



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

## INSPECTION REPORT

*8/9/99*

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
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Michael O. Leavitt  
Governor  
Lowell P. Braxton  
Division Director

Partial:\_\_\_ Complete: XXX Exploration:\_\_\_  
Inspection Date & Time: 10/14/99 / 9:00a.m.-1:30p.m.  
Date of Last Inspection: 8/16/99 & 9/10/99

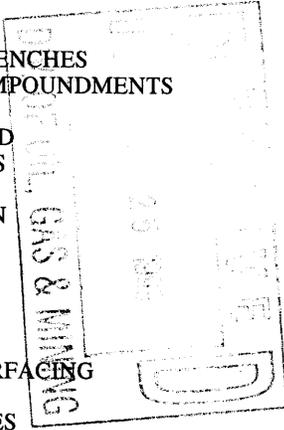
Mine Name: Horizon Mine County: Carbon Permit Number: ACT/007/020  
Permittee and/or Operator's Name: Horizon Mining LLC  
Business Address: PO Box 599, Helper Utah 84526  
Type of Mining Activity: Underground XXX Surface\_\_\_ Prep. Plant\_\_\_ Other\_\_\_  
Company Official(s): Vicky Miller  
State Officials(s): Bill Malencik Federal Official(s): None  
Weather Conditions: Partly Cloudy, 60's  
Existing Acreage: Permitted-317 Disturbed-9 Regraded-\_\_\_ Seeded-\_\_\_ Bonded-9  
Increased/Decreased: Permitted-\_\_\_ Disturbed-\_\_\_ Regraded-\_\_\_ Seeded-\_\_\_ Bonded-\_\_\_  
Status: Exploration/ XXX 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

- Substantiate the elements on this inspection by checking the appropriate performance standard.
  - 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.
  - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- 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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. TEMPORANEOUS RECLAMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June) _____ (date)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



**INSPECTION REPORT**  
(Continuation sheet)

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PERMIT NUMBER: ACT/007/020

DATE OF INSPECTION: 10/14/99

(Comments are Numbered to Correspond with Topics Listed Above)

**GENERAL COMMENTS**

A complete field inspection was conducted on 10/14/99, of the Horizon Mine. The permittee was represented by Vicky Miller, Consultant. The mine is not producing coal. Three employees were on the job during the inspection.

**Compliance/Division Order**

Division Order and a midterm review has been addressed by the permittee. Also, was informed that several submissions will be forwarded to the Division next week.

Alerted the permittee about two items that need attention before next spring.

Item #1: The seeded disturbed area needs to be protected from livestock grazing before the livestock are in the area next spring.

Item #2: A berm and silt fence should be used in lieu of straw bales. This will require an approved amendment.

**1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE**

**UPDES Application**

A UPDES permit has been issued covering the pond 001. The permittee submitted an amendment to cover the new discharge for 002. This addition of 002 to the UPDES permit has been approved by DEQ and covers the mine water discharge per new outfall 002.

**BLM Federal Coal Lease**

BLM has awarded Horizon a federal lease on 1288 acres. A completed application was submitted and declared complete by the Division on 6/4/99. However, the permittee stated the complete package was returned to the consultant.

**4A. HYDROLOGIC BALANCE: DIVERSIONS**

The two main diversions, Jewkes Creek and Portal Canyon, plus internal smaller diversion have been designed and approved by the Division.

Two diversions were flowing during the inspection, IE., Jewkes Creek, undisturbed diversion and the disturbed diversion containing mine water that discharges into the sediment pond.

**4B. HYDROLOGIC BALANCE: SEDIMENT PONDS**

The fourth quarter pond inspection report was inspected and reported on 10/13/99. The report was certified. The pond was discharging.

# INSPECTION REPORT

(Continuation sheet)

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## 4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

The mid-term Division team reported in their formal report that the straw bales providing sediment control needs to be maintained. These controls lie below the sediment pond. The foregoing straw bales were in place and observed during the instant inspection.

## 4D. HYDROLOGIC BALANCE: WATER MONITORING

Water monitoring on 002 has been completed underground. The station will be placed within the mine portal. A gauge has been ordered by the company. The water monitoring was completed for the third quarter. The report was dated 9/27/99.

## 5. EXPLOSIVES

Powder and cap magazines are stored on site as approved by amendments dated 3/12/99. No blasting has taken place during the reporting period. The MRP, as approved by Mr. Helfrich, is correct, as validated on the instant inspection. The original permit was deficient.

## 7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

The matter of coal mine waste has been settled with this understanding that what was referred to as coal waste is high ash coal. This was documented in the board chairman's decision.

On page 11 of the interlocutory order, Chairman Lauriski stated, " DOGM conceded that the pile in question, called the coal waste pile, is a high ash coal pile." Also, he granted temporary relief on Division Order 1, 2, and 4; further, upheld 3a and 3b with exception of identifying the coal waste pile as a waste pile.

Coal waste, as originally approved by the Division, provides for temporary storage on the mine pad. Permanent or final disposition was not authorized in the original MRP. An amendment was approved October 98 authorizing permanent storage of existing coal waste for utilization at the Sunnyside Cogeneration permit area and thence to the adjoining power plant.

The mine had pulled back the coal piles from the road. The pile is about 20 feet from the road ditch.

## 8. NONCOAL WASTE

The dumpster was nearly full. Some non-hazardous noncoal waste was observed around the dumpster and needs to be placed in the dumpster.

## 15. CESSATION OF OPERATIONS

Was advised the permittee will request a cessation of operations since the mine will not be operational.

INSPECTION REPORT  
(Continuation sheet)

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**20. AIR QUALITY PERMIT**

The permittee's air quality order issued by DEQ authorizes 2000 tons of coal to be stored on the surface. The current storage of coal exceeds the DEQ permitted limits. This is based on Wayne Western's measurements as documented in the file. The air quality order needs to be updated before mining to cover equipment and amount of coal that will be mined and stored on the mine site.

**21. BONDING AND INSURANCE**

The bonding and insurance documents are of record and are contained in the inspections looseleaf booklet maintained by the mine.

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas, and Mining.

Copy of this Report:

Mailed to: David Miller/Vicky Miller (Horizon/EarthFax) Henry Austin (OSM)  
Given to: Pam Grubaugh-Littig (DOGM) Filed to: Price Field Office  
Date: October 20, 1999

Inspector's Signature:



Wm. J. Malencik

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