MOUNTAIN COAL COMPANY

1995

ANNUAL REPORT

GORDON CREEK 2/7/8 MINES

COAL MINING AND RECLAMATION OPERATIONS FOR 1995

(Must be submitted to the Division by April 2, 1996)

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

RECEIVED
APR - 2 1996
DIV OF OIL, GAS & MINING

Permittee: MOUNTAIN COAL COMPANY

Mine Name: GORDON CREEK No. 2/7/8 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, DE 19801

Permit Number: ACT/007/016

MSHA ID Number: N/A

Date of Initial Permanent Program Permit: 05/11/78

Date of Permit Renewal: 08/28/94

Quantity of Coal Mined (tonnage) 1995: N/A (IN FINAL RECLAMATION)

Attach Updated Mine Sequence Map(s) showing mine development through December 31, 1995. (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 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 1995; 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

FEDERAL

PERMIT
ACT/007/016

AUGUST 28, 1994

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/007/016, 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 #2, #7, & #8 Mines. A Surety Bond is filed with the Division in the amount of $641,443, payable to the State of Utah, Division of Oil, Gas and Mining, and the Office of Surface Mining, Reclamation and Enforcement ('OSM'). 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 reclamation activities on the following described lands within the permit area at the Gordon Creek #2, #7, & #8 Mines, situated in the State of Utah, Carbon County, and located:

Township 13 South, Range 7 East, SLBM

Section 12: E1/2, E1/2 W1/2;
Section 13: NE1/4 NE1/4, N1/2 NW1/4 NE1/4, N1/2 S1/2 NW1/4 NE1/4, S1/2 S1/2 NW1/4 NE1/4, S1/2 NE1/4, E1/2 W1/2, SE1/4; and
Section 24: N1/2 NE1/4, NE1/4 NW1/4.

Township 13 South, Range 8 East, SLBM

Section 7: W1/2 SW1/4, SE1/4 SW1/4;
Section 17: SW1/4 SW1/4;
Section 18: Lots 1-4, NW1/4 NE1/4, S1/2 NE1/4, E1/2 NW1/4 NE1/4 SW1/4, SE1/4, SE1/4 SW1/4, S1/2 NW1/4, S1/2 NE1/4, NW1/4 NE1/4; and
Section 19: NE1/4, NE1/4 NW1/4, N1/2 SW1/4, NW1/4 SE1/4; Lots 1 and 2, SE1/4 NW1/4.

This legal description is for the permit area of the Gordon Creek #2, #7, & #8 Mines. The permittee is authorized to conduct reclamation activities and related surface activities on the foregoing described property subject to the conditions of 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 becomes effective on August 28, 1994, and expires on August 28, 1999.

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 R645-303-300.

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, R645-400-220, 30 CFR 842.13 and R645-400-110;

(b) be accompanied by private persons for the purpose of conducting an inspection in accordance with R645-400-100 and R645-400-200 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 reclamation 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 DISPOSAL OF POLLUTANTS - The permittee shall dispose of solids, sludge, filter backwash or pollutants in the course of treatment or control of waters or emissions to the air in the manner required by the approved Utah State Program and the Federal Lands Program which prevents violation of any applicable state or federal law.

Sec. 10 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. 11 EXISTING STRUCTURES - As applicable, the permittee will comply with R645-301 and R645-302 for compliance, modification, or abandonment of existing structures.

Sec. 12 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. 13 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. 14 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. 15 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. 16 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. 17 APPEALS - The permittee shall have the right to appeal as provided for under R645-300-200.

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: _____

Date: August 25, 1994

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

_____

Authorized Representative of the Permittee

Date: Sept. 8, 1994

AMENDMENTS

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

January 31, 1995

Carbon County Commission
Courthouse Building
Price, Utah 84501

Re: Application for Road Encroachment
Gordon Creek No. 2/7/8 Mine Area
Bryner Canyon / Consumers

Commission:

Mountain Coal Company is herein requesting your approval to construct a sedimentation pond along the upper portion of the County Road in Bryner Canyon (Consumers Area). The proposed pond side embankment will encroach on the existing road and right-of-way. The impact would be that of narrowing the last 400' of the existing 48' wide road to 26' in width, from the lower end of the pond to our gate, as shown on the attached map. The county road presently dead-ends at our locked gate.

It is our proposal to completely reclaim the Gordon Creek No. 2/7/8 Mines down to our gate. The proposed pond will allow required sediment control for the reclaimed area above. Mountain Coal Company will provide a turn-around below the point of narrowing, along with a sign indicating "Road Narrows / Dead End". The situation will not change from that which presently exists, with the exception of a slightly narrower road for the last 400' to our gate. No turn-around presently exists at this location.

The ponds are considered temporary, and will be removed upon Phase II Bond Release for the property from the Utah Division of Oil, Gas and Mining. This should occur in 3-4 years following the initial site reclamation. If the county desired, the road width could be restored at that time; however, it will still dead end at the present location.

It is our hope this proposal, along with our permit from the Division of Oil, Gas and Mining can be approved to allow for reclamation in the Summer/Fall of 1995. I will be happy to meet with you at your convenience. If you have any questions, or need further information, please call me at 637-2422.

Respectfully,

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

cc: Paige Beville - MCC
Scot Anderson - ARCO
Jesse Kelley - DOGM
File

CARBON COUNTY

1894 1994

February 10, 1995

Dan W. Guy, P.E.
Mountain Coal Company
West Elk Mine
P O Box 591
Somerset, CO 81434

Dear Dan:

Your application letter dated January 31, 1995 to Carbon County Government for a road encroachment approval on the upper portion of the county road in Bryner Canyon was granted by the Commission Board during our public meeting held on February 1, 1995.

All the terms outlined in your above mentioned letter are acceptable to the Commission, including the County option to have the road width restored in the future by your company.

Best of luck in your reclamation endeavors. I enjoyed visiting with you.

Sincerely,

William D. Krompel

William D. Krompel
Commission Chairman

WDK/mn

OTHER PERMITS

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

October 26, 1995

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

Re: Relocation of Discharge
Gordon Creek No. 2 Mine
Permit UTG040004
Carbon County, Utah

Dear Mr. Hilden:

Mountain Coal Company is herein requesting your approval to relocate the outfall for the Gordon Creek No. 2 Mine sediment pond discharge.

The minesite is in final reclamation, and the existing sediment pond will be removed in 1996. Prior to removal of the pond, a new, larger sediment pond will be constructed approximately 1500' down the canyon in the Bryner Canyon drainage. The new pond will replace the existing pond to allow for a more complete reclamation of the site. The new pond (2/7/8 Pond) will collect and treat all runoff from the reclaimed mine site, and will be removed after Phase II Bond Release is granted by the Utah Division of Oil, Gas and Mining.

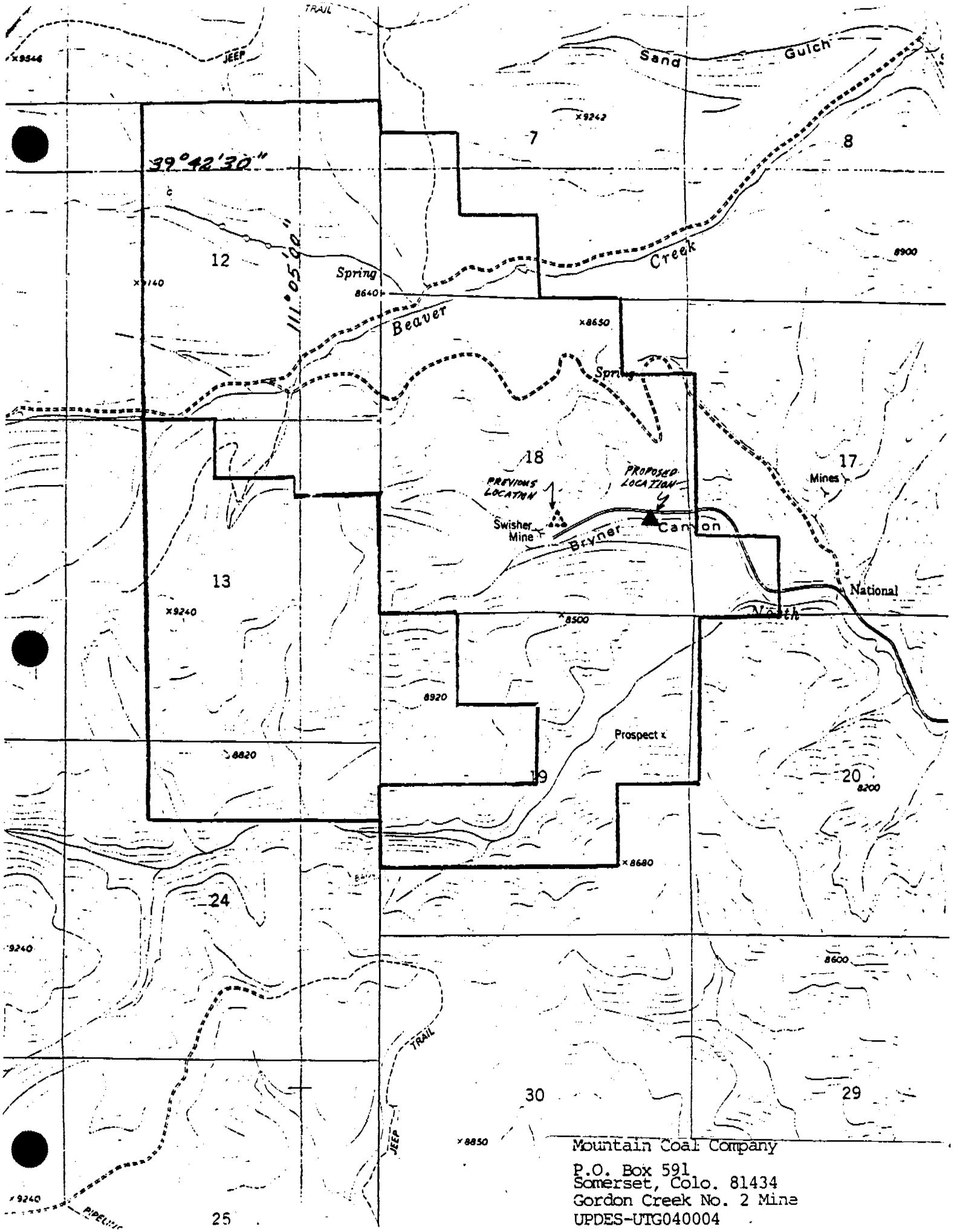
The location of the new proposed outfall is: Latitude 39d 41' 31" and Longitude 111d 03' 43". A map is enclosed showing the new proposed outfall location.

It is our hope this proposal meets with your approval. If you have any questions, or need any further information, please let me know.

Respectfully,

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

cc: Scot Anderson - ARCO
Paige Beville - ARCO/MCC
Susan White - DOGM
File



Mountain Coal Company
P.O. Box 591
Somerset, Colo. 81434
Gordon Creek No. 2 Mine
UPDES-UTG040004

State of Utah

DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF WATER QUALITY

Michael O. Leavitt
Governor
Dianne R. Nielson, Ph.D.
Executive Director
Don A. Ostler, P.E.
Director

288 North 1460 West
P.O. Box 144870
Salt Lake City, Utah 84114-4870
(801) 538-6146 Voice
(801) 538-6016 Fax
(801) 536-4414 T.D.D.

Water Quality Board
Keith W. Welch
Chairman
Lynn F. Pett
Vice Chairman
R. Rex Ausburn, P.E.
David S. Bowles, Ph.D., P.E.
Nan Bunker
Leonard Ferguson
Dianne R. Nielson, Ph.D.
Joe C. Nielson
K.C. Shaw, P.E.
Leroy H. Wullstein, Ph.D.
Don A. Ostler, P.E.
Executive Secretary

October 31, 1995

Dan W. Guy
Mountain Coal Company
Rt. 1, Box 146-H5
Helper, Utah 84526

Dear Mr. Guy:

Subject: Mountain Coal Company UPDES Permit No. UTG040004

We have reviewed your October 26, 1996 letter regarding the Mountain Coal Company's proposed changed outfall location for the Gordon Creek No. 2 Mine. We consider this to be a minor UPDES permit change since this will still be for storm runoff and the discharge will be to the same stream segment. Therefore, we do not object to the proposed outfall relocation, however, please be reminded that the existing permit limitations and conditions still apply.

If there is any additional communication necessary, please contact Steven McNeal at (801) 538-6075. Thank you.

Sincerely,

Donald A. Hilden, Ph.D., Manager
Permits & Compliance Section

DAH:SRM:ja

cc: Dave Ariotti, District Engineer
Claron Bjork, Southeastern Utah District Health Dept.
Judy Kobus-Fisk, EPA Region VIII

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FILE:

Printed on recycled paper

OTHER PERMITS

Permit No. UTG040000
_ Industrial

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 Company Gordon Creek No. 2 Mine located approximately 20 miles northwest of Price, Utah as identified in the Notice of Intent, application UTG040004 is authorized to discharge at outfall located at latitude 39°41'33" and longitude 111°03'56",

to Bryner 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 resources 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 discharges.

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.

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 (BOD_5)
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

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 Bryner 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 or taste, or conditions which produce undesirable aquatic life or which produces objectionable tastes in edible aquatic organisms; or concentrations or combinations of substances which produce undesirable physiological responses in desirable resident fish, or other desirable aquatic life, or undesirable human health effects, as determined by bioassay or other tests performed in accordance with standard procedures.

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

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 I.A* 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.

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, and/or stabilization measures to limit erosion. (The general permit for storm water discharges associated with industrial activity contains information for developing a satisfactory plan).

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 deicers, 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 IV.G 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 311* 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.

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), postmarked 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. Such increased frequency shall also be indicated. Only those parameters required by the permit need to be reported.

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,

d. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the 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 II.J.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.

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.

b. Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass as 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 Noncompliance 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.

I. Toxic Pollutants. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of *The Water Quality Act of 1987* for toxic pollutants within the time provided in the regulations that establish those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

J. Changes in Discharge of Toxic Substances. Notification shall be provided to the Executive Secretary as soon as the permittee knows of, or has reason to believe:

1. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

   a. One hundred micrograms per liter (100 ug/L);

   b. Two hundred micrograms per liter (200 ug/L) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/L) for 2,4-dinitrophenol and for 2-methyl-4, 6-dinitrophenol; and one milligram per liter (1 mg/L) for antimony;

   c. Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with *UAC R317-8-3.4(7)* or (10); or,

   d. The level established by the Executive Secretary in accordance with *UAC R317-8-4.2(6)*.

2. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

   a. Five hundred micrograms per liter (500 ug/L);

   b. One milligram per liter (1 mg/L) for antimony:

   c. Ten (10) times the maximum concentration value reported for that pollutant in the permit application in accordance with *UAC R317-8-3.4(9)*; or,

   d. The level established by the Executive Secretary in accordance with *UAC R317-8-4.2(6)*.

K. Industrial Pretreatment. Any wastewaters discharged to the sanitary sewer, either as a direct discharge or as a hauled waste, are subject to Federal, State and local pretreatment regulations. Pursuant to Section 307 of *The Water Quality Act of 1987*, the permittee shall comply with all applicable federal General Pretreatment Regulations promulgated at *40 CFR 403*, the State Pretreatment Requirements at *UAC R317-8-8*, and any specific local discharge limitations developed by the Publicly Owned Treatment Works (POTW) accepting the wastewaters.

In addition, in accordance with *40 CFR 403.12(p)(1)*, the permittee must notify the POTW, the EPA Regional Waste Management Director, and the State hazardous waste authorities, in writing, if they discharge any substance into a POTW which if otherwise disposed of would be considered a hazardous waste under *40 CFR 261*. This notification must include the name of the hazardous waste, the EPA hazardous waste number, and the type of discharge (continuous or batch).

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 that person. 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 for the overall operation of the regulated facility, such as the position of plant manager,

superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.)

3. Changes to authorization. If an authorization under paragraph *IV.G.2* is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of paragraph *IV.G.2* must be submitted to the Executive Secretary prior to or together with any reports, information, or applications to be signed by an authorized representative.

4. Certification. Any person signing a document under this section shall make the following certification:

> "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

H. Penalties for Falsification of Reports. The *Act* provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction be punished by a fine of not more than $10,000.00 per violation, or by imprisonment for not more than six months per violation, or by both.

I. Availability of Reports. Except for data determined to be confidential under *UAC R317-8-3.2*, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the office of Executive Secretary. As required by the *Act*, permit applications, permits and effluent data shall not be considered confidential.

J. Oil and Hazardous Substance Liability. Nothing in this permit shall be construed to preclude the permittee of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under the *Act*.

K. Property Rights. The issuance of this permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

L. Severability. The provisions of this permit are severable, and if any provisions of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

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 date;

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 R317.8*, 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".

F:Gen-Coal.per

BOND

STATE #ACT/007/016

ORIGINAL

R I D E R

RIDER to be attached to and form a part of Bond Number U-629965

on behalf of BEAVER CREEK COAL COMPANY
(Name)

555 SEVENTEENTH STREET, DENVER, COLORADO 80202
(Address)

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

as Obligee, executed by UNITED PACIFIC INSURANCE COMPANY as Surety,
in the amount of SIX HUNDRED FORTY-ONE THOUSAND FOUR HUNDRED FORTY-THREE AND NO/100----------
Dollars ($ 641,443.00-----) effective SEPTEMBER 13, 19 90.

It is hereby understood and agreed that effective as of SEPTEMBER 5, 1991, the said bond has been amended as follows:

1) The Principal's Name has been changed from: BEAVER CREEK COAL COMPANY
to: MOUNTAIN COAL COMPANY

2) Specific Language has been added:
"In the event the Cooperative Agreement between the DIVISION and OSM is terminated, then the portion of the bond covering the Federal Lands will be payable only to the United States, Department of Interior, Office of Surface Mining."

Nothing herein contained shall vary, alter or extend any provisions or conditions of the bond other than as above stated.

SIGNED, SEALED AND DATED this 5TH day of SEPTEMBER, 19 91.

LEGAL

MOUNTAIN COAL COMPANY
Principal

BY: Thomas H. Parker
Vice President

UNITED PACIFIC INSURANCE COMPANY
Surety

BY: [redacted] M. Iwanoff
DOROTHY M. IWANOFF
ATTORNEY-IN-FACT

Date: September 25, 1990

Subject: **Rider for State of Utah**
Reclamation Bond #U-629965
Gordon Creek #2 and #7 Mine

From/Location: Kim Penoyer, DAT-2165

To/Location: Dick Pick, Grand Jct.

Please sign the attached Rider for the State of Utah Reclamation Bond for Gordon Creek #2 and #7 Mines. We were notified that our bond had an incorrect acreage figure which needed to be updated.

If you will return the signed document to me, I will obtain the proper seal and return it to the State Office.

KP:mjb
attachment
cc: Dan Guy, w/a

R I D E R

RIDER to be attached to and form a part of Bond Number U-629965

on behalf of BEAVER CREEK COAL COMPANY
(Name)

555 SEVENTEENTH STREET, DENVER, COLORADO 80202
(Address)

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

as Obligee, executed by UNITED PACIFIC INSURANCE COMPANY as Surety,

in the amount of SIX HUNDRED FORTY-ONE THOUSAND FOUR HUNDRED FORTY-THREE AND NO/100**

Dollars ($ 641,443.00***) effective JULY 30, 19 87.

It is hereby understood and agreed that effective as of SEPTEMBER 13, 1990, the Acreage on said bond has been amended from: 2,286.05 acres of land

to: 17.2 acres of land

Nothing herein contained shall vary, alter or extend any provisions or conditions of the bond other than as above stated.

CALIFORNIA
ACKNOWLEDGEMENT BY SURETY

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES } ss.

On this 13TH day of SEPTEMBER in the year 19 90, before me CORA V. RODRIGUEZ personally appeared CASSIE J. BERRISFORD, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person who executed the within instrument as attorney-in-fact of UNITED PACIFIC INSURANCE COMPANY and acknowledged to me that the corporation executed it.

OFFICIAL SEAL
CORA V. RODRIGUEZ
NOTARY PUBLIC - CALIFORNIA
PRINCIPAL OFFICE IN
LOS ANGELES COUNTY
My Commission Expires March 24, 1993

Cora V. Rodriguez
Notary Public

UNITED PACIFIC INSURANCE COMPANY

HEAD OFFICE, FEDERAL WAY, WASHINGTON

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 Washington, does hereby make, constitute and appoint

CASSIE J. BERRISFORD of LOS ANGELES, CALIFORNIA

its true and lawful Attorney-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 UNDERTAKINGS

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 Attorneys-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-in-Fact at any time and revoke the power and authority given to him.

2. Attorneys-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. Attorneys-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 6th day of June, 1978, 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 certificate 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 7th day of May 19 90

UNITED PACIFIC INSURANCE COMPANY

Vice President

STATE OF Washington
COUNTY OF King } ss.

On this 7th day of May , 19 90 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.

My Commission Expires:
May 15 , 19 90

Notary Public in and for State of Washington
Residing at Tacoma

I, Robert D. Ritzhaupt, 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 13TH day of SEPTEMBER 19 90

Assistant Secretary

Robert D. Ritzhaupt

EDU-1431 Ed. 4/89

LIABILITY INSURANCE

ACORD. CERTIFICATE OF INSURANCE

DATE (MM/DD/YY) 12/11/95

PRODUCER

Johnson & Higgins of California
Casualty Department
[illegible]029 Century Park East
[illegible]s Angeles, CA 90067
Tel: (310) 551-4667
0659A-GL5H

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED

ATLANTIC RICHFIELD COMPANY, ITS SUBSIDIARIES AND SUBSIDIARIES THEREOF AS NOW OR HEREINAFTER CONSTITUTED
515 SOUTH FLOWER STREET
LOS ANGELES, CALIFORNIA 90071

COMPANIES AFFORDING COVERAGE

COMPANY A: INDEMNITY INSURANCE COMPANY OF NORTH AMERICA
COMPANY B:
COMPANY C:
COMPANY D:

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	**GENERAL LIABILITY**	ISL G1 423156-0	01-01-96	01-01-99	BODILY INJURY OCC	$ N/A
	X COMPREHENSIVE FORM				BODILY INJURY AGG	$ N/A
	X PREMISES/OPERATIONS				PROPERTY DAMAGE OCC	$ N/A
	X UNDERGROUND EXPLOSION & COLLAPSE HAZARD				PROPERTY DAMAGE AGG	$ N/A
	X PRODUCTS/COMPLETED OPER				BI & PD COMBINED OCC	$ 500,000
	X CONTRACTUAL				BI & PD COMBINED AGG	$ *500,000
	X INDEPENDENT CONTRACTORS				PERSONAL INJURY AGG	$ N/A
	X BROAD FORM PROPERTY DAMAGE					
	X PERSONAL INJURY					
	AUTOMOBILE LIABILITY				BODILY INJURY (Per person)	$
	ANY AUTO					
	ALL OWNED AUTOS (Private Pass)				BODILY INJURY (Per accident)	$
	ALL OWNED AUTOS (Other than Private Passenger)					
	HIRED AUTOS				PROPERTY DAMAGE	$
	NON-OWNED AUTOS					
	GARAGE LIABILITY				BODILY INJURY & PROPERTY DAMAGE COMBINED	$
	EXCESS LIABILITY				EACH OCCURRENCE	$
	UMBRELLA FORM				AGGREGATE	$
	OTHER THAN UMBRELLA FORM					$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				STATUTORY LIMITS	
	THE PROPRIETOR/ PARTNERS/EXECUTIVE OFFICERS ARE: INCL / EXCL				EACH ACCIDENT	$
					DISEASE - POLICY LIMIT	$
					DISEASE - EACH EMPLOYEE	$
	OTHER					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS (LIMITS MAY HAVE BEEN REDUCED BY PAID CLAIMS AND MAY HAVE DEDUCTIBLES OR RETENTIONS)

*PRODUCTS COMPLETED OPERATIONS. NAMED INSURED INCLUDES MOUNTAIN COAL COMPANY AND ARCO COAL COMPANY.
**INCLUDES "XCU" COVERAGE
GORDON CREEK #2, #7 AND #8 ACT/007/016.

CERTIFICATE HOLDER

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

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 45 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

©ACORD CORPORATION 1993

WATER MONITORING

2/7/8

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
WYRMOM

E.I.S. Hydrology
Field Measurements Form

Date 10/12/94 Station # 2-1W

Company Min Con

Time 11:00

Flow/Depth -

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 Dry

Field Monitor

When Sample or Measurements Not Taken:

Reason: Dry

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

E.I.S. Hydrology
Field Measurements Form

Date 11/22/94 Station # 2-1W

Company Mtn. Coal

Time 15:40

Flow/Depth ✓

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 X

Pump Reading

Comments

Field Monitor

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 12/23/94 Station # 2-IW

Company MTN Coal Co.

Time 4:00

Flow/Depth —

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 DRY

Field Monitor

When Sample or Measurements Not Taken:

Reason: Dry

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

WATER MONITORING REPORT

Property: BCCC #2 Mine
Station: 2-1W
Location: Sed. Pond Discharge
Type: NPDES
Frequency: Monthly

	Date Sampled										
Field Measurements	01/11/94	02/09/94	03/28/94	04/04/94	05/17/94	06/07/94	07/11/94	08/11/94	09/02/94	10/12/94	11/22/94
Flow [gpm]	N/A	N/A	DRY	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											

12/23/94

DRY

E.I.S. Hydrology
Field Measurements Form

Date 10/12/94 Station # 2-SW

Company MM. Coal

Time 11:40

Flow/Depth 1/2

pH 8.0

Specific Conductivity 650

Water Temperature 6

Air Temperature 64

Dissolved Oxygen 8

Type: Spring___ Stream X Well___ Discharge___ NPDES___

Collection Point Pump House

Appearance of Water: Clear L Milky___ Cloudy___ Opaque___

Quality Sample Taken: Yes___ No L

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 # 2-2W

Company Min. Core

Time 14:10

Flow/Depth 74 gpm

pH 8.1

Specific Conductivity 590

Water Temperature 2°

Air Temperature 37

Dissolved Oxygen 7

Type: Spring___ Stream X Well___ Discharge___ NPDES___

Collection Point Below Burke Pond

Appearance of Water: Clear X Milky___ Cloudy___ Opaque___

Quality Sample Taken: Yes___ No X

Pump Reading_____

Comments_____

Field Monitor M. O'Connor

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 12/28/94 Station # 2-2W

Company M. Paul

Time 9:10

Flow/Depth Uk - Ice Bond

pH 8

Specific Conductivity 495

Water Temperature 0

Air Temperature 34

Dissolved Oxygen 7

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 M. A. Conrad

When Sample or Measurements Not Taken:

Reason:

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

Inter·Mountain Laboratories, Inc.

2506 W. Main Street
Farmington, New Mexico 87401

Client: **Mountain Coal Company**
Project: CV Spur and 2-2W
Sample ID: 2-2W
Laboratory ID: W02191
Sample Matrix: Water
Condition: Cool/Intact

Date Reported: 12/29/94
Date Sampled: 11/29/94
Time Sampled: 1224
Date Received: 12/05/94

Parameter	Analytical Result	Units		Units
Lab pH	7.9	s.u.		
Lab Conductivity @ 25° C	691	umhos/cm		
Total Dissolved Solids @ 180°C	424	mg/L		
Total Dissolved Solids (Calc)	399	mg/L		
Total Suspended Solids	30	mg/L		
Total Hardness as CaCO3	372	mg/L		
Total Alkalinity as CaCO3	282	mg/L		
Bicarbonate as HCO3	344	mg/L	5.64	meq/L
Carbonate as CO3	0	mg/L	0.00	meq/L
Hydroxide as OH	0	mg/L	0.00	meq/L
Chloride	8.9	mg/L	0.25	meq/L
Sulfate	89	mg/L	1.85	meq/L
Calcium	86	mg/L	4.30	meq/L
Magnesium	38	mg/L	3.13	meq/L
Potassium	2.4	mg/L	0.06	meq/L
Sodium	5.7	mg/L	0.25	meq/L
Cations			7.74	meq/L
Anions			7.74	meq/L
Cation/Anion Difference			0.02	%

Metals (Total)

Iron	0.46	mg/L
Manganese	0.03	mg/L

Reference: U.S.E.P.A. 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
"Standard Methods For The Examination Of Water And Waste Water", 17th ed., 1989.

Reported by mh

Reviewed by dlf

Inter-Mountain Laboratories, Inc.

2506 W. Main Street
Farmington, New Mexico 87401

TOTAL OIL AND GREASE
EPA METHOD 413.2

Mountain Coal Co.

Project: CV Spur and 2-2W
Matrix: Water
Condition: Intact/Cool

Date Reported: 12/15/94
Date Sampled: 11/29/94
Date Received: 12/05/94
Date Extracted: 12/13/94
Date Analyzed: 12/14/94

Sample ID	Lab ID	Result (mg/L)	Detection Limit
2-2W	2190	ND	1

ND - Analyte not detected at stated detection level.

References:

Method 413.2: Oil And Grease, Total Recoverable, USEPA Chemical Analysis of Water and Waste, 1978.

Method 3510: Separatory Funnel Liquid - Liquid Extraction, USEPA SW-846, Test Methods for Evaluating Solid Waste, Sept. 1986.

Analyst: Anna Schauer

Reviewed: D.L.

WATER MONITORING REPORT

Property: BCCC #2 Mine
Station: 2-2-W
Location: N. Fork Gordon
Type: P. Stream
Frequency: Monthly-Quarterly

Field Measurements	Date Sampled 01/11/94	02/09/94	03/28/94	04/04/94	05/17/94	06/07/94	07/11/94	08/11/94	09/02/94	10/12/94	11/22/94
Flow [gpm]	84.00	74.00	105.00	179.00	214.00	120.00	62.00	41.00	45.00	114.00	74.00
PH	8.00	7.20	7.90	7.90	8.10	7.61	7.60	7.90	7.48	8.00	8.10
Sp.Con. [ohms]	610.00	572.00	660.00	460.00	610.00	582.00	490.00	610.00	731.00	650.00	590.00
Temp [C]	1.00	-1.00	1.00	4.00	7.00	13.00	14.00	16.00	13.00	6.00	2.00
Diss. O. [ppm]	7.00	7.00	8.00	8.00	8.00	8.30	9.00	9.00	7.00	8.00	7.00

Lab. Meas. [mg/l]	Date Sampled 02/09/94	04/04/94	09/06/94	11/22/94	Mean
TDS	393.00	318.00	395.00	399.00	376.25
TSS	45.00	<1	7.00	30.00	27.33
O & G	<0.25	<1	ND	ND	0.00
CaCO3	289.00	259.00	235.00	282.00	266.25
Hd CaCO3	355.00	296.00	368.00	372.00	347.75
HCO3	352.00	315.00	287.00	344.00	324.50
CO3	0.00	0.00	0.00	0.00	0.00
Cl	10.00	9.40	9.40	8.90	9.43
SO4	86.00	52.00	115.00	89.00	85.50
Ca	72.00	56.00	78.00	86.00	73.00
Mg	43.00	38.00	42.00	38.00	40.25
K	2.50	2.20	3.20	2.40	2.58
Na	5.60	5.30	7.00	5.70	5.90
Cat/An	2.97	2.36	2.50	0.02	1.96
Fe	1.04	<0.05	0.56	0.46	0.69
Mn	1.96	<0.02	0.02	0.03	0.67

12/28/94	MEAN
ICED	101.09
8.00	7.82
495.00	588.33
0.00	6.33
7.00	7.78

E.I.S. Hydrology
Field Measurements Form

Date 11/22/94 Station # 2-3W

Company Mtn Com

Time Dry-Assumption (Not Accessable)

Flow/Depth

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: F N/A

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

WATER MONITORING REPORT

Property: BCCC #9 Mine
Station: 2-3W
Location: Lower Beaver Cr.
Type: P. Stream
Frequency: Bi-Annual

Field Measurements	Date Sampled 06/07/94	09/02/94	MEAN
Flow [gpm]	50.00	DRY	50.00
PH	7.52		7.52
Sp.Con. [ohms]	520.00		520.00
Temp [C]	21.00		21.00
Diss. O. [ppm]	7.60		7.60
Lab. Meas. [mg/l]			
TDS	231.00		231.00
TSS	28.00		28.00
Al CaCO3	231.00		231.00
Hd CaCO3	243.00		243.00
HCO3	282.00		282.00
CO3	0.00		0.00
Cl	4.10		4.10
SO4	21.00		21.00
Ca	19.00		19.00
Mg	48.00		48.00
K	1.30		1.30
Na	<0.2		<0.2
Cat/An	0.17		0.17
Fe	0.71		0.71
Mn	0.07		0.07

E.I.S. Hydrology
Field Measurements Form

Date 11/22/94 Station # 2-4W

Company Mine Coal

Time 1430

Flow/Depth N/A - 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

Field Monitor

When Sample or Measurements Not Taken:

Reason: N/A - D Road Crossing

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

WATER MONITORING REPORT

Property: BCCC #2 Mine
Station: 2-4-W
Location: Up. Beaver Cr.
Type: P. Stream
Frequency: Bi-Annual

Field Measurements	Date Sampled 06/07/94	09/02/94	MEAN
Flow [gpm]	58.00	DRY	58.00
PH	7.25		7.25
Sp.Con. [ohms]	590.00		590.00
Temp [C]	10.00		10.00
Diss. O. [ppm]	7.00		7.00
Lab. Meas. [mg/l]			
TDS	242.00		242.00
TSS	27.00		27.00
Al CaCO3	236.00		236.00
Hd CaCO3	289.00		289.00
HCO3	288.00		288.00
CO3	0.00		0.00
Cl	3.70		3.70
SO4	15.00		15.00
Ca	25.00		25.00
Mg	55.00		55.00
K	1.00		1.00
Na	<0.2		<0.2
Cat/An	7.29		7.29
Fe	0.21		0.21
Mn	0.04		0.04

E.I.S. Hydrology
Field Measurements Form

Date 11/24/94 Station # 2-5W

Company Min Con

Time

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

When Sample or Measurements Not Taken:

Reason: N/A

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

WATER MONITORING REPORT

Property: BCCC
Station: 2-5W
Location: Jewkes Spring
Type: Spring
Frequency: Bi-Annual

Field Measurements	Date Sampled 06/07/94	09/02/94
Flow [gpm]	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		

E.I.S. Hydrology
Field Measurements Form

Date 11/22/94 Station # 2-6W

Company Mtn Coal

Time 15'45

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 X

Pump Reading

Comments

Field Monitor [signature]

When Sample or Measurements Not Taken:

Reason: N/A

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

WATER MONITORING REPORT

Property: BCCC
Station: 2-6W
Location: Gunnison Spring
Type: Spring
Frequency: Bi-Annual

Field Measurements	Date Sampled 06/07/94	09/02/94	MEAN
Flow [gpm]	30.00	DRY	30.00
PH	6.93		6.93
Sp.Con. [ohms]	630.00		630.00
Temp [C]	9.00		9.00
Diss. O. [ppm]	7.30		7.30
Lab. Meas. [mg/l]			
TDS	250.00		250.00
TSS	1.00		1.00
Al CaCO3	243.00		243.00
Hd CaCO3	263.00		263.00
HCO3	297.00		297.00
CO3	0.00		0.00
Cl	4.10		4.10
SO4	21.00		21.00
Ca	35.00		35.00
Mg	43.00		43.00
K	1.30		1.30
Na	<0.2		<0.02
Cat/An	0.21		0.21
Fe	0.81		0.81
Mn	0.04		0.04

E.I.S. Hydrology
Field Measurements Form

Date 4/22/97 Station # 2-TW

Company Min Coal

Time 1610

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 _____

Field Monitor _____

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 #2 Mine
Station: 2-7W
Location: Left Fork Bryner
Type: E. Stream
Frequency: Quarterly

Field Measurements	Date Sampled 02/09/94	06/07/94	09/02/94	11/22/94	MEAN
Flow [gpm]	N/A	7.60	DRY	DRY	7.60
PH		7.47			7.47
Sp. Cond. [ohms]		1,670.00			1,670.00
Temp. [C]		12.00			12.00
Diss. O [ppm]		7.50			7.50
Lab. Meas. [mg/l]					
TDS		846.00			846.00
TSS		208.00			208.00
Al CaCO3		331.00			331.00
Hd CaCO3		767.00			767.00
HCO3		404.00			404.00
CO3		0.00			0.00
Cl		40.00			40.00
SO4		400.00			400.00
Ca		41.00			41.00
Mg		161.00			161.00
K		5.20			5.20
Na		<0.2			0.00
Cat/An		0.55			0.55
Fe		1.92			1.92
Mn		0.11			0.11

E.I.S. Hydrology
Field Measurements Form

Date 11/22/94 Station # 2-SW

Company Mon Con

Time 16:00

Flow/Depth D

pH

Specific Conductivity

Water Temperature

Air Temperature

Dissolved Oxygen

Type: Spring___ Stream X Well___ Discharge___ NPDES___

Collection Point N. Fork of Bryner

Appearance of Water: Clear___ Milky___ Cloudy___ Opaque___

Quality Sample Taken: Yes___ No X

Pump Reading

Comments 8" Snow - No Flow

Field Monitor M.C. Connor

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 #2 Mine
Station: 2-8W
Location: Right Fork Bryner
Type: E. Stream
Frequency: Quarterly

Field Measurements	Date Sampled 03/10/94	06/07/94	09/02/94	11/22/94	Mean
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 11/22/94 Station # 2-9W

Company Mon Coal

Time 16:45

Flow/Depth D

pH

Specific Conductivity

Water Temperature

Air Temperature

Dissolved Oxygen

Type: Spring___ Stream X Well___ Discharge___ NPDES___

Collection Point below Mine

Appearance of Water: Clear___ Milky___ Cloudy___ Opaque___

Quality Sample Taken: Yes___ No X

Pump Reading

Comments

Field Monitor

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 #2 Mine
Station: 2-9W
Location: Bryner Canyon Below
Type: E. Stream
Frequency: Quarterly

Field Measurements	Date Sampled 02/09/94	06/07/94	09/02/94	11/22/94	Mean
Flow [gpm]	NO FLOW	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 11/22/94 Station # 2-10W

Company Min Corp

Time 16:55

Flow/Depth Dry (muddy on slop)

pH

Specific Conductivity

Water Temperature

Air Temperature

Dissolved Oxygen

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

Collection Point

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

Quality Sample Taken: Yes ___ No X

Pump Reading

Comments Snow melted - Mud - No Flow

Field Monitor

When Sample or Measurements Not Taken:

Reason:

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

WATER MONITORING REPORT

Property: Mt. Coal #2 Mine
Station: 2-10W
Location: Inflow Sed. P. A.
Type: E. Stream
Frequency: Quarterly

Field Measurements	Date Sampled 02/09/94	06/07/94	09/02/94	11/22/94	Mean
Flow [gpm]	N/A	>.10	DRY	DRY	>.10
PH		7.59			7.59
Sp. Cond. [ohms]		1,400.00			1,400.00
Temp. [C]		13.00			13.00
Diss. O [ppm]		7.20			7.20
Lab. Meas. [mg/l]					
TDS		729.00			729.00
TSS		2.00			2.00
Al CaCO3		331.00			331.00
Hd CaCO3		689.00			689.00
HCO3		449.00			449.00
CO3		0.00			0.00
Cl		25.00			25.00
SO4		312.00			312.00
Ca		35.00			35.00
Mg		146.00			146.00
K		12.00			12.00
Na		<0.2			<0.2
Cat/An		3.14			3.14
Fe		0.25			0.25
Mn		0.02			0.02

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, 1996

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 Number UTG040004. These reports cover the month of December, 1995.

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

Respectfully,

Dan W. Guy for
Paige W. Beville, MCC

Enclosures

DWG/db

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

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

NAME MOUNTAIN COAL COMPANY

ADDRESS C/O BLACKHAWK ENGINEERING

RT 1 BOX 146-H5

HELPER UT 84526

FACILITY 2/7/8 MINES

LOCATION GORDON CREEK

ATTN: PAIGE BEVILLE

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16) PERMIT NUMBER: UTG040004

(17-19) DISCHARGE NUMBER: 001 A

MINOR

Form Approved.

OMB No. 2040-0004

Approval expires 10-31-94

F - FINAL

SED PND OT FLE NO TRK GR DN CRK

*** NO DISCHARGE [X] ***

NOTE: Read instructions before completing this form.

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	12	01	TO	95	12	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
FLOW RATE	SAMPLE MEASUREMENT			(07)	******	******	******				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	******	******	******	**** ****		ONCE/ MONTH	MEASRD
PH	SAMPLE MEASUREMENT	******	******			******		(12)			
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	6.5 DAILY MN	******	9.0 DAILY MX	SU		TWICE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	******	******		******			(19)			
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	25 30DA AVG	70 DAILY MX	MG/L		ONCE/ MONTH	GRAB
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	******	******		******	******		(25)			
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	0.5 DAILY MX	ML/L		ONCE/ MONTH	GRAB
OIL AND GREASE FREON EXTR-GRAV METH	SAMPLE MEASUREMENT	******	******		******	******		(19)			
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******	10 DAILY MX	MG/L		ONCE/ MONTH	GRAB
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	******	******		******	******		(19)			
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******	1.0 DAILY MX	MG/L		ONCE/ MONTH	GRAB
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	******		(26)	******	******		(19)			
70295 Q 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	2000 DAILY MX	LBS/DY	******	******	REPORT DAILY MX	MG/L		ONCE/ MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

PAIGE B. BEVILLE
EH&S MANAGER

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 U.S.C. § 1001 AND 33 U.S.C. § 1319 (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 801 | NUMBER 637-2422

DATE: YEAR 96 | MO 01 | DAY 28

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 THE APPROPRIATE ROW.

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

December 28, 1995

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 Number UTG040004. These reports cover the month of November, 1995.

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

Respectfully,

Dan W. Guy for
Paige W. 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, 1995

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 Number UTG040004. These reports cover the month of November, 1995.

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

December 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 Number UTG040004. These reports cover the month of November, 1995.

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 C/O BLACKHAWK ENGINEERING
RT 1 BOX 146-H5
HELPER UT 84526
FACILITY 2/7/8 MINES
LOCATION GORDON CREEK
ATTN: PAIGE BEVILLE

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

(2-16) UTG040004 PERMIT NUMBER
(17-19) 001 A DISCHARGE NUMBER

MINOR

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

F - FINAL
SED PND OT FLE NO PRV GRDN CRK

*** NO DISCHARGE [X] ***

NOTE: Read instructions before completing this form.

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	11	01	TO	95	11	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
FLOW RATE	SAMPLE MEASUREMENT			(07)	******	******	******				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	******	******	******	**** ****		ONCE/ MEASRD 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 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	******	25 30DA AVG	70 DAILY MX	MG/L		ONCE/ GRAB MONTH	
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	******	******		******	******		(25)			
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	******	******	0.5 DAILY MX	ML/L		ONCE/ GRAB MONTH	
OIL AND GREASE FREON 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	******	******	*** ****	******	******	1.0 DAILY MX	MG/L		ONCE/ GRAB MONTH	
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	******		(26)	******	******		(19)			
70295 Q 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	2000 DAILY MX	LBS/DY	******	******	REPORT DAILY MX	MG/L		ONCE/ GRAB MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
PAIGE B. BEVILLE
EH&S MANAGER
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 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 801 | NUMBER 637-2422

DATE: YEAR 95 | MO 12 | DAY 28

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 THE APPROPRIATE ROW.

2/7/8

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

November 28, 1995

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 and UTG040005. These reports cover the month of October, 1995.

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, 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 and UTG040005. These reports cover the month of October, 1995.

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, 1995

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 and UTG040005. These reports cover the month of October, 1995.

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/ADDRESS (Include Facility Name/Location if different)
NAME MOUNTAIN COAL COMPANY
ADDRESS C/O BLACKHAWK ENGINEERING
RT 1 BOX 146-H5
HELPER UT 84526
FACILITY
LOCATION
ATTN: KATHLEEN WELT

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

(2-16) PERMIT NUMBER: UTG 040004
(17-19) DISCHARGE NUMBER: 001 A

MINOR
Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94
F - FINAL
SED PND OT FLE NO DRAINAGE CRK

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	10	01	TO	95	10	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
FLOW RATE	SAMPLE MEASUREMENT			(07)	******	******	******				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	******	******	****** ****	****		ONCE/ MEASRD 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 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	****** ****	****	******	25 30DA AVG	70 DAILY MX	MG/L		ONCE/ GRAB MONTH	
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	******	******		******	******		(25)			
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	****** ****	****	******	******	0.5 DAILY MX	ML/L		ONCE/ GRAB MONTH	
OIL AND GREASE FREON 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	******	****** ****	****	******	******	1.0 DAILY MX	MG/L		ONCE/ GRAB MONTH	
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	******		(26)	******	******		(19)			
70295 Q 0 0 SEE COMMENTS BELOW	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

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 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 801 | NUMBER 637-2422

DATE: YEAR 95 | MO 11 | DAY 28

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 THE APPROPRIATE ROW.

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

October 28, 1995

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 and UTG040005. These reports cover the month of September, 1995.

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, 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 and UTG040005. These reports cover the month of September, 1995.

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

October 28, 1995

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

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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 C/O BLACKHAWK ENGINEERING
RT 1 BOX 146-H5
HELPER UT 84526
FACILITY Gordon Creek 2/1/8
LOCATION
ATTN: KATHLEEN WELT

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

(2-16) UTG040004 PERMIT NUMBER
(17-19) 001 A DISCHARGE NUMBER

MINOR

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

F - FINAL
SED PND OTFLL NO PRK/GRDN CRK

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	09	01	TO	95	09	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [X] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
FLOW RATE	SAMPLE MEASUREMENT			(07)	******	******	******				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	******	******	****** **** ****			ONCE/ MEASRD 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 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	****** **** ****		******	25 30DA AVG	70 DAILY MX	MG/L		ONCE/ GRAB MONTH	
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	******	******		** ****	******		(25)			
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	****** **** ****		******	******	0.5 DAILY MX	ML/L		ONCE/ GRAB MONTH	
OIL AND GREASE FREON 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	******	****** **** ****		******	******	1.0 DAILY MX	MG/L		ONCE/ GRAB MONTH	
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	******		(26)	** ****	******		(19)			
70295 Q 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	2000 DAILY MX	LBS/DY	******	******	REPORT DAILY MX	MG/L		ONCE/ GRAB MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE
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 SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (*Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.*)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE 801 NUMBER 637-2422	YEAR 95 MO 10 DAY 28
TYPED OR PRINTED			

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 THE APPROPRIATE ROW.

2/7/8

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

September 28, 1995

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 August, 1995. Permit numbers UTG040014 and UTG040015 have been cancelled effective August 30, 1995.

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

Respectfully,

Dan W. Guy

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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
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Somerset, Colorado 81434
Telephone 303 929-5015

September 28, 1995

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

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File

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

September 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:

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Enclosures

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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 C/O BLACKHAWK ENGINEERING
RT 1 BOX 146-H5
HELPER UT 84526
FACILITY
LOCATION Gordon Creek 2/7/8 Mines
ATTN: KATHLEEN WELT

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

UTG040004 — PERMIT NUMBER
001 A — DISCHARGE NUMBER (17-19)

MINOR

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-96

F - FINAL
SED PND OTHER NO DISCHARGE GORDON CRK

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	08	01	TO	95	08	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
FLOW RATE	SAMPLE MEASUREMENT			(07)	******	******	******				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	******	******	******	**** ****		ONCE/ MEASRD 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 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	****** **** ****		******	25 30DA AVG	70 DAILY MX	MG/L		ONCE/ GRAB MONTH	
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	******	******		******	******		(25)			
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	****** **** ****		******	******	0.5 DAILY MX	ML/L		ONCE/ GRAB MONTH	
OIL AND GREASE FREON 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	******	****** **** ****		******	******	1.0 DAILY MX	MG/L		ONCE/ GRAB MONTH	
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	* ******		(26)	******	******		(19)			
70295 Q 0 0 SEE COMMENTS BELOW	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

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 U.S.C. § 1001 AND 33 U.S.C. § 1319. (*Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.*)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 801, NUMBER 637-2422

DATE: YEAR 95, MO 09, DAY 28

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 THE APPROPRIATE ROW.

2,7+5

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

August 28, 1995

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 July, 1995.

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

August 28, 1995

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U.S.E.P.A., Region VIII
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Denver, Colorado 80202-2405

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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

August 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

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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 C/O BLACKHAWK ENGINEERING
RT 1 BOX 146-H5
HELPER UT 84526
FACILITY
LOCATION 2178
ATTN: KATHLEEN WELT

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

(2-16) UTG040004 PERMIT NUMBER
(17-19) 001 A DISCHARGE NUMBER

MINOR
Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94
F - FINAL
SED PND OTFLL NO TRK/GRDN CRK
*** NO DISCHARGE [ ] ***
NOTE: Read instructions before completing this form.

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	07	01	TO	95	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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FLOW RATE	SAMPLE MEASUREMENT	720	21,600	(07) 150 gpm	******	******	******			[Decant	-24 hrs
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	******	******	****** **** ****			ONCE/ MONTH	MEASRD
PH	SAMPLE MEASUREMENT	******	******		8.1	******	8.1	(12)		2/DAY	Grab
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	****** **** ****		6.5 DAILY MN	******	9.0 DAILY MX	SU		TWICE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	******	******		******	-0-	-0-	(19)		ONCE/ MONTH	GRAB
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	****** **** ****		******	25 30DA AVG	70 DAILY MX	MG/L		ONCE/ MONTH	GRAB
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	******	******		******	******	< .05	(25)		ONCE/ MONTH	M HOFF
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	****** **** ****		******	******	0.5 DAILY MX	ML/L		ONCE/ MONTH	GRAB
OIL AND GREASE FREON EXTR-GRAV METH	SAMPLE MEASUREMENT	******	******		******	******	< 1	(19)		ONCE/ MONTH	GRAB
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	****** **** ****		******	******	10 DAILY MX	MG/L		ONCE/ MONTH	GRAB
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	******	******		** ****	******	0.20	(19)		ONCE/ MONTH	GRAB
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	****** **** ****		******	******	1.0 DAILY MX	MG/L		ONCE/ MONTH	GRAB
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	******		(26)	******	******	696	(19)		ONCE/ MONTH	GRAB
70295 Q 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	2000 DAILY MX	LBS/DY	******	******	REPORT DAILY MX	MG/L		ONCE/ MONTH	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 SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319 (*Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.*)

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TELEPHONE: AREA CODE 801, NUMBER 637-2422

DATE: YEAR 95, MO 08, DAY 28

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2/7/8

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

July 28, 1995

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:

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This letter will also serve as a request to deactivate Permit Numbers UTG040014 and UTG040015 for the Gordon Creek 3/6 Mines and Huntington Canyon No. 4 Mine, respectively. The Gordon Creek No. 3/6 Mine has been granted Phase II Bond Release by the Utah Division of Oil Gas and Mining, and although the ponds will remain, they will be used strictly for stock and wildlife watering and no longer used as sediment control. The Huntington Canyon No. 4 Mine has also been granted Phase II Bond Release contingent upon removal of the ponds. The ponds are expected to be totally removed by the end of August. Mr. Steve McNiel of the Utah Division of Water Quality suggested this request be made with the submittal of the June 1995 reports.

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

Respectfully,

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July 28, 1995

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July 28, 1995

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Enclosures

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File

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME MOUNTAIN COAL COMPANY
ADDRESS C/O BLACKHAWK ENGINEERING
RT 1 BOX 146-H5
HELPER UT 84526
FACILITY 2/7/8 MINES
LOCATION
ATTN: KATHLEEN WELT

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

(2-16) UTG040004 PERMIT NUMBER
(17-19) 001 A DISCHARGE NUMBER

MINOR

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-95

F - FINAL
SED PND OT FLE NO PRK JCTION CRK

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	06	01	TO	95	06	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [X] ***

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PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
FLOW RATE	SAMPLE MEASUREMENT	NO	Discharge	(07)	******	******	******				
00050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	******	******	****** **** ****			ONCE/ MONTH	MEASRD
PH	SAMPLE MEASUREMENT	******	******			******		(12)			
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	****** **** ****		6.5 DAILY MN	******	9.0 DAILY MX	SU		TWICE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	******	******		******			(19)			
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	****** **** ****		******	25 30DA AVG	70 DAILY MX	MG/L		ONCE/ MONTH	GRAB
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	******	******		******	******		(25)			
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	****** **** ****		******	******	0.5 DAILY MX	ML/L		ONCE/ MONTH	GRAB
OIL AND GREASE FREON EXTR-GRAV METH	SAMPLE MEASUREMENT	******	******		******	******		(19)			
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	****** **** ****		******	******	10 DAILY MX	MG/L		ONCE/ MONTH	GRAB
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	******	******		******	******		(19)			
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	****** **** ****		******	******	1.0 DAILY MX	MG/L		ONCE/ MONTH	GRAB
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	******		(26)	******	******		(19)			
70295 Q 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	2000 DAILY MX	LBS/DY	******	******	REPORT DAILY MX	MG/L		ONCE/ MONTH	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 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 $10,000 and/or maximum imprisonment of between 6 months and 5 years.)

Dan W. Guy
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 801 | NUMBER 637-2422

DATE: YEAR 95 | MO 07 | DAY 28

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 THE APPROPRIATE ROW.

2/7/8

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

June 28, 1995

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 May, 1995.

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

June 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 May, 1995.

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

June 28, 1995

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 May, 1995.

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

Respectfully,

Dan W. Guy for
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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/ADDRESS (Include Facility Name/Location if different)
NAME MOUNTAIN COAL COMPANY
ADDRESS C/O BLACKHAWK ENGINEERING
RT 1 BOX 146-H5
HELPER UT 84526
FACILITY 2/7/8 MINES
LOCATION
ATTN: KATHLEEN WELT

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

(2-16) UTG040004 PERMIT NUMBER
(17-19) 001 A DISCHARGE NUMBER

MINOR

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

F - FINAL
SED PND OTFLE NO TRK FGR ON CRK,

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	05	01	TO	95	05	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [X] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
FLOW RATE	SAMPLE MEASUREMENT	NO DISCHARGE		(07)	******	******	******				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	******	******	******	******		ONCE/MONTH	MEASRD
PH	SAMPLE MEASUREMENT	******	******			******		(12)			
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	******	6.5 DAILY MN	******	9.0 DAILY MX	SU		TWICE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	******	******		******			(19)			
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	******	******	25 30DA AVG	70 DAILY MX	MG/L		ONCE/MONTH	GRAB
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	******	******		******	******		(25)			
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	******	******	******	0.5 DAILY MX	ML/L		ONCE/MONTH	GRAB
OIL AND GREASE FREON EXTR-GRAV METH	SAMPLE MEASUREMENT	******	******		******	******		(19)			
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	******	******	******	10 DAILY MX	MG/L		ONCE/MONTH	GRAB
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	******	******		******	******		(19)			
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	******	******	******	1.0 DAILY MX	MG/L		ONCE/MONTH	GRAB
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	******		(26)	******	******		(19)			
70295 Q 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	2000 DAILY MX	LBS/DY	******	******	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Kathleen Welt
Environmental Supervisor
TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 801 NUMBER 637-2422

DATE: YEAR 95 MO 06 DAY 28

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 THE APPROPRIATE ROW.

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

May 28, 1995

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 1995.

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

May 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 April 1995.

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

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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

May 28, 1995

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 1995.

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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/ADDRESS (*Include Facility Name/Location if different*)
NAME [redacted]AIN COAL COMPANY
ADDRESS C/O BLACKHAWK ENGINEERING
RT 1 BOX 146-H5
HELPER UT 84526
FACILITY
LOCATION 2/7/8 MINES
ATTN: KATHLEEN WELT

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (*NPDES*)
DISCHA[redacted]E MONITORING REPORT (*DMR*)

UTG040004 — PERMIT NUMBER (17-19)
001 A — DISCHARGE NUMBER

MINOR

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

F - FINAL
SED PND OUTFLL NO PRK/GRDN CRK

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	04	01	TO	95	04	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [X] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
FLOW RATE	SAMPLE MEASUREMENT	NO DISCHARGE		(07)	******	******	******				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	******	******	****** **** ****			ONCE/ MEASRD 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 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	****** **** ****		******	25 30DA AVG	70 DAILY MX	MG/L		ONCE/ GRAB MONTH	
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	******	******		******	*****		(25)			
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	****** **** ****		******	******	0.5 DAILY MX	ML/L		ONCE/ GRAB MONTH	
OIL AND GREASE FREON 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	******	****** **** ****		******	******	1.0 DAILY MX	MG/L		ONCE/ GRAB MONTH	
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	******		(26)	******	******		(19)			
70295 Q 0 0 SEE COMMENTS BELOW	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

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 U.S.C. § 1001 AND 33 U.S.C. § 1319 (*Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.*)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 801 NUMBER 637-2422

DATE: YEAR 95 MO 05 DAY 28

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

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Z/7/8

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

April 28, 1995

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 1995.

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

April 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:

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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

April 28, 1995

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.
Paige B. Beville, Mountain Coal Co.
File

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME MOUNTAIN COAL COMPANY
ADDRESS C/O BLACKHAWK ENGINEERING
RT 1 BOX 146-H5
HELPER UT 84526
FACILITY
LOCATION Gordon Creek 2/7/8 Mines
ATTN: KATHLEEN WELT

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

(2-16) UTG040004 PERMIT NUMBER
(17-19) 001 A DISCHARGE NUMBER

MINOR

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

F - FINAL
SED PND OTFLL NO FRK/GRDN CRK

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	03	01	TO	95	03	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [X] ***
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PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
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00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	******	******	****** ****	****		ONCE/ MONTH	MEASRD
PH	SAMPLE MEASUREMENT	******	******			******		(12)			
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	****** ****	****	6.5 DAILY MN	******	9.0 DAILY MX	SU		TWICE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	******	******		******			(19)			
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	****** ****	****	******	25 30DA AVG	70 DAILY MX	MG/L		ONCE/ MONTH	GRAB
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00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	****** ****	****	******	******	0.5 DAILY MX	ML/L		ONCE/ MONTH	GRAB
OIL AND GREASE FREON EXTR-GRAV METH	SAMPLE MEASUREMENT	******	******		******	******		(19)			
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	****** ****	****	******	******	10 DAILY MX	MG/L		ONCE/ MONTH	GRAB
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01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	****** ****	****	******	******	1.0 DAILY MX	MG/L		ONCE/ MONTH	GRAB
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	******		(26)	******	******		(19)			
70295 Q 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	2000 DAILY MX	LBS/DY	******	******	REPORT DAILY MX	MG/L		ONCE/ MONTH	GRAB

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

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TELEPHONE: AREA CODE 801 | NUMBER 637-2422

DATE: YEAR 95 | MO 04 | DAY 28

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

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2/7/8

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

March 28, 1995

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:

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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

March 28, 1995

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Utah Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
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West Elk Mine
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March 28, 1995

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

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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/ADDRESS (Include Facility Name/Location if different)
NAME MOUNTAIN COAL COMPANY
ADDRESS C/O BLACKHAWK ENGINEERING
RT 1 BOX 146-H5
HELPER UT 84526
FACILITY 2/7/8 MINES
LOCATION
ATTN: KATHLEEN WELT

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

(2-16) UTG040004 PERMIT NUMBER
(17-19) 001 A DISCHARGE NUMBER

MINOR

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

F - FINAL
SED PND OTFLL NO PRKG RDN CRK

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	02	01	TO	95	02	28
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
FLOW RATE	SAMPLE MEASUREMENT			(07)	******	******	******				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	******	******	****** ****	****		ONCE/ MEASRD 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 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	****** ****	****	******	25 30DA AVG	70 DAILY MX	MG/L		ONCE/ GRAB MONTH	
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	******	******		******	******		(25)			
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	****** ****	****	******	******	0.5 DAILY MX	ML/L		ONCE/ GRAB MONTH	
OIL AND GREASE FREON 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	******	****** ****	****	******	******	1.0 DAILY MX	MG/L		ONCE/ GRAB MONTH	
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	******		(26)	******	*****		(19)			
70295 Q 0 0 SEE COMMENTS BELOW	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

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 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
AREA CODE 801 NUMBER 637-2422

DATE
YEAR 95 MO 03 DAY 28

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 THE APPROPRIATE ROW.

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

February 28, 1995

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 January 1995.

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

February 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 January 1995.

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

AML/0-5204

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

February 28, 1995

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 January 1995.

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

Respectfully,

Dan W. Guy for
Paige B. Bevillle, MCC

Enclosures

DWG/db

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

PERMITTEE NAME/ADDRESS (Include Facility Name, if different)
NAME MOUNTAIN COAL COMPANY
ADDRESS C/O BLACKHAWK ENGINEERING
RT 1 BOX 146-H5
HELPER UT 84526
FACILITY 2/7/8 MINES
LOCATION GORDON CREEK
ATTN: KATHLEEN WELT

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

(2-16) UTG040004 PERMIT NUMBER
(17-19) 001 A DISCHARGE NUMBER

MINOR

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

F - FINAL
SED PND OTFLE NO PRK/GRDN CRK

*** NO DISCHARGE [XX] ***

NOTE: Read instructions before completing this form.

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	01	01	TO	95	01	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
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Kathleen Welt
Environmental Supervisor

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 801 | NUMBER 637-2422

DATE: YEAR 95 | MO 02 | DAY 28

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 THE APPROPRIATE ROW.

E.I.S Hydrology
Pond Inspection Report

POND: #2 LOCATION: Gordon Gulch

ITEM	REMARKS
(1) Potential Safety Hazards	Not Accessible
(2) Slope Stability	
(3) Erosion	
(4) Construction and Maintenance Performance Standards	
(5) Recommendations/Comments	

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.

Inspector

3/14/95
Date

E.I.S Hydrology
Pond Inspection Report

POND: I-A (7) LOCATION: Linden Oak

ITEM	REMARKS
(1) Potential Safety Hazards	Not Accessable.
(2) Slope Stability	
(3) Erosion	
(4) Construction and Maintenance Performance Standards	
(5) Recommendations/Comments	

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.

Inspector

3/14/95
Date

E.I.S Hydrology
Pond Inspection Report

POND: Lucks LOCATION: Gordon Creek

ITEM	REMARKS
(1) Potential Safety Hazards	None.
(2) Slope Stability	Stable
(3) Erosion	Snow Covered - Seeded Grass
(4) Construction and Maintenance Performance Standards	N/A
(5) Recommendations/Comments	None

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.

Inspector

Date 3/14/95

E.I.S. Hydrology
Field Measurements Form

Date 6/26/95 Station # Pond 7

Company MF Corp

Time 10:08

Flow/Depth ≈ 1 gpm

pH 7.52

Specific Conductivity 13.42 x 100

Water Temperature 11 °C

Air Temperature 76°

Dissolved Oxygen -

Type: Spring___ Stream___ Well___ Discharge ✓ NPDES___

Collection Point Bottom of Pipe

Appearance of Water: Clear___ Milky ✓ Cloudy___ Opaque___

Quality Sample Taken: Yes ✓ No___

Pump Reading

Comments

Field Monitor Paul Stull

When Sample or Measurements Not Taken:

Reason:

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

E.I.S Hydrology
Pond Inspection Report

POND: Pond 2 LOCATION: Mtn. Coal 2+7

ITEM	REMARKS
(1) Potential Safety Hazards	none
(2) Slope Stability	stable
(3) Erosion	none
(4) Construction and Maintenance Performance Standards	acceptable
(5) Recommendations/Comments	pond full, observed on 6/26/95

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.

Inspector

6/26/95
Date

E.I.S Hydrology
Pond Inspection Report

POND: 07A

LOCATION Gordon Creek

ITEM	REMARKS
(1) Potential Safety Hazards	None
(2) Slope Stability	Stable
(3) Erosion	None
(4) Construction and Maintenance Performance Standards	Good
(5) Recommendations/Comments	Pond discharge to 7

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

6/27/95
Date

E.I.S Hydrology
Pond Inspection Report

POND: Lucas LOCATION: Arden Rush

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

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.

Inspector

Date 6/24/95

E.I.S Hydrology
Pond Inspection Report

POND: Sweets LOCATION: Coulon Creek

ITEM	REMARKS
(1) Potential Safety Hazards	None
(2) Slope Stability	Stable Beaver damage Repaired
(3) Erosion	None
(4) Construction and Maintenance Performance Standards	Good
(5) Recommendations/Comments	Water Lessening Thinning

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

9/11/95
Date

E.I.S Hydrology
Pond Inspection Report

POND: 7-A (7A)

LOCATION: Cordon Creek

ITEM	REMARKS
(1) Potential Safety Hazards	None
(2) Slope Stability	Stable
(3) Erosion	None
(4) Construction and Maintenance Performance Standards	Good
(5) Recommendations/Comments	Water - 18" No Discharge

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

9/11/95
Date

E.I.S Hydrology
Pond Inspection Report

POND: #2 LOCATION: Gordon Creek

ITEM	REMARKS
(1) Potential Safety Hazards	None
(2) Slope Stability	Stable
(3) Erosion	None
(4) Construction and Maintenance Performance Standards	Good
(5) Recommendations/Comments	Water level @ 75% No discharge

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.

Inspector

Date 9/11/95

E.I.S Hydrology
Pond Inspection Report

POND: #2 LOCATION: Gordon Creek

ITEM	REMARKS
(1) Potential Safety Hazards	None
(2) Slope Stability	Stable
(3) Erosion	None
(4) Construction and Maintenance Performance Standards	Ramp built to allow access to Ramp
(5) Recommendations/Comments	Water level @ 10%

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

11/28/95
Date

E.I.S Hydrology
Pond Inspection Report

POND: 7-A LOCATION: Gordon Creek

ITEM	REMARKS
(1) Potential Safety Hazards	None
(2) Slope Stability	Stable
(3) Erosion	None
(4) Construction and Maintenance Performance Standards	Good
(5) Recommendations/Comments	No Outflow at present Water level

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.

Inspector

Date 11/20/90

E.I.S Hydrology
Pond Inspection Report

POND: New Roc - #27 & 8 LOCATION: Cole Gordon Creek

ITEM	REMARKS
(1) Potential Safety Hazards	None
(2) Slope Stability	Stable
(3) Erosion	None
(4) Construction and Maintenance Performance Standards	New
(5) Recommendations/Comments	Ponds - Cell A B & C Dry - Seeded & Erosion.

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

11/20/95
Date

E.I.S Hydrology
Pond Inspection Report

POND: Swiss LOCATION: Gordon Creek

ITEM	REMARKS
(1) Potential Safety Hazards	None
(2) Slope Stability	Stable
(3) Erosion	None
(4) Construction and Maintenance Performance Standards	Good.
(5) Recommendations/Comments	Pond - 98% Frozen on Surface.

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

2/20/95
Date

MOUNTAIN COAL COMPANY

POND INSPECTION REPORT

(Final Inspection)

POND: 2/7/8 Sediment Pond *LOCATION: Gordon Creek 2/7/8 Mine*

ITEM	REMARKS
(1) Potential Safety Hazards	None Noted.
(2) Slope Stability	Slopes appear stable.
(3) Erosion	None Evident.
(4) Construction and Maintenance Performance Standards	Pond constructed according to revised plan. Spillways / Outlet rip-rapped / grouted. Pond seeding complete.
Recommendations / Comments	Constructed pond has a capacity of 4,085 ac.ft. at the spillway.

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.

REGISTERED PROFESSIONAL ENGINEER
DAN W. GUY
No. 154168
STATE OF UTAH

Date: 11/15/95

SEDIMENT POND CERTIFICATION

(Construction Certification)

Company Name and Address:	*Mountain Coal Company* *P.O. Box 591* *Somerset, Colo. 81434*
Permit Number:	*ACT/007/016*
Pond Location:	*Gordon Creek 2/7/8 Mines.*
Pond Identification:	*2/7/8 Sediment Pond*

Certification 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 construction of the impoundments in accordance with the certified and approved design for this structure; the materials and conditions required for construction are in accordance with approved design and meet or exceed the minimum design requirements; and, that inspections of the impoundment were made during critical periods of the construction by or under my direction in accordance with the requirements of regulation R645-301-514.300.

REGISTERED PROFESSIONAL ENGINEER
DAN W. GUY
No. 184168
STATE OF UTAH

Dan W. Guy

Signature

11/15/95

Date

MOUNTAIN COAL COMPANY
POND INSPECTION REPORT
(Construction)

POND: 2/7/8 Sediment Pond LOCATION: Gordon Creek 2/7/8 Mine

ITEM	REMARKS
(1) Potential Safety Hazards	None Noted.
(2) Slope Stability	Stable - Excavation just started.
(3) Erosion	None Evident.
(4) Construction and Maintenance Performance Standards	Being constructed according to grade stakes. Bottom width will be reduced from plan due to topo difference.
(5) Recommendations / Comments	Pond in early construction stage.

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.

REGISTERED PROFESSIONAL ENGINEER
DAN W. GUY
No. 154168
STATE OF UTAH

Dan W. Guy

Date: 10/02/95

MOUNTAIN COAL COMPANY

POND INSPECTION REPORT

(Construction)

POND: 2/7/8 Sediment Pond **LOCATION:** Gordon Creek 2/7/8 Mine

ITEM	REMARKS
(1) Potential Safety Hazards	None Noted.
(2) Slope Stability	Slopes Appear Stable.
(3) Erosion	None Evident.
(4) Construction and Maintenance Performance Standards	Pond constructed according to grade stakes. Cell Widths reduced from original plan.
(5) Recommendations / Comments	Pond 90% complete. Need to complete spillways and outlet rip-rap/grouting.

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.

REGISTERED PROFESSIONAL ENGINEER
DAN W. GUY
No. 154168
STATE OF UTAH

Dan W. Guy

Date: 10/19/95

SUBSIDENCE SURVEY

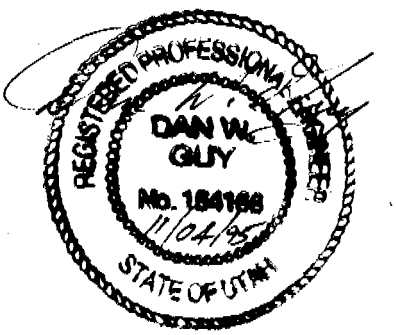
SUBSIDENCE

SURVEY

MOUNTAIN COAL COMPANY
SUBSIDENCE MONITORING
GORDON CREEK NO. 2 MINE

STATION	ORIGINAL ELEVATION 07/29/86	SURVEY ELEVATION 10/16/93	SURVEY ELEVATION 11/04/94	SURVEY ELEVATION 11/03/95	CHANGE LAST	CHANGE ACCUMULATED
SWEET'S	9174.513	9174.513	9174.513	9174.513	CONTROL	CONTROL
"H"	8849.120	8845.010	8845.010	8845.010	0.000	-4.110
"A"	8653.167	8653.527	8653.532	8653.530	-0.002	0.363
"B"	8241.927	8241.987	8241.987	8241.990	0.003	0.063
B-1	8542.205	8542.450	8542.445	8542.440	-0.005	0.235
B-2	8557.768	8558.002	8557.902	8557.890	-0.012	0.122
B-3	8571.868	8572.015	8572.019	8572.020	0.001	0.152
B-4	8594.970	-	-	-	-	-
B-5	8590.990	8591.167	8591.171	8591.160	-0.011	0.170
B-6	8652.996	8652.842	8652.845	8652.840	-0.005	-0.156
B-7	8635.952	8635.835	8635.939	8635.920	-0.019	-0.032
B-8	8893.432	8893.267	8893.265	8893.265	0.000	-0.167
B-9	8409.744	8409.763	8409.768	8409.760	-0.008	0.016
B-10	8792.587	8792.369	8792.370	8792.370	0.000	-0.217

NOTE: (1) THE AREA WAS WALKED BETWEEN ALL STATIONS. NO VISIBLE MOVEMENT, CRACKS OR OTHER RECENT SUBSIDENCE EFFECTS WERE NOTED DURING THE SURVEY.



MOUNTAIN COAL COMPANY
SUBSIDENCE MONITORING
GORDON CREEK NO. 7 MINE

STATION	ORIGINAL ELEVATION 06/12/86	SURVEY ELEVATION 10/15/93	SURVEY ELEVATION 11/11/94	SURVEY ELEVATION 11/04/95	CHANGE LAST	CHANGE ACCUMULATED
SWEET'S	9174.513	9174.513	9174.513	9174.513	CONTROL	CONTROL
"H"	8849.120	8845.010	8845.010	8845.010	0.000	-4.110
"I"	9040.049	9038.175	9038.169	9038.170	0.001	-1.879
Sub-1	8295.284	8295.273	8295.248	8295.250	0.002	-0.034
Sub-2	8416.227	8413.610	8413.624	8413.650	0.026	-2.577
Sub-4	9042.727	9040.072	9040.159	9040.160	0.001	-2.567
Sub-5	9220.773	9220.934	9220.911	9220.900	-0.011	0.127
Sub-6	8649.193	8646.266	8646.244	8646.300	0.056	-2.893
Sub-7	8724.159	8723.118	8723.177	8723.180	0.003	-0.979
Sub-8	8967.402	8966.368	8966.353	8966.340	-0.013	-1.062
Sub-9	8901.147	8899.752	8899.720	8899.720	0.000	-1.427
Sub-10	8864.970	8863.506	8863.511	8863.420	-0.091	-1.550
Sub-11	9050.850	9049.635	9049.627	9049.630	0.003	-1.220
Sub-12	8977.577	8975.332	8975.328	8975.300	-0.028	-2.277
Sub-13	8887.506	8885.030	8885.027	8885.030	0.003	-2.476
Sub-14	9059.611	9059.675	9059.761	9059.760	-0.001	0.149
Sub-15	9000.420	9000.522	9000.517	9000.500	-0.017	0.080
Sub-17	8905.849	8905.711	8905.703	8905.700	-0.003	-0.149
Sub-18	8662.317	8662.175	8662.181	8662.190	0.009	-0.127
Sub-19	9098.256	9097.285	9097.280	9097.280	0.000	-0.976
Sub-20	8908.330	8906.107	8906.068	8906.090	0.022	-2.240
Sub-21	8755.014	8754.476	8754.497	8754.500	0.003	-0.514
Sub-22	8757.128	8754.666	8755.285	8755.315	0.030	-1.813
Sub-23	8788.448	8787.145	8787.144	8787.140	-0.004	-1.308
Sub-24	8762.659	8758.853	8758.944	8759.000	0.056	-3.659

NOTE: (1) THE AREA WAS WALKED BETWEEN ALL STATIONS. NO VISIBLE MOVEMENT, CRACKS OR OTHER RECENT SUBSIDENCE EFFECTS WERE NOTED DURING THE SURVEY.

MOUNTAIN COAL COMPANY
SUBSIDENCE MONITORING
GORDON CREEK NO. 8 MINE

STATION	ORIGINAL ELEVATION 10/09/88	SURVEY ELEVATION 10/09/93	SURVEY ELEVATION 11/04/94	SURVEY ELEVATION 11/04/95	CHANGE LAST	CHANGE ACCUMULATED
SWEET'S	9174.513	9174.513	9174.513	9174.513	CONTROL	CONTROL
"H"	8849.120	8845.010	8845.010	8845.010	CONTROL	CONTROL
SUB-25	8561.790	8560.886	8560.870	8560.870	0.000	-0.920
SUB-26	8641.822	8638.434	8638.415	8638.500	0.085	-3.322
SUB-27	8615.259	8611.815	8611.813	8611.810	-0.003	-3.449

TE: THE AREA WAS WALKED BETWEEN ALL STATIONS.
NO VISIBLE MOVEMENT, CRACKS OR OTHER RECENT SUBSIDENCE EFFECTS WERE NOTED DURING THE SURVEY.
PAST SUBSIDENCE EFFECTS ARE SHOWN ON PLATE 3-4.

ANNUAL IMPOUNDMENT

CERTIFICATIONS

MOUNTAIN COAL COMPANY
1995 ANNUAL POND INSPECTION REPORT

POND: SED. POND 2 LOCATION: G.C. 2/7/8

IMPOUNDMENTS

(1) Stability	Slopes Stable.
(2) Structural Weakness/Erosion	Minor Erosion on Inlet No Structural Weakness
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	2.70'
(5) Existing Storage Capacity	1.75 Ac. Ft.
(6) Monitoring Procedures	Quarterly Inspection. U.P.D.E.S. Discharge.

SEDIMENT PONDS ONLY

(7) Sediment Accumulation (Elev.)	7881.5
(8) Sediment Cleanout Level (Elev.)	7881.8
(9) Principle Spillway (Elev.)	7893.0
(10) Emergency Spillway (Elev.)	7893.7
(11) Existing Sediment Capacity (To Cleanout)	0.06 Ac. Ft.

GENERAL

(12) Comments/Recommendations	Spillways - O.K.

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)

11-29-95
(Date)

REGISTERED PROFESSIONAL ENGINEER
DAN W. GUY
No. 154166
STATE OF UTAH

MOUNTAIN COAL COMPANY
1995 ANNUAL POND INSPECTION REPORT

POND: SED. POND 7A

LOCATION: G.C. 2/7/8

IMPOUNDMENTS

(1) Stability	Slopes Stable. Revegetated.
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	N/A - Dry (3" Snow)
(5) Existing Storage Capacity	1.15 Ac. Ft.
(6) Monitoring Procedures	Quarterly Inspection.

SEDIMENT PONDS ONLY

(7) Sediment Accumulation (Elev.)	7930.0
(8) Sediment Cleanout Level (Elev.)	7932.0
(9) Principle Spillway (Elev.)	7939.5
(10) Emergency Spillway (Elev.)	7940.5
(11) Existing Sediment Capacity (To Cleanout)	0.08 Ac. Ft.

GENERAL

(12) Comments/Recommendations	Overflow to Sed. Pond 2 No Discharge.

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)

11-29-95
(Date)

REGISTERED PROFESSIONAL ENGINEER
DAN W. GUY
No. 154168
STATE OF UTAH

MOUNTAIN COAL COMPANY
1995 ANNUAL POND INSPECTION REPORT

POND: SWEET'S CANYON

LOCATION: G.C. 2/7/8

IMPOUNDMENTS

(1) Stability	Slopes Stable. Vegetated.
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	60"
(5) Existing Storage Capacity	(2.10 Ac. Ft.) Pond Full (Not a Sed. Pond.)
(6) Monitoring Procedures	Quarterly Inspection.

SEDIMENT PONDS ONLY

(7) Sediment Accumulation (Elev.)	N/A
(8) Sediment Cleanout Level (Elev.)	N/A
(9) Principle Spillway (Elev.)	N/A
(10) Emergency Spillway (Elev.)	N/A
(11) Existing Sediment Capacity (To Cleanout)	N/A

GENERAL

(12) Comments/Recommendations	Pond for Water Fill and Fish Only. Operating Properly.

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)

11-29-95
(Date)

REGISTERED PROFESSIONAL ENGINEER
DAN W. GUY
No. 154168
STATE OF UTAH

MOUNTAIN COAL COMPANY
1995 ANNUAL POND INSPECTION REPORT

POND: 2/7/8/ SEDIMENT POND

LOCATION: G.C. 2/7/8

IMPOUNDMENTS

(1) Stability	Slopes Stable.
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	N/A - Dry.
(5) Existing Storage Capacity	4.085 Ac. Ft.
(6) Monitoring Procedures	Quarterly Inspection. U.P.D.E.S. Discharge.

SEDIMENT PONDS ONLY

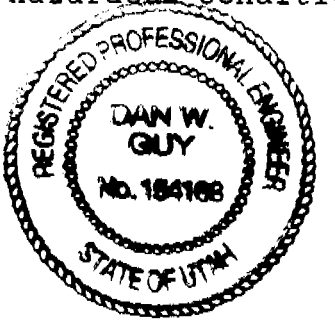
	Cell #1	Cell#2	Cell#3
(7) Sediment Accumulation (Elev.)	7724.0	7713.0	7704.0
(8) Sediment Cleanout Level (Elev.)	7728.0	N/A	N/A
(9) Principle Spillway (Elev.)	7733.0	7723.0	7713.0
(10) Emergency Spillway (Elev.)	7733.0	7723.0	7713.0
(11) Existing Sediment Capacity (To Cleanout)			

GENERAL

(12) Comments/Recommendations	New Pond - 11/95. Grouted, open - channel spillways. 3 Cells - No Inflow - No Discharge.

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)

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