

0037

**COPY**

**PLATEAU MINING CORPORATION**

Star Point Mine  
P.O. Box 30  
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Helper, Utah 84526  
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August 25, 2004

Ms. Pamela Grubaugh-Littig  
Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

*Jaime*  
*C/007/0038*

**Re: Gravel Canyon Topsoil Stockpile Reclamation, Willow Creek Mine, Plateau Mining Corporation, C/007/038, Task ID#1962, Carbon County, Utah**

Dear Ms. Grubaugh-Littig:

Plateau Mining Corporation (PMC) is herewith addressing the two minor deficiencies identified by the Division. The deficiencies are presented in italics with PMC's response in normal type.

*R645-301-223, The reclamation plan in Section 3.6-4(1) should include two composite samples taken of the regarded surface, before seeding, to be analyzed for the following parameters: pH, EC, SAR, texture, nitrate N, available Phosphorus and extractable Potassium.*

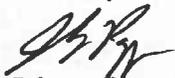
PMC commits to taking the samples and having them analyzed accordingly. Page 3.6-5 has been revised to reflect this commitment.

*R645-301-742.324, The Permittee should provide a drainage profile design drawing for Option B and C.*

Exhibit 3.6-4 has been revised to present the profile designs for GCRD-1 for options b and c.

PMC appreciates the Division's timely review of this permit change. If you have any questions or need additional information, please do not hesitate to contact me.

Sincerely,



Johnny Pappas  
Sr. Environmental Engineer

Enclosures

File: Gravel Canyon  
Chron.: JP040812.ltr

File in:

Confidential

Shelf

Expandable

Refer to Record No *0037* Date *08252004*

In C *0070038, 0004, Incoming*

For additional information

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AUG 30 2004

DIV OF OIL, Gas & MINING

**APPLICATION FOR COAL PERMIT PROCESSING**

**COPY**

Permit Change  New Permit  Renewal  Exploration  Bond Release  Transfer

**Permittee:** Plateau Mining Corporation

**Mine:** Willow Creek Mine **Permit Number:** C/007/038

**Title:** Gravel Canyon Topsoil Stockpile Reclamation Scenarios

**Description,** Include reason for application and timing required to implement:  
Reclamation scenarios based on volume removed

**Instructions:** If you answer yes to any of the first eight (gray) questions, this application may require Public Notice publication.

- Yes  No 1. Change in the size of the Permit Area? Acres: \_\_\_ Disturbed Area: \_\_\_  increase  decrease.
- Yes  No 2. Is the application submitted as a result of a Division Order? DO# \_\_\_\_\_
- Yes  No 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?
- Yes  No 4. Does the application include operations in hydrologic basins other than as currently approved?
- Yes  No 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?
- Yes  No 6. Does the application require or include public notice publication?
- Yes  No 7. Does the application require or include ownership, control, right-of-entry, or compliance information?
- Yes  No 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
- Yes  No 9. Is the application submitted as a result of a Violation? NOV # \_\_\_\_\_
- Yes  No 10. Is the application submitted as a result of other laws or regulations or policies?  
*Explain:* \_\_\_\_\_
- Yes  No 11. Does the application affect the surface landowner or change the post mining land use?
- Yes  No 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2)
- Yes  No 13. Does the application require or include collection and reporting of any baseline information?
- Yes  No 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
- Yes  No 15. Does the application require or include soil removal, storage or placement?
- Yes  No 16. Does the application require or include vegetation monitoring, removal or revegetation activities?
- Yes  No 17. Does the application require or include construction, modification, or removal of surface facilities?
- Yes  No 18. Does the application require or include water monitoring, sediment or drainage control measures?
- Yes  No 19. Does the application require or include certified designs, maps or calculation?
- Yes  No 20. Does the application require or include subsidence control or monitoring?
- Yes  No 21. Have reclamation costs for bonding been provided?
- Yes  No 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?
- Yes  No 23. Does the application affect permits issued by other agencies or permits issued to other entities?

**Please attach four (4) review copies of the application. If the mine is on or adjacent to Forest Service land please submit five (5) copies, thank you.** (These numbers include a copy for the Price Field Office)

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

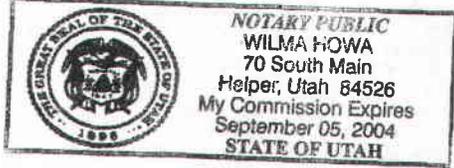
JOHNNY PAPPAS  
 Print Name

[Signature] - Sr. Env. Engineer - 8/24/04  
 Sign Name, Position, Date

Subscribed and sworn to before me this 21<sup>st</sup> day of August, 2004

Wilma Howa  
 Notary Public  
 My commission Expires: 9/05, 2004

Attest: State of Utah } ss:  
 County of Carbon



<b>For Office Use Only:</b>	<b>Assigned Tracking Number:</b>	<b>Received by Oil, Gas &amp; Mining</b>
		<b>RECEIVED</b> <b>AUG 30 2004</b> DIV. OF OIL, GAS & MINING



approximately 37,000 to 65,000 cubic yards of resoiling material utilized, then the postmining topography will be similar to that shown on Exhibit 3.6-4, or somewhere in between. See Table 3.6-6 and Figure 3.6-5 (Exhibit 19) for the 97,000 cubic yard mass balance calculation summary and the grading cut/fill grid, respectively. Table 3.6-6 also presents the mass balance for the 37,000 and 65,000 cubic yard scenarios.

The land use for this area is wildlife habitat.

### 3.6-4(1) Reclamation Work

The reclamation work consists of the following:

**Demolition:** Any crushing or screening facilities which may be used will be removed. The existing retaining wall along US Highway 6 and 50 will also be removed.

**Grading:** Grading will be done to establish drainage and maximize the amount of material to be used as resoiling material. Access road A-1 will be removed in the process. The scheduling of the grading work will minimize the disturbance to the hydrologic balance. Prior to the start of grading work, alternative sediment control structures will be installed.

The grading plan as shown in the postmining topography, Exhibit 3.6-3 and 3.6-4 (Exhibit 19), meets the criteria set forth in R645-301-553, Backfilling and Grading. The disturbed areas are graded to approximate the original contours by blending spoil into the surrounding area which creates a landform which complements and resembles the surrounding terrain. There are no cut slopes or highwalls within the disturbed area boundary.

**Resoiling:** The 5 acres of disturbance which are to be reclaimed were disturbed prior to SMCRA. No topsoil was salvaged from the site. The existing soils at the site will be used for resoiling material. The resoiling material will be analyzed for the following parameters: Ph, electrical conductivity, ~~saturation percentage, particle size analysis, soluble Ca, Mg, and Na,~~ sodium absorption ratio, texture ~~selenium, total N, nitrate-N, available phosphorous and extractable potassium boron, maximum acid potential, neutralization potential, organic carbon, exchangeable sodium, available water capacity, and rock fragments.~~ Two composite samples of the regraded surface will be taken. Analyses are presented in Appendix 3.4M. One test will be performed for every 2 1/2 acres of disturbance. Appropriate soil amendments will be added according to the results of these tests.