

0037

Document Information Form

Mine Number: C/007/0038

File Name: Incoming

To: DOGM

From:

Person N/A

Company United States Department of the Interior

Date Sent: N/A

Explanation:

Mine-Site Evaluation Inspection Report

cc:

File in: C/007, 0038, Incoming

Refer to:

- Confidential
- Shelf
- Expandable

Date _____ For additional information



U. S. DEPT. OF THE INTERIOR

OFFICE OF SURFACE MINING RECLAMATION AND ENFORCEMENT

Mine-Site Evaluation Inspection Report

Copy PFD

ACT-007-038 File #5
Report File



1. Permittee/Person CYPRUS PLATEAU MINING CORPORATION		9. Permit Number ACT-007-038		10. Type a. Permit <input type="checkbox"/> b. RA <input type="checkbox"/> PP S	
2. Address P.O. DRAWER PMC		11. Inspection Date 06/25/1997 <small>MM - DD - YY</small>		12. Inspection Type SCX	
3. City PRICE		4. State UT		13. Joint Inspection Y <small>Y/N</small>	
5. Zip Code 84501		6. Phone Number 801-637-2875		14. Permit Status A	
7. Operator if Different than Permittee		15. Site Status AP		16. Facility Type BCDEF	
8. Mine Name WILLOW CREEK MINE		17. OSM Office # 140		18. RSI #	
		19. Land Code F		20. M.S.H.A. ID # 42-00165	
		21. State Code 08		22. County Code 007	
		23. AVS Permittee Entity ID Number		23b. State Office	

24. Performance Standard Categories

Codes: 1=Compliance, 2=Noncompliance, 3=Not Planned, 4=Not Started, 5=Noncompliance Identified Elsewhere

- | | | |
|--|---|---|
| <p>A. Administrative</p> <ol style="list-style-type: none"> <u>1</u> Mining within Valid Permit <u>1</u> Mining within Bonded Area <u>1</u> Terms & Conditions of Permit <u>1</u> Liability Insurance <u>1</u> Ownership and Control <u> </u> Temporary Cessation <p>B. Hydrologic Balance</p> <ol style="list-style-type: none"> <u>1</u> Drainage Control <u>1</u> Inspections & Certifications <u>1</u> Siltation Structures <u>1</u> Discharge Structures <u>1</u> Diversions <u>1</u> Effluent Limits <u>1</u> Ground Water Monitoring <u>1</u> Surface Water Monitoring <u>1</u> Drainage -- Acid-Toxic Materials <u>1</u> Impoundments <u>1</u> Stream Buffer Zones <p>C. Topsoil & Subsoil</p> <ol style="list-style-type: none"> <u>1</u> Removal <u>1</u> Substitute Materials <u>1</u> Storage and Protection <u> </u> Redistribution | <p>D. Backfilling & Grading</p> <ol style="list-style-type: none"> <u>1</u> Exposed Openings <u>1</u> Contemporaneous Reclamation <u>1</u> Approximate Original Contour <u>1</u> Highwall Elimination <u>1</u> Steep Slopes (includes downslope) <u>1</u> Handling of Acid & Toxic Materials <u>1</u> Stabilization (rills and gullies) <p>E. Excess Spoil Disposal</p> <ol style="list-style-type: none"> <u>3</u> Placement <u>3</u> Drainage Control <u>3</u> Surface Stabilization <u>3</u> Inspections & Certifications <p>F. Coal Mine Waste (Refuse Piles/Impoundments)</p> <ol style="list-style-type: none"> <u>1</u> Drainage Control <u>1</u> Surface Stabilization <u>1</u> Placement <u>1</u> Inspections and Certifications <u>1</u> Impounding Structures <p>G. Use of Explosives</p> <ol style="list-style-type: none"> <u>1</u> Blaster Certification <u>1</u> Distance Prohibitions <u>1</u> Blast Survey/Schedule <u>1</u> Warnings & Records <u>1</u> Control of Adverse Effects | <p>H. <u>1</u> Subsidence Control Plan</p> <p>I. Roads</p> <ol style="list-style-type: none"> <u>1</u> Road Construction <u>1</u> Certification <u>1</u> Drainage <u>1</u> Surfacing and Maintenance <u> </u> Reclamation <p>J. Signs & Markers</p> <ol style="list-style-type: none"> <u>1</u> Signs <u>1</u> Markers <p>K. <u>1</u> Distance Prohibitions</p> <p>L. Revegetation</p> <ol style="list-style-type: none"> <u>1</u> Vegetative Cover <u>1</u> Timing <p>M. <u> </u> Postmining Land Use</p> <p>N. Other</p> <p><u> 1</u>) _____</p> |
|--|---|---|

File in:
 Confidential
 Shelf
 Expandable
Refer to Record No 0037 Date _____
In C/ 007, 0038, Incoming
For additional information

25. Inspection Frequency a. Date of Last State Complete Inspection 01/29/1997 Frequency for previous 4 Calendar Qtrs. b. Number of required complete inspections 4 Number of complete inspections conducted 4 c. Number of required partial inspections 8 Number of partial inspections conducted 8		26. Inspection Hours 4.0 a. Permit Review 16.0 b. Inspection Time 14.0 c. Travel Time 4.0 d. Report Writing		27. Bond 13 6.0 released 0.0 c. Phase II released 0.0 d. Phase III released 132.9 b. Disturbed (Estimated)	
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U. S. DEPT. OF THE INTERIOR

OFFICE OF SURFACE MINING RECLAMATION AND ENFORCEMENT

Mine-Site Evaluation Inspection Report

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ACT-007-038 File #5
Report



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|---|---|---|
| A. Administrative
1. <u>1</u> Mining within Valid Permit
2. <u>1</u> Mining within Bonded Area
3. <u>1</u> Terms & Conditions of Permit
4. <u>1</u> Liability Insurance
5. <u>1</u> Ownership and Control
6. <u> </u> Temporary Cessation

B. Hydrologic Balance
1. <u>1</u> Drainage Control
2. <u>1</u> Inspections & Certifications
3. <u>1</u> Siltation Structures
4. <u>1</u> Discharge Structures
5. <u>1</u> Diversions
6. <u>1</u> Effluent Limits
7. <u>1</u> Ground Water Monitoring
8. <u>1</u> Surface Water Monitoring
9. <u>1</u> Drainage -- Acid-Toxic Materials
10. <u>1</u> Impoundments
11. <u>1</u> Stream Buffer Zones

C. Topsoil & Subsoil
1. <u>1</u> Removal
2. <u>1</u> Substitute Materials
3. <u>1</u> Storage and Protection
4. <u> </u> Redistribution | D. Backfilling & Grading
1. <u>1</u> Exposed Openings
2. <u>1</u> Contemporaneous Reclamation
3. <u>1</u> Approximate Original Contour
4. <u>1</u> Highwall Elimination
5. <u>1</u> Steep Slopes (includes downslope)
6. <u>1</u> Handling of Acid & Toxic Materials
7. <u>1</u> Stabilization (rills and gullies)

E. Excess Spoil Disposal
1. <u>3</u> Placement
2. <u>3</u> Drainage Control
3. <u>3</u> Surface Stabilization
4. <u>3</u> Inspections & Certifications

F. Coal Mine Waste (Refuse Piles/Impoundments)
1. <u>1</u> Drainage Control
2. <u>1</u> Surface Stabilization
3. <u>1</u> Placement
4. <u>1</u> Inspections and Certifications
5. <u>1</u> Impounding Structures

G. Use of Explosives
1. <u>1</u> Blaster Certification
2. <u>1</u> Distance Prohibitions
3. <u>1</u> Blast Survey/Schedule
4. <u>1</u> Warnings & Records
5. <u>1</u> Control of Adverse Effects | H. <u>1</u> Subsidence Control Plan

I. Roads
1. <u>1</u> Road Construction
2. <u>1</u> Certification
3. <u>1</u> Drainage
4. <u>1</u> Surfacing and Maintenance
5. <u> </u> Reclamation

J. Signs & Markers
1. <u>1</u> Signs
2. <u>1</u> Markers

K. <u>1</u> Distance Prohibitions

L. Revegetation
1. <u>1</u> Vegetative Cover
2. <u>1</u> Timing

M. <u> </u> Postmining Land Use

N. Other
_____ 1) _____
_____ 2) _____
_____ 3) _____ |
|---|---|---|

25. Inspection Frequency a. Date of Last State Complete Inspection 01/29/1997 Frequency for previous 4 Calendar Qtrs. b. Number of required complete inspections 4 Number of complete inspections conducted 4 c. Number of required partial inspections 8 Number of partial inspections conducted 8		26. Inspection Hours 4.0 a. Permit Review 16.0 b. Inspection Time 14.0 c. Travel Time 4.0 d. Report Writing		27. Bonded Acres 132.9 a. Total bonded 0.0 b. Phase I released 0.0 c. Phase II released 0.0 d. Phase III released		28. Acres 14670.0 a. Permitted 132.9 b. Disturbed (Estimated)	
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U. S. DEPT. OF THE INTERIOR

OFFICE OF SURFACE MINING RECLAMATION AND ENFORCEMENT

Mine-Site Evaluation Inspection Report

Permit Number ACT-007-038

Inspection Date 06/25/1997

29. Identified Violation Data.

For inspection types C (Complete Random Sample) and SC or SP (Complete or Partial In-depth Review), list all violations present during the current Federal inspection and all violations, cited or uncited, identified in the last State complete inspection report. For any other inspection type, including Federal program inspections, list only violations observed during the current inspection or subject of current Federal follow-up actions.

B Per. Std. Category	C Abated (Y/N)	D State Action	E Reason if Uncited	F Cause	G Seriousness		H Impact	I OSM Action	J OSM Action Number		K Optional
					PEO	Impact					
A. Specific State Law/Regulations Violated: _____ Description: _____											
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A. Specific State Law/Regulations Violated: _____ Description: _____											
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A. Specific State Law/Regulations Violated: _____ Description: _____											
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A. Specific State Law/Regulations Violated: _____ Description: _____											
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A. Specific State Law/Regulations Violated: _____ Description: _____											
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A. Specific State Law/Regulations Violated: _____ Description: _____											
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A. Specific State Law/Regulations Violated: _____ Description: _____											
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- D. State Action**
- 1) Existed on LSCI, Cited
 - 2) Existed on LSCI, Not Cited
 - 3) Cited Prior to LSCI, Abatement Pending
 - 4) Occurred Since LSCI
 - 5) N/A Federal Program
 - 6) N/A Permit Defect

- E. State's Reason for not Citing Violation**
- 1) Not a Violation
 - 2) Precluded by State Policy
 - 3) Not Included under State Program
 - 4) Warning Given in Lieu of a Citation
 - 5) Violation Not Recognized
 - 6) Practice Allowed under Approved Permit
 - 7) Too Minor to Cite
 - 8) Working with Operator to Correct
 - 9) Other _____

- F. Cause**
- 1) Permit Defect
 - 2) Unusual Weather Conditions
 - 3) Unofficial Waiver
 - 4) Operator Negligence
 - 5) Other _____

- G. Probability of Event Occurrence**
- 1) None or Unlikely
 - 2) Likely
 - 3) Occurred

H. Impact
Damage Remains Within the Permit Area

- 1) None or Minor
- 2) Moderate
- 3) Considerable

Damage Extends Beyond the Permit Area

- 4) None or Minor
- 5) Moderate
- 6) Considerable

Obstruction to Enforcement

- 7) None or Minor
- 8) Moderate
- 9) Considerable

I. OSM Action This Inspection

- 1) Deferred to State Action
- 2) TDN Issued
- 3) NOV Issued
- 4) FTA-CO Issued
- 5) IH-CO Issued (Imminent Environmental Harm)
- 6) ID-CO Issued (Imminent Danger to Public)
- 7) Previously Cited by RA, Abatement Pending
- 8) Abated during or before OSM Inspection
- 9) Follow-up of Federal Action

30. Signature

Henry P. Austin
Inspector's Signature 7/8/97

HENRY AUSTIN

Inspector's Printed Name 31. OSM Inspector ID#

Dated: 07/02/1997 116

Reviewing Official: *James Fulton*

Review Date: 7/9/97

Cyprus Plateau Mining Corporation
P.O. Drawer PMC
Price, UT 84501

Willow Creek Mine
Complete, joint oversight inspection
June 25, 1997

Participants:

Ben Grimes, PMC
Pete Hess, DOGM
Henry Austin, OSM

I participated in the above inspection on both June 24 & 25 with the participants noted. This mine site was selected by the Utah Division of Oil, Gas, and Mining (DOGM), and USDI/Office of Surface Mining (OSM) Oversight Team for a complete, oversight inspection during the 1997 evaluation year. The primary focus of the inspection was off site impacts and reclamation success. Weather conditions were warm and dry and ground conditions were dry site wide.

We began the inspection with a thorough review of required permit/monitoring and reporting requirements at the mine office trailer (temporary while permanent offices are being completed) which was led by Mr. Hess. The review included: permit effective 4/23/96 through 4/24/2001; liability insurance is current through 7/1/97 and Mr. Grimes called the insurance carrier during the inspection to ensure timely renewal was being completed which it was; the current bond is set at \$11,949,205 and is a surety bond through United Pacific Insurance Co., No. U2644-518 which was effective 4/11/96 (the prep. plant area remains double bonded); two amendments are currently under review by DOGM in the final deficiencies response stage which include amendment 96A [to separate bonded disturbance areas at the prep. plant between Castlegate Coal Co. and Plateau Mining Co. (PMC)]; amendment 97D for exploration development is also under DOGM review; three conditions were attached to the approved permit and no. 2 & 3 have been satisfied. Condition 1 involves additional information concerning one of the federal coal leases. UPDES Permit UTGO40012 was effective 12/21/95 and expires 4/30/98, and the quarterly DMR's were current through the first quarter of 1997 showing no discharge. The SPCC plan was certified on 4/15/97 and includes all current site facilities. Concrete retention areas for above ground fuel storage are just now being completed on site. We reviewed the required surface, springs, and groundwater monitoring program from Jan. 97 through June 97 and the permittee is in compliance with those monitoring requirements. No in-mine groundwater sampling is currently required and the first annual hydrology report will be due in 1999. The permittee was pumping water out of the mine portal to main facilities sediment pond. Mine development is proceeding down dip and the permittee has not been in a position to develop underground sumps and water storage yet. Major groundwater intercept is not projected in the PHC. Sediment pond and impoundment inspection reports were reviewed including weekly reports for the 013 MSHA sediment pond, quarterly sediment pond inspections, and annual recertifications for all ponds. All reports were current and in compliance.

Willow Creek Mine; pg.2

Sediment pond no. 11 at the prep. plant coal stockpile area needs to be cleaned out and Mr. Grimes indicated this pond was being redesigned to facilitate a proposed expansion of the coal storage area. Both quarterly and annual refuse pile monitoring and certification reports were inspected and current through the second quarter of 97 as required. The permittee is planing a redesign/expansion of the refuse pile and associated sediment pond area. Mr. Hess has been diligently working with the permittee to better establish and maintain positive surface water runoff from the refuse pile as it expands and currently the pile's active surface is well graded to provide positive runoff. Annual subsidence monitoring report is not due until 1998. This concluded our records review.

We began the field inspection at the upstream extent of the new facilities development. This pad consists of the mine vent fan and associated propane storage. Diversions are well designed with appropriate rip-rapped reaches and stream buffer zone signs in place. Some final grading of the west end of the pad and reaches of perimeter ditches will need to be done when fan installation contractors are done working. We next inspected the main facilities pad area which includes the portal entries, shops, and office facilities. As indicated above the permittee is discharging mine water temporarily into the main sediment pond. Perimeter ditches on the main pad are well constructed and protected where necessary. We concluded the afternoon inspection with observations of the west end of the main facilities pad, the ROM coal stacker/reclaimer area, the two water storage tanks area, and the proposed explosives storage area.

We began again on June 25 by inspecting the conveyor belt section just west of the explosives storage area and adjacent to the undisturbed area bypass culvert inlet in this area. The culvert inlet is well installed and protected. Additional observations as we continued the inspection included: first conveyor tunnel entrance and undisturbed area runoff bypass, second conveyor tunnel and protected topsoil stockpile across Willow Creek, pond no. 2 at the temporary office trailer location, and the conveyor tunnel exit north of the power plant and above ponds 12 A & B. The thickner pond embankment appeared stable and is currently being redesigned after failing last winter. Sediments removed from the thickner pond and temporarily stockpiled to allow drying were being hauled to the refuse pile during the inspection. As mentioned above the permittee will soon propose a redesign and expansion of the refuse pile and associated sediment pond no.13. The pile outslope will be reduced and the sed. pond will no longer be an MSHA sized pond. The permittee has made grading improvements to the active surface of the pile to enhance water runoff. Barn Canyon, north and adjacent to the present refuse pile, is also being considered for future refuse storage.

We inspected the train loadout area and Mr. Grimes described some alternative sediment control practices to be considered for this area. Additional observations around the train loadout area included pond 11 which is being redesigned to facilitate a proposed expansion of the coal stockpile area. The redesign includes reconstruction of ditch inlets into the pond and the principal spillway configuration. We concluded the inspection with observations of the Gravel Canyon topsoil stockpile and the Crandall Canyon Hoist facility. No problems were noted in these areas.

Please address any questions concerning this report to Henry Austin at (303) 844-1466.