



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

## INSPECTION REPORT

*SW by  
[Signature]*

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

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Partial: \_\_\_\_\_ Complete: XXX Exploration: \_\_\_\_\_  
Inspection Date & Time: 9/13/2000 / 9:00a.m.-4:00p.m.  
Date of Last Inspection: 8/31/2000

Mine Name: West Ridge Mine County: Carbon Permit Number: ACT/007/041  
Permittee and/or Operator's Name: West Ridge Resources, Inc.  
Business Address: P.O. Box 902, Price, Utah 84501  
Type of Mining Activity: Underground XXX Surface \_\_\_\_\_ Prep. Plant \_\_\_\_\_ Other \_\_\_\_\_  
Company Official(s): Mike Glasson  
State Official(s): Peter Hess Federal Official(s): Henry Austin  
Weather Conditions: Sunny, Mild, 60-80 degrees Fahrenheit  
Existing Acreage: Permitted 2660.27 Disturbed 26.19 Regraded \_\_\_\_\_ Seeded \_\_\_\_\_  
Status: Exploration \_\_\_\_\_ Active XXX Inactive \_\_\_\_\_ Temporary Cessation \_\_\_\_\_ Bond Forfeiture \_\_\_\_\_  
Reclamation (Phase I \_\_\_\_\_ Phase II \_\_\_\_\_ Final Bond Release \_\_\_\_\_ Liability \_\_\_\_\_ Year \_\_\_\_\_)

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

- 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS 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 type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4 <sup>th</sup> Quarter- April, May, June)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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)

PERMIT NUMBER: ACT/007/041

DATE OF INSPECTION: 9/13/2000

( COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE )

**Note:** A complete inspection of the West Ridge Mine surface facilities and the internal records associated with that site was conducted on September 13, 2000. Mr. Henry Austin, Reclamation Specialist with the United States Department of the Interior/Office of Surface Mining, Denver Field Office, accompanied this individual during the course of the inspection.

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

The permittee currently has three permit amendments in the review process. These are:

- 1) ACT/007/041-DO00A-1, which is the submittal relative to the Mine's "as-built" maps, drawings, and text revisions. The Division's review relative to hydrology is pending.
- 2) ACT/007/041-AM00G, which is the permit amendment relative to the pump house located down Canyon of the "C" Canyon security gate. The pump house is owned by the permittee, but is located on the East Carbon City six inch water supply line. This amendment is under review in the Price Field Office.
- 3) ACT/007/041-AM00F, which is the permittee's first annual evaluation of the Experimental Practice for insitu topsoil storage at the site. Same addresses questions aired by the Division and also contains a soil's monitoring program. This amendment is being reviewed by the Salt Lake staff.

### 3. TOPSOIL

There are two topsoil storage locations located within the disturbed area perimeter. These are:

- 1) The area at the extreme end of the upper right hand fork of "C", just below the inlet of the undisturbed by-pass culvert. This is the primary storage area; the resource is preserved through the use of a berm at the base of the NE slope, and through a silt fence on the sides and toe of the SW slope. Vegetation on this pile is still being established.
- 2) The other area is on the embankment which separates cell "A" from cell "B" of the dual cell sediment pond. The material is referred to as "colluvial growth medium" in the MRP, but is designated as "topsoil storage" by the sign in place on the embankment. To date, there is no effective means of resource protection in place. No erosion of the embankment was observed.

### 4a. HYDROLOGIC BALANCE: DIVERSIONS

All diversions appeared to capable of functioning as designed. Several ditches have a need to be redefined, due to silt buildup in the channels. This will be an ongoing maintenance item until the filled areas have compacted and erosion protection can be reestablished on the fill areas and cut banks.

### 4b. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The second quarter impoundment inspection for the site's dual cell sediment pond was conducted by Mr. Glasson on June 30, 2000. There was no sign of instability or erosion noted by Mr. Glasson during his inspection.

## INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: ACT/007/041

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Today's field inspection of the pond did not reveal any problems. Both cells contained some water, that being well below the discharge elevation of the primary spillway.

The annual impoundment certification for the sediment pond was reviewed. Same was in good order.

#### 4c. **HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES**

The site currently has two approved ASCA's, with a third (the West Ridge pump house area) undergoing the permitting process. The first is the primary topsoil storage area mentioned above; the second is the office pad area located SW of, but immediately adjacent to, the dual cell sediment pond.

The topsoil storage area was permitted during the PAP approval process. The office pad area or "ASCA Z" was re-permitted through ACT/007/041-AM00E, and changed the treatment method from total containment to the treatment of runoff through an oil/grease separator; thence to a 12-inch culvert (DC-16) to the main undisturbed bypass culvert. The revegetation of the inslopes will also be considered to be part of the treatment.

Although AM00E has received Division approval, the permittee has not had the opportunity to implement the approved changes.

#### 4d. **HYDROLOGIC BALANCE: WATER MONITORING**

Discharge monitoring reports for the sites two UPDES discharge points were reviewed for the months of May, June, and July. Neither outfall has ever discharged. All reports have been submitted in a timely fashion. Mr. Austin discussed the possibility of performing DMR submittal in an electronic format, particularly when a "no discharge" situation occurs.

The permittee is submitting quarterly water monitoring reports to the Salt Lake Division electronically. The 2<sup>nd</sup> quarter water monitoring data was reported as being ready to submit by the water monitoring contractor to the permittee on August 21, 2000. It is not known if this data has been submitted to the Division as of this September 13, 2000 inspection date.

A review of several lab analysis sheets from the May-June sampling period did not reveal any abnormalities relative to chemistry. All cation/anion balances were within the acceptable error range.

#### 4e. **HYDROLOGIC BALANCE: EFFLUENT LIMITATIONS**

The site's current UPDES discharge permit is in effect until April 30, 2003.

#### 5. **EXPLOSIVES**

The permittee has not conducted any surface blasting activities recently. The permittee will contract this type of work out through Nielsen Construction, should it ever be necessary. It was suggested to Mr. Glasson that the permittee obtain copies of the surface blaster's certification for Mine site files, prior to any surface blasting work at the site. This will meet the requirements of R645-301-524.120.

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(Continuation sheet)

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The site's explosive and detonator storage magazines are located in the upper right fork, just below the primary topsoil storage area. Same appear to meet all requirements of State and Federal explosives law relative to storage.

The permittee's general liability insurance, which is effective through July 1, 2001 provides for coverage relative to usage of explosives at the site.

**9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES**

The permittee is aware that the spill prevention control and countermeasure plan will be in need of recertification by an engineer professionally registered in the State of Utah sometime during December of 2000.

**16b. ROADS: DRAINAGE CONTROLS**

As noted in the August, 2000 inspection report for the site, road drainage was reporting under the Jersey barriers located at the head of the slope directly above the ENE end of the truck loading loop. The permittee has placed earth material at the base of the guard barriers in this area to redirect flows away from the fill slope. This will prevent additional cutting of these rills. The permittee has also raked the rills which were felt to be significant.

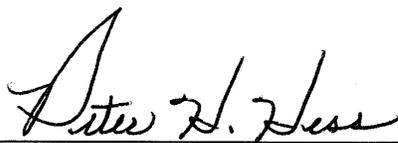
**18. SUPPORT FACILITIES/UTILITY INSTALLATIONS**

The permittee has installed a bulk storage tank (approximately 10,000 gallon) for magnesium chloride on the upper level storage pad. Mr. Glasson has been instructed to include this addition to the surface facilities map when Map 5-5, Revision #8 is submitted with the next round of "As-builts".

**21. BONDING AND INSURANCE**

The disturbed area is currently bonded for \$2,117,000.

Inspector's Signature: \_\_\_\_\_

  
Peter H. Hess

#46

Date: September 18, 2000

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

sd

cc: James Fulton, OSM  
Mike Glasson, West Ridge  
Price Field office

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