

ONE UTAH CENTER

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August 15, 1991

**Ms. Pamela Grubaugh-Littig
Permit Supervisor
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203**

**RE: DEER CREEK MINE SEDIMENT POND CLEANING PROCEDURE, DEER
CREEK MINE, ACT/O15/018 # 2**

Dear Pamela,

The sediment pond at the Deer Creek Mine site has accumulated sediment to the extent that cleaning has become necessary. To accomplish the cleaning, PacifiCorp will follow the Division of Oil, Gas and Mining's "Sedimentation Pond Cleanout Procedural Guidelines" and "Title V Coal Program Policy for Disposal of Sediment Pond Waste". Actual cleaning is scheduled for mid-September.

DECANTING:

The pond will be drained of water to a workable level prior to the cleaning of the sediment accumulation. In order to stay within the NPDES permit, a sample of the pond discharge will be analyzed prior to decanting to determine the maximum flow while still remaining under the 2000 lbs/day TDS discharge limit. When the results are known, the valve will be opened to a level safely below this calculated amount. During the draining process, three (3) additional discharge samples will be analyzed for the NPDES monthly discharge parameters to guide us in the correct discharge rate and length. If this method fails to achieve the desired water level, while staying in compliance, pumping and hauling of water will be used.

It is anticipated that fall cleaning will greatly reduce the volume of water hauled to the Waste Rock Storage Facility because the heavy summer thunder storm season will be over.

TEMPORARY STRUCTURES REQUIRED:

Because of the tight quarters in the pond area, a few temporary procedures and structures are necessary to successfully clean the pond. To control the water level in the pond, a temporary sediment basin will be constructed at the access road turn-off. (See Map DS1139E) This temporary basin will receive mine surface runoff via an installation of a 12' diversion line located at the Weigh Bin building. During a significant precipitation event, the water will be diverted back to the sediment pond. The basin, which has no spillway (See Map DS1127D), will be pumped and the water hauled to the Waste Rock Storage Facility as needed. The basin water level will be monitored periodically, 24 hrs/day. Upon completion of the project the temporary structures will be removed. The areas will be reclaimed to the pre-cleaning state, i.e. sediment in the basin will be cleaned out and hauled to the Waste Rock Storage Facility and the basin filled in, the riprap channel will be reestablished.

SLUDGE REMOVAL:

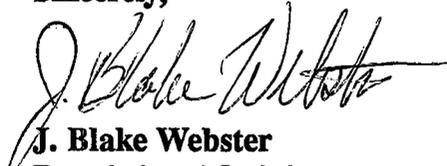
To clean the sediment from the pond, an access road will be constructed over the dam and into the pond. The road will be reclaimed after the cleaning project is complete.

Sludge from the sedimentation pond will be dewatered and disposed of in a small basin which will be constructed at the Waste Rock Site. The basin will be large enough to hold the anticipated sediment volume. At the time of initial removal of the sediment from the pond, a Division inspector will be invited to witness the sediment transportation process to assure that adequate measures are being taken.

It is estimated that the actual cleaning will require 30 days. Construction of the temporary facilities and decanting of the pond will need to begin in late August to complete the project on schedule. We would appreciate a timely response by the Division for the project plan approval.

If you have any questions, please call Guy Davis at 653-2312 or myself at 220-4584.

Sincerely,



J. Blake Webster
Permitting Administrator

GD/dw

cc: Morgan Moon