



PLATEAU MINING COMPANY

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**DIVISION OF
 OIL, GAS & MINING**

Mr. D. Wayne Hedberg
 Division of Oil, Gas, and Mining
 355 West North Temple
 3 Triad Center, Suite 350
 Salt Lake City, UT 84180-1203

Date: October 21, 1986

File: ENV 2-2-2-16-14

Chrono: BG861006

Re: Tipple Yard Drainage Modifications - Response to Division Review Letter of October 8, 1986.

Dear Mr. Hedberg:

In response to your letter of October 8, 1986, the following addresses the two items discussed in the Technical Review Memo dated October 2, 1986 which was attached to your letter.

Catch Basin at Inlet to Culvert B4

This catch basin is to trap sediment in a location where it is easily cleaned out before it gets to Sediment Pond 4. It is an incised basin roughly triangular in shape, with sides approximately 100 feet long at the top and is approximately 8 feet deep. The outlet for the basin is Culvert B4, which has been sized to handle the flow from the ditch flowing into the basin. This basin has been in existence for approximately 5 years and functions very nicely. A trash rack exists on the outlet pipe to prevent clogging.

The basin is constructed in natural material and partially in fill material placed many years ago by our predecessor. No evidence of instability has ever been found at the basin. It retains water very well, with little apparent loss to infiltration.

Catch Basin Between Culverts B4 and B5

This basin will be constructed in natural material and will be approximately 15 feet wide by 20 feet long, by 4 feet deep. The sides and the end where Culvert B5 exits may be constructed of concrete to stabilize the sides. The south side will be left in a manner that will allow cleaning of sediment that accumulates. A trash rack will be placed on the outlet to prevent clogging. A similar basin has existed at this general location for approximately 5 years and has functioned well.

I trust this satisfies the Division on this matter.

Respectfully,

Ben Grimes
 Senior Environmental Engineer

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