



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

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Michael O. Leavitt
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Partial: Complete: XXX Exploration:

Inspection Date & Time: 4/14/2000 / 7:30a.m.-2:15p.m.

Date of Last Inspection: 3/7/2000

Mine Name: Willow Creek Mine County: Carbon Permit Number: ACT/007/038

Permittee and/or Operator's Name: Plateau Mining Corporation

Business Address: 847 Northwest Highway 191, Helper, Utah 84526

Type of Mining Activity: Underground XXX Surface Prep. Plant Other

Company Official(s): Vicky Miller

State Officials(s): Peter Hess Federal Official(s): None

Weather Conditions: Windy, Cloudy, Cool, 50's

Existing Acreage: Permitted- 14,670 Disturbed- 161.55 Regraded- Seeded- Bonded- 161.55

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

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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 checked="" 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 type="checkbox"/>	<input type="checkbox"/>

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(Continuation sheet)

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(Comments are Numbered to Correspond with Topics Listed Above)

2. SIGNS AND MARKERS

The perimeter markers in Gravel Canyon and Crandall Canyon should be repainted to enhance their visibility.

4a. HYDROLOGIC BALANCE: DIVERSIONS

The water bar on the loadout side of the Price River bridge crossing should be enhanced. This is a high maintenance item as it receives a lot of vehicular traffic.

All other diversions which were inspected appeared to be capable of functioning as designed.

4b. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The first quarter impoundment inspections for the Willow Creek site were conducted by Mr. Pappas on March 28-29, 2000. The March 29, 2000 inspection of pond 001A was the first since completion of the new necessary work on the primary and secondary spillways. ACT/007/038-AM00A-1, sediment pond 001A as-built is under review at this time in the Salt Lake Office. Due to coal fines which were placed in the impounding embankment during the construction of pond 001A, a new stability analysis of that embankment is part of the submittal.

Inspections for pond 013A (MSHA pond at the toe of the School House Canyon refuse facility) are performed by Mr. Roland Tallerico of the Willow Creek Mine Safety Dept. Inspections are performed weekly; no hazards have been noted of late. Pond 013A receives mine water from 001A on a regular basis.

Today's field inspection of the peninsular embankment between pond 013A and its emergency spillway did not reveal additional movement. Repairs were made to same following the October '99 complete inspection by placing bentonite and fill in the void.

4d. HYDROLOGIC BALANCE: WATER MONITORING

The permittee is awaiting the analytical reports necessary to submit the 1st quarter 2000 water monitoring report.

EPA discharge monitoring reports for the site were reviewed for the months of January and February, 2000. None of the Willow Creek outfalls experienced flows during these months. DMRs are submitted in a timely fashion.

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10. SLIDES AND OTHER DAMAGE

During the earlier part of the day, the March 6, 2000 earthquake damage which blocked ditch CGD-5 (undisturbed bypass above SW to NE side of waste rock facility) in School House Canyon was observed by upper management from UDNR/OGM and the US Dept. of Interior, Office of Surface Mining. The permittee is preparing an amendment to reconfigure this portion of the surface drainage plan to mix the undisturbed flows associated with CGD-5 with refuse pile runoff. The motivation behind this is relative to the safety of the dozer operator cleaning ditch CGD-5. The escarpment above CGD-5 is well fractured and fragile. Machine generated ground vibration could bring down additional material. Submittal of this amendment is pending.

14. SUBSIDENCE CONTROL

The 1999 annual subsidence report for the Willow Creek site has been submitted as Appendix B of the annual report. The subsidence monitoring regime for the site consists of six control points and 158 surface monitoring points. Of these, only CPSS-B37 and CPSS-BC16 showed deflections greater than six feet. All other points which were checked showed deflections less than one foot. As noted in page one of the subsidence monitoring report, longwall mining at Willow Creek began in mid-1998. A fire in the D-1 panel occurred on November 25 of that year, stopping longwall extraction for about a year. During the operating months, approximately two thousand feet of panel D-1 were extracted.

The subsidence report also included monitoring information relative to the three monitoring points installed in CGD-5. The Willow Creek mining and reclamation plan requires monitoring of these three points on a quarterly basis. The report is P.E. certified by Mr. Dan Guy of Blackhawk Engineering.

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: Johnny Pappas (Plateau)

Henry Austin (OSM)

Given to: Pam Grubaugh-Littig (DOGM)

Filed to: Price Field Office

Date: April 18, 2000

Inspector's Signature: _____

Peter Hess
Peter Hess

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