

0001

CONSOL

File ACT/015/015-89D
pending

Consolidation Coal Company
Mid-Continent Region
12755 Olive Boulevard
St. Louis, Missouri 63141
(314) 275-2300

NOV 06 1989

November 2, 1989

**DIVISION OF
OIL, GAS & MINING**

Ms. Susan C. Linner
Minerals Resource Development and Reclamation Program
Utah Division of Oil, Gas, and Mining
355 W. North Temple
3 Triad Center - Suite 350
Salt Lake City, Utah 84180-1203

Re: Emery Mine, Permit ACT 015/015
Amendment Request - Alternate Discharge
Point for Borehole Facility #4B3

Dear Ms. Linner:

In response to your letter dated October 2, 1989, which granted conditional approval to Consol's request to add an alternate mine discharge point; Consol commits to monitor the daily volume of water discharged by this outfall through the use of a flow meter or other continuous recorder. The water monitoring plan on Page 7-182 of the MRP text has been revised to reflect this commitment. Eight copies of this page are attached.

If you have any questions, please call me.

Sincerely,

Richard Denning

Richard Denning
Permit Coordinator

/vms

Attachments

- Site 5 - Christiansen Wash at USGS gaging station Number 90331950 and above the confluence with Quitchupah Creek
- Site 6 - The outflow of the mine water discharge sedimentation pond #1, also NPDES Permit UT 0022616 - Outfall 001
- Site 7 - The outflow of sedimentation pond #2 collecting surface runoff from the mine complex, also NPDES Permit UT0022616 - Outfall 002
- Site 8 - The unnamed tributary into which mine water is discharged above the point of discharge for Outfall 001

In addition to these monitoring sites in the immediate vicinity of the mine, Consol has established two sites--9 and 10, on Ivie Creek south of the Emery Mine. Site 9 was established in January 1980 and site 10 in May 1980. The locations are as follows:

- Site 9 - Ivie Creek upstream of the confluence with Quitchupah Creek
- Site 10 - Ivie Creek below Highway 10 and upstream of the confluence with Oak Spring Creek

In 1981, sedimentation pond #5 was constructed as part of the water management plan for the proposed preparation plant facilities. The outflow of this pond is designated Site 11 and is located as follows:

- Site 11 - The outflow from sedimentation pond #5 for NPDES permit UT0024040 - Outfall 001 which discharges to an unnamed tributary of Quitchupah Creek.

Sites established in 1988 are:

- Site 1A - Quitchupah Creek at State Highway #10 above the confluence with the unnamed tributary into which mine water is discharged, replaces Site 1
- Site 12 - The outfall from proposed sedimentation pond #6 treating mine water discharged from borehole pump #4B3, also NPDES permit UT0022616 - Outfall 003 which discharges to an unnamed tributary of Quitchupah Creek.

1989 Proposed Site:

- Site 13 - The pipe discharge from the alternate pump discharge for borehole pump #4B3 (incorporated into NPDES permit #UT0022616 as Outfall 004).

7.2.6.2 Streamflow Measurements

Flow measurement at Sites 1A, 2, 3, 4, 5, 8, 9, and 10 will be made quarterly using the velocity-area (current meter) method. Discharge from Sites 6, 12 and 13 will be determined continuously using a flow meter or other recorder. Discharge from Sites 7 and 11 will be measured using the California Pipe method.

7.2.6.3 Water Quality Sampling and Laboratory Analysis

Water samples from Sites 1A through 5, 8, 9, and 10 will be collected quarterly according to the parameters listed on Table 7-39.

Water quality samples at Sites 6, 7, 11, 12, and 13 will be taken and reported in accordance with NPDES permit requirements.

At each of the 13 surface water sites, water samples are taken and field measurements made by a trained environmental specialist according to the following procedures:

1. Measure the field parameters noted in Table 7-39.