



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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November 22, 2000

TO: [REDACTED]

FROM: Ken W. Wyatt, Sr. Reclamation Specialist *KW*

RE: Processed Water Quality Data, Canyon Fuel Company LLC, SUFCO Mine,  
[REDACTED] WQ00-3

Attached is an e-mail regarding the uploading of electronic water data into our APPX data base.

sm

Attachment: (E\_Proc3A)

O:\041002.CON\Water Quality\E\_Proc3.wpd

**From:** Ken Wyatt  
**To:** "CHansen@archcoal.com".MAIL.MNET; Mike Suffita; Pam Grubaugh-Littig; Sheila Morrison; Steve Demczak  
**Date:** 11/13/00 4:46PM  
**Subject:** Re: SUFCO 3rd quarter

Hi all,

I processed SUFCO's 3rd quarter water monitoring data today after receiving notification via email that the data was uploaded and complete on the EDI web site. The following 44 samples were processed.

006 CTE 59-21658 8/2/2000  
\* 007 CTE 59-21659 8/2/2000 Flow value = 0, cannot equal 0 with sample  
041 CTE 59-21661 8/2/2000  
042 CTE 59-21660 8/2/2000  
046 CTE 59-21657 8/2/2000  
\* 047A CTE 59-21656 8/2/2000 Cl > 2 SD;  
090 FLD 20000801  
\* US-79-13 FLD 20000801, Depth > 2SD  
US-80-2 FLD 20000801  
US-80-4 FLD 20000801  
US-81-4 FLD 20000801  
\*\* 89-16-1 FLD 20000801, No depth given due to broken casing, if well is inoperable it should be removed, fixed, or replaced.  
\*\* 89-16-1W FLD 20000801, No depth given due to broken casing, if well is inoperable it should be removed, fixed, or replaced.  
89-18-1 FLD 20000801  
89-20-1 FLD 20000801  
89-20-2W FLD 20000801  
047 CTE 59-21655 08/02/2000  
057A NOF 20000802  
089 FLD 20000801  
GW-13 FLD 20000801  
GW-21 FLD 20000801  
\*\* WRDS-B3 FLD 20000802 Dry at 25 feet total depth  
\*\* WRDS-B5 FLD 20000802 Dry at 48 feet total depth  
\* WRDS-B6 CTE 59-21663 08/02/2000, Depth > 2SD, Total Anions > 2 SD  
\* WRDS-B8 CTE 59-21662 08/02/2000, Total MN = MDL  
\*\* WRDS-B9 FLD 20000802, Dry at 28 feet total depth  
001 FLD 20000801  
GW-20 NOF 20000801  
Pines 209 CTE 59-21751 8/22/2000  
\* Pines 212 CTE 59-21752 8/22/2000, K value = MDL  
Pines 407 CTE 59-21748 8/22/2000  
\* Pines 408 CTE 59-21749 8/22/2000, NO3/NO2 = MDL  
\* Pines 106 CTE 59-21763 8/23/2000, NO3/NO2 = MDL  
Pines 302 NOF 20000822  
\* Pines 403 CTE 59-21735 8/21/2000, NO3/NO2 = MDL  
\* Pines 405 CTE 59-21736 8/21/2000, Diss. B = MDL, Cl = MDL  
\* Pines 406B CTE 59-21737 8/21/2000, Cl = MDL  
USFS 109 NOF 20000801  
\* Pines 100 CTE 59-21753 8/22/2000, Diss. K = MDL  
Pines 105 CTE 59-21762 8/23/2000  
\* Pines 206 CTE 59-21750 8/22/2000, Diss. K = MDL  
Pines 214 CTE 59-21764 8/23/2000  
\* Pines 218 FLD 20000822, DO was left blank, analysis was not run, deleted.

Pines 303 CTE 59-21747 8/2/2000

Single asterisks ( \* ) indicate that one or more parameter had warnings that were approved by the mine. The warning is shown to the right of the sample info. Most warnings were verifying data at the detection level. There were a couple of samples with parameters approaching the 2SD level.

Double asterisks ( \*\* ) indicate that the sampling station is inoperable or completely dry. These are wells that are either dry to total depth or the casing is broken and therefore inaccessible.

Any questions contact me.

Sincerely,

Ken Wyatt

nrogm.kwyatt@state.ut.us

>>> Chris Hansen <CHansen@archcoal.com> 11/10/00 12:43:21 PM >>>

Pam:

I have completed correcting and uploading, to the best of my knowledge, the 3rd quarter of 2000 Water Monitoring report for Canyon Fuel Company, LLC's SUFCO Mine. Please note that sites FP-1 and FP-2 do not have data. The permit requires these locations to be monitored on or about October 1 of each year. These sites were monitored during the 4th quarter of 2000.

If you have any questions regarding this report, please let me know.

**CC:** Mike Davis; Wess Sorensen