STATE OF UTAH
NATURAL RESOURCES
Division of Oil, Gas & Mining
3 Triad Center · Suite 350 · Salt Lake City, UT 84180-1203 · (801) 538-5340



# inspection report

☐ Partial
☑ Complete
☐ Exploration

Inspection Date: November 18, 1998
Time: 8 :00 ☑am ☐pm to 2 :00 ☐am ☑pm
Date of Last Inspection: 10/16/98

Mine Name: HORIZON County: Carbon Permit Number: ACT 007/020
Permittee and/or Operator's Name: Horizon Mining, LLC
Business Address: P.O. Box 599, Helper, UT 84526
Type of Mining Activity: ☑ Underground ☐ Surface ☐ Prep. Plant ☐ Other
State Officials(s): Bill Malencik
Company Official(s): Larry Jones, Vicky Miller
Federal Official(s): NA
Weather Conditions: Pt. Cloudy, Temp 40°
Existing Acreage: Permitted-317 Disturbed-9 Regraded-____ Seeded-____ Bonded-9
Increased/Decreased: Permitted-____ Disturbed-____ Regraded-____ Seeded-____ Bonded-____
Status: ☐ Exploration / ☑ Active / ☐ Inactive / ☐ Temporary Cessation / ☐ Bond Forfeiture
☐ Reclamation (☐ Phase I / ☐ Phase II / ☐ Final Bond Release / ☐ Liability____Year)

## REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions
1. Substantiate the elements on this inspection by checking the appropriate performance standard.
   a. For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
   b. For partial inspections check only the elements evaluated.
2. Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

| | EVALUATED | N/A | COMMENTS | NOV/ENF |
|---|---|---|---|---|
| 1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE | ☑ | ☐ | ☑ | ☐ |
| 2. SIGNS AND MARKERS | ☑ | ☐ | ☐ | ☐ |
| 3. TOPSOIL | ☑ | ☐ | ☑ | ☐ |
| 4. HYDROLOGIC BALANCE: | | | | |
| a. DIVERSIONS | ☑ | ☐ | ☑ | ☐ |
| b. SEDIMENT PONDS AND IMPOUNDMENTS | ☑ | ☐ | ☑ | ☐ |
| c. OTHER SEDIMENT CONTROL MEASURES | ☑ | ☐ | ☐ | ☐ |
| d. WATER MONITORING | ☑ | ☐ | ☑ | ☐ |
| e. EFFLUENT LIMITATIONS | ☑ | ☐ | ☑ | ☐ |
| 5. EXPLOSIVES | ☑ | ☐ | ☑ | ☐ |
| 6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES | ☐ | ☐ | ☐ | ☐ |
| 7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS | ☑ | ☐ | ☑ | ☐ |
| 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/MAINTENANCE/SURFACING | ☑ | ☐ | ☐ | ☐ |
| b. DRAINAGE CONTROLS | ☑ | ☐ | ☐ | ☐ |
| 17. OTHER TRANSPORTATION FACILITIES | ☑ | ☐ | ☐ | ☐ |
| 18. SUPPORT FACILITIES/UTILITY INSTALLATIONS | ☑ | ☐ | ☐ | ☐ |
| 19. AVS CHECK (4th Quarter-April, May, June)____(date) | ☐ | ☐ | ☐ | ☐ |
| 20. AIR QUALITY PERMIT | ☑ | ☐ | ☐ | ☐ |
| 21. BONDING & INSURANCE | ☑ | ☐ | ☐ | ☐ |

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## INSPECTION REPORT COMMENTS

Permit No. Act 007/020

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Please number comments to correspond with topics on previous page.

General Comments: A complete inspection was conducted of the Horizon Mine. The permittee participated in the inspection including the mine manager, surface foreman and consultant.

RECORDS: Mine records reviewed included the following significant records:

- PERMITS REVIEWED:
  - DOGM permit issued 11/6/97, expires 10/11/2001
  - BLM, ROW underground permit
  - Surface Estate & Mineral Estate from Hidden Splendor
  - MSHA authorization
  - Water Lease
  - UPDES permit on pond outfall expired, the permittee requested a renewal plus a mine water outfall, its pending approval by DEQ. The mine is on a temporary approval by DEQ.
  - BLM has awarded a coal lease to Horizon Mining, LLC, for federal coal, surface estate owned by five parties, however, the permittee has not submitted an application for a state permit with the Division
- Blasting plan amendment is pending a response from the permittee amend showing on a certified surface facilities map where such facilities will be located.

Copy of report mailed to ~~HORIZON/Vicky Miller, OSM/Henry Austin, DOGM/Joe Helfrich~~

Copy of report given to Price Field Office

Inspector's signature Tom J Malmik No. 26

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

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Mandatory Inspections Conducted By Mine Included:

- Quarterly sediment pond inspection was completed and a report dated 11/16/98 for the fourth quarter
- Annual sediment pond inspection was completed and included in the 1997 annual reports
- Refuse Pile inspection was conducted by the mine and dated 11/16/98

Annual Report was submitted to the Division for C.Y 1997 on April 20, 1998.

Water Monitoring for the fourth quarter according to mine records were field sampled on 10/7/98. The files do not show when the information was submitted to the Division, The reports were received from the lab on or a few days after 10/26/98. i.e., date of the analytical report.

UPDES discharge report for pond which includes mine water was prepared by Ms Bailey and dated 10/26/98 for the last month; however, there was no transmittal letter indicating when the report was submitted to DEQ and others.

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Field. The following are significant items for notation in the November report:

- The coal waste pile has increased since the last inspection in October.
- The compliance/relief matter on coal waste is under consideration by the Division; however is predicated on a written documentation and firm commitment by the permittee before any relief will be acted on by DOGM Management. Mr. Heltrich and the undersigned met and discussed this matter on 11/17/98.
- Mine water is currently discharged into a ditch and thence to a sediment pond as approved by DEQ and the Division.
- The topsoil/reparian areas not previously seeded were seeded, at the same time the sediment pond embankment was also seeded. The seeding was completed in October.
- Suggested a small sump be installed in front of two culverts that discharge mine water.

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