

October 14, 1982

Memo to Coal File:

RE: Sed. Pond Modification
Natomas Trail Mtn. Mine
ACT/015/009

Mr. Allen Childes of the Natomas Trail Mtn. Mine Called the morning of October 13th requesting an approval to modify their previously approved plan for the reconstruction of the existing sedimentation pond.

Mr. Childes explained that the original designs that were submitted to the Division had not taken into account the location of two existing power poles located in the general vicinity of the newly proposed pond.

Now that the construction of the new pond has begun the problem has become evident. Mr. Childes solicited Division approval to lengthen and widen the pond to work around the power poles. This minor change in design and shape will necessitate altering the outlet structure for the overflow dewatering device also.

This change in the outlet design will amount to relocating the discharge end of the decanting device to the same discharge location as the outlet to the 66-inch culvert which is currently being installed in Little Cottonwood Creek. Approximately 60 feet of 2 foot diameter discharge culvert will be required to convey the outflow to the creek bed.

Mr. Childes also mentioned that some additional disturbed area drainage would be directed to the pond (new borrow area) and that this was another reason for enlarging the pond.

Due to the fact that the construction has already begun, the short time constraints involved and the recent adverse weather conditions which have caused unfortunate delays and other construction problems, a verbal approval was given to proceed, with detailed plans to follow promptly.

I requested plans for the specific design changes to be implemented and all supportive calculations detailing the new pond volumes and the newly disturbed areas which will drain into the pond.

Mr. Childes stated that he has been trying to contact Ken Wyatt of the Division in order to request a 2-3 day extension on an outstanding NOV. I informed him that I would leave a message for Ken.

Mr. Childes also mentioned that the company was considering implementation of a new diversion system for undisturbed drainage at the upper end of their mine site. He said that he would like to have an inspector look over the area before they drafted final plans for approval.


D. WAYNE HEDBERG
RECLAMATION HYDROLOGIST

DWH/mn

cc: Jim Smith
Joe Helfrich
Ken Wyatt
Allen Childes, Natomas