0029

UTAH NATURAL RESOURCES
Oil, Gas & Mining

3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • (801) 538-5340

inspection report

Permit No. ACT/007/006

Inspection Date Jan. 29 & 30, 1992

Permittee/Operator Name Cyprus Plateau Mining Corp.

Business Address P.O. Drawer PMC

City Price State Ut Zip 84501

Mine Star Point ☐ Surface ☒ Underground ☐ Other

County Carbon State Ut

Company Official(s) Steve Jones (1/29) Ben Grimes (1/30)

State Official(s) Bill Malencik

Time of inspection 1/29 11:00 ☒ a.m. ☐ p.m. to 3:30 ☐ a.m. ☒ p.m. ☒ Partial ☐ Complete
1/30

Date of last inspection 12/17 & 18/92 Weather conditions Clear/Cool

Acreage 7200 ☐ Permitted 221 ☐ Disturbed ☐ Regraded ☐ Seeded 221 ☐ Bonded

Enforcement Action None
✓ Followup Items.

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
✓ 1. Permits	☒	☐	☐	☒
2. Signs and markers	☐	☐	☐	☐
3. Topsoil	☐	☐	☐	☐
4. Hydrologic balance				
— Stream channel diversions	☒	☐	☐	☒
— Diversions	☒	☒	☐	☒
✓ — Sediment ponds and impoundments	☒	☐	☐	☒
✓ — Other sediment control measures	☐	☐	☐	☐
— Surface and groundwater monitoring	☐	☐	☐	☐
— Effluent limitations	☐	☐	☐	☐
5. Explosives	☒	☐	☐	☐
6. Development waste and spoil disposal	☐	☐	☐	☐
✓ 7. Coal processing waste	☒	☐	☐	☒
8. Noncoal waste	☐	☐	☐	☐

	YES	NO	N/A	COMMENTS
9. Protection of fish, wildlife, and related environmental values	☐	☐	☐	☐
10. Slides and other damage	☐	☐	☐	☐
11. Contemporaneous reclamation	☐	☐	☐	☐
12. Backfilling and grading	☐	☐	☐	☐
13. Revegetation	☐	☐	☐	☐
14. Subsidence control	☐	☐	☐	☐
15. Cessation of operations	☐	☐	☐	☐
16. Roads				
— Construction	☐	☐	☐	☐
— Drainage controls	☐	☐	☐	☐
— Surfacing	☐	☐	☐	☐
— Maintenance	☐	☐	☐	☐
17. Other transportation facilities	☐	☐	☐	☐
18. Support facilities and utility installations	☒	☐	☐	☒

WHITE—DOGM YELLOW—OSM PINK—PERMITTEE/OPERATOR GOLDENROD—NOV FILE

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Please number comments to correspond with topics on previous page.

Permit. As a followup to a discussion with the permit supervisor, the permit map and mine sequence map needs to have a mining approved boundary line added. The area currently pending is the new federal lease. The permittee is not currently duly authorized to mine the new lease area. Mr. Grimes stated he would redraft the map showing the requested boundary line which would limit mining to the area covered by the expired permit. Mining on the new federal lease will be approved when all the required information is submitted and approved by the Division.

Stream Channel Diversions. Discussed with the operator the requirement of R645-301-742.324 to have certified designs on perennial and intermittent stream diversions. Mr. Grimes stated on the hydrology map the design information is tabulated and certified by a registered engineer.

Diversions. Many culverts were open, several had ice buildup but were not plugged. A plugged culvert was observed just above and contiguous to the scale house. The culvert was cleaned before the inspection closeout, therefore no enforcement action was taken.

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✓ Sediment Ponds. Sediment pond #3 had a culvert segement in the pond on top of the ice. The culvert had apparently come from the storage area that is adjacent to the pond. The operator stated they would remove the culvert.

✓ Other Sediment Control. Sediment trap east of the upper parking lot was check. It was iced over and had a 50 gallon drum at the edge of the trap. We tried to remove it but it was too heavy. Operator stated they would remove and place it in the storage area adjacent to the sediment trap.

Coal Processing Waste. The permittee stated they had responded to a Division order by (1) installing a 30" culvert of the face of the refuse pile ie, southerly portion, and (2) installing a berm where necessary to prevent uncontrolled runoff from the surface of the refuse pile (R645-301-746.212). The operator stated, based on the engineering consultants, that the berm may adversely affect the stability of the refuse outslopes. As a result of this, the permittee requested that he be allowed to remove the berm. This was denied by the Division in a decision dated 1/21/92.

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The operator stated the Price River Coal Pile is considered coal and not refuse. However, efforts to blend the aforementioned coal with mine run has resulted in serious problems. The outlook is not good. In light of such problems the permittee has requested the Division to encorporate the coal pile into the refuse pile. This matter is pending before the Division.

The refuse pile was observed with Mr. Grimes. My observations are as follows:

Outslope

The outslope has been groomed, but remnants of rills still exist.

The outslope are stable and because of the controlled berms and culvert no uncontrolled runoff was observed or signs of same.

Top Of The Pile

The top of the pile has at least two distinct levels or segements.

The obvious drainage on the top of the pile is north to south or in a southerly direction

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The drainage east to west or vice versa is not discernible and to the naked eye appears to be level.

The easterly segement of the top of the pile is discharged through a 30" culvert. No discharges have taken place.

The westerly segement is bermed at the lower end, southerly portion and does not have a discharge diversion. An old diversion could be utilized when designed and approved to provide controlled drainage from this segement of the pile. While no runoff was impounded or signs of same was observed, this could be a problem area.

A new lift was in the development stage. The refuse is piled from the southerly theme in a northerly direction. If there is no crowning i.e., east & west drainage and the drainage is in a southerly direction runoff may impound above the refuse piles.

In my opinion two items would aide positive top of the pile drainage

(1) Crown the pile segements so the drainage would go east and west theme discharge against the berm and off the pile in a controlled diversion

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2. The refuse would be placed in piles starting at the northerly end and progress in a southerly direction. If the pile were crowned this wouldnt be as important

Conclusion

1. Suggest the permittee reevaluate the drainage on the refuse pile (R645-301-746.2(2) as a precautionary measure
2. Was advised by the permit supervisor that the Price River Coal Pile is currently pending before the permittee.

Support Facilities

The diesel tanks have been installed above ground and covered by an appropriate authorization

The underground tanks have been removed, soil tests performed & fuel contaminated soil removed. The fuel had percolated ~~west~~ downward to a greater distance than laterally. The circular pit was 50' deep.

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Inspector's signature Tom J. Malencik No. 26

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