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

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

OK

September 24, 2001

TO: Internal File
THRU: Daron Haddock, Permit Supervisor *RDH*
FROM: Gregg Galecki, Reclamation Specialist *GA*
RE: Technical Field Visit, Canyon Fuel Company, LLC., Skyline Mine, C/007/005

Other Attendees: No CFC Personnel present

Date & Time: September 20, 2001, 16:30 to 17:30

PURPOSE:

To review effects of Mine Discharge into Eccles Creek and Electric Lake. I was in the area so I conducted a drive-by of the area to document changes in flow relative to the increased discharge. Primary objective was to photo-document the flows.

OBSERVATIONS:

A total of three photographs were shot on Eccles Creek. The location of the photographs is approximately 1/2 mile downstream of the Mine site. Photo #1 documents the 'bank-full' capacity of the flow. Flow is from bank to bank with grass approximately 2-inches submerged. Photo #2 illustrates coal fines that were deposited at slightly higher flows. Photo #3 is another illustration of the channel-forming / bank-full flow.

A total of two photographs were shot at Electric Lake. Photographs are looking south from the bottom of the Electric Lake boat ramp. Flow from the discharge pipe was surging and would double in size. Unfortunately, neither photograph captured the surge. The Mine has documented the flow at being approximately 1800 gpm discharging from a 12-inch pipe.

TECHNICAL FIELD VISIT

RECOMMENDATIONS/CONCLUSIONS:

Inspections of the Eccles Creek and Electric Lake should continue to monitor any significant flow changes. Continued bank-full / channel-forming flows at Eccles Creek will impact the current configuration of the channel and eventually contribute to additional erosion.

Photos from this field visit may be viewed on the internet at:
<ftp://dogm.nr.state.ut.us/PUB/MINES/Coal/C007005/IMAGES/09202001>

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