



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

Handwritten initials/signature

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

Partial:___ Complete: X Exploration:___
Inspection Date & Time: 5/21/93 7:15 am - 12:00 pm
Date of Last Inspection: May 21, 1993

Mine Name: Soldier Canyon County: Carbon Permit Number: ACT/007/018
Permittee and/or Operator's Name: Soldier Creek Coal Company/Savage Coal Company
Business Address: P.O. Box I, Price, UT 84501
Type of Mining Activity: Underground X Surface___ Prep. Plant___ Other___
State Official(s): Sharon Falvey
Company Official(s): Tom Paluso
Federal Official(s): None
Weather Conditions: Clear, warm temperature
Existing Acreage: Permitted- 4910 Disturbed- 24 Regraded-___ Seeded-___ Bonded- 95.2
Increased/Decreased: Permitted-___ Disturbed-___ Regraded-___ Seeded-___ Bonded-___
Status: ___Exploration/ X 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.

Table with 4 columns: EVALUATED, N/A, COMMENTS, NOV/ENF. Rows include categories like PERMITS, CHANGE, TRANSFER, RENEWAL, SALE; SIGNS AND MARKERS; TOPSOIL; HYDROLOGIC BALANCE; EXPLOSIVES; DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES; COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS; PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES; SLIDES AND OTHER DAMAGE; CONTEMPORANEOUS RECLAMATION; REVEGETATION; SUBSIDENCE CONTROL; CESSATION OF OPERATIONS; ROADS; OTHER TRANSPORTATION FACILITIES; SUPPORT FACILITIES/UTILITY INSTALLATIONS; AVS CHECK; AIR QUALITY PERMIT; BONDING & INSURANCE.

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PERMIT NUMBER: ACT / 007 / 018 DATE OF INSPECTION: May 21, 1993

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

- a) A portion of Division Order 92A was required to be submitted on March 21, 1993. The submittal was received at the Division on March 29, 1993. The remaining portion of D.O. 92A is to be submitted on June 1, 1993.
- b) The operator obtained approval to submit the annual report by April 30, 1993. The Division received the report on April 28, 1993. The following itemizes some clarification issues in the submittal.

The certified pond report includes information on the total design volume in the pond. Regulation R645-301-514.312 requires a description of the existing storage. The operator has indicated the pond will be surveyed within the following weeks. This survey information should be submitted as an addendum to the annual report information.

When a site is not accessible the operator should state what factor made the site inaccessible. This information is included in the field notes but should be included on submitted data sheets.

The operator indicates the NPDES results were submitted to the Division. The dates of submittal are included in the summary sheet. The summary should be used for discussion of anomalous information such as the high 18 mg/l oil and grease noted at site G-5(lower Soldier Creek) on February 27, 1992. The operator should also reference the submitted Quarterly Surface and Ground Water monitoring.

3. TOPSOIL

The topsoil site was inspected. Ditches and drainages appear to be functioning adequately although no design measurements were analyzed. Vegetation appears to be successfully inhabiting the topsoil piles. Weedy species from the previous season die-back were evident. However, it appeared that fewer weedy species are re-inhabiting the site at this time. Site inspection by a Biologist would allow determination of the representative quantity of weedy species at the site.

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4. **HYDROLOGIC BALANCE:**

a. **DIVERSIONS**

The diversions observed were clear of obstructions.

b. **SEDIMENT PONDS AND IMPOUNDMENTS**

The operator is preparing to clean out the deposited sediment from the pond. The operator is currently looking at disposal methods.

Addition of a silt fence was installed by the operator at the edge of the pond embankment where a small amount of water from the embankment pours over the edge. At the point where this pour-over occurs the embankment outslope acts as the streambank for Soldier Creek. The site of the embankment is steeply sloped and would be difficult to vegetate. The outslope of the pond is not considered a disturbed area by definition.

The sewage lagoon was observed. The road ditch adjacent to the lagoon was cleared and regraded so additional drainage from above the road did not enter the lagoon. A small corner of the lagoon was being eroded from receiving runoff from a small drainage area above the lagoon and was filled with gravel riprap to prevent additional erosion from occurring at that point.

d. **WATER MONITORING**

Third quarter DMR's for NPDES discharge points were received at the Division for out-fall 001 through 004. The Division received the First Quarter 1993, water monitoring data on May 03, 1993. The sampling is proposed to be completed in February however many of the sites were inaccessible at that time according to the report. The only sample points collected were G-5 and underground sites UG-1N, UG3W, UG5E, UG10E, and UG11E. Site U-11E continues to produce considerable inflow. The latest flow measurement was 121.8 gpm. with a pH of 8.4 and conductivity reading 1692 mho/cm on May 20, 1993.

e. **EFFLUENT LIMITATIONS**

A water sample was obtained for MW-2. Sampling analysis will be completed for Oil and Grease and Total Dissolved Solids. Additional water laboratory sampling requested was pH and conductivity. The approximate flow rate was 169 gallons per minute at the time of sampling.

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19. AVS CHECK

The operator preparing to sell the mine. Mr. Paluso was informed of the regulatory requirements for permit transfer. I indicated regulations R645-303-300 including R645-301-100 would need to be addressed. Other applicable regulations are referenced under R645-301-300. No organization changes have occurred at this time according to Mr. Paluso.

20. AIR QUALITY PERMIT

Annual report

The operator included visual emissions field sheets within the annual report. The date of certified signature is dated prior to the date of report. The pre-dated certification invalidates the certification report.

21. BONDING & INSURANCE

Insurance with \$300,00 limit for each occurrence and \$500,000 aggregate limit is issued by Travelers Indemnity Co. effective January 1, 1991 and is good until cancelled.

The policy includes a commitment of thirty day notice to the Division if cancelled, with a statement noting, "failure to mail such notice shall impose no obligation or liability of any kind upon the company, it's agents or representatives".

The most recent Bond rider amends the acreage covered from 24.0 to 95.2 acres. The total acreage bonded includes the proposed waste rock site for which the only current disturbances include what was disturbed for access to gather baseline information and associated wells. The Bond amount was increased from \$1,940,000.00 to 3,238,000.00 effective January 17, 1992. The current proposed amendment for the waste rock site is not approved at this time, therefore the operator is over bonded.

Copy of this Report:

Mailed to: Marcia Petta (OSM), Tom Paluso (SCCC)

Given to: Joe Helfrich (DOGM), Daron Haddock (DOGM)

Inspector's Signature: Sharon K Falvey #38 Date: 5/26/93