

0039

From: Chris Hansen <CHansen@archcoal.com>
To: <nrogm.pgrubaug@state.ut.us >
Date: 12/28/00 11:18AM
Subject: Skyline Mine 3rd Quarter

WQ00-3

C/007/005

Incoming

Dear Pam:

I have successfully uploaded the electronic data files to the State's EDI system for Skyline Mines' third quarter 2000 water monitoring. It is important to note that Well W79-26-1, located in Burnout Canyon, has experienced a drop in the water level with in the well beginning in late 1997 to early 1998. This is probably related to longwall mining that has occurred in the area beginning about the same time as the decline in the water level and continuing until recently. Flows from springs in the area and in Burnout Canyon Creek do not appear to have been affected by the mining.

Please note also that stream monitoring location CS-4 data does not include analysis for phenols, total organic carbon, and cyanide. According to our sampler, Mr. Keith Zobell, he remembers obtaining the appropriate samples for the above described analysis. However, they were either lost in transit to the lab or left on site. It is likely they were left on site since they do not appear on the lab chain of custody. The remaining analysis required for this site was performed and is included in the electronic data.

CS-4 is located on the left fork of Eccles Creek upstream of the main mine site and the mine water storage tanks. CS-11 is located a few hundred yards downstream of CS-4 and the water tanks but upstream of the main mine site and is sampled for the same parameters. Phenols and cyanide were not detected in this water sample at or above the method detection limit. Therefore, it is unlikely these compounds were present in the water at site CS-4.

To eliminate the problem of missed samples, Mr. Zobell and I have agreed to create a sample data sheet peculiar to each monitoring location. The required sample parameters for each site will be listed and checked off as obtained. The sheet will be reviewed prior to shipping the samples to the lab to determine sample completeness. This will be especially helpful since Skyline's sampling requirements differ seasonally. I believe this particular sample problem is unusual based on our past history and Mr. Zobell's sampling record.

If you have any questions regarding the water monitoring data for Skyline Mines, please let me know.

Chris Hansen

CC: <nrogm.kwyatt@state.ut.us>, <nrogm.sdemczak@state.ut.us >