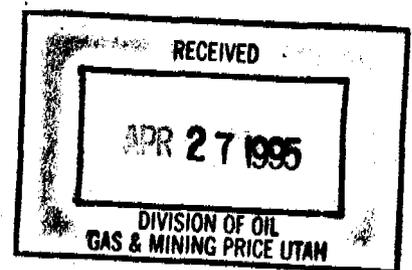


MOUNTAIN COAL COMPANY
1994 ANNUAL REPORT
GORDON CREEK 3/6 MINES



Mountain Coal Company
West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



March 31, 1995

Mr. Lowell Braxton
Associate Director, Mining
Utah Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: Mountain Coal Company
1994 Annual Report
Gordon Creek No. 3/6 Mines
INA/007/017
Carbon County, Utah

Dear Mr. Braxton:

Enclosed is the Annual Report for Coal Mining and Reclamation Operations for 1994 for the Gordon Creek No. 3/6 Mines.

If you have any questions, or need any further information, please contact me or Paige Beville at ARCO Coal Company.

Respectfully,

Dan W. Guy P.E.
for
Paige B. Beville

cc: Paige Beville - ARCO Coal Company
File

COAL MINING AND RECLAMATION OPERATIONS FOR 1994

(Must be submitted to the Division by April 14, 1995)

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203
(801) 538-5340

Permittee: MOUNTAIN COAL COMPANY
Mine Name: GORDON CREEK NO. 3/4 MINES
Mailing Address: P.O. BOX 591, SOMERSET, COLO. 81434
Company Representative: PAIGE B. BEVILLE
Resident Agent: THE CORP. TRUST CO. 1209 ORANGE ST., WILMINGTON, DELAWARE
Permit Number: INA/007/017 19801
MSHA ID Number: N/A
Date of Initial Permanent Program Permit: 05/11/78
Date of Permit Renewal: 11/12/91 (EXPIRES 09/19/96)
Quantity of Coal Mined (tonnage) 1994: N/A

Attach Updated Mine Sequence Map(s) showing mine development through December 31, 1994.
(Same as Lease Royalty Payment Map and/or MSHA Progress Map)

All monitoring activities during the report period to be submitted with this report (including, but not limited to):

A. General

1. Discuss anomalies, missing data and monitoring changes made throughout the year.
2. Summarize any corrective actions and the results that may have occurred during the year.

B. Water Monitoring Data:
Groundwater Summary

1. Mine Discharge
 - a. Summarize the total annual discharge from mine water discharge points and breakdown on a monthly basis for each site.
 - b. Discuss the past five years of data comparing changes in discharge. (Include in the discussion elements encountered during the year such as mining rate, location of faults or large in-mine flows during the year.)
 - c. Discuss trends, if existent, and exceedence in water quality parameters. A correlation with flow could provide additional information.

2. **Springs**
 - a. Are there seasonal trends/or changes in water quality for each quarter? Stiff diagrams provide a good aid in this determination.
 - b. Provide an analysis of changes in quantity of flow. Discuss any significant changes or trends. (An accumulation of long-term data, especially in graph form, is helpful for this discussion.)
 3. **Surface Water**
 - a. Include (discuss or tabulate) comparisons of upstream and downstream water quality and quantity for monitoring sites for each quarter. Include tributary quantity and quality information. Compare with mine water discharge, where applicable.
 - b. Discuss any subsidence occurring over underlying tributaries and streams (perennial or ephemeral), and results from monitoring of subsided areas.
- C. **Summarized Water Monitoring Data**
1. List of monitoring points and their locations (based on UTM coordinates, if possible) and respective frequencies of monitoring (monthly, quarterly, etc.) as approved in the PAP;
 2. UPDES permit number, UPDES discharge points, and their locations (based on UTM coordinates, if possible).
 3. Summary of findings based on water monitoring during 1994; and
 4. Submit water monitoring as DOS-based files. Be specific about the format, submit data in one of the following formats only, i.e: Quattro Pro, Lotus, or ASCII.
- D. **Precipitation or Other Climatological Data (please submit as DOS-based files: ASCII, Lotus, Quattro Pro, FoxPro, etc. -- Contact Ken Wyatt, if you have any questions).**
- E. **Subsidence Monitoring Report:**
1. Brief description of monitoring system (monuments or aerial surveys, how monitoring is done, how frequently monitoring is done);
 2. List of all monitoring points (if any) and their locations and amount of displacement of each;
 3. Map showing either monitoring points (if any) or a representation of subsidence which has occurred; and
 4. Any owners and/or occupants of surface property and structures above the underground workings who were or will be mailed notification six months prior to mining (R645-301-525.300).
 5. Discussion of any proposed mining sequence changes and how that may affect the area of monitoring for the following year.
- F. **Vegetation Data (test plots) or Revegetation Success Monitoring (includes interim and final):**
1. Test plot monitoring data or implementation;
 2. Quantitative results from interim or final seeding efforts;
 3. If quantitative monitoring was not required, then at minimum, a qualitative description of the interim or final vegetation; and
 4. Describe any seeding done on site during the current year.

G. Annual Impoundment Certification, (R645-301-514.312) which includes the following information:

1. Any appearances of instability;
2. Structural weakness or other hazardous conditions;
3. Depth and elevation of any impounded waters;
4. Existing storage capacity;
5. Any existing or required monitoring procedures and instrumentation; and
6. Any other aspects of the structure affecting stability.

Suggested form enclosed

H. Annual Overburden, Spoil, Refuse, Roof, Floor, and Mid-Seam Data. For Consistency and completeness, please submit data for this reporting requirement in the following manner:

1. Location of sample site, sample interval, and sample matrix (if roof or floor, then include lithologic unit and if coal, then thickness of seam at sample site);
2. Sampling technique employed in the field (i.e., grab sample, composite, depth segregated or specific procedure outlined in the permit by chapter and page) and preparation prior to analysis (i.e., sieved sample, ground sample, air dried, oven dried, etc.);
3. Laboratory analysis report sheet which includes:
 - i. Sample time and date;
 - ii. Date and time of lab analysis; and
 - iii. Analytical method(s) employed and references. Include the soil/spoil: water ratio.
4. Summary of findings based on monitoring.

I. A current copy of the annual report of officers submitted to the Department of Commerce and any changes in the ownership and control information required under R645-301-110.

J. Any Other Information Required to be Submitted as Specified in your Permit Application Package and Permit.

PERMIT

NON-FEDERAL

PERMIT
ACT/007/017

November 12, 1991

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
(801) 538-5340

This permit, ACT/007/017, is issued for the State of Utah by the Utah Division of Oil, Gas and Mining (Division) to:

Mountain Coal Company
P.O. Box 1378
Price, Utah 84501
(801) 637-5050

for the Gordon Creek #3 and #6 Mine. A Surety Bond is filed with the Division in the amount of \$138,400, payable to the State of Utah, Division of Oil, Gas and Mining. The Division must receive a copy of this permit signed and dated by the permittee.

Sec. 1 STATUTES AND REGULATIONS - This permit is issued pursuant to the Utah Coal Mining and Reclamation Act of 1979, Utah Code Annotated (UCA) 40-10-1 et seq, hereafter referred to as the Act.

Sec. 2 - PERMIT AREA - The permittee is authorized to conduct underground coal mining activities on the following described lands within the permit area at the Gordon Creek #3 and #6 Mine, situated in the state of Utah, Carbon County, and located:

Township 13 South, Range 8 East, SLBM

Section 8: SE1/4 SE1/4
Section 9: S1/2 SW1/4, SW1/4 SE1/4
Section 16: SE1/4 NW1/4, SW1/4 NE1/4, N1/2 NW1/4, SW1/4, SW1/4 NW1/4, Portions of SW1/4 SE1/4, Portions of NW1/4 SE1/4
Section 17: NE1/4 NE1/4, SE1/4 NE1/4, NE1/4 SE1/4
Section 21: Portions of W1/2 NE1/4, Portions of SE1/4 NW1/4

This legal description is for the permit area of the Gordon Creek #3 and #6 Mine. The permittee is authorized to conduct underground coal mining activities and related surface activities on the foregoing described property subject to all applicable conditions, laws and regulations.

- Sec. 3 COMPLIANCE** - The permittee will comply with the terms and conditions of the permit, all applicable performance standards and requirements of the State Program.
- Sec. 4 PERMIT TERM** - This permit is renewed, effective November 12, 1991, and will expire on September 19, 1996.
- Sec. 5 ASSIGNMENT OF PERMIT RIGHTS** - The permit rights may not be transferred, assigned or sold without the prior written approval of the Division Director. Transfer, assignment or sale of permit rights must be done in accordance with applicable regulations, including but not limited to 30 CFR 740.13{e} and R614-303-300.
- Sec. 6 RIGHT OF ENTRY** - The permittee shall allow the authorized representative of the Division, including but not limited to inspectors, and representatives of the Office of Surface Mining Reclamation and Enforcement (OSM), without advance notice or a search warrant, upon presentation of appropriate credentials, and without delay to:
- (a) have the rights of entry provided for in 30 CFR 840.12, R614-400-220, 30 CFR 842.13 and R614-400-110;
 - (b) be accompanied by private persons for the purpose of conducting an inspection in accordance with R614-400-100 and R614-400-200 when the inspection is in response to an alleged violation reported to the Division by the private person.
- Sec. 7 SCOPE OF OPERATIONS** - The permittee shall conduct underground coal mining activities only on those lands specifically designated as within the permit area on the maps submitted in the approved plan and approved for the term of the permit and which are subject to the performance bond.
- Sec. 8 ENVIRONMENTAL IMPACTS** - The permittee shall take all possible steps to minimize any adverse impact to the environment or public health and safety resulting from noncompliance with any term or condition of the permit, including, but not limited to:
- (a) Any accelerated or additional monitoring necessary to determine the nature and extent of noncompliance and the results of the noncompliance;
 - (b) immediate implementation of measures necessary to comply; and

- (c) warning, as soon as possible after learning of such noncompliance, any person whose health and safety is in imminent danger due to the noncompliance.

Sec. 9 CONDUCT OF OPERATIONS - The permittee shall conduct its operations:

- (a) in accordance with the terms of the permit to prevent significant, imminent environmental harm to the health and safety of the public; and
- (b) utilizing methods specified as conditions of the permit by the Division in approving alternative methods of compliance with the performance standards of the Act, the approved Utah State Program and the Federal Lands Program.

Sec. 10 EXISTING STRUCTURES - As applicable, the permittee will comply with R614-301 and R614-302 for compliance, modification, or abandonment of existing structures.

Sec. 11 RECLAMATION FEE PAYMENTS - The operator shall pay all reclamation fees required by 30 CFR Part 870 for coal produced under the permit, for sale, transfer or use.

Sec. 12 AUTHORIZED AGENT - The permittee shall provide the names, addresses and telephone numbers of persons responsible for operations under the permit to whom notices and orders are to be delivered.

Sec. 13 COMPLIANCE WITH OTHER LAWS - The permittee shall comply with the provisions of the Water Pollution Control Act (33 USC 1151 et seq.) and the Clean Air Act (42 USC 7401 et seq), UCA 26-11-1 et seq, and UCA 26-13-1 et seq.

Sec. 14 PERMIT RENEWAL - Upon expiration, this permit may be renewed for areas within the boundaries of the existing permit in accordance with the Act, the approved Utah State Program and the Federal Lands Program.

Sec. 15 CULTURAL RESOURCES - If during the course of mining operations, previously unidentified cultural resources are discovered, the permittee shall ensure that the site(s) is not disturbed and shall notify the Division. The Division, after coordination with OSM, shall inform the permittee of necessary actions required. The permittee shall implement the mitigation measures required by Division within the time frame specified by Division.

Sec. 16 APPEALS - The permittee shall have the right to appeal as provided for under R614-300-200.

Sec. 17 SPECIAL CONDITIONS - There are special conditions associated with this permitting action, as described in Attachment A.

The above conditions (Secs. 1-17) are also imposed upon the permittee's agents and employees. The failure or refusal of any of these persons to comply with these conditions shall be deemed a failure of the permittee to comply with the terms of this permit and the lease. The permittee shall require his agents, contractors and subcontractors involved in activities concerning this permit to include these conditions in the contracts between and among them. These conditions may be revised or amended, in writing, by the mutual consent of the Division and the permittee at any time to adjust to changed conditions or to correct an oversight. The Division may amend these conditions at any time without the consent of the permittee in order to make them consistent with any federal or state statutes and any regulations.

THE STATE OF UTAH

By: Don R. Nelson

Date: 11-12-91

I certify that I have read, understand and accept the requirements of this permit and any special conditions attached.

Richard P. [Signature]
**Authorized Representative of
the Permittee**

Date: 11-26-91

SPECIAL CONDITIONS

PERMIT RENEWAL

GORDON CREEK #3 AND #6 RECLAIMED MINE

Condition #1: R614-301-300 Biology (SW)

Within 30 days of permit renewal, the operator must submit clarifying information regarding the reclamation success standards for final bond release.

- 1) The Gordon Creek #3 and #6 permit states that reclamation success will be based on cover and production. However, the postmining land uses of livestock grazing, hunting, and deer forage, etc. require that tree and shrub stocking rates must also be a success standards. If tree and shrub stocking rates are used as a success standards, then shrub density measurements must be taken in the reference areas and on the site. Specific commitments must also be included in the permit as to stocking rates.
- 2) Two reference areas, sagebrush-grass and oak shrubland areas are used as the success standards. Map 9-1 is not of sufficient scale to determine which reclaimed areas are to be compared to the grass or the oak reference area. Additionally, the vegetation types on the road from the gate to the facilities area are not shown on the map. Details of the success standards for each reclaimed areas must be included in the permit in writing, or a map with those designations must be provided.
- 3) The success standards for cover, production and shrub density must be met for two consecutive years at a 90 percent statistical confidence interval. Please include this commitment in the permit.

Condition #2: R614-301-400 Land Use (SW)

Within 30 days of permit renewal, the operator must submit consent letters from all the landowners of the reclaimed area.

A:\PERMIT.GC3

AMENDMENTS



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

W.D.S.
FYI
(Insp. Book)

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

February 24, 1995

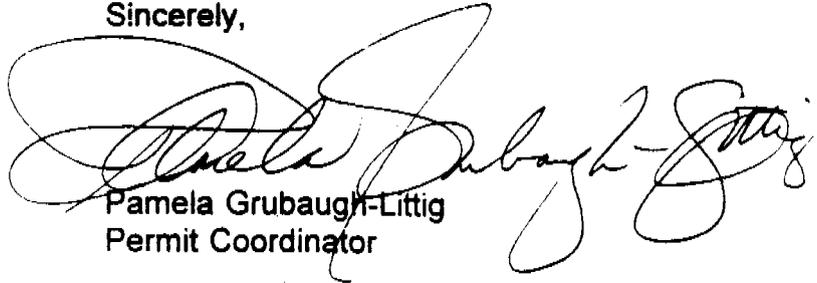
Paige B. Beville, Manager
Environmental, Health, Safety
ARCO Coal Company
555 Seventeenth Street
Denver, CO 80202

Re: Updates of Mountain Coal Company Officers, Gordon Creek #2, #7, and #8
Mines, ACT/007/016-94D, Gordon Creek #3 and #6 Mines, ACT/007/017-94B,
C.V. Spur, ACT/007/022-94C, Huntington #4 Mine, ACT/015/004-94B,
Mountain Coal Company, Folders #3, Carbon and Emery Counties

Dear Ms. Beville:

The information submitted October 14, 1994 has been input into the AVS system and is approved for incorporation into the above-noted mining and reclamation plans.

Sincerely,



Pamela Grubaugh-Littig
Permit Coordinator

cc: Daron Haddock
Susan White
Bill Malencik, PFO

Mountain Coal Company
West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



October 13, 1994

Ms. Pamela Grubaugh-Littig
Permit Supervisor
Utah Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: Update of Officers
for Mountain Coal Properties

Dear Ms. Littig:

Enclosed are 3 copies of updated pages for C.V. Spur, Huntington Canyon No. 4 Mine, Gordon Creek 3 and 6 Mine, and Gordon Creek 2, 7 and 8 Mine. The pages have been revised to show the latest change in officers for Mountain Coal Company.

If you have any questions, or need any further information, please let me know.

Respectfully,

Dan W. Guy,
for Paige B Beville

Enclosures

cc: Paige B. Beville, MCC
Scot Anderson, MCC
File

APPLICATION FOR PERMIT CHANGE

Title of Change: GORDON CREEK NO. 3 & 6 MINE UPDATE OF OFFICERS	Permit Number: INA/007/017 Mine: G.C. NO. 3 AND 6 MINE Permittee: MOUNTAIN COAL
--	--

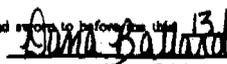
Description, include reason for change and timing required to implement:

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	1. Change in the size of the Permit Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease.
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	2. Change in the size of the Disturbed Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease.
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	3. Will permit change include operations outside the Cumulative Hydrologic Impact Area?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	4. Will permit change include operations in hydrologic basins other than currently approved?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	5. Does permit change result from cancellation, reduction or increase of insurance or reclamation bond?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	6. Does permit change require or include public notice publication?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	7. Permit change as a result of a Violation? Violation # _____
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	8. Permit change as a result of a Division Order? D.O.# _____
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	9. Permit change as a result of other laws or regulations? Explain: _____
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	10. Does permit change require or include ownership, control, right-of-entry, or compliance information?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	11. Does the permit change affect the surface landowner or change the post mining land use?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	12. Does permit change require or include collection and reporting of any baseline information?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	13. Could the permit change have any effect on wildlife or vegetation outside the current disturbed area?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	14. Does permit change require or include soil removal, storage or placement?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	15. Does permit change require or include vegetation monitoring, removal or revegetation activities?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	16. Does permit change require or include construction, modification, or removal of surface facilities?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	17. Does permit change require or include water monitoring, sediment or drainage control measures?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	18. Does permit change require or include certified designs, maps, or calculations?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	19. Does permit change require or include underground design or mine sequence and timing?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	20. Does permit change require or include subsidence control or monitoring?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	21. Have reclamation costs for bonding been provided or revised for any change in the reclamation plan?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	22. Is permit change within 100 feet of a public road or perennial stream or 500 feet of an occupied dwelling?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	23. Is this permit change coal exploration activity <input type="checkbox"/> inside <input type="checkbox"/> outside of the permit area?

Attach 3 complete copies of proposed permit change as it would be incorporated into the Mining and Reclamation Plan.

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

 10/13/94
 Signed - Name - Position - Date

Subscribed and sworn to before me this 13 day of 10, 1994

 Notary Public
 My Commission Expires: 9-27-94
 Attest: STATE OF _____ COUNTY OF Utah



DANA BALLARD
 NOTARY PUBLIC - STATE OF UTAH
 885 EAST 2800 SOUTH
 PRICE, UTAH 84501
 COMM. EXP. 9-27-97

Received by Oil, Gas & Mining

ASSIGNED PERMIT CHANGE NUMBER

Mountain Coal Company
Gordon Creek No. 3 and 6 Mines

2.2.5 Operator. The operator, if the operator is a person different from the applicant, including his or her telephone number:

The operator is the same as the applicant.

2.2.6 Resident Agent. The resident agent of the applicant who will accept service of process, including his or her telephone number:

The Corporation Trust Company
1209 Orange Street,
Wilmington, Delaware 19801
Telephone Number: 1-(800)441-9820

2.2.7 Business Designation. A statement of whether the applicant is a corporation, partnership, single proprietorship, association or other business entity:

The applicant is a Delaware corporation.

2.2.7.1 Officers and Directors of the Applicant. The names and addresses of every officer, partner, director, or other person performing a function similar to a director of the applicant:

<u>OFFICER</u>	<u>TITLE</u>	<u>ADDRESS</u>
E.E. DiClaudio	President and Director	Mountain Coal Co. P.O. Box 591 Somerset, Colo. 81434
C.A. Youngs	Vice President and Director	Atlantic Richfield Co. 555 Seventeenth Street Denver, Colorado 80202
R.D. Pick	Vice President	Atlantic Richfield Co. 555 Seventeenth Street Denver, Colorado 80202
M.W. DeGenring	Vice President and Director	Atlantic Richfield Co. 555 Seventeenth Street Denver, Colorado 80202
M.C. Recchuite	Treasurer	Atlantic Richfield Co. ARCO Plaza 515 S. Flower Street Los Angeles, CA 90071

Mountain Coal Company
Gordon Creek No. 3 and 6 Mines

H.L. Edwards	Vice President and Secretary	Atlantic Richfield Co. ARCO Plaza 515 S. Flower Street Los Angeles, CA 90071
S.R. Mut	Chairman and Director	Atlantic Richfield Co. 555 Seventeenth Street Denver, Colorado 80202
C.P. Cooley	Assistant Treasurer	Atlantic Richfield Co. ARCO Plaza 515 S. Flower Street Los Angeles, CA 90071
K.R. Collard	Assistant Secretary	Atlantic Richfield Co. 555 Seventeenth Street Denver, Colorado 80202
B.M. Hinds	Assistant Secretary	Atlantic Richfield Co. ARCO Plaza 515 S. Flower Street Los Angeles, CA 90071
T.F. Linn	Assistant Secretary and Director	Atlantic Richfield Co. 555 Seventeenth Street Denver, Colorado 80202
G.D. Luttrell	Assistant Secretary	Atlantic Richfield Co. 555 Seventeenth Street Denver, Colorado 80202
S.G. McElyea	Assistant Secretary	Atlantic Richfield Co. 555 Seventeenth Street Denver, Colorado 80202
P.B. Fisher	Assistant Secretary	Atlantic Richfield Co. 555 Seventeenth Street Denver, Colorado 80202

2.2.7.2 Principal Shareholder of the Applicant. The name and address of any person who is a principal shareholder of the applicant:

Atlantic Richfield Co.
555 Seventeenth Street
Denver, Colorado 80202
(Principal and only shareholder)

Mountain Coal Company
Gordon Creek No. 3 and 6 Mines

2.2.7.3 Names Under Which Applicant and Principal Shareholder Operated U.S. Coal Mines. Names under which the applicant, partner, or principal shareholder previously operated underground or surface coal mining operations in the United States within the five years preceeding the date of application:

- (i) Beaver Creek Coal Company
Price, Utah
- (ii) West Elk Coal Company
Somerset, Colorado

OTHER PERMITS

STATE OF UTAH
DIVISION OF WATER QUALITY
DEPARTMENT OF ENVIRONMENTAL QUALITY
SALT LAKE CITY, UTAH

AUTHORIZATION TO DISCHARGE UNDER THE
UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM
(UPDES)

GENERAL PERMIT FOR COAL MINING

In compliance with provisions of the *Utah Water Quality Act, Title 19, Chapter 5, Utah Code Annotated ("UCA") 1953, as amended (the "Act")*,

Mountain Coal Gordon Creek No. 3/6 Mines located approximately 19 miles northwest of Price, Utah as identified in the Notice of Intent, application UTG040014 is authorized to discharge at outfall located at latitude 39°41'30" and longitude 111°01'51",

to Coal Canyon tributary to North Fork of Gordon Creek

in accordance with discharge point(s), effluent limitations, monitoring requirements and other conditions set forth herein.

This permit shall become effective on August 1, 1993

This general permit and the authorization to discharge shall expire at midnight, April 30, 1998.

Signed this 22th day of July, 1993



Authorized Permitting Official
Executive Secretary
Utah Water Quality Board

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I. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Definitions.

1. The "30-day (and monthly) average" is the arithmetic average of all samples collected during a consecutive 30-day period or calendar month, whichever is applicable. The calendar month shall be used for purposes of reporting self-monitoring data on discharge monitoring report forms.
2. The "7-day (and weekly) average" is the arithmetic average of all samples collected during a consecutive 7-day period or calendar week, whichever is applicable. The 7-day and weekly averages are applicable only to those effluent characteristics for which there are 7-day average effluent limitations. The calendar week which begins on Sunday and ends on Saturday, shall be used for purposes of reporting self-monitoring data on discharge monitoring report forms. Weekly averages shall be calculated for all calendar weeks with Saturdays in the month. If a calendar week overlaps two months (i.e., the Sunday is in one month and the Saturday in the following month), the weekly average calculated for that calendar week shall be included in the data for the month that contains the Saturday.
3. "Daily Maximum" ("Daily Max.") is the maximum value allowable in any single sample or instantaneous measurement.
4. "Composite samples" shall be flow proportioned. The composite sample shall, as a minimum, contain at least four (4) samples collected over the composite sample period. Unless otherwise specified, the time between the collection of the first sample and the last sample shall not be less than six (6) hours nor more than 24 hours. Acceptable methods for preparation of composite samples are as follows:
 - a. Constant time interval between samples, sample volume proportional to flow rate at time of sampling;
 - b. Constant time interval between samples, sample volume proportional to total flow (volume) since last sample. For the first sample, the flow rate at the time the sample was collected may be used;
 - c. Constant sample volume, time interval between samples proportional to flow (i.e. sample taken every "X" gallons of flow); and,
 - d. Continuous collection of sample, with sample collection rate proportional to flow rate.
5. A "grab" sample, for monitoring requirements, is defined as a single "dip and take" sample collected at a representative point in the discharge stream.
6. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
7. "Bypass" means the intentional diversion of waste streams from any portion of a treatment facility.

8. "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resource which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
9. "Executive Secretary" means Executive Secretary of the Utah Water Quality Board.
10. "EPA" means the United States Environmental Protection Agency.
11. "Act" means the "Utah Water Quality Act".
12. "Best Management Practices" ("BMPs") means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.
13. "CWA" means *Federal Water Pollution Control Act*, as amended, by *The Clean Water Act of 1987*.
14. "Point Source" means any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, landfill leachate collection system, vessel or other floating craft from which pollutants are or may be discharged.
15. "Significant spills" includes, but is not limited to: releases of oil or hazardous substances in excess of reportable quantities under *Section 311 of the Clean Water Act (see 40 CFR 110.10 and 40 CFR 117.21)* or *Section 102 of CERCLA (see 40 CFR 302.4)*.
16. "Storm water" means storm water runoff, snow melt runoff, and surface runoff and drainage.
17. "Waste pile" means any noncontainerized accumulation of solid, nonflowing waste that is used for treatment or storage.
18. "10-year, 24-hour precipitation event" means the maximum 24-hour precipitation event with a probable reoccurrence interval of once in 10 years. This information is available in *Weather Bureau Technical Paper No. 40*, May 1961 and *NOAA Atlas 2*, 1973 for the 11 Western States, and may be obtained from the National Climatic Center of the Environmental Data Service, National Oceanic and Atmospheric Administration, U.S. Department of Commerce.
19. The term "coal preparation plant" means a facility where coal is crushed, screened, sized, cleaned, dried, or otherwise prepared and loaded for transit to a consuming facility.
20. The term "coal preparation plant associated areas" means the coal preparation plant yards, immediate access roads, coal refuse piles, and coal storage piles and facilities.
21. "Alkaline mine drainage" means mine drainage which before any treatment has a pH equal to or greater than 6.0 and total iron concentration less than 10 mg/l.

STATE OF UTAH
DIVISION OF WATER QUALITY
DEPARTMENT OF ENVIRONMENTAL QUALITY
SALT LAKE CITY, UTAH

AUTHORIZATION TO DISCHARGE UNDER THE
UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM
(UPDES)

GENERAL PERMIT FOR COAL MINING

In compliance with provisions of the *Utah Water Quality Act, Title 19, Chapter 5, Utah Code Annotated ("UCA") 1953, as amended* (the "Act"),

Mountain Coal Gordon Creek No. 3/6 Mines located approximately 19 miles northwest of Price, Utah as identified in the Notice of Intent, application UTG040014 is authorized to discharge at outfall located at latitude 39°41'30" and longitude 111°01'51",

to Coal Canyon tributary to North Fork of Gordon Creek

in accordance with discharge point(s), effluent limitations, monitoring requirements and other conditions set forth herein.

This permit shall become effective on August 1, 1993

This general permit and the authorization to discharge shall expire at midnight, April 30, 1998.

Signed this 22th day of July, 1993.



Authorized Permitting Official
Executive Secretary
Utah Water Quality Board

- 8) Temperature
- 9) pH
- 10) Total dissolved solids (TDS)
- 11) Total iron and metals, cyanide, phenols located in Table III UAC R317-8-3.12
- 12) Date and time of sampling for each parameter
- 13) Date and time of analysis for each parameter
- 14) Utah certified laboratory which has completed the analysis for each parameter

If no data is available, indicate why the data is not available. The Executive Secretary may waive the reporting requirements for any of these pollutants and parameters if the applicant submits a request for such a waiver before or with the NOI which demonstrates that information adequate to support issuance of the permit can be obtained through less stringent reporting requirements.

- g. For each discharge point the presence or absence of any toxic and/or priority pollutants as listed by EPA in *40 CFR Part 403*.
- h. Best management practice plan or sediment runoff control plan approved by the Division of Oil, Gas and Mining.

D Description of Discharge Point(s).

The authorization to discharge provided under this permit is limited to those outfalls specifically designated below as discharge locations. Discharges at any location not authorized under a UPDES permit is a violation of the Act and may be subject to penalties under the Act. Knowingly discharging from an unauthorized location or failing to report an unauthorized discharge may be subject to criminal penalties as provided under the Act.

Outfall Number

Location of Discharge Points

001

Sediment pond outfall to Coal Canyon

E. Narrative Standard.

It shall be unlawful, and a violation of this permit, for the permittee to discharge or place any waste or other substance in such a way as will be or may become offensive such as unnatural deposits, floating debris, oil, scum or other nuisances such as color, odor, taste, or conditions which produce undesirable aquatic life or which produce objectionable tastes in edible aquatic organisms; or concentrations or combinations of substances which produce undesirable physiological responses in desirable resident or other desirable aquatic life, or undesirable human health effects, as determined by bioassay or other tests performed in accordance with standard procedures.

I. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Definitions.

1. The "30-day (and monthly) average" is the arithmetic average of all samples collected during a consecutive 30-day period or calendar month, whichever is applicable. The calendar month shall be used for purposes of reporting self-monitoring data on discharge monitoring report forms.
2. The "7-day (and weekly) average" is the arithmetic average of all samples collected during a consecutive 7-day period or calendar week, whichever is applicable. The 7-day and weekly averages are applicable only to those effluent characteristics for which there are 7-day average effluent limitations. The calendar week which begins on Sunday and ends on Saturday, shall be used for purposes of reporting self-monitoring data on discharge monitoring report forms. Weekly averages shall be calculated for all calendar weeks with Saturdays in the month. If a calendar week overlaps two months (i.e., the Sunday is in one month and the Saturday in the following month), the weekly average calculated for that calendar week shall be included in the data for the month that contains the Saturday.
3. "Daily Maximum" ("Daily Max.") is the maximum value allowable in any single sample or instantaneous measurement.
4. "Composite samples" shall be flow proportioned. The composite sample shall, as a minimum, contain at least four (4) samples collected over the composite sample period. Unless otherwise specified, the time between the collection of the first sample and the last sample shall not be less than six (6) hours nor more than 24 hours. Acceptable methods for preparation of composite samples are as follows:
 - a. Constant time interval between samples, sample volume proportional to flow rate at time of sampling;
 - b. Constant time interval between samples, sample volume proportional to total flow (volume) since last sample. For the first sample, the flow rate at the time the sample was collected may be used;
 - c. Constant sample volume, time interval between samples proportional to flow (i.e., sample taken every "X" gallons of flow); and,
 - d. Continuous collection of sample, with sample collection rate proportional to flow rate.
5. A "grab" sample, for monitoring requirements, is defined as a single "dip and take" sample collected at a representative point in the discharge stream.
6. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
7. "Bypass" means the intentional diversion of waste streams from any portion of a treatment facility.

3. Any overflow, increase in volume of a discharge or discharge from a bypass system caused by precipitation within any 24-hour period less than or equal to the 10-year, 24-hour precipitation event (or snowmelt of equivalent volume) at all surface runoff pond (outfalls) may comply with the following limitation instead of the total suspended solids limitations contained in Part I.F.1:

Effluent Characteristics

Daily Maximum

Settleable Solids

0.5 mL/L

In addition to the monitoring requirements specified under Part I.F.1, all effluent samples collected during storm water discharge events shall also be analyzed for settleable solids. Such analyses shall be conducted on either grab or composite samples.

4. Any overflow, increase in volume of a discharge or discharge from a bypass system caused by precipitation within any 24-hour period greater than the 10-year, 24-hour precipitation event (or snowmelt of equivalent volume) at all surface runoff pond outfalls may comply with the following limitations instead of the otherwise applicable limitations:

The pH shall not be less than 6.5 standard units nor greater than 9.0 standard units. However, as stated under Part I.F.3, all effluent samples collected at all surface runoff pond outfalls during storm water discharge events shall be analyzed for settleable solids and the parameters identified under Part I.F.1.

5. The operator shall have the burden of proof that the discharge or increase in discharge was caused by the applicable precipitation event described in Parts I.F.3. and F.4. The alternate limitation in Parts I.F.4. and F.5. shall not apply to treatment systems that treat underground mine water only.

6. - - Best Management Practices.

- a. The company shall implement and maintain best management practices for the control of road salt storage for areas discharging to waters of the State. This shall include enclosure or coverage to prevent exposure to precipitation, except exposure resulting from adding or removing materials from the pile. Dischargers shall demonstrate compliance with the enclosure provision as expeditiously as practicable, but in no event later than October 1, 1995.
- b. The facility must minimize the discharge of salt by using the largest practicable amount of saline water for process and dust control. After April 30, 1994 there shall be no use of gypsum for rock dusting unless the permittee provides sufficient information to the Executive Secretary such that approval is granted based upon the Colorado River Basin Salinity Control Forum Policies and the fact that it will not significantly increase total dissolved solids concentrations.
- c. Sediment and Erosion Control. Within six months of permit issuance, the permittee shall develop a stormwater pollution prevention plan which identifies areas which, due to topography, road construction with waste materials, other activities, or other factors, have a high potential for significant soil erosion, and identify structural, vegetative, or other stabilization measures to limit erosion. (The general permit for storm water discharge associated with industrial activity contains information for developing a satisfactory plan).

22. The term "settleable solids" is that matter measured by the volumetric method specified below:

Fill an Imhoff cone to the one-liter mark with a thoroughly mixed sample. Allow to settle undisturbed for 45 minutes. Gently stir along the inside surface of the cone with a stirring rod. Allow to settle undisturbed for 15 minutes longer. Record the volume of settled material in the cone as milliliters per liter. Where a separation of settleable and floating material occurs, do not include the floating material in the reading.

B. Criteria for Inclusion in the General Permit for Coal Mining

This General permit shall apply only to the discharge of treated wastewater from:

Coal mining operations either new or existing in Utah which include or will include in part or in a whole alkaline mine water drainage, storm water runoff from coal preparation plant associated areas, active mining areas, and post mining areas until the performance bond is released. The total amount of total dissolved solids discharged from all mine water and decant operations is limited to one ton per day.

C. Notice of Intent for a General Permit for Coal Mining

Any facility which desires a general permit for coal mining and meets the requirements of Part I.B. can be issued a general permit by submitting a notice of intent (NOI) to the Division of Water Quality and EPA at the addresses listed on page 10 of this permit.

The NOI shall include:

- a. A completed Environmental Protection Agency Application (EPA Form 3510-1) or equivalent information.
- b. Location and identification number (such as 001, 002, etc.) of each existing discharge and/or proposed discharge point(s). This includes the latitude and longitude to the nearest 15 seconds and the name of the receiving water(s).
- c. A description of the source of the wastewater for each discharge point.
- d. A description of the treatment given or proposed for the wastewater at each discharge point and if necessary a justification of why no treatment is required.
- e. Flow characteristics for each discharge point such as whether flow is or will be continuous or intermittent and indicate projected and/or actual average and maximum flows in gpd
- f. Data for each discharge point for the following parameters:
 - 1) Biochemical oxygen demand (BOD₅)
 - 2) Chemical oxygen demand (COD)
 - 3) Total organic carbon (TOC)
 - 4) Total suspended solids (TSS)
 - 5) Flow
 - 6) Ammonia (as N)
 - 7) Oil and grease

II. MONITORING, RECORDING AND REPORTING REQUIREMENTS

- A. Representative Sampling. Samples taken in compliance with the monitoring requirements established under *Part I* shall be collected from the effluent stream prior to discharge into the receiving waters. Samples and measurements shall be representative of the volume and nature of the monitored discharge. Sludge samples shall be collected at a location representative of the quality of sludge immediately prior to the use-disposal practice.
- B. Monitoring Procedures. Monitoring must be conducted according to test procedures approved under *Utah Administrative Code ("UAC") R317-2-10*, unless other test procedures have been specified in this permit.
- C. Penalties for Tampering. The *Act* provides that any person who falsifies, tampers with, or knowingly renders inaccurate, any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than six months per violation, or by both.
- D. Reporting of Monitoring Results. Monitoring results obtained during the previous month shall be summarized and reported monthly on a Discharge Monitoring Report Form (EPA No. 3320-1), post-marked no later than the 28th day of the month following the completed reporting period. The first report is due on August 28, 1993. If no discharge occurs during the reporting period, "no discharge" shall be reported. Legible copies of these, and all other reports required herein, shall be signed and certified in accordance with the requirements of *Signatory Requirements (see Part IV.G)*, and submitted to the Director, Division of Water Quality and to EPA at the following addresses:

original to: Department of Environmental Quality
Division of Water Quality
288 North 1460 West
PO Box 144870
Salt Lake City, Utah 84114-4870

copy to: United States Environmental Protection Agency Region VIII
Denver Place
999 18th Street, Suite 500
Denver, Colorado 80202-2466
Attention: Water Management Division
Compliance Branch (8WM-C)

- E. Compliance Schedules. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any Compliance Schedule of this permit shall be submitted no later than 14 days following each schedule date.
- F. Additional Monitoring by the Permittee. If the permittee monitors any parameter more frequently than required by this permit using test procedures approved under *UAC R317-2-10* or as otherwise specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR. An increased frequency shall also be indicated. Only those parameters required by the permit need to be reported.

F. Specific Limitations and Self-monitoring Requirements.

1. Effective immediately and lasting the duration of this permit, the permittee is authorized to discharge from Outfalls 001 and 002. Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristics	Discharge Limitations a/			Monitoring Requirements	
	Average 30-Day	7-Day	Daily Maximum	Measurement Frequency	Sample Type
Flow, gpd	NA	NA	NA	Monthly	Measured <u>b/</u>
Oil & Grease, mg/L	NA	NA	10	Monthly	Grab
Total Suspended Solids, mg/L	25	35	70	Monthly	Grab <u>c/</u>
Total Iron, mg/l	NA	NA	1.0 <u>c/</u>	Monthly	Grab <u>c/</u>
Total Dissolved Solids lbs/day	NA	NA	<u>d/</u>	Monthly	Grab <u>e/</u>

The pH shall not be less than 6.5 standard units nor greater than 9.0 standard units in any sample and shall be monitored monthly by a grab sample.

There shall be no visible sheen or floating solids or visible foam in other than trace amounts.

There shall be no discharge of sanitary wastes or any process water from coal preparation plants.

N.A. - Not Applicable.

a/ See Definitions, *Part IA* for definition of terms.

b/ For intermittent discharge, the duration of the discharge shall be reported along with the flow.

c/ Values up to 2 mg/l may be approved where the permittee provides sufficient information that water quality standards will not be violated.

d/ The total amount of total dissolved solids (TDS) discharged from all mine water and decant operations is limited to one ton (2000 pounds) per day.

e/ These samples may also be a composite sample.

2. Samples taken in compliance with the monitoring requirements specified above shall be taken from the effluent before mixing with any receiving water.

- d. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of noncompliance.
- e. Steps taken, if any, to mitigate the adverse impacts on the environment and human health during the noncompliance period.
4. The Executive Secretary may waive the written report on a case-by-case basis if the oral report has been received within 24 hours by the Division of Water Quality, (801) 538-6146.
5. Reports shall be submitted to the addresses in *Part II.D, Reporting of Monitoring Results*.
- J. Other Noncompliance Reporting. Instances of noncompliance not required to be reported within 24 hours shall be reported at the time that monitoring reports for *Part II.D* are submitted. The reports shall contain the information listed in *Part III.3*.
- K. Inspection and Entry. The permittee shall allow the Executive Secretary, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:
1. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of the permit;
 2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 3. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and,
 4. Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by the Act, any substances or parameters at any location.

- d. **Management of Runoff.** The stormwater pollution prevention plan shall be implemented as soon as practical but no later than one year after permit issuance. Appropriate measures for small areas may include: silt fences, sediment traps, vegetative swales and practices, reuse of collected storm water (such as for a process or as an irrigation source), inlet controls (such as oil/water separators), snow management activities, infiltration devices, and wet detention/retention devices.
- e. **Comprehensive Site Compliance Evaluation.** Qualified personnel shall conduct site compliance evaluations at appropriate intervals specified in the stormwater pollution prevention plan, but in no case less than once a year. Such evaluations shall provide:
- (1) Areas contributing to a storm water discharge associated with industrial activity shall be visually inspected for evidence of, or the potential for, pollutants entering the drainage system. Measures to reduce pollutant loadings shall be evaluated to determine whether they are adequate and properly implemented in accordance with the terms of the permit or whether additional control measures are needed.
 - (2) Based on the results of the inspection, the description of potential pollutant sources identified in the plan and pollution prevention measures and controls identified in the plan shall be revised as appropriate within two weeks of such inspection and shall provide for implementation of any changes to the plan in a timely manner, but in no case more than twelve weeks after the inspection.
 - (3) A report summarizing the scope of the inspection, personnel making the inspection, the date(s) of the inspection, major observations relating to the implementation of the storm water pollution prevention plan, and actions taken shall be made and retained as part of the storm water pollution prevention plan for at least one year after coverage under this permit terminates. The report shall identify any incidents of non-compliance. Where a report does not identify any incidents of non-compliance, the report shall contain a certification that the facility is in compliance with the storm water pollution prevention plan and this permit. The report shall be signed in accordance with *Part VII Signatory Requirements* of this permit.
 - (4) Where annual site inspections are shown in the plan to be impractical for inactive mining sites due to the remote location and inaccessibility of the site, site inspections required under this part shall be conducted at appropriate intervals specified in the plan, but, in no case less than once in three years.
- f. **Consistency with other plans.** Plans may reflect requirements for *Spill Prevention, Control and Countermeasure ("SPCC")* plans developed for the facility under *Section 112* of the CWA or *Best Management Practices ("BMP")* otherwise required by this permit for the facility as long as such requirement is incorporated into the plan.

b. Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass required under *Part II.I, Twenty-four Hour Reporting*.

3. Prohibition of bypass.

a. Bypass is prohibited and the Executive Secretary may take enforcement action against a permittee for a bypass, unless:

(1) The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

(2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and,

(3) The permittee submitted notices as required under paragraph 2 of this section.

b. The Executive Secretary may approve an anticipated bypass, after considering its adverse effects, if the Executive Secretary determines that it will meet the three conditions listed above in paragraph 3.a of this section.

II. Upset Conditions.

1. Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with technology based permit effluent limitations if the requirements of paragraph 2. of this section are met. Executive Secretary's administrative determination regarding a claim of upset cannot be judiciously challenged by the permittee until such time as an action is initiated for noncompliance.

2. Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:

a. An upset occurred and that the permittee can identify the cause(s) of the upset.

b. The permitted facility was at the time being properly operated;

c. The permittee submitted notice of the upset as required under *Part II.I, Twenty-four Hour Notice of Non-compliance Reporting*; and,

d. The permittee complied with any remedial measures required under *Part III.D, Duty to Mitigate*.

3. Burden of proof. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.

G. Records Contents. Records of monitoring information shall include:

1. The date, exact place, and time of sampling or measurements;
2. The individual(s) who performed the sampling or measurements;
3. The date(s) and time(s) analyses were performed;
4. The individual(s) who performed the analyses;
5. The analytical techniques or methods used; and,
6. The results of such analyses.

H. Retention of Records. The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least three years from the date of the sample, measurement, report or application. This period may be extended by request of the Executive Secretary at any time. A copy of this UPDES permit must be maintained on site during the duration of activity at the permitted location.

I. Twenty-four Hour Notice of Noncompliance Reporting.

1. The permittee shall (orally) report any noncompliance which may seriously endanger health or environment as soon as possible, but no later than twenty-four (24) hours from the time the permittee first became aware of circumstances. The report shall be made to the Division of Water Quality, (801) 538-6146, or 24 hour answering service (801) 536-4123.
2. The following occurrences of noncompliance shall be reported by telephone (801) 536-4123 as soon as possible but no later than 24 hours from the time the permittee becomes aware of the circumstances:
 - a. Any noncompliance which may endanger health or the environment;
 - b. Any unanticipated bypass which exceeds any effluent limitation in the permit (See Part III.G. Bypass of Treatment Facilities.);
 - c. Any upset which exceeds any effluent limitation in the permit (See Part III.H. Upset Conditions.); or,
 - d. Violation of a maximum daily discharge limitation for any of the pollutants listed in the permit.
3. A written submission shall also be provided within five days of the time that the permittee becomes aware of the circumstances. The written submission shall contain:
 - a. A description of the noncompliance and its cause;
 - b. The period of noncompliance, including exact dates and times;
 - c. The estimated time noncompliance is expected to continue if it has not been corrected; and,

IV. GENERAL REQUIREMENTS

- A. Planned Changes. The permittee shall give notice to the Executive Secretary as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is required only when the alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are not subject to effluent limitations in the permit. In addition, if there are any planned substantial changes to the permittee's existing sludge facilities or their manner of operation or to current sludge management practices of storage and disposal, the permittee shall give notice to the Executive Secretary of any planned changes at least 30 days prior to their implementation.
- B. Anticipated Noncompliance. The permittee shall give advance notice to the Executive Secretary of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- C. Permit Actions. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
- D. Duty to Reapply. If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee shall apply for and obtain a new permit. The application shall be submitted at least 60 days before the expiration date of this permit. The application shall be submitted at least 180 days before the expiration date if an individual permit is necessary.
- E. Duty to Provide Information. The permittee shall furnish to the Executive Secretary, within a reasonable time, any information which the Executive Secretary may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee shall also furnish to the Executive Secretary, upon request, copies of records required to be kept by this permit.
- F. Other Information. When the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or any report to the Executive Secretary, it shall promptly submit such facts or information.
- G. Signatory Requirements. All applications, reports or information submitted to the Executive Secretary shall be signed and certified.
1. All permit applications shall be signed by either a principal executive officer or ranking elected official.
 2. All reports required by the permit and other information requested by the Executive Secretary shall be signed by a person described above or by a duly authorized representative of the permittee. A person is a duly authorized representative only if:
 - a. The authorization is made in writing by a person described above and submitted to the Executive Secretary, and,
 - b. The authorization specifies either an individual or a position having responsibility over the operation of the regulated facility, such as the position of plant manager,

III. COMPLIANCE RESPONSIBILITIES

- A. Duty to Comply. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. The permittee shall give advance notice to the Executive Secretary of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- B. Penalties for Violations of Permit Conditions. The Act provides that any person who violates a permit condition implementing provisions of the Act is subject to a civil penalty not to exceed \$10,000 per day of such violation. Any person who willfully or negligently violates permit conditions of the Act is subject to a fine not exceeding \$25,000 per day of violation; Any person convicted under UCA 19-5-115(2) a second time shall be punished by a fine not exceeding \$50,000 per day. Except as provided at Part III.G, Bypass of Treatment Facilities and Part III.H, Upset Conditions, nothing in this permit shall be construed to relieve the permittee of the civil or criminal penalties for noncompliance.
- C. Need to Halt or Reduce Activity not a Defense. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- D. Duty to Mitigate. The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.
- E. Proper Operation and Maintenance. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit.
- F. Removed Substances. Collected screening, grit, solids, sludges, or other pollutants removed in the course of treatment shall be buried or disposed of in such a manner so as to prevent any pollutant from entering any waters of the state or creating a health hazard. Sludge/digester supernatant and filter backwash shall not directly enter either the final effluent or waters of the state by any other direct route.
- G. Bypass of Treatment Facilities.
1. Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs 2 and 3 of this section. Return of removed substances, as described in Part III.F, to the discharge stream shall not be considered a bypass under the provisions of this paragraph.
 2. Notice:
 - a. Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten (10) days before the date of the bypass.

- M. **Transfers.** This permit may be automatically transferred to a new permittee if:
1. The current permittee notifies the Executive Secretary at least 20 days in advance of the proposed transfer.
 2. The notice includes a written agreement between the existing and new permittees containing a specific date for transfer of permit responsibility, coverage, and liability between them; and,
 3. The Executive Secretary does not notify the existing permittee and the proposed new permittee of his or her intent to modify, or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement mentioned in paragraph 2 above.
- N. **State Laws.** Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation under authority preserved by *UCA 19-5-117*.
- O. **Water Quality-Reopener Provision.** This permit may be reopened and modified (following proper administrative procedures) to include the appropriate effluent limitations and compliance schedule, if necessary, if one or more of the following events occurs:
1. Water Quality Standards for the receiving water(s) to which the permittee discharges are modified in such a manner as to require different effluent limits than contained in this permit.
 2. A final wasteload allocation is developed and approved by the State and/or EPA for incorporation in this permit.
 3. A revision to the current Water Quality Management Plan is approved and adopted which calls for different effluent limitations than contained in this permit.
- P. **Toxicity Limitation-Reopener Provision.** This permit may be reopened and modified (following proper administrative procedures) to include whole effluent toxicity (WET) testing, a WET limitation, a compliance schedule, a compliance date, additional or modified numerical limitations, or any other conditions related to the control of toxicants if toxicity is detected during the life of this permit.
- Q. **Storm Water-Reopener Provision.** At any time during the duration (life) of this permit, this permit may be reopened and modified (following proper administrative procedures) as per *UAC R317-3*, to include, any applicable storm water provisions and requirements, a storm water pollution prevention plan, a compliance schedule, a compliance date, monitoring and/or reporting requirements, or any other conditions related to the control of storm water discharges to "waters-of-State".

BOND



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

cc: [unclear]
P. Pope
K. West

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

February 17, 1995

Paige Beville
Manager, Environmental, Health, and Safety
ARCO Coal Company
555 Seventeenth Street
Denver, CO 80202

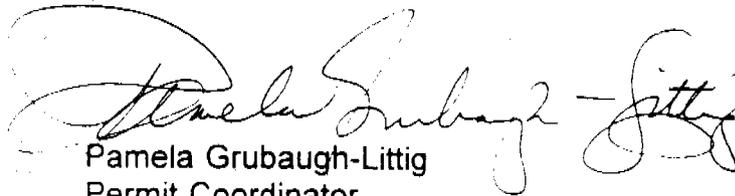
Re: Acceptance of Rider to Decrease Bond #U629895, Phase II Bond Release, Gordon Creek #3 and #6 Mines, Mountain Coal Company, ACT/007/017, Folders #3 and #4, Carbon County, Utah

Dear Ms. Beville:

Enclosed please find a copy of the rider to the above-noted bond which acknowledges acceptance of the decrease in the bond due to the Phase II Bond Release, effective February 13, 1995.

If you have any questions, please call me.

Sincerely,



Pamela Grubaugh-Littig
Permit Coordinator

Enclosure
cc: Susan White



Reliance

RELIANCE SURETY COMPANY
Philadelphia, Pennsylvania

RELIANCE INSURANCE COMPANY
Philadelphia, Pennsylvania

UNITED PACIFIC INSURANCE COMPANY
Philadelphia, Pennsylvania

RELIANCE NATIONAL INDEMNITY COMPANY
Philadelphia, Pennsylvania

RIDER

To be attached to and form a part of

Type of Bond: MINED LAND RECLAMATION ACT BOND

Bond No. U629895

executed by MOUNTAIN COAL COMPANY

, as Principal,

and by UNITED PACIFIC INSURANCE
COMPANY, as Surety,

in favor of STATE OF UTAH, DIVISION OF OIL, GAS AND MINING

and dated September 5, 1991

In consideration of the premium charged for the attached bond, it is hereby agreed to change:

THE AMOUNT OF THE BOND IS REDUCED:

From: \$138,400.00

(One Hundred Thirty-Eight Thousand Four Hundred and no/100---dollars)

To: \$52,971.00

(Fifty-Two Thousand, Nine Hundred Seventy-One and no/100 -- dollars)

The attached bond shall be subject to all its agreements, limitations and conditions except as herein expressly modified.

This rider is effective January 16, 1995

Signed and Sealed January 16, 1995

Principal MOUNTAIN COAL COMPANY

By: Richard L. Rich Vice-President

UNITED PACIFIC INSURANCE

Title

COMPANY

By: Cassie J. Berrisford Attorney-in-Fact

RIDER ACCEPTED (Please sign duplicate of this Rider and return to Surety)

By: [Signature]
Date: 2/13/95

CALIFORNIA CIVIL CODE - CERTIFICATE OF ACKNOWLEDGMENT

STATE OF CALIFORNIA)
)
County of Los Angeles)

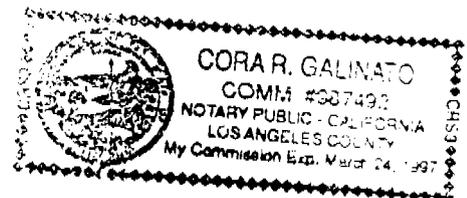
On January 16, 1995, before me, CORA R. GALINATO, NOTARY PUBLIC,

personally appeared CASSIE J. BERRISFORD

personally known to me (or proved to me on the basis of satisfactory evidence)
to be the person(s) whose name(s) is/are subscribed to the within instrument
and acknowledged to me that he/she/they executed the same in his/her/their
authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.

Signature *Cora R. Galinato* (Seal)



UNITED PACIFIC INSURANCE COMPANY

HEAD OFFICE, PHILADELPHIA, PENNSYLVANIA

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, That the UNITED PACIFIC INSURANCE COMPANY, a corporation duly organized under the laws of the State of Pennsylvania, does hereby make, constitute and appoint Cassie J. Berrisford, individually, of Los Angeles, California, its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver for and on its behalf, and as its act and deed any and all bonds and undertakings of suretyship and to bind the UNITED PACIFIC INSURANCE COMPANY thereby as fully and to the same extent as if such bonds and undertakings and other writings obligatory in the nature thereof were signed by an Executive Officer of the UNITED PACIFIC INSURANCE COMPANY and sealed and attested by one other of such officers, and hereby ratifies and confirms all that its said Attorney(s)-in-Fact may do in pursuance hereof.

This Power of Attorney is granted under and by authority of Article VII of the By-Laws of UNITED PACIFIC INSURANCE COMPANY which became effective September 7, 1978, which provisions are now in full force and effect, reading as follows:

ARTICLE VII - EXECUTION OF BONDS AND UNDERTAKING

1. The Board of Directors, the President, the Chairman of the Board, any Senior Vice President, any Vice President or Assistant Vice President or other officer designated by the Board of Directors shall have power and authority to (a) appoint Attorney(s)-in-Fact and to authorize them to execute on behalf of the Company, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, and (b) to remove any such Attorney(s)-in-Fact at any time and revoke the power and authority given to them.

2. Attorney(s)-in-Fact shall have power and authority, subject to the terms and limitations of the Power of Attorney issued to them, to execute and deliver on behalf of the Company, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof. The corporate seal is not necessary for the validity of any bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof.

3. Attorney(s)-in-Fact shall have power and authority to execute affidavits required to be attached to bonds, recognizances, contracts of indemnity or other conditional or obligatory undertakings and they shall also have power and authority to certify the financial statement of the Company and to copies of the By-Laws of the Company or any article or section thereof.

This Power of Attorney is signed and sealed by facsimile under and by authority of the following Resolution adopted by the Board of Directors of UNITED PACIFIC INSURANCE COMPANY at a meeting held on the 5th day of June, 1979, at which a quorum was present, and said Resolution has not been amended or repealed:

"Resolved that the signatures of such directors and officers and the seal of the Company may be affixed to any such Power of Attorney or any certificates relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company and any such Power so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company, in the future with respect to any bond or undertaking to which it is attached."

IN WITNESS WHEREOF, the UNITED PACIFIC INSURANCE COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed, this 8 day of October, 1993

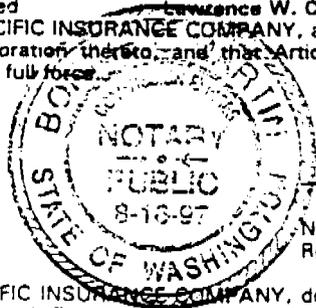
UNITED PACIFIC INSURANCE COMPANY

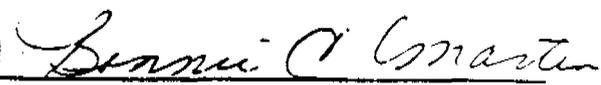

Vice President

STATE OF Washington
COUNTY OF King

} ss.

On this 8 day of October, 1993 personally appeared Lawrence W. Carlstrom to me known to be the Vice President of the UNITED PACIFIC INSURANCE COMPANY, and acknowledged that he executed and attested the foregoing instrument and affixed the seal of said corporation thereto, and that Article VII, Section 1, 2, and 3 of the By-Laws of said Company, and the Resolution, set forth therein, are still in full force.




Notary Public in and for State of Washington
Residing at Sumner

I, Robyn Layng, Assistant Secretary of the UNITED PACIFIC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney executed by said UNITED PACIFIC INSURANCE COMPANY, which is still in full force and effect.

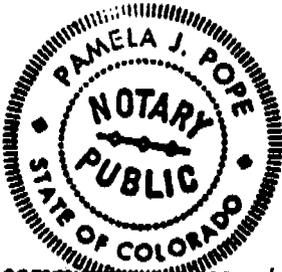
IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company this 16th day of January 19 95


Assistant Secretary

STATE OF COLORADO)
) ss.
CITY & COUNTY OF DENVER)

I hereby certify that on this day before me, an officer duly authorized in the State, City and County aforesaid, to take acknowledgments, personally appeared **Richard D. Pick**, known to me to be the Vice President of Mountain Coal Company, a Delaware corporation, and to me known to be the person described in the foregoing instrument, and acknowledged before me that he executed the same.

Witness my hand and official seal in the City and County and State last aforesaid as of this thirty-first day of January, 1995.




Notary Public

Address: Denver, Colorado

My commission expires: June 21, 1995

CERTIFICATE

I, **Thomas F. Linn**, a duly appointed Assistant Secretary of Mountain Coal Company (the "Company"), a corporation organized under the laws of the State of Delaware, do hereby certify that:

1. Richard D. Pick was duly appointed Vice President of Mountain Coal Company, a wholly-owned subsidiary of Atlantic Richfield Company, pursuant to and in accordance with a Resolution of Mountain Coal Company's Board of Directors, and that said Vice President is currently a qualified and acting Vice President of Mountain Coal Company.
2. Said Vice President in his capacity as Vice President of Mountain Coal Company is empowered to execute and deliver various documents and instruments in accordance with the following resolution adopted by the Board of Directors of Atlantic Richfield Company at its meeting on September 19, 1994:

RESOLVED, That the Chairman, the President, any Vice President and the Treasurer be and they are hereby severally empowered to execute all contracts, documents, assignments, releases, proxies, powers of attorney with full and general or limited authority, with power of substitution, or any other instrument similar or dissimilar to the preceding, and other papers requiring execution in the name of the Company; and the Secretary and any Assistant Secretary are hereby authorized to affix the seal of the Company to such papers as require the seal. Each of such officers is hereby empowered to acknowledge and deliver any such instruments or papers as fully as if special authority had been granted in each particular case.

I further certify that the foregoing Resolution is still in full force and effect and has not been amended or rescinded.

WITNESS my hand and seal of this Company this thirty-first day of January, 1995.

[SEAL]

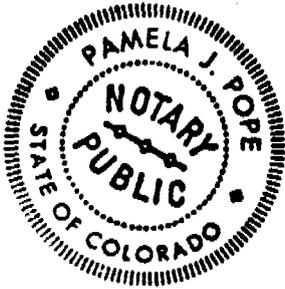


Thomas F. Linn
Assistant Secretary

STATE OF COLORADO)
) ss.
CITY & COUNTY OF DENVER)

I hereby certify that on this day before me, an officer duly authorized in the State, City and County aforesaid, to take acknowledgments, personally appeared **Thomas F. Linn**, known to me to be the Assistant Secretary of Mountain Coal Company, a Delaware corporation, and to me known to be the person described in the foregoing instrument, and acknowledged before me that he executed the same.

Witness my hand and official seal in the City and County and State last aforesaid as of this thirty-first day of January, 1995.



Pamela J. Pope
Notary Public

Address: Denver, Colorado

My commission expires: June 21, 1995



Date: January 12, 1995

Subject: **Gordon Creek Mines 3 and 6 - Bond Reduction Request
Bond U-629895. Utah Permit ACT/007/017**

From/Location: Paige B. Beville *Paige*
To/Location: Julia E. Fisher, Insurance - AP 4951

Attached is a copy of the Decision Document from the Utah Department of Oil, Gas and Mining authorizing Phase II Bond release and the reduction of the Reclamation Bond covering Gordon Creek Mines 3 and 6 in Utah. We are therefore requesting a reduction in Bond U-629895 from \$138,400 to \$52,971, a difference of \$85,429.

Please let me know if you need any additional information.

Attachment

cc: S. W. Anderson w/attachment
P. G. Schmidt w/attachment
D. W. Guy w/attachment
R. D. Pick w/o attachment

Phase II Bond Release
Gordon Creek #3 and #6 Mines
ACT/007/017
Page 5

Pursuant to the October 24, 1994 site visit, OSM-Washington reversed the AFO decision of August 18, 1994.

On August 22, 1994 Lowell Braxton sent a letter to Thomas Ehmett requesting comments on any other outstanding issued at the Gordon Creek #3 and #6 Mines. No comments on any technical issues related to the Phase II bond release have been received to date.

Decision for Phase II Bond Release

Based on the documented findings that: 1) vegetation has been established pursuant to R645-301-880.320, and 2) no reclaimed lands at the Gordon Creek #3 and #6 Mines are contributing additional suspended solids to streamflow or runoff outside the permit area in excess of the requirement set by UCA 40-10-17 (j) of the Act and by R645-301-751, the Division proposes to release \$85,429.

The remaining \$52,971 represents the amount of bond retained for the revegetated area which would be sufficient to cover the cost of reestablishing revegetation if completed by a third party.



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

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

January 9, 1995

Paige Beville
Manager, Environmental, Health and Safety
ARCO Coal Company
555 Seventeenth Street
Denver, Colorado 80202

Re: Phase II Bond Release, Gordon Creek #3 and #6 Mines, Mountain Coal Company, ACT/007/017, Folder #3 and #4, Carbon County, Utah

Dear Ms. Beville:

Paige

Enclosed please find the Decision Document and Findings for the Phase II Bond Release for Gordon Creek #3 and #6 Mines. Pursuant to these findings, the Division will release \$85,429 (Phase II) for the Gordon Creek #3 and #6 Mines. The remaining \$52,971 represents the amount of bond retained for the revegetated area which would be sufficient to cover the cost of reestablishing revegetation if completed by a third party.

If you have any questions, please call me or Pamela Grubaugh-Littig.

Sincerely,

Lowell P. Braxton
Associate Director, Mining

Enclosure

cc: Pamela Grubaugh-Littig
Daron Haddock
Joe Helfrich

DECISION DOCUMENT
PHASE II BOND RELEASE
GORDON CREEK #3 AND #6 MINES
ACT/007/017

SUMMARY OF THE REVIEW PROCESS

The Gordon Creek #3 and #6 Mines is a reclaimed underground coal mine located in Coal Canyon, approximately 20 road miles northwest of Price, Utah. The permit area is located on the Jump Creek Utah, U.S. Geological Survey 15 minutes quadrangle map. The Gordon Creek #3 and #6 Mines shared common surface facilities, except conveyors and stockpiles. The Gordon Creek # 3 Mine was opened in 1969 and was continuously operated until September 1983. Three underground operations were located within a short distance of the Gordon Creek #3 Mine, - Sweets, National and Consumers Mine which were active in the 1940's, but are now closed. The Gordon Creek #6 Mine, located 160 feet above the #3 Mine was opened in 1978, although the construction and disturbance was created in 1969 (the same time as the #3 opened), and was operated until November 1980, when it closed due to economic and safety factors. Portals were sealed for both mines in September 1983.

The permit area is located on the eastern edge of the Wasatch Plateau and is characterized by a steep, narrow canyon containing conspicuous sandstone cliffs. The elevation of the area lies between 7,550 and 7,850 feet above sea level. Vegetation types adjacent to the mine area were oak-shrubland and sagebrush-grassland communities. The permit area cover 668 acres with the bonded area of about 28 acres. The mine permit area is located on mostly privately-owned land, with some state lands. Coal was mined from fee, state, county and federal leases.

Mine site reclamation included portal seals, structural removal, coal waste removal, backfilling, grading and revegetation. The Gordon Creek #3 and #6 Mines completed Phase I reclamation during the period of September 15, 1985 through November 30, 1986. The original bond posted for this property was \$346,000. The Division approved a 60% bond release (\$216,062) on June 26, 1987.

The Mountain Coal Company submitted a Phase II bond release application to the Division for the Gordon Creek #3 and #6 Mines on December 13, 1994³ including a SEDCAD analysis and vegetative information. Mountain Coal Company requested release of an additional 30% of the original bond, or \$103,800 for the Phase II bond release.

The Phase II bond release inspection was conducted on May 18, 1994 with personnel from the Division, OSM-Albuquerque Field Office, OSM- Western Support Center, and Mountain Coal Company in attendance.

FINDINGS FOR PHASE II BOND RELEASE
GORDON CREEK #3 AND #6 MINES
ACT/007/017

In accordance with R645-301-880.120 and 200, the Mountain Coal Company published the newspaper advertisement for the Phase II bond release in the Sun Advocate on September 21, 28 and October 5 and 12, 1993. The Division scheduled the Phase II bond release inspection for May 18, 1994 by sending letters on April 22, 1994. This inspection was scheduled when weather permitted for inspection and evaluation of the reclamation work involved.

The Phase II bond release inspection was conducted on May 18, 1994 with the following attendees:

DOGM:	Susan White, Tom Munson, Henry Sauer, Pamela Grubaugh-Littig
OSM-AFO:	Edzel Pugh and Russ Porter
OSM-WSC:	Daylan Figgs and Phil Reinholtz
Mountain Coal Company:	Dan Guy and Dana Ballard (Blackhawk Engineering)

Vegetation Data for Phase II Bond Release

Mountain Coal Company notified the Division of its intent to conduct vegetation sampling on July 29 through July 31, 1993 for Phase II bond release. The Division subsequently notified OSM and invited them to conduct their own sampling. Division vegetation sampling was completed on August 6 and 10, 1993.

Mountain Coal Company sampled for vegetative cover and woody species density. Vegetative cover and woody species density met the Division's requirement for sample adequacy while production measurements were only taken to provide guidance to Mountain Coal Company for final bond release. Mountain Coal Company summarizes the statistical differences in the data in Table 33 of the vegetation report for bond release. The report finds that the reclaimed area is either significantly greater than or equal to the vegetation reference area for vegetative cover and woody plan density.

The Division sampled only for vegetative cover on the reclaimed mine site and the reference area. Vegetation composition and diversity data were obtained from

the cover data. The Division also found that the reclaimed area was either significantly greater than or equal to the vegetation reference area.

Statgraphics, Version 6 (1992) was used for all of the statistical analysis. The Division found no significant difference between the vegetation on the lower pad area and the reference area. Data from the Division and Mountain coal Company indicate the same statistical conclusion. According to the Division's definition of successful revegetation establishment, Gordon Creek #3 and #6 Mines have met the minimum qualification for the vegetation cover portion of Phase II bond release. R645-301-356.120 states that the reclaimed area only has to meet 90 percent of the success standard. All of the statistical conclusions used in this analysis were based on 100 percent of the standard. This fact provides greater confidence for Phase II bond release at this site. All of this information was forwarded to OSM-AFO on May 5, 1994, prior to the bond release inspection.

A final report by Division Biologist, Susan White, was done July 7, 1994 subsequent to the Phase II bond release field inspection and recommended Phase II bond release pursuant to R645-301-880.320.

Contribution of Additional Suspended Solids

An analysis related to past and present erosion rates from reclaimed mine sites were submitted by Mountain Coal Company using a Sediment Production Comparison generated by the Civil Software Design SEDCAD + Program, Version 3 (1992). The runoff volume, peak flow and sediment concentration were compared between past and present activities. Initial results of this computer analysis indicated that the sediment loads from the reclamation activities are no different than the pre-mining conditions. This information was forwarded to OSM-AFO on May 5, 1994.

The Universal Soil Loss Equation used in SEDCAD does not allow for gully erosion and an on-site assessment was made to ascertain any significant rill or gully erosion. This field assessment was made May 18, 1994. Based on visual observation by the Division Hydrologist, Tom Munson, he concluded the site was stable. A Phase II bond release was recommended based on the outcome of the site visit observation and the Sediment Production Comparison for pre- and postmining pursuant to R645-301-880.320, as well as reviewing past inspection report to document overall stability. The site has sustained several severe storm events successfully.

This Phase II bond release encompasses the entire surface disturbance for the Gordon Creek #3 and #6 Mines.

Remaining Reclamation

Reclamation was completed in 1986 and the ten year bond liability period is completed in 1996. Mountain Coal Company started collecting the requisite vegetative information for two years for final bond release in 1994.

Other Actions Surrounding Bond Release Inspection

On June 20, 1994 TDN X94-020-179-002 TV3 was received at the Division for 1) "Failed to demonstrate in writing to the Division that there was insufficient spoil to backfill face-up at #6 Mine", 2) "Failed to use all reasonably available spoil to backfill the face-up at #6 Mine", and 3) "Failed to eliminate all highwalls at face-up at #3 Mine", as a result of the May 18, 1994 Phase II Bond Release inspection. The Division submitted a response to OSM-AFO for this TDN on June 30, 1994. On July 18, 1994, TDN #94-020-179-002 TV1 was issued as a result of TDN X94-020-179-001TV3 being withdrawn and read: "Failed to eliminate all highwalls at Mine #3 and #6". The Division responded on July 28, 1994, but this response was found inappropriate by OSM-AFO on August 18, 1994.

On August 29, 1994, the Division responded to the August 18, 1994 OSM-AFO finding by letter to Ed Kay, Deputy Director of OSM in Washington requesting and informal review of the TDN, i.e. review of the documentation surrounding the TDN issue. On September 9, 1994 the Division requests a stay of the Informal Appeal based on pending acquisition of field data and submittal of additional informal regarding availability of excess spoil at the mine. Verbal concurrence from OSM-Washington is granted on September 23, 1994 to this request. On September 27, 1994, the Division requested a second extension to October 5, 1994 to formalize the Division's position on the availability of spoil at this site. By letter dated October 3, 1994 to Ed Kay, OSM-Washington from Lowell Braxton, Associate Director, Mining, Division, a request is made to put the TDN informal appeal on hold until the October 1994 site visit by OSM-Washington is completed.

A site visit by OSM-Washington, OSM-AFO, OSM-WSC, and the Division to the Gordon Creek #3 and #6 Mines on October 24, 1994 with the following attendees:

OSM: Ed Kay and Verma Davis (Washington), Charles Sandberg (OSM-WSC), Thomas Ehmett and Edzel Pugh (OSM-AFO)
Division: Lowell Braxton, Pete Hess, and Joe Helfrich
Mountain Coal Company: Paige Beville and Dan Guy

LIABILITY INSURANCE

This Certificate of Insurance neither affirmatively nor negatively
 extends or alters the coverage, limits, terms or conditions
 of the policies it certifies.

ORIGINAL

*Original fireproof
 file, copy file #*
 COMPANY CODES *2 3 5 9 A B*



is to Certify to

State of Utah
 Dept. of Natural Resources
 Division of Oil, Gas and Mining
 355 West North Temple
 3 Triad Center, Suite 350
 Salt Lake City, Utah 84180-1203

ACT 007017

Bill - FUI

- CIGNA INSURANCE COMPANY
- CIGNA INS. CO. OF TEXAS
- PACIFIC EMPLOYERS INS. CO.
- INSURANCE COMPANY OF NORTH AMERICA
- CIGNA INS. CO. OF ILLINOIS
- CIGNA INS. CO. OF OHIO
- (OTHER. — SPECIFY)

FOLD

That the following described policy or policies, issued by The Company as coded below,
 providing insurance only for hazards checked by "X" below, have been issued to:

NAME AND ADDRESS OF INSURED
 Atlantic Richfield Company, its Subsidiaries and subsidiaries
 thereof as now or hereinafter constituted, Atlantic Richfield
 Plaza, 515 So. Flower Street, Los Angeles, CA 90071

covering in accordance with the terms thereof, at the following location(s):

Including Mountain Coal Company and ARCO Coal Company

TYPE OF POLICY	HAZARDOUS CODE	POLICY NUMBER	POLICY PERIOD	LIMITS OF LIABILITY		
(a) Standard Workmen's Compensation & Employers' Liability	<input type="checkbox"/>	<input type="checkbox"/>		Statutory W. C. One Accident and Aggregate Disease		
(b) General Liability Premises—Operations (including "Incidental Contracts" as defined below)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ISL G1 519134-A	01/01/93 to 01/01/96	\$*See Below Each Person Each <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence	
	Independent Contractors	<input checked="" type="checkbox"/>				<input type="checkbox"/>
	Completed Operations/Products	<input checked="" type="checkbox"/>				<input type="checkbox"/>
	Contractual. (Specific type as described in footnote below)	<input checked="" type="checkbox"/>				<input type="checkbox"/>
Property Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ISL G1 519134-A	01/01/93 to 01/01/96	\$*See Below Each <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence	
	Independent Contractors	<input checked="" type="checkbox"/>				<input type="checkbox"/>
	Completed Operations/Products	<input checked="" type="checkbox"/>				<input type="checkbox"/>
	Contractual. (Specific type as described in footnote below)	<input checked="" type="checkbox"/>				<input type="checkbox"/>
(c) Automobile Liability	<input type="checkbox"/>	<input type="checkbox"/>			\$ Each Person Each <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence	
	Owned Automobiles	<input type="checkbox"/>				<input type="checkbox"/>
	Hired Automobiles	<input type="checkbox"/>				<input type="checkbox"/>
Property Damage	<input type="checkbox"/>	<input type="checkbox"/>			\$ Each <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence	
	Owned Automobiles	<input type="checkbox"/>				<input type="checkbox"/>
	Hired Automobiles	<input type="checkbox"/>				<input type="checkbox"/>
(d) ** INCLUDES "XCU" COVERAGE					* \$500,000 Combined Single Limit, per occurrence/aggregate where applicable.	

Contractual Footnote: Subject to all the policy terms applicable, specific contractual coverage is provided as respects

(Check) a contract
 (Applicable) purchase order agreements
 (Check) all contracts } between the insured and:

In the event of cancellation of the policy or policies by the company, forty five (45) days' written notice of such cancellation will be given to you at the address stated above.

NAME OF OTHER PARTY

DATE (if applicable)

CONTRACT NO. (if any)

DESCRIPTION (OR JOB)

Gordon Creek #3 and #6 Mines INA/007017

Definitions: "Incidental contract" means any written (1) lease of premises (2) easement agreement, except in connection with construction or demolition operations on or adjacent to a railroad, (3) undertaking to indemnify a municipality required by ordinance, except in connection with work

DIVISION ORDERS

WATER MONITORING

Mountain Coal Company
West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



January 28, 1995

*Ms. Pamela Grubaugh-Littig
Permit Supervisor
Utah Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203*

Dear Ms. Littig:

Enclosed are the results of the Mountain Coal Company Water Monitoring for the Fourth Quarter of 1994.

If you have any questions or need any additional information, please contact me.

Respectfully,

*Dan W. Guy for
Paige B. Beville, MCC*

DWG/db

Enclosures

*cc: Paige B. Beville, MCC
File
HYRHS*

E.I.S. Hydrology
Field Measurements Form

Date 11/22/97

Station # 3-1W

Company Mountain Coal

Time 12:40

Flow/Depth 0

pH _____

Specific Conductivity _____

Water Temperature _____

Air Temperature _____

Dissolved Oxygen _____

Type: Spring ___ Stream ___ Well ___ Discharge ___ NPDES ___

Collection Point _____

Appearance of Water: Clear ___ Milky ___ Cloudy ___ Opaque ___

Quality Sample Taken: Yes ___ No ___

Pump Reading _____

Comments _____

Field Monitor J.M.D. Bourne

When Sample or Measurements Not Taken:

Reason: _____

D = Dry F = Frozen N/A = Not Accessable N/R = Not Required

WATER MONITORING REPORT

Property: BCCC #3 Mine
 Station: 3-1W
 Location: Coal Canyon Above Pond
 Type: E. Stream
 Frequency: Quarterly

Field Measurements	Date Sampled				Mean
	02/09/94	05/17/94	08/11/94	11/22/94	
Flow [gpm]	N/A	DRY	DRY	DRY	DRY
PH					
Sp. Cond. [ohms]					
Temp. [C]					
Diss. O [ppm]					

Lab. Meas. [mg/l]

TDS

TSS

O & G

Al CaCO3

Hd CaCO3

Ac CaCO3

HCO3

CO3

Cl

SO4

Ca

Mg

K

Na

Cat/An

Fe

Mn

E.I.S. Hydrology
Field Measurements Form

Date 10/10/94

Station # 3-262

Company M.N. Coal

Time 14:40

Flow/Depth 0

pH _____

Specific Conductivity _____

Water Temperature _____

Air Temperature _____

Dissolved Oxygen _____

Type: Spring Stream Well Discharge NPDES

Collection Point _____

Appearance of Water: Clear Milky Cloudy Opaque

Quality Sample Taken: Yes No

Pump Reading _____

Comments _____

Field Monitor [Signature]

When Sample or Measurements Not Taken:

Reason: _____

D = Dry F = Frozen N/A = Not Accessable N/R = Not Required

E.I.S. Hydrology
Field Measurements Form

Date 11/22/94

Station # 3-2W

Company M.A. Case

Time 12:45

Flow/Depth D

pH _____

Specific Conductivity _____

Water Temperature _____

Air Temperature _____

Dissolved Oxygen _____

Type: Spring___ Stream___ Well___ Discharge___ NPDES___

Collection Point _____

Appearance of Water: Clear___ Milky___ Cloudy___ Opaque___

Quality Sample Taken: Yes___ No___

Pump Reading _____

Comments Flow covered

Field Monitor [Signature]

When Sample or Measurements Not Taken:

Reason: _____

D = Dry F = Frozen N/A = Not Accessable N/R = Not Required

E.I.S. Hydrology
Field Measurements Form

Date 10/11/94

Station # 3-2W

Company Rayentech Mt. Real

Time 9:40

Flow/Depth N/A

pH _____

Specific Conductivity _____

Water Temperature _____

Air Temperature _____

Dissolved Oxygen _____

Type: Spring Stream Well Discharge NPDES

Collection Point _____

Appearance of Water: Clear Milky Cloudy Opaque

Quality Sample Taken: Yes No

Pump Reading _____

Comments _____

Field Monitor [Signature]

When Sample or Measurements Not Taken:

Reason: _____

D = Dry F = Frozen N/A = Not Accessable N/R = Not Required

WATER MONITORING REPORT

Property: BCCC #3 Mine
 Station: 3-2W
 Location: Sed. Pond Discharge
 Type: NPDES
 Frequency: Monthly

FF

Date Sampled

Field Measurements 01/11/94 02/09/94 03/28/94 04/04/94 05/17/94 06/06/94 07/11/94 08/11/94 09/02/94 10/10/94 11/22/94

Flow [gpm] N/A N/A DRY DRY DRY DRY DRY DRY DRY DRY

PH

Sp.Con. [ohms]

Temp [C]

Diss. O. [ppm]

Lab. Meas. [mg/l]

TDS

TSS

O & G

Al CaCO3

Hd CaCO3

Ac CaCO3

HCO3

CO3

Cl

SO4

Ca

Mg

K

Na

Cat/An

Fe

Mn

1 1

12/11/94 MEAN

INACC DRY

E.I.S. Hydrology
Field Measurements Form

Date 11/22/94

Station # 3-4W

Company Wm Cox

Time 1:10

Flow/Depth D

pH _____

Specific Conductivity _____

Water Temperature _____

Air Temperature _____

Dissolved Oxygen _____

Type: Spring Stream Well Discharge NPDES

Collection Point _____

Appearance of Water: Clear Milky Cloudy Opaque

Quality Sample Taken: Yes No

Pump Reading _____

Comments Snow Covered

Field Monitor [Signature]

When Sample or Measurements Not Taken:

Reason: D

D = Dry F = Frozen N/A = Not Accessable N/R = Not Required

WATER MONITORING REPORT

Property: BCCC #3 Mine
Station: 3-4W
Location: Coal Canyon
Type: E. Stream
Frequency: Quarterly

Field Measurements Date Sampled
02/09/94 06/06/94 08/11/94 11/22/94

Flow [gpm] N/A DRY DRY DRY

PH

Sp. Cond. [ohms]

Temp. [C]

Diss. O [ppm]

Lab. Meas. [mg/l]

TDS

TSS

Al CaCO3

Hd CaCO3

HCO3

CO3 --

Cl

SO4

Ca

Mg

K

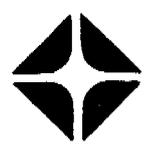
Na

Cat/An

Fe

Mn

U.P.D.E.S.
DISCHARGE DATA



Mountain Coal Company
West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015

January 28, 1995

*Ms. Pamela Grubaugh-Littig
Utah Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203*

Dear Ms. Littig:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040004, UTG040005, UTG040014, and UTG040015. These reports cover the month of December 1994.

If you have any questions or need any additional information, please contact me.

Respectfully,

*Dan W. Guy for
Paige B. Beville, MCC*

Enclosures

DWG/db

*cc: Donna Franklin, E.P.A.
Donald Hilden, D.E.Q.
Paige B. Beville, Mountain Coal Co.
File*

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME MOUNTAIN COAL COMPANY
ADDRESS P.O. BOX 591
SOMERSET CO. 81434

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
 (2-16) (17-19)

UTG040014 **001 A**
 PERMIT NUMBER DISCHARGE NUMBER

MINOR Form Approved. OMB No. 2040-0004
F - FINAL **OUTFALL FROM SEDIMENT POND**
 EPA 3320-1 (Rev. 9-88)

FACILITY **3/6 MINES**
 LOCATION **GORDON CREEK**

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	12	01		94	12	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE ***
 NOTE: Read instructions before completing this form.

ATTN: KATHLEEN WELT

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (54-55)	MAXIMUM (56-57)	UNITS (58-59)	MINIMUM (46-47)	AVERAGE (48-49)	MAXIMUM (50-51)	UNITS (52-53)			
FLOW RATE		NO DISCHARGE (07)			*****	*****	*****				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	*****	*****	*****	****		ONCE / GRAB MONTH	
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.5 DAILY MN	*****	9.0 DAILY MX	SU		TWICE / GRAB MONTH	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	25 30DA AVG	70 DAILY MX	MG/L		ONCE / GRAB MONTH	
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****		(25)			
00545 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.5 DAILY MX	ML/L		ONCE / GRAB MONTH	
OIL AND GREASE FREON EXTR-GRAY METH	SAMPLE MEASUREMENT	*****	*****		*****	*****		(19)			
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	10 DAILY MX	MG/L		ONCE / GRAB MONTH	
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****		(19)			
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	2.0 DAILY MX	MG/L		ONCE / GRAB MONTH	
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	*****		(26)	*****	*****		(19)			
70295 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	2000 DAILY MX	LBS/DV	*****	*****	REPORT DAILY MX	MG/L		ONCE / GRAB MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Kathleen Welt
 Environmental Supervisor
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319 (Penalties under these statutes may include fines up to \$100,000 and/or maximum imprisonment of between 6 months and 5 years.)


 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 801 637-2422
 DATE 95 01 27
 AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

TSS IS LIMITED TO ONE TON PER DAY FROM ALL OUTFALLS. DURING PRECIPITATION EVENTS SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT "DOES NOT APPLY" IN APPROPRIATE ROW.

**Mountain Coal Company**

West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015

December 28, 1994

Mr. Donald A Hilden, PH.D., Chief
Permits and Compliance Section
Department of Environmental Quality
Division of Water Quality
288 North 1460 West
P.O. Box 144870
Salt Lake City, Utah 84114-4870

Dear Mr. Hilden:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040004, UTG040005, UTG040014, and UTG040015. These reports cover the month of November 1994.

If you have any questions or need any additional information, please contact me.

Respectfully,

Dan W. Guy for
Paige B. Beville, MCC

Enclosures

DWG/db

cc: Donna Franklin, E.P.A.
Pamela Grubaugh-Littig, UDOGM
Paige B. Beville, Mountain Coal Co.
File

Mountain Coal Company
West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



December 28, 1994

*Ms. Pamela Grubaugh-Littig
Utah Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203*

Dear Ms. Littig:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040004, UTG040005, UTG040014 and UTG040015. These reports cover the month of November 1994.

If you have any questions or need any additional information, please contact me.

Respectfully,

*Dan W. Guy for
Paige B. Beville, MCC*

Enclosures

DWG/db

*cc: Donna Franklin, E.P.A.
Donald Hilden, D.E.Q.
Paige B. Beville, Mountain Coal Co.
File*

Mountain Coal Company
West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



December 28, 1994

Ms. Donna Franklin
U.S.E.P.A., Region VIII
999 18th Street
Denver Place - Suite 500 WM-C
Denver, Colorado 80202-2405

Dear Ms. Franklin:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040004, UTG040005, UTG040014 and UTG040015. These reports cover the month of November 1994.

If you have any questions or need any additional information, please contact me.

Respectfully,

Dan W. Guy for
Paige B. Beville, MCC

Enclosures

DWG/db

cc: Pamela Grubaugh-Littig, UDOGM
Donald Hilden, D.E.Q.
Paige B. Beville, Mountain Coal Co.
File

PERMITTEE NAME AND ADDRESS (Include Facility Name/Location if different)

NAME MOUNTAIN COAL COMPANY
 ADDRESS P.O. BOX 591
SOMERSET CO 81434

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

UTG040014
 PERMIT NUMBER

001 A
 DISCHARGE NUMBER

MINOR

Form Approved.

F - FINAL OMB No. 2040-0004
 APPROVED FOR SIGNATURE DATE 10/31/94
 OUTFALL FROM SED. POND

FACILITY 3/6 MINES
 LOCATION _____

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	11	01		94	11	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

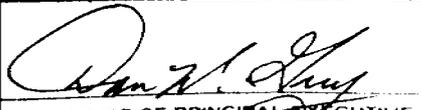
*** NO DISCHARGE ***
 NOTE: Read instructions before completing this form.

ATTN: KATHLEEN WELT

PARAMETER (12-37)	SAMPLE MEASUREMENT	(3 Card Only) (40-53) QUANTITY OR LOADING (54-64)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-51) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW RATE				(07)	*****	*****	*****				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	*****	*****	*****	***	ONCE/	WASRD	
PH		*****	*****			*****	(12)				
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.5	*****	9.0	***	TWICE/	GRAB	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****		(19)				
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	25	70	***	ONCE/	GRAB	
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****	30DA AVG	DAILY MX	MG/L	(25)		
00545 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.5	***	ONCE/	GRAB	
OIL AND GREASE FROM EXTR-GRAY METH	SAMPLE MEASUREMENT	*****	*****		*****	*****	(19)				
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	10	***	ONCE/	GRAB	
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****	(19)				
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	2.0	***	ONCE/	GRAB	
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	*****		(26)	*****	*****	(19)				
70295 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	2000	DAILY MX	*****	*****	REPORT DAILY MX	MG/L	ONCE/	GRAB	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Kathleen Welt
 Environmental Supervisor
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SEVERAL PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 18 USC § 1011. (Penalties under these statutes may include fines up to \$100K and/or maximum imprisonment of between 6 months and 5 years.)


 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
 801 | 637-2422
 AREA CODE NUMBER
 DATE
 94 | 12 | 23
 YEAR MO DAY

TDS IS LIMITED TO ONE TON PER DAY FROM ALL OUTFALLS. DURING PRECIPITATION EVENTS SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT "DOES NOT APPLY" IN APPROPRIATE ROW.



Mountain Coal Company
West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015

November 28, 1994

Mr. Donald A Hilden, PH.D., Chief
Permits and Compliance Section
Department of Environmental Quality
Division of Water Quality
288 North 1460 West
P.O. Box 144870
Salt Lake City, Utah 84114-4870

Dear Mr. Hilden:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040004, UTG040005, UTG040014, and UTG040015. These reports cover the month of October 1994.

If you have any questions or need any additional information, please contact me.

Respectfully,

Dan W. Guy for
Paige B. Beville, MCC

Enclosures

DWG/db

cc: Donna Franklin, E.P.A.
Pamela Grubaugh-Littig, UDOGM
Paige B. Beville, Mountain Coal Co.
File

Mountain Coal Company

West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



November 28, 1994

Ms. Pamela Grubaugh-Littig
Utah Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear Ms. Littig:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040004, UTG040005, UTG040014 and UTG040015. These reports cover the month of October 1994.

If you have any questions or need any additional information, please contact me.

Respectfully,

Dan W. Guy for
Paige B. Beville, MCC

Enclosures

DWG/db

cc: Donna Franklin, E.P.A.
Donald Hilden, D.E.Q.
Paige B. Beville, Mountain Coal Co.
File

Mountain Coal Company
West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



November 28, 1994

Ms. Donna Franklin
U.S.E.P.A., Region VIII
999 18th Street
Denver Place - Suite 500 WM-C
Denver, Colorado 80202-2405

Dear Ms. Franklin:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040004, UTG040005, UTG040014 and UTG040015. These reports cover the month of October 1994.

If you have any questions or need any additional information, please contact me.

Respectfully,

Dan W. Guy for
Paige B. Beville, MCC

Enclosures

DWG/db

cc: Pamela Grubaugh-Littig, UDOGM
Donald Hilden, D.E.Q.
Paige B. Beville, Mountain Coal Co.
File

PERMITTEE NAME AND ADDRESS (Include Facility Name/Location if different)

NAME **MOUNTAIN COAL COMPANY**

ADDRESS **P.O. BOX 591**

SOMERSET

CO 81434

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

MINOR

Form Approved.

OMB No. 2040-0004

DTG040014

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL

OUTFALL FROM **3RD POND**

FACILITY

LOCATION **3/6 MINES**

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	10	01		94	10	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

ATTN: **KATHLEEN WELT**

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW RATE				(07)	*****	*****	*****			
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	*****	*****	*****	***	ONCE/ 6MO	
PH	SAMPLE MEASUREMENT	*****	*****			*****			(12)	
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.5 DAILY MN	*****	9.0 DAILY MX	SU	TWICE/ 6MO	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****				(19)	
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	25 30DA AVG	70 DAILY MX	MG/L	ONCE/ 6MO	
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****			(25)	
00545 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.5 DAILY MX	ML/L	ONCE/ 6MO	
OIL AND GREASE FROM EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****		*****	*****			(19)	
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	10 DAILY MX	MG/L	ONCE/ 6MO	
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****			(19)	
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.0 DAILY MX	MG/L	ONCE/ 6MO	
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	*****		(26)	*****	*****			(19)	
70295 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	2000 DAILY MX	LBS/DY	*****	*****	REPORT DAILY MX	MG/L	ONCE/ 6MO	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SEVERAL PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1363. Penalties under these statutes may include fines up to \$5000 and/or maximum imprisonment of between 6 months and 5 years.

Kathleen Welt
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

Kathleen Welt
Environmental Supervisor
TYPED OR PRINTED

801
AREA CODE

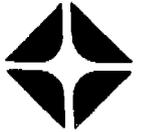
637-2422
NUMBER

94 11 28
YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

TDS IS LIMITED TO ONE TON PER DAY FROM ALL OUTFALLS. DURING PRECIPITATION EVENTS SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT "DOES NOT APPLY" IN APPROPRIATE ROW.

Mountain Coal Company
West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



October 28, 1994

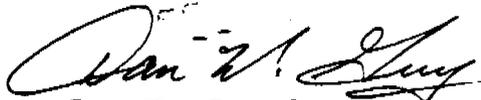
Mr. Donald A Hilden, PH.D., Chief
Permits and Compliance Section
Department of Environmental Quality
Division of Water Quality
288 North 1460 West
P.O. Box 144870
Salt Lake City, Utah 84114-4870

Dear Mr. Hilden:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040004, UTG040005, UTG040014, and UTG040015. These reports cover the month of September 1994.

If you have any questions or need any additional information, please contact me.

Respectfully,


Dan W. Guy for
Paige B. Beville, MCC

Enclosures

DWG/db

cc: Donna Franklin, E.P.A.
Pamela Grubaugh-Littig, UDOGM
Paige B. Beville, Mountain Coal Co.
File

Mountain Coal Company
West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



October 28, 1994

Ms. Donna Franklin
U.S.E.P.A., Region VIII
999 18th Street
Denver Place - Suite 500 WM-C
Denver, Colorado 80202-2405

Dear Ms. Franklin:

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If you have any questions or need any additional information, please contact me.

Respectfully,

Dan W. Guy for
Paige B. Beville, MCC

Enclosures

DWG/db

cc: Pamela Grubaugh-Littig, UDOGM
Donald Hilden, D.E.Q.
Paige B. Beville, Mountain Coal Co.
File

Mountain Coal Company
West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



October 28, 1994

Ms. Pamela Grubaugh-Littig
Utah Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear Ms. Littig:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040004, UTG040005, UTG040014 and UTG040015. These reports cover the month of September 1994.

If you have any questions or need any additional information, please contact me.

Respectfully,

Dan W. Guy for
Paige B. Beville, MCC

Enclosures

DWG/db

cc: Donna Franklin, E.P.A.
Donald Hilden, D.E.Q.
Paige B. Beville, Mountain Coal Co.
File

PERMITTEE NAME (Include Facility Name/Location if different)
NAME MOUNTAIN COAL COMPANY
 ADDRESS **P.O. BOX 591**
SOMERSET CO 81434

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (2-16) (17-19)

UTG040014
 PERMIT NUMBER

001 A
 DISCHARGE NUMBER

MINOR

Form Approved. OMB No. 2040-0004
 F - FINAL
 OUTFALL FROM SED. POND

FACILITY _____
 LOCATION _____

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	96	09	01		96	09	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE ***
 NOTE: Read instructions before completing this form.

ATTN: KATHLEEN WELT

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW RATE		NO DISCHARGE		(07)	*****	*****	*****			
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	*****	*****	*****	***		ONCE/ GRAB MONTH
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)		
00403 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.5 DAILY MN	*****	9.0 DAILY MX	SU		TWICE/ GRAB MONTH
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)		
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	25 30DA AVG	70 DAILY MX	MG/L		ONCE/ GRAB MONTH
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****		(25)		
00545 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5 DAILY MX	ML/L		ONCE/ GRAB MONTH
OIL AND GREASE FROM EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****		*****	*****		(19)		
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10 DAILY MX	MG/L		ONCE/ GRAB MONTH
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****		(19)		
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	2.0 DAILY MX	MG/L		ONCE/ GRAB MONTH
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	*****		(26)	*****	*****		(19)		
70295 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	2000 DAILY MX	LBS/DY	*****	*****	REPORT DAILY MX	MG/L		ONCE/ GRAB MONTH

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Kathleen Welt
 Environmental Supervisor

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE PENALTY AND FINES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT (SEE 18 USC § 1001 AND 33 USC § 1910). Penalties under these statutes may include fines up to \$100,000 and/or maximum imprisonment of between 6 months and 5 years.

Kathleen Welt
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 801 637-2422
 DATE: 96 10 28

COMMENT AND EXPLANATION OF ALL VIOLATIONS (Reference all attachments here)

TDS IS LIMITED TO ONE TON PER DAY FROM ALL OUTFALLS. DURING PRECIPITATION EVENTS SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT "DOES NOT APPLY" IN APPROPRIATE ROW.

Mountain Coal Company
West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



September 28, 1994

Mr. Donald A Hilden, PH.D., Chief
Permits and Compliance Section
Department of Environmental Quality
Division of Water Quality
288 North 1460 West
P.O. Box 144870
Salt Lake City, Utah 84114-4870

Dear Mr. Hilden:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040004, UTG040005, UTG040014, and UTG040015. These reports cover the months of July and August 1994.

If you have any questions or need any additional information, please contact me.

Respectfully,

Dan W. Guy for
Paige B. Beville, MCC

Enclosures

DWG/db

cc: Donna Franklin, E.P.A.
Pamela Grubaugh-Littig, UDOGM
Paige B. Beville, Mountain Coal Co.
File

Mountain Coal Company
West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



September 28, 1994

Ms. Pamela Grubaugh-Littig
Utah Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear Ms. Littig:

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Paige B. Beville, Mountain Coal Co.
File

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West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



September 28, 1994

Ms. Donna Franklin
U.S.E.P.A., Region VIII
999 18th Street
Denver Place - Suite 500 WM-C
Denver, Colorado 80202-2405

Dear Ms. Franklin:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040004, UTG040005, UTG040014 and UTG040015. These reports cover the months of July and August 1994.

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Enclosures

DWG/db

cc: Pamela Grubaugh-Littig, UDOGM
Donald Hilden, D.E.Q.
Paige B. Beville, Mountain Coal Co.
File

PERMITTEE NAME AND ADDRESS (Include Facility Name/Location if different)
NAME MOUNTAIN COAL COMPANY
ADDRESS P.O. BOX 591
SOMERSET CO. 81434

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
 (2-16) (17-19)

UTG040014 **001 A**
 PERMIT NUMBER DISCHARGE NUMBER

MINOR
 Form Approved. OMB No. 2040-0004
F - FINAL
OUTFALL FROM SEDS POND

FACILITY _____
 LOCATION _____

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	08	01		94	08	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE ***
 NOTE: Read instructions before completing this form.

ATTN: KATHLEEN WELT

PARAMETER (12-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW RATE				(07)	*****	*****	*****				
00056 1 0 0 EFFLUENT GROSS VALUE		REPORT	REPORT	300A AVG DAILY MX GPD	*****	*****	*****	***		ONCE / QUARTER	
PH		*****	*****			*****		(12)			
00400 1 0 0 EFFLUENT GROSS VALUE		*****	*****	***	6.5	*****	9.0	DAILY MX SU		TWICE / QUARTER	
SOLIDS, TOTAL SUSPENDED		*****	*****		*****			(19)			
00530 1 0 0 EFFLUENT GROSS VALUE		*****	*****	***	*****	25	70	300A AVG DAILY MX MG/L		ONCE / QUARTER	
SOLIDS, SETTLEABLE		*****	*****		*****	*****		(25)			
00545 1 0 0 EFFLUENT GROSS VALUE		*****	*****	***	*****	*****	0.5	DAILY MX ML/L		ONCE / QUARTER	
OIL AND GREASE FROM EXTR-GRAV METH		*****	*****		*****	*****		(19)			
00556 1 0 0 EFFLUENT GROSS VALUE		*****	*****	***	*****	*****	10	DAILY MX MG/L		ONCE / QUARTER	
IRON, TOTAL (AS FE)		*****	*****		*****	*****		(19)			
01045 1 0 0 EFFLUENT GROSS VALUE		*****	*****	***	*****	*****	0.0	DAILY MX MG/L		ONCE / QUARTER	
SOLIDS, TOTAL DISSOLVED		*****	*****	(26)	*****	*****		(19)			
70295 1 0 0 EFFLUENT GROSS VALUE		*****	2000	DAILY MX LBS/DY	*****	*****	REPORT	DAILY MX MG/L		ONCE / QUARTER	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Kathleen Welt
 Environmental Supervisor
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC 1101 AND 1103 & 1105. (Penalties under these statutes may include fines up to \$10000 and/or maximum imprisonment of between 6 months and 5 years.)

Kathleen Welt
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
 801 637-2422
 DATE
 94 09 28
 AREA CODE NUMBER YEAR MO DAY

TSS IS LIMITED TO ONE TON PER DAY FROM ALL OUTFALLS. DURING PRECIPITATION EVENTS SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT "DOES NOT APPLY" IN APPROPRIATE ROW.

PERMITTEE NAME AND ADDRESS (Include Facility Name/Location if different)

NAME MOUNTAIN COAL COMPANY
 ADDRESS P.O. BOX 591
SOMERSET CO 81434

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

UTG040014
 PERMIT NUMBER

001 A
 DISCHARGE NUMBER

MINOR

Form Approved.

F - FINAL OMB No. 2040-0004
 APPROVED FOR EXPORT 10-31-94
 OUTFALL FROM SED. POND

FACILITY _____
 LOCATION _____

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	07	01		94	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE ***
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PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW RATE				(07)	*****	*****	*****				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	*****	*****	*****	***	ONCE/	QUART	
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.5 DAILY MX	*****	9.0 DAILY MX	SU	ONCE/	QUART	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	25 30DA AVG	70 DAILY MX	MG/L	ONCE/	QUART	
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****		(25)			
00545 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5 DAILY MX	ML/L	ONCE/	QUART	
OIL AND GREASE FROM EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****		*****	*****		(19)			
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10 DAILY MX	MG/L	ONCE/	QUART	
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****		(19)			
01065 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	7.0 DAILY MX	MG/L	ONCE/	QUART	
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	*****		(26)	*****	*****		(19)			
70295 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	2000 DAILY MX	LBS/DY	*****	*****	REPORT DAILY MX	MG/L	ONCE/	QUART	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Kathleen Welt
 Environmental Supervisor
 (TYPE OR PRINT)

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY KNOWLEDGE OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE FEDERAL AND STATE PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT (SEE 18 USC § 1001 AND 33 USC § 1319 (Penalties under these Statutes may include fines up to \$5000 and or maximum imprisonment of between 6 months and 5 years.)

Kathleen Welt
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
 801 637-2422
 DATE
 94 08 28
 AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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Mountain Coal Company
West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



July 28, 1994

**Mr. Donald A Hilden, PH.D., Chief
Permits and Compliance Section
Department of Environmental Quality
Division of Water Quality
288 North 1460 West
P.O. Box 144870
Salt Lake City, Utah 84114-4870**

Dear Mr. Hilden:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040004, UTG040005, UTG040014, and UTG040015. These reports cover the month of June 1994.

If you have any questions or need any additional information, please contact me.

Respectfully,

**Dan W. Guy for
Kathy Welt, MCC**

Enclosures

DWG/db

**cc: Donna Franklin, E.P.A.
Pamela Grubaugh-Littig, UDOGM
Kathy Welt, Mountain Coal Co.
File**

Mountain Coal Company
West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



July 28, 1994

Ms. Donna Franklin
U.S.E.P.A., Region VIII
999 18th Street
Denver Place - Suite 500 WM-C
Denver, Colorado 80202-2405

Dear Ms. Franklin:

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Enclosures

DWG/db

cc: Pamela Grubaugh-Littig, UDOGM
Donald Hilden, D.E.Q.
Kathy Welt, Mountain Coal Co.
File

Mountain Coal Company
West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



July 28, 1994

Ms. Pamela Grubaugh-Littig
Utah Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear Ms. Littig:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040004, UTG040005, UTG040014 and UTG040015. These reports cover the month of June 1994.

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Enclosures

DWG/db

cc: Donna Franklin, E.P.A.
Donald Hilden, D.E.Q.
Kathy Welt, Mountain Coal Co.
File

PERMITTEE NAME AND ADDRESS (Include Facility Name/Location if different)
 NAME MOUNTAIN COAL COMPANY
 ADDRESS P.O. BOX 591
SOMERSET CO 81434

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (2-16) (17-19)

UTG040014
 PERMIT NUMBER

001 A
 DISCHARGE NUMBER

MINOR

Form Approved.

F - FINAL

OMB No. 2040-0004

OUTFALL FROM SED. POND

Approval expires 10/31/94

FACILITY 3/6 MINES
 LOCATION _____

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
94	06	01	TO	94	06	30
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

ATTN: KATHLEEN WELT

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW RATE		NO DISCHARGE		(07)	*****	*****	*****			
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	*****	*****	*****	***	ONCE/ MONTH	HEASD
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)		
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.5 DAILY MN	*****	9.0 DAILY MX	SU	TWICE/ GRAB MONTH	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)		
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	25 30DA AVG	70 DAILY MX	MG/L	ONCE/ GRAB MONTH	
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****		(25)		
00545 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.5 DAILY MX	ML/L	ONCE/ GRAB MONTH	
OIL AND GREASE FROM EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****		*****	*****		(19)		
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	10 DAILY MX	MG/L	ONCE/ GRAB MONTH	
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****		(19)		
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	2.0 DAILY MX	MG/L	ONCE/ GRAB MONTH	
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	*****		(26)	*****	*****		(19)		
70295 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	2000 DAILY MX	LBS/DY	*****	*****	REPORT DAILY MX	MG/L	ONCE/ GRAB MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Kathleen Welt
 Environmental Supervisor
 TYPED OR PRINTED

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Kathleen Welt
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 801 637-2422
 DATE 94 07 28
 AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VARIATIONS (Reference all attachments here)

TDS IS LIMITED TO ONE TON PER DAY FROM ALL OUTFALLS. DURING PRECIPITATION EVENTS SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT "DOES NOT APPLY" IN APPROPRIATE ROW.



Mountain Coal Company
West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015

June 28, 1994

**Mr. Donald A Hilden, PH.D., Chief
Permits and Compliance Section
Department of Environmental Quality
Division of Water Quality
288 North 1460 West
P.O. Box 144870
Salt Lake City, Utah 84114-4870**

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Respectfully,

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Kathy Welt, MCC**

Enclosures

DWG/db

**cc: Donna Franklin, E.P.A.
Pamela Grubaugh-Littig, UDOGM
Kathy Welt, Mountain Coal Co.
File**

Mountain Coal Company

West Elk Mine
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Telephone 303 929-5015



June 28, 1994

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Utah Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

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Kathy Welt, MCC**

Enclosures

DWG/db

cc: Donna Franklin, E.P.A.
Donald Hilden, D.E.Q.
Kathy Welt, Mountain Coal Co.
File

Mountain Coal Company
West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



June 28, 1994

Ms. Donna Franklin
U.S.E.P.A., Region VIII
999 18th Street
Denver Place - Suite 500 WM-C
Denver, Colorado 80202-2405

Dear Ms. Franklin:

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Kathy Welt, MCC

Enclosures

DWG/db

cc: Pamela Grubaugh-Littig, UDOGM
Donald Hilden, D.E.Q.
Kathy Welt, Mountain Coal Co.
File

PERMITTEE NAME (Include Facility Name/Location if different)
NAME MOUNTAIN COAL COMPANY
 ADDRESS **P.O. BOX 591**
SOMERSET CO 81434

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
 (2-16) (17-19)

UTG040014 **001 A**
 PERMIT NUMBER DISCHARGE NUMBER

MINOR
 Form Approved. OMB No. 2040-0004
F - FINAL
OUTFALL FROM SEWER POND

FACILITY **3/6 MINES**
 LOCATION

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	05	01		94	05	31

(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

*** NO DISCHARGE ***
 NOTE: Read instructions before completing this form.

ATTN: **KATHLEEN WELT**

PARAMETER (12-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW RATE				(07)	*****	*****	*****				
00056 1 0 0 EFFLUENT GROSS VALUE		REPORT	REPORT	30DA AVG DAILY MX GPD	*****	*****	*****	***		ONCE/30DA MONTH	
PH		*****	*****			*****		(12)			
00400 1 0 0 EFFLUENT GROSS VALUE		*****	*****	6.5 DAILY MM	*****	*****	9.0 DAILY MX SU			TWICE/30DA MONTH	
SOLIDS, TOTAL SUSPENDED		*****	*****		*****	*****		(19)			
00530 1 0 0 EFFLUENT GROSS VALUE		*****	*****	25 30DA AVG	*****	*****	70 DAILY MX MG/L			ONCE/30DA MONTH	
SOLIDS, SETTLEABLE		*****	*****		*****	*****		(25)			
00545 1 0 0 EFFLUENT GROSS VALUE		*****	*****	0.5 DAILY MX ML/L	*****	*****		(19)		ONCE/30DA MONTH	
OIL AND GREASE FROM EXTR-GRAV METH		*****	*****		*****	*****		(19)			
00556 1 0 0 EFFLUENT GROSS VALUE		*****	*****	10 DAILY MX MG/L	*****	*****		(19)		ONCE/30DA MONTH	
IRON, TOTAL (AS FE)		*****	*****		*****	*****		(19)			
01045 1 0 0 EFFLUENT GROSS VALUE		*****	*****	2.0 DAILY MX MG/L	*****	*****		(19)		ONCE/30DA MONTH	
SOLIDS, TOTAL DISSOLVED		*****	*****	(26)	*****	*****		(19)			
70295 1 0 0 EFFLUENT GROSS VALUE		*****	*****	2000 DAILY MX LBS/D	*****	*****	REPORT DAILY MX MG/L			ONCE/30DA MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Kathleen Welt
 Environmental Supervisor
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC 1001 AND 31 USC 119. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

Kathleen Welt
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
 801 637-2422
 AREA CODE NUMBER
 DATE
 94 06 28
 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 TDS IS LIMITED TO ONE TON PER DAY FROM ALL OUTFALLS. DURING PRECIPITATION EVENTS SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT "DOES NOT APPLY" IN APPROPRIATE ROW.

Mountain Coal Company

West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



May 27, 1994

Mr. Donald A Hilden, PH.D., Chief
Permits and Compliance Section
Department of Environmental Quality
Division of Water Quality
288 North 1460 West
P.O. Box 144870
Salt Lake City, Utah 84114-4870

Dear Mr. Hilden:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040004, UTG040005, UTG040014, and UTG040015. These reports cover the month of April 1994.

If you have any questions or need any additional information, please contact me.

Respectfully,

Dan W. Guy for
Kathy Welt, MCC

Enclosures

DWG/db

cc: Donna Franklin, E.P.A.
Pamela Grubaugh-Littig, UDOGM
Kathy Welt, Mountain Coal Co.
File

Mountain Coal Company

West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



May 27, 1994

Ms. Donna Franklin
U.S.E.P.A., Region VIII
999 18th Street
Denver Place - Suite 500 WM-C
Denver, Colorado 80202-2405

Dear Ms. Franklin:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040004, UTG040005, UTG040014 and UTG040015. These reports cover the month of April 1994.

If you have any questions or need any additional information, please contact me.

Respectfully,

Dan W. Guy for
Kathy Welt, MCC

Enclosures

DWG/db

cc: Pamela Grubaugh-Littig, UDOGM
Donald Hilden, D.E.Q.
Kathy Welt, Mountain Coal Co.
File

Mountain Coal Company

West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



May 27, 1994

Ms. Pamela Grubaugh-Littig
Utah Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear Ms. Littig:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040004, UTG040005, UTG040014 and UTG040015. These reports cover the month of April 1994.

If you have any questions or need any additional information, please contact me.

Respectfully,

Dan W. Guy for
Kathy Welt, MCC

Enclosures

DWG/db

cc: Donna Franklin, E.P.A.
Donald Hilden, D.E.Q.
Kathy Welt, Mountain Coal Co.
File

PERMITTEE NAME ADDRESS (Include Facility Name/Location if different)

NAME **MOUNTAIN COAL COMPANY**

ADDRESS **P.O. BOX 591**

SOMERSET

CO 81434

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

MINOR

Form Approved.

OMB No. 2040-0004

F - FINAL

OUTFALL FROM **SEPT. POND**

UTG040014

PERMIT NUMBER

001 A

DISCHARGE NUMBER

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	0	01		94		
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

FACILITY **3/6 Mine**

LOCATION

ATTN: **KATHLEEN WELT**

PARAMETER (12-17)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-51)			(4 Card Only) QUALITY OR CONCENTRATION (46-51)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW RATE				(07)	*****	*****	*****				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 300A AVG	REPORT DAILY MX	GPD	*****	*****	*****	***	ONCE/	SEASON	
PH	SAMPLE MEASUREMENT	*****	*****						(12)		
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.5	*****	9.0	SU	ONCE/	6000	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****				(19)		
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	25	70	MG/L	ONCE/	6000	
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****				(25)		
00545 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5	ML/L	ONCE/	6000	
OIL AND GREASE FROM EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****		*****				(19)		
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10	MG/L	ONCE/	6000	
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****				(19)		
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	7.0	MG/L	ONCE/	6000	
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	*****		(26)	*****				(19)		
70295 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	2000	DAILY MX	*****	*****	REPORT DAILY MX	MG/L	ONCE/	6000	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Kathleen Welt
Environmental Supervisor

(TYPE OR PRINT)

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY KNOWLEDGE OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SEVERAL PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$100,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE NUMBER
801 AREA CODE 637-2422

DATE
94 05 27

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

TDS IS LIMITED TO ONE TON PER DAY FROM ALL OUTFALLS. DURING PRECIPITATION EVENTS SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT "DOES NOT APPLY" IN APPROPRIATE ROW.

Mountain Coal Company

West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



April 28, 1994

Mr. Donald A Hilden, PH.D., Chief
Permits and Compliance Section
Department of Environmental Quality
Division of Water Quality
288 North 1460 West
P.O. Box 144870
Salt Lake City, Utah 84114-4870

Dear Mr. Hilden:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040004, UTG040005, UTG040014, and UTG040015. These reports cover the month of March 1994.

If you have any questions or need any additional information, please contact me.

Respectfully,

Dan W. Guy for
Kathy Welt, MCC

Enclosures

DWG/db

cc: Donna Franklin, E.P.A.
Lowell Braxton, UDOGM
Kathy Welt, Mountain Coal Co.
File

Mountain Coal Company

West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



April 28, 1994

Ms. Donna Franklin
U.S.E.P.A., Region VIII
999 18th Street
Denver Place - Suite 500 WM-C
Denver, Colorado 80202-2405

Dear Ms. Franklin:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040004, UTG040005, UTG040014 and UTG040015. These reports cover the month of March 1994.

If you have any questions or need any additional information, please contact me.

Respectfully,

Dan W. Guy for
Kathy Welt, MCC

Enclosures

DWG/db

cc: Lowell Braxton, UDOGM
Donald Hilden, D.E.Q.
Kathy Welt, Mountain Coal Co.
File

Mountain Coal Company
West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



April 28, 1994

Mr. Lowell Braxton, Administrator
Utah Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear Mr. Braxton:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040004, UTG040005, UTG040014 and UTG040015. These reports cover the month of March 1994.

If you have any questions or need any additional information, please contact me.

Respectfully,

Dan W. Guy for
Kathy Welt, MCC

Enclosures

DWG/db

cc: Donna Franklin, E.P.A.
Donald Hilden, D.E.Q.
Kathy Welt, Mountain Coal Co.
File

PERMITTEE NAME ADDRESS (Include Facility Name/Location if different)

NAME **MOUNTAIN COAL COMPANY**

ADDRESS **P.O. BOX 591**

SOMERSET

CO 81434

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

MINOR

Form Approved.

OMB No. 2040-0004

UTG040014
PERMIT NUMBER

001 A
DISCHARGE NUMBER

F - FINAL

OUTFALL FROM **SED. POND**

Approval Expires 10/31/94

FACILITY

LOCATION

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	03	01		94	03	31

*** NO DISCHARGE **IXI** ***

NOTE: Read instructions before completing this form.

ATTN: **KATHLEEN WELT**

PARAMETER (12-17)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (40-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW RATE				(07)	*****	*****	*****			
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	*****	*****	*****	***	ONCE/ 6MO	MONTH
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)		
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.5 DAILY MN	*****	9.0 DAILY MX	SU	TWICE/ 6MO	MONTH
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)		
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	25 30DA AVG	70 DAILY MX	MG/L	ONCE/ 6MO	MONTH
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****		(25)		
00545 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5 DAILY MX	ML/L	ONCE/ 6MO	MONTH
OIL AND GREASE FROM EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****		*****	*****		(19)		
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10 DAILY MX	MG/L	ONCE/ 6MO	MONTH
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****		(19)		
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	7.0 DAILY MX	MG/L	ONCE/ 6MO	MONTH
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	*****		(26)	*****	*****		(19)		
70295 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	2000 DAILY MX	LBS/01	*****	*****	REPORT DAILY MX	MG/L	ONCE/ 6MO	MONTH

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Kathleen Welt
Environmental Supervisor

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SEVERE AND PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE LIABILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 18 USC § 1011. Penalties under these statutes may include fines up to \$500,000 and/or maximum imprisonment of between 6 months and 5 years.

Kathleen Welt
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

801 637-2422

DATE

94 04 28

COMBUSTION AND EXHAUSTION OF AIR POLLUTANTS (Reference all attachments here)

TSS IS LIMITED TO ONE TON PER DAY FROM ALL OUTFALLS. DURING PRECIPITATION EVENTS SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT "DOES NOT APPLY" IN APPROPRIATE ROW.

PERMITTEE NAME AND ADDRESS (Include Facility Name/Location if different)
NAME MOUNTAIN COAL COMPANY
ADDRESS P.O. BOX 591
SOMERSET CO 81434

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
 (2-16) (17-19)

UT6040014
 PERMIT NUMBER

001 A
 DISCHARGE NUMBER

MINOR

Form Approved.

OMB No. 2040-0004

F - FINAL
 OUTFALL FROM SED. POND

FACILITY _____
 LOCATION _____

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
94	02	01		94	02	28
(20-21) (22-23) (24-25)				(26-27) (28-29) (30-31)		

*** NO DISCHARGE [X] ***
 NOTE: Read instructions before completing this form.

ATTN: KATHLEEN WELT

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW RATE	SAMPLE MEASUREMENT			(07)	*****	*****	*****			
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	*****	*****	*****	***	ONCE/	SEASON
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)		
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.5	*****	9.0	****	TWICE/	YEAR
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)		
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	25	70	****	ONCE/	YEAR
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****		(25)		
00545 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5	****	ONCE/	YEAR
OIL AND GREASE FROM EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****		*****	*****		(19)		
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10	****	ONCE/	YEAR
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****		(19)		
01065 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	2.0	****	ONCE/	YEAR
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	*****		(26)	*****	*****		(19)		
70295 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	2000	DAILY MX	*****	*****	REPORT DAILY MX	****	ONCE/	YEAR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Kathleen Welt
 Environmental Supervisor
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$5000 and/or maximum imprisonment of between 6 months and 5 years.)

[Signature]
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
 801 637-2422
 AREA CODE NUMBER
 DATE
 94 02 28
 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

TSS IS LIMITED TO ONE TON PER DAY FROM ALL OUTFALLS. DURING PRECIPITATION EVENTS SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT "DOES NOT APPLY" IN APPROPRIATE ROW.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME MOUNTAIN COAL COMPANY
ADDRESS P.O. BOX 591
SOMERSET CO 81634

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
 (2-16) (17-19)

UTG040014
 PERMIT NUMBER

001 A
 DISCHARGE NUMBER

MINOR
 Form Approved. OMB No. 2040-0004
F - FINAL
OUTFALL FROM SED. POND

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	01	01		94	01	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

***** NO DISCHARGE [X] *****
 NOTE: Read instructions before completing this form.

FACILITY
 LOCATION

ATTN: KATHLEEN WELT

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW RATE				(07)	*****	*****	*****			
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 300A AVG	REPORT DAILY MX	GPD	*****	*****	*****	***	ONCE/GRAB MONTH	
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)		
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.5	*****	9.0		THICE/GRAB MONTH	
	SAMPLE MEASUREMENT	*****	*****	****	DAILY MM		DAILY MX	SU		
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)		
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	25	70		ONCE/GRAB MONTH	
	SAMPLE MEASUREMENT	*****	*****	****	*****	300A AVG	DAILY MX	MG/L		
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****		(25)		
00545 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5		ONCE/GRAB MONTH	
	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	DAILY MX	ML/L		
OIL AND GREASE FROM EXTR-GRAY METH	SAMPLE MEASUREMENT	*****	*****		*****	*****		(19)		
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10		ONCE/GRAB MONTH	
	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	DAILY MX	MG/L		
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****		(19)		
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	8.0		ONCE/GRAB MONTH	
	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	DAILY MX	MG/L		
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	*****		(26)	*****	*****		(19)		
70295 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	2000	DAILY MX	*****	*****	REPORT DAILY MX	MG/L	ONCE/GRAB MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Kathleen Welt
 Environmental Supervisor
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319 (Penalties under these statutes may include fines up to \$10000 and/or maximum imprisonment of between 6 months and 5 years.)

Don H. Gray
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
801 AREA CODE
637-2422 NUMBER

DATE
94 YEAR
02 MO
28 DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

TDS IS LIMITED TO ONE TON PER DAY FROM ALL OUTFALLS. DURING PRECIPITATION EVENTS SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT "DOES NOT APPLY" IN APPROPRIATE ROW.

POND INSPECTIONS

E.I.S Hydrology
Pond Inspection Report

POND: # 306

LOCATION: Pool But Canyon

<u>ITEM</u>	<u>REMARKS</u>
(1) Potential Safety Hazards	<u>None</u>
(2) Slope Stability	<u>Stable</u>
(3) Erosion	<u>None - (minor on upper cell) (Rills)</u>
(4) Construction and Maintenance Performance Standards	<u>Good</u>
(5) Recommendations/Comments	<u>None - No Discharge Dry</u>

I have performed the above inspection on this pond and do hereby certify it to be a true and accurate representation of the pond at this time.

[Signature]
Inspector

Date 8/11/94

E.I.S Hydrology
Pond Inspection Report

POND: 603

LOCATION: Mountain Coal
3+6 mine

<u>ITEM</u>	<u>REMARKS</u>
(1) Potential Safety Hazards	<u>None</u>
(2) Slope Stability	<u>Good</u>
(3) Erosion	<u>None</u>
(4) Construction and Maintenance Performance Standards	Standing water pond <u>show on side slopes</u>
(5) Recommendations/Comments	<u>Not discharge</u>

I have performed the above inspection on this pond and do hereby certify it to be a true and accurate representation of the pond at this time.

Good Wells
Inspector

4-4-94
Date

E.I.S Hydrology
Pond Inspection Report

POND: 306

LOCATION: Coal Creek

ITEM	REMARKS
(1) Potential Safety Hazards	<u>None</u>
(2) Slope Stability	<u>Stable</u>
(3) Erosion	<u>None</u>
(4) Construction and Maintenance Performance Standards	<u>Stable</u>
(5) Recommendations/Comments	<u>None</u>

I have performed the above inspection on this pond and do hereby certify it to be a true and accurate representation of the pond at this time.

M. J. Cannon
Inspector

3/28/94
Date

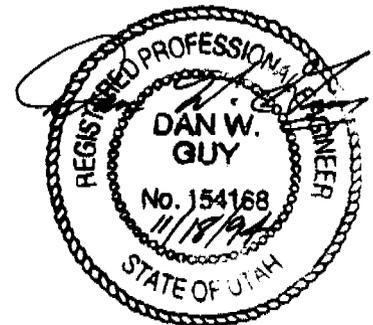
SUBSIDENCE

SURVEY

**MOUNTAIN COAL COMPANY
SUBSIDENCE MONITORING
GORDON CREEK NO. 3/6 MINES**

STATION	ORIGINAL ELEVATION		SURVEY ELEVATION		CHANGE	
	07/30/86	09/29/91	10/08/93	11/04/94	Last	Acc.
"O"	7577.760	7577.760	7577.760	7577.760	Control	
"N"	7892.180	7892.180	7892.180	7892.180	Control	
Sub-1	8269.400	8269.319	8269.332	8269.330	-0.002	-0.070
Sub-2	8107.430	8107.229	8107.180	8107.175	-0.005	-0.255
Sub-3	8502.610	8502.545	8502.505	8502.478	-0.027	-0.132
Sub-4	8308.580	8308.437	8308.645	8308.639	-0.006	+0.059
Sub-5	8512.470	8512.222	8512.129	8512.111	-0.018	-0.359
Sub-6	8412.570	8412.464	8412.264	8412.245	-0.019	-0.325

NOTE: (1) The area was walked between all stations. No visible movement, cracks or other subsidence effects were noted during the survey.



VEGETATION MONITORING

**ANNUAL
IMPOUNDMENT
CERTIFICATIONS**

MOUNTAIN COAL COMPANY
1994 ANNUAL POND INSPECTION REPORT

POND: SED. POND

LOCATION: G.C. 3/6 MINES

IMPOUNDMENTS

(1) Stability	<u>Slopes Stable.</u>
	<u>Vegetated.</u>
(2) Structural Weakness/Erosion	<u>None Noted.</u>
(3) Potential Safety Hazards	<u>None Noted.</u>
(4) Depth of Impounded Water	<u>N/A - Dry</u>
	<u>Lower Cell Dry.</u>
(5) Existing Storage Capacity	<u>3.11 Ac. Ft.</u>
(6) Monitoring Procedures	<u>Quarterly Inspection.</u>
	<u>U.P.D.E.S. Discharge.</u>

SEDIMENT PONDS ONLY

(7) Sediment Accumulation (Elev.)	<u>7510.1 (U) 7508.0 (L)</u>
(8) Sediment Cleanout Level (Elev.)	<u>7510.5 (U) 7509.5 (L)</u>
(9) Principle Spillway (Elev.)	<u>- 7516.0 (L)</u>
(10) Emergency Spillway (Elev.)	<u>7520.0 (U) 7518.0 (L)</u>
(11) Existing Sediment Capacity (To Cleanout)	<u>0.60 Ac. Ft.</u>

GENERAL

(12) Comments/Recommendations	<u>Moderate Use by</u>
	<u>Wildlife.</u>
	<u>No Discharge.</u>

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Dan W. Guy
 (Signature)

11-16-94
 (Date)

