6/26/90

· Special use permit from the D&RG; air quality authorization & inspection report from the Ut. Dept of Health.

Pending Issues

· Division has approved, subject to the operator revising & submitting updated plans on two items, namely, four BTCA's (areas exempt from reporting to a sediment pond) and two coal storage areas. One coal storage area resulted in the operator eliminating and covering the

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thickner pond with suitable soil material.

Field Environmental Control Measures.

Signs & Markers. All required signs and markers were in place at the mine site. It would be helpful if additional markers would be installed on the west side near the haul road where the disturbed area no longer follows the fence line. This has equal application to the northerly portion of the property.

Dimensions. All dimensions were checked and no significant problems were noted. However, the ditches in some areas did not meet the design demensions being slightly over or under design measurements. However, ditches appeared to be stable and no short circuiting was observed. One piping hole (30"x 36" & 7' deep was observed north of the coal storage area, between ditch DD1 & CD 6. Since the hole lies in an undisturbed area it is questionable what measures if any can be taken without the use of heavy equipment. The hole lies in a natural drainage.

Culverts C-9 & C-12 need to be corrected so the conditions on the ground will match with plan requirements. C-12 is a 12" culvert and C-9 a 14" steel pipe. No evidence that either culvert is not adequately carrying the designed runoff

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Sediment Pond & Impoundments. Ponds 5 & 6 contained water. All remaining structures were dry; however, the bottoms were wet and boggy. All ponds appear to have adequate sediment capacity. Sediment ponds 1, 2 & 3 were measured. Pond 1 appears to be in need of cleaning. The upper end has been cleaned, but the wet conditions prevented finishing this task. Operator must clean pond #1 before Sept 30, 1990 (approximately 60 days).

Other Sediment Control. Silt fences/straw bales were observed through out the disturbed area and no problems noted. Silt fence and berm provides treatment for one of the BTCA areas.

Non Coal Waste. Non coal waste is being handled by the operator in an efficient manner. Dumpsters contain non-coal waste. Some material was being separated on the refuse pile that needs to be placed in the dumpster. Also a portion of a culvert is located in a ditch near the pumphouse that needs to be removed.

Revegetation. Test plots (vegetation) on the refuse pile and near the pump house show very few desirable plants and is considered a failure, perhap due to drought and other conditions.

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Followup Action 8/8/90

The matter of the piping hole was discussed with DOGM management. It was concluded that since the piping hole is in a natural undisturbed drainage, the operator should repair the piping hole. The hole should: (1) Be filled with like or better material (soil), (2) Compacted (3) Reseeded with seed mix as planted on the test plot and only utilize hand equipment on this project.

✓ The impoundment, pond 4 records should be updated.

✓ The operator must clean pond 1 before Sept. 30, 1990.

✓ The non-coal waste must be cleaned-out of the refuse material before the refuse is regraded & compacted.

✓ Culverts C-9 & C-12 ~~needed~~ require an updated map to reflect conditions that currently exist on the ground.

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Inspector's signature [signature] No. 26.

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8/8/90