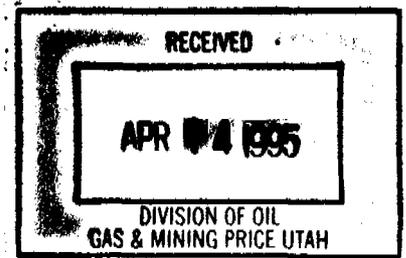


MOUNTAIN COAL COMPANY 1994

ANNUAL REPORT GORDON CREEK ACT/007/016

MINE 2,7, & 8

MOUNTAIN COAL COMPANY
1994 ANNUAL REPORT
GORDON CREEK 2/7/8 MINES



MOUNTAIN COAL COMPANY
1994 ANNUAL REPORT
GORDON CREEK 2/7/8 MINES

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



March 31, 1995

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

Re: Mountain Coal Company
1994 Annual Report
Gordon Creek No. 2/7/8 Mines
ACT/007/016
Carbon County, Utah

Dear Mr. Braxton:

Enclosed is the Annual Report for Coal Mining and Reclamation Operations for 1994 for the Gordon Creek No. 2/7/8 Mines.

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

Respectfully,

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

cc: Paige Beville - ARCO Coal Company
File

COAL MINING AND RECLAMATION OPERATIONS FOR 1994

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

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

Permittee: MOUNTAIN COAL COMPANY
Mine Name: GORDON CREEK NO. 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, DELAWARE
Permit Number: ACT/007/016 (INACTIVE) 19801
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) 1994: N/A (MINE CLOSED 11/90)

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

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

A. General

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

B. Water Monitoring Data:
Groundwater Summary

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

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

- G. Annual Impoundment Certification, (R645-301-514:312) which includes the following information:
1. Any appearances of instability;
 2. Structural weakness or other hazardous conditions;
 3. Depth and elevation of any impounded waters;
 4. Existing storage capacity;
 5. Any existing or required monitoring procedures and instrumentation; and
 6. Any other aspects of the structure affecting stability.

Suggested form enclosed

- H. Annual Overburden, Spoil, Refuse, Roof, Floor, and Mid-Seam Data. For Consistency and completeness, please submit data for this reporting requirement in the following manner:
1. Location of sample site, sample interval, and sample matrix (if roof or floor, then include lithologic unit and if coal, then thickness of seam at sample site);
 2. Sampling technique employed in the field (i.e., grab sample, composite, depth segregated or specific procedure outlined in the permit by chapter and page) and preparation prior to analysis (i.e., sieved sample, ground sample, air dried, oven dried, etc.);
 3. Laboratory analysis report sheet which includes:
 - i. Sample time and date;
 - ii. Date and time of lab analysis; and
 - iii. Analytical method(s) employed and references. Include the soil/spoil: water ratio.
 4. Summary of findings based on monitoring.
- I. A current copy of the annual report of officers submitted to the Department of Commerce and any changes in the ownership and control information required under R645-301-110.
- J. Any Other Information Required to be Submitted as Specified in your Permit Application Package and Permit.

PERMIT

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: _____

[Handwritten Signature]
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: _____

[Handwritten Signature]
Sept. 8, 1994

AMENDMENTS



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

D. Gray

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-358-3940 (Fax)
801-538-5319 (TDD)

January 31, 1994

Ms. Kathleen G. Welt
Environmental Supervisor
Mountain Coal Company
P.O. Box 591
Somerset, Colorado 81434

Re: Water Monitoring, Mountain Coal Company, Gordon Creek #2, #7, and #8 Mine, ACT/007/016-94A, Folder #3, Carbon County, Utah

Dear Ms. Welt:

The above-noted amendment has been reviewed and is approved.

Sincerely,

Pamela Grubaugh-Littig
Permit Supervisor

Mountain Coal Company
Trail Mountain Mine
Post Office Box 1378
Price, Utah 84501
Telephone 801 637-5050 (Price Office)
801 637-5203 (Mine Office)
801 748-2140 (Mine Site)



January 18, 1994

Pamela Grubaugh-Littig
Permit Supervisor
Utah Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 3350
Salt Lake City, Utah 84180-1203

Re: Request to Modify Water Monitoring Program
Gordon Creek No. 2/7/8 Mines
ACT/007/016
Carbon County, Utah

Dear Ms. Littig:

Mountain Coal Company is herein requesting your approval to modify its Water Monitoring Program for the Gordon Creek No. 2/7/8 Mines. The modification will include: (1) Discontinuing the use, and removal of the Parshall flumes and gauging equipment on Stations 2-3-W and 2-4-W, and (2) reducing the flow measurement and sampling frequency on Stations 2-3-W and 2-4-W to a bi-annual basis to match that of the spring sampling site in Beaver Creek.

The flumes and gauging stations have been in use since 1980; however, due to a combination of age, continuing beaver activity and possible vandalism, they are no longer operational. If approved, it is our intent to remove the flumes, concrete, staff gauges and any other extraneous material, and clean up and hand rake all areas of associated site disturbance. Seeding should not be necessary due to the small size and the location within dense riparian vegetation. Future flow measurements will be taken with a portable flume.

Continuous flow or monthly flow readings (when accessible) have been taken over a period of approximately 13 years, providing adequate data during (and after) the operational stage of the mines. The mines have been closed since November 1990, and are awaiting final approval for reclamation. It is proposed that future flow/quality measurements be taken on a bi-annual basis - once in the spring and fall. The frequency will match that of the other 2 sampling sites in the Beaver Creek area -

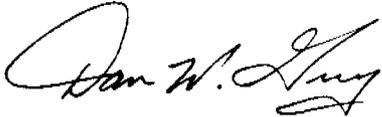
Page 2

Stations 2-5-W and 2-6-W. The bi-annual sampling will provide high and low flow volumes and quality, and should be adequate, since the mine operation has been finished for over 3 years.

Three copies of revised pages are included for replacement in the permit, upon approval. No map changes are necessary for this proposal. I have also enclosed the necessary Permit Change Forms.

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

Respectfully,



Dan W. Guy
for
Kathleen G. Welt

cc: Kathy Welt-MCC
File

Water Monitoring - Operational

Water quality samples will be collected quarterly at sample locations 2-1-W, 2-2-W, 2-7-W, 2-8-W, and 2-9-W and 2-10-W. Samples will be analyzed for parameters listed in Table 7-18. The sampling programs provide information on seasonal flow and water quality on intermittent and ephemeral streams that have a potential to be affected by mine discharge and surface disturbance. Stations 2-2-W and 2-9-W will also be monitored quarterly for oil and grease, since they are below the mine site.

In addition, discharge from the NPDES monitoring point, 2-1-W, will be sampled for flow, pH, TDS, TSS, Iron, Manganese and Oil and Grease, according to UPDES permit monitoring requirements.

Stations 2-3-W, 2-4-W, 2-5-W and 2-6-W, located in the Beaver Creek area, will be monitored by a bi-annual basis for flow and quality. Flow will be measured using a portable flume.

A discussion of surface water monitoring locations, type, frequency and flow device may be found in Table 7-17. A map of the monitoring locations is provided on Plate 7-2. Analyses will be for parameters listed in Table 7-18.

Note: Total Settleable Solids will not be tested at non-UPDES stations.

TABLE 7-17
SURFACE WATER MONITORING PROGRAM
GORDON CREEK No. 2/7/8 Mines

<u>STATION</u>	<u>LOCATION</u>	<u>TYPE</u>	<u>FREQUENCY</u>	<u>FLOW DEVICE</u>	<u>RESULTS TO:</u>	<u>REMARKS</u>
2-1-W	Discharge of Sediment Pond	NPDES Discharge	Monthly or as Occurs	Hand-Held Flow Device	EPA, DOGM	Monitored per NPDES Permit
2-2-W	North Fork Gordon Creek	Intermittent Stream	Monthly Flow Quarterly Quality	Portable Flume or Current Meter	DOGM, OSM	
2-3-W	Lower Beaver Creek	Perennial Stream	Bi-annual Flow Bi-annual Quality	Portable Flume	DOGM, OSM	When accessible
2-4-W	Upper Beaver Creek	Perennial Stream	Bi-annual Flow Bi-annual Quality	Portable Flume	DOGM, OSM	When accessible
2-5-W	Jewkes Spring in Beaver Creek	Spring	Bi-annual Quality and Quantity	Hand-HeldS	DOGM, OSM	When accessible
2-6-W	Gunnison Homestead Spring	Spring	Bi-annual Quality and Quantity	Portable Flume	DOGM, OSM	When accessible
2-7-W	Lf.Fk. Bryner Canyon above #7 Mine	Ephemeral Stream	Quarterly Flow and Quality	Portable Flume	DOGM, OSM	
2-8-W	Rt.Fk. Bryner Canyon above #2 Mine	Ephemeral Stream	Quarterly Flow and Quality	Portable Flume	DOGM, OSM	
2-9-W	Bryner Canyon below #2 Mine	Ephemeral Stream	Quarterly Flow and Quality	Staff Gauge Portable Flume	DOGM, OSM	
2-10-W	Inflow to Sediment Pond 7A	Ephemeral Stream	Quarterly Flow and Quality	Hand-Help Flow Device	DOGM, OSM	

APPLICATION FOR PERMIT CHANGE

Title of Change: *Request to Modify Water Monitoring Program*

Permit Number: *ACT 0071016*

Mine: *Garden Creek 2 1/2 Miles*

Permittee: *Mountain Coal Co.*

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

*Removal of flumes on Stations 2-3-W and 2-4-W.
Change Sampling Frequency on " " "*

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

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

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

Dana Ballard for Kathleen St. Holt 1/21/94
Signed - Name - Position - Date

Received by Oil, Gas & Mining

Subscribed and sworn to before me this 21 day of JAN, 19 94
DANA BALLARD



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

My Commission Expires: 9-27 19 97
Notary Public
STATE OF UTAH
COUNTY OF CARBON

ASSIGNED PERMIT CHANGE NUMBER

PERMIT CHANGE CHRONOLOGY

Title of Proposal: *Request to Modify Water Monitoring Program*

PERMIT NUMBER: *ACT 1007/016*

Description:

PERMIT CHANGE #:

PERMITTEE: *Mountain Coal Co.*

MINE NAME: *Gordon Creek 2/4/8 Mines*

DATE	DOCUMENT ALL ACTIVITIES ASSOCIATED WITH THIS PERMIT CHANGE
<input type="checkbox"/> Sent <input checked="" type="checkbox"/> Recv'd.	Initial Application for Permit Change Received from Permittee
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State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CC: O. D.
FYI
(Insp. Book)

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

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

February 24, 1995

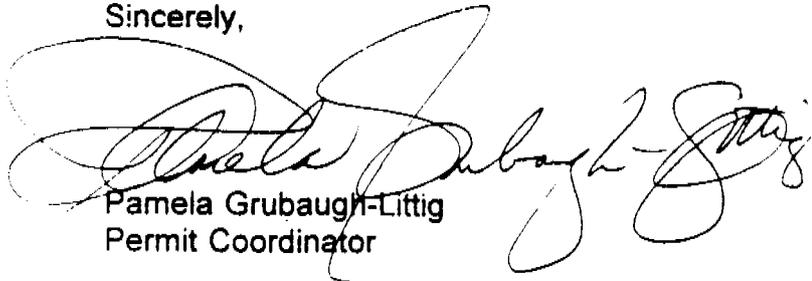
Paige B. Beville, Manager
Environmental, Health, Safety
ARCO Coal Company
555 Seventeenth Street
Denver, CO 80202

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

Dear Ms. Beville:

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

Sincerely,



Pamela Grubaugh-Littig
Permit Coordinator

cc: Daron Haddock
Susan White
Bill Malencik, PFO

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



October 13, 1994

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

Re: Update of Officers
for Mountain Coal Properties

Dear Ms. Littig:

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

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

Respectfully,

Dan W. Guy,
for Paige B Beville

Enclosures

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

APPLICATION FOR PERMIT CHANGE

Title of Change:

GORDON CREEK NO. 2/7/8 MINES
UPDATE OF OFFICERS

Permit Number: ACT / 007 / 016

Mine: G.C. 2/7/8 MINES

Permittee: MOUNTAIN COAL

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

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

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

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

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

Received by Oil, Gas & Mining

Subscribed and sworn to before me on this 10th day of _____, 19 94

Dana Ballard
Notary Public



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

My Commission Expires: _____
Attest: STATE OF _____
COUNTY OF _____

[Signature] 9-27 19 97

ASSIGNED PERMIT CHANGE NUMBER

Mountain Coal Company
Gordon Creek No. 2,7 and 8 Mines

(b) Leasehold interest in coal:

Mountain Coal Company

2.2.4 Purchases of Record Under a Real Estate Contract for Surface Area or Coal. Any purchaser of record under a real estate contract of the area to be affected by surface operations and facilities and any purchaser of record under a real estate contract of the coal to be mined:

None.

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

The operator is the same as the applicant.

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

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

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

The applicant is a Delaware corporation.

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

<u>OFFICER</u>	<u>TITLE</u>	<u>ADDRESS</u>
E.E. DiClaudio	President and Director	Mountain Coal Co. P.O. Box 591 Somerset, Colo. 81434
C.A. Youngs	Vice President and Director	Atlantic Richfield Co. 555 Seventeenth Street Denver, Colorado 80202

Mountain Coal Company
Gordon Creek No. 2,7 and 8 Mines

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

Mountain Coal Company
Gordon Creek No. 2,7 and 8 Mines

S.G. McElyea	Assistant Secretary	Atlantic Richfield Co. 555 Seventeenth Street Denver, Colorado 80202
P.B. Fisher	Assistant Secretary	Atlantic Richfield Co. 555 Seventeenth Street Denver, Colorado 80202

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

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

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



August 15, 1994

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

Re: No. 8 Mine Drainage Amendment
Mountain Coal Co.
Gordon Creek No. 2/7/8 Mines
ACT/007/016
Carbon County, Utah

Dear Ms. Littig:

Enclosed are 3 copies of a proposed amendment for the No. 8 Mine area of the Gordon Creek 2/7/8 Permit. This amendment is to show the location and design of a new ditch to carry runoff from the partially backfilled No. 8 Mine pad area, and is being submitted at the request of Mr. Scott Milovich.

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

Respectfully,

Dan W. Guy,
for Paige Beville

cc: Paige Beville
Scot Anderson
File

APPLICATION FOR PERMIT CHANGE

Title of Change: *No. 8 MINE DRAINAGE*

Permit Number: *ACT 007 1016*

Mine: *GORDON CREEK 2/7/18*

Permittee: *Mountain Coal Co.*

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

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	1. Change in the size of the Permit Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease.
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	2. Change in the size of the Disturbed Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease.
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	3. Will permit change include operations outside the Cumulative Hydrologic Impact Area?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	4. Will permit change include operations in hydrologic basins other than currently approved?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	5. Does permit change result from cancellation, reduction or increase of insurance or reclamation bond?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	6. Does permit change require or include public notice publication?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	7. Permit change as a result of a Violation? Violation # _____
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	8. Permit change as a result of a Division Order? D.O.# _____
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	9. Permit change as a result of other laws or regulations? Explain: _____
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	10. Does permit change require or include ownership, control, right-of-entry, or compliance information?
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<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	18. Does permit change require or include certified designs, maps, or calculations?
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<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	21. Have reclamation costs for bonding been provided or revised for any change in the reclamation plan?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	22. Is permit change within 100 feet of a public road or perennial stream or 500 feet of an occupied dwelling?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	23. Is this permit change coal exploration activity <input type="checkbox"/> inside <input type="checkbox"/> outside of the permit area?

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

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

Dana Ballard for Paige Beville 8/15/94
Signed - Name - Position Date

Received by Oil, Gas & Mining

Subscribed and sworn to before me this 15 day of August, 1994

Dana Ballard
Notary Public



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

My Commission Expires:
Attest: STATE OF
COUNTY OF

9/27 1997
THOMAS

ASSIGNED PERMIT CHANGE NUMBER

FF.

APPENDIX 7-2

NO. 8 MINE DRAINAGE

FF

8/15/94

APPENDIX 7-2

NO. 8 MINE DRAINAGE

The No. 8 Mine was closed and the portals sealed in November and December 1990, respectively. In 1991, the portals were backfilled and the coal seam was covered at the request of the Division. Structures were also removed in 1991, including a box inlet and flexible culvert which previously carried runoff from the disturbed area of the mine to the culvert below.

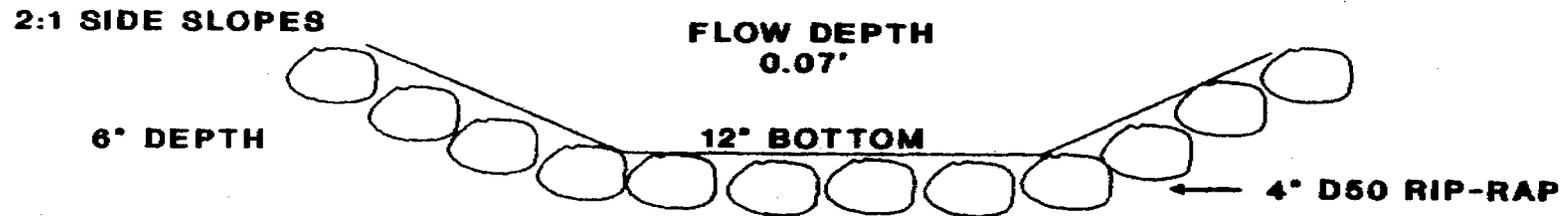
Due to some rilling starting to occur on the downslope of the partially backfilled pad, it has become necessary to reinstate a berm and rip-rapped channel off of the pad to prevent erosion. The location of the structures are shown on Plate 3-1.

The channel was designed to carry the expected runoff from the area from a 10-year, 24-hour storm. The channel typical is shown on Figure 1 of this Appendix. The runoff to the channel is from 0.70 acres of undisturbed area, with a slope of 83% and a CN of 63, and 0.41 acres of disturbed area, with a slope of 50% and a CN of 90. Channel flows were calculated with the Storm 6.21 computer program. Computer backup data is also included with this Appendix.

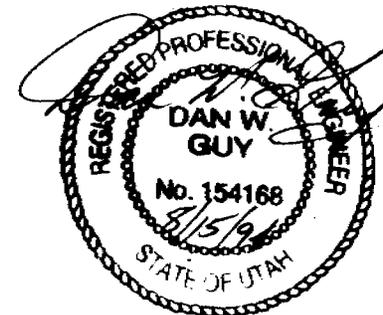
Conclusion: The designed channel is adequate to carry the expected runoff from this area, and rip-rap protection is adequate to prevent erosion in the channel.

NO. 8 MINE DRAINAGE CHANNEL

TYPICAL SECTION



**NOTE: CHANNEL CONFIGURATION MAY VARY IN FIELD;
HOWEVER, THE CROSS-SECTIONAL AREA WILL BE
MAINTAINED AT A MINIMUM OF 1.0 CU. FT.**



ft

Title of run: No. 8 Mine

Solving for.....= Depth Normal

Trapedeziod

Flow depth (ft).....=	0.07
First Side slope.....=	2.0
Second Side slope.....=	2.0
Bottom width (ft).....=	1.00
Slope of diversion.....=	0.3300
Manning"s n.....=	0.040
CFS.....=	0.28
Cross section area (sqft)..=	0.08
Hydrualic radius.....=	0.06
fps.....=	3.38
Froude number.....=	2.38

OTHER PERMITS

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

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

GENERAL PERMIT FOR COAL MINING

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

Mountain Coal 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

TABLE OF CONTENTS

Cover Sheet--Issuance and Expiration DatesPage No.

I.	EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS	3
A.	Definitions	3
B.	Criteria for Inclusion in the General Permit for Coal Mining	5
C.	Notice of Intent for a General Permit for Coal Mining	5
D.	Description of Discharge Point(s)	6
E.	Narrative Standard	6
F.	Specific Limitations and Self-monitoring Requirements	7
II.	MONITORING, RECORDING AND REPORTING REQUIREMENTS	10
A.	Representative Sampling	10
B.	Monitoring Procedures	10
C.	Penalties for Tampering	10
D.	Reporting of Monitoring Results	10
E.	Compliance Schedules	10
F.	Additional Monitoring by the Permittee	10
G.	Records Contents	11
H.	Retention of Records	11
I.	Twenty-four Hour Notice of Noncompliance Reporting	11
J.	Other Noncompliance Reporting	12
K.	Inspection and Entry	12
III.	COMPLIANCE RESPONSIBILITIES	13
A.	Duty to Comply	13
B.	Penalties for Violations of Permit Conditions	13
C.	Need to Halt or Reduce Activity not a Defense	13
D.	Duty to Mitigate	13
E.	Proper Operation and Maintenance	13
F.	Removed Substances	13
G.	Bypass of Treatment Facilities	13
H.	Upset-Conditions	14
I.	Toxic Pollutants	15
J.	Changes in Discharge of Toxic Substances	15
K.	Industrial Pretreatment	15
IV.	GENERAL REQUIREMENTS	16
A.	Planned Changes	16
B.	Anticipated Noncompliance	16
C.	Permit Actions	16
D.	Duty to Reapply	16
E.	Duty to Provide Information	16
F.	Other Information	16
G.	Signatory Requirements	16
H.	Penalties for Falsification of Reports	17
I.	Availability of Reports	17
J.	Oil and Hazardous Substance Liability	17
K.	Property Rights	17
L.	Severability	17
M.	Transfers	18
N.	State Laws	18
O.	Water Quality-Reopener Provision	18
Q.	Storm Water-Reopener Provision	18

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, blended, 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, roads, 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 (BOD₅)
 - 2) Chemical oxygen demand (COD)
 - 3) Total organic carbon (TOC)
 - 4) Total suspended solids (TSS)
 - 5) Flow
 - 6) Ammonia (as N)
 - 7) Oil and grease

- 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:

<u>Effluent Characteristics</u>	<u>Discharge Limitations a/</u>			<u>Monitoring Requirements</u>	
	<u>Average</u>	<u>Daily</u>	<u>Maximum</u>	<u>Measurement</u>	<u>Sample</u>
	<u>30-Day</u>	<u>7-Day</u>	<u>Maximum</u>	<u>Frequency</u>	<u>Type</u>
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 IA* for definition of terms.

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

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

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

e/ These samples may also be a composite sample.

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

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 stormwater

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

II. MONITORING, RECORDING AND REPORTING REQUIREMENTS

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

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

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

- E. Compliance Schedules. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any Compliance Schedule of this permit shall be submitted no later than 14 days following each schedule date.
- F. Additional Monitoring by the Permittee. If the permittee monitors any parameter more frequently than required by this permit, using test procedures approved under *UAC R317-2-10* or as otherwise specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR. 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 III.3*.
- K. Inspection and Entry. The permittee shall allow the Executive Secretary, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:
1. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of the permit;
 2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 3. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and,
 4. Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by the Act, any substances or parameters at any location.

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 ensure 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

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 Oblige, executed by UNITED PACIFIC INSURANCE COMPANY as Surety,
SIX HUNDRED FORTY-ONE THOUSAND FOUR HUNDRED
in the amount of 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
llc
MOUNTAIN COAL COMPANY
Principal

BY: Thomas H. Parker
Vice President

UNITED PACIFIC INSURANCE COMPANY
Surety

BY: Dorothy 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.

Kim Penoyer

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.



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, execute and attest

CASSIE J. BERRISFORD of LOS ANGELES, CALIFORNIA

as Vice and Special 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 or more of such officers, and hereby ratifies and confirms as that its said Attorney-in-Fact may do in pursuance hereof.

This Power of Attorney is granted under and by authority of Article VI 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 VI - 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 statements 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 28th 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 hereunto affixed, this 7th day of May 19 90



UNITED PACIFIC INSURANCE COMPANY

[Signature]
Vice President

STATE OF Washington
COUNTY OF King

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 VI, 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



[Signature]
Notary Public in and for State of Washington
Residing at TACOMA

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

[Signature]
Robert D. Ritzhaupt

LIABILITY INSURANCE

CERTIFICATE OF INSURANCE

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



This is to Certify to

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

COMPANY CODES

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

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

NAME AND ADDRESS OF INSURED Atlantic Richfield Company, its Subsidiaries and subsidiaries thereof as now or hereinafter constituted. Atlantic Richfield Plaza, 515 So. Flower Street, Los Angeles, CA 90071 covering in accordance with the terms thereof, at the following location(s):

Including Mountain Coal Company and ARCO Coal Company

TYPE OF POLICY	HAZARDS	CC CODE	POLICY NUMBER	POLICY PERIOD	LIMITS OF LIABILITY	
(a) Standard Workmen's Compensation & Employers' Liability	<input type="checkbox"/>	<input type="checkbox"/>			Statutory W. C. One Accident and Aggregate Disease	
(b) General Liability Premises—Operations (including "Incidental Contracts" as defined below)	<input checked="" type="checkbox"/>	<input type="checkbox"/> 9	ISL G1 519134-A	01/01/93 to 01/01/96	\$*See Below Each Person Each } <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence	
	Independent Contractors	<input checked="" type="checkbox"/>				<input type="checkbox"/> 9
	Completed Operations/Products	<input checked="" type="checkbox"/>				<input type="checkbox"/> 9
	Contractual, (Specific type as described in footnote below)	<input checked="" type="checkbox"/>				<input type="checkbox"/> 9
Property Damage Premises—Operations (including "Incidental Contracts" as defined below)	<input checked="" type="checkbox"/>	<input type="checkbox"/> 9	ISL G1 519134-A	01/01/93 to 01/01/96	\$*See Below Each } <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence	
	Independent Contractors	<input checked="" type="checkbox"/>				<input type="checkbox"/> 9
	Completed Operations/Products	<input checked="" type="checkbox"/>				<input type="checkbox"/> 9
	Contractual, (Specific type as described in footnote below)	<input checked="" type="checkbox"/>				<input type="checkbox"/> 9
(c) Automobile Liability	<input type="checkbox"/>	<input type="checkbox"/>			\$ Each Person Each } <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence	
	Owning Automobiles	<input type="checkbox"/>				<input type="checkbox"/>
	Hired Automobiles	<input type="checkbox"/>				<input type="checkbox"/>
Property Damage Owning Automobiles	<input type="checkbox"/>	<input type="checkbox"/>			\$ Each } <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence	
	Hired Automobiles	<input type="checkbox"/>				<input type="checkbox"/>
	Non-owned Automobiles	<input type="checkbox"/>				<input type="checkbox"/>
(d) ** INCLUDES "XCU" COVERAGE					* \$500,000 Combined Single Limit, per occurrence/aggregate where applicable.	

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

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

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

NAME OF OTHER PARTY

DATE (if applicable)

CONTRACT NO. (if any)

DESCRIPTION (OR JOB)

Gordon Creek #2, #7 & #8 ACT/007/016

Definitions: "Incidental contract" means any written (1) lease of premises (2) easement agreement, except in connection with construction or demolition of tractions on or adjacent to a railroad, (3) undertaking to indemnify a municipality required by municipal ordinance, except in connection with work the municipality, (4) sidetrack agreement, or (5) elevator maintenance agreement.

Handwritten signature

DIVISION ORDERS

WATER MONITORING

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



January 28, 1995

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

Dear Ms. Littig:

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

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

Respectfully,

Dan W. Guy for
Paige B. Beville, MCC

DWG/db

Enclosures

cc: Paige B. Beville, MCC
File
HYRNOH

E.I.S. Hydrology
Field Measurements Form

Date 10/12/99

Station # 2-1N

Company MCC Corp

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 [Signature]

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 M.A. Corp

Time 13:40

Flow/Depth

pH

Specific Conductivity

Water Temperature

Air Temperature

Dissolved Oxygen

Type: Spring Stream Well Discharge NPDES

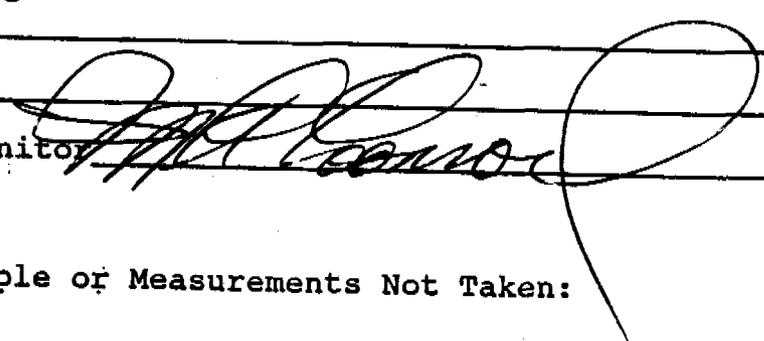
Collection Point

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 # 2-1W

Company Mon 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 [Signature]

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

PH

Sp.Con. [ohms]

Temp [C]

Diss. O. [ppm]

Lab. Meas. [mg/l]

TDS

TSS

O & G

Al CaCO3

Hd CaCO3

Ac CaCO3

HC03

CO3

Cl

SO4

Ca

Mg

K

Na

Cat/An

Fe

Mn

12/23/94

DRY

E.I.S. Hydrology
Field Measurements Form

Date 10/12/94 Station # 2-SW

Company M.A. Paul

Time 11:40

Flow/Depth 117

pH 8.0

Specific Conductivity 150

Water Temperature 6

Air Temperature 64

Dissolved Oxygen 8

Type: Spring Stream Well Discharge NPDES

Collection Point Pump House

Appearance of Water: Clear Milky Cloudy Opaque

Quality Sample Taken: Yes No

Pump Reading _____

Comments _____

Field Monitor M.A. Paul

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. Conc

Time 14:10

Flow/Depth 74 gpm

pH 8.1

Specific Conductivity 590

Water Temperature 20

Air Temperature 37

Dissolved Oxygen 7

Type: Spring Stream Well Discharge NPDES

Collection Point Below Pumps Pond

Appearance of Water: Clear Milky Cloudy Opaque

Quality Sample Taken: Yes No

Pump Reading _____

Comments _____

Field Monitor [Signature]

When Sample or Measurements Not Taken:
Reason: _____

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

E.I.S. Hydrology
Field Measurements Form

Date 12/23/94

Station # I-51W

Company M. Paul

Time 9:10

Flow/Depth 1/4" - 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. Paul

When Sample or Measurements Not Taken:

Reason: _____

D = Dry F = Frozen N/A = Not Accessable H/R = Not Reported

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		Units
	Result	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 dt

**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				Mean
	02/09/94	04/04/94	09/06/94	11/22/94	
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
Al 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 MMA Con

Time Dry - Pumping (Not Accessible)

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: [Signature] 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		MEAN
	06/07/94	09/02/94	
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 ²⁻	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 11/22/99

Station # 24W

Company Min Conc

Time 14:30

Flow/Depth Not Accessible - 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 [Signature]

When Sample or Measurements Not Taken:

Reason: N/A - Not Accessible

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		MEAN
	06/07/94	09/02/94	
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 11/24/99

Station # 2-5W

Company Min Conc

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 [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: 2-5W
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 11/22/99

Station # 2-6W

Company Man Com

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

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		MEAN
	06/07/94	09/02/94	
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 11/22/99

Station # 2-7W

Company 7 Min Core

Time 16:10

Flow/Depth D

pH _____

Specific Conductivity _____

Water Temperature _____

Air Temperature _____

Dissolved Oxygen _____

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

Collection Point _____

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

Quality Sample Taken: Yes ___ No ___

Pump Reading _____

Comments _____

Field Monitor [Signature]

When Sample or Measurements Not Taken:

Reason: D

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

WATER MONITORING REPORT

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

Field Measurements	Date Sampled				MEAN
	02/09/94	06/07/94	09/02/94	11/22/94	
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 # 2-8W

Company M.M. Coor

Time 16:00

Flow/Depth D

pH _____

Specific Conductivity _____

Water Temperature _____

Air Temperature _____

Dissolved Oxygen _____

Type: Spring _____ Stream Well _____ Discharge _____ NPDES _____

Collection Point At Fork of Bryner

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

Quality Sample Taken: Yes _____ No

Pump Reading _____

Comments 8" Snow - No Flow

Field Monitor [Signature]

When Sample or Measurements Not Taken:

Reason: D

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

WATER MONITORING REPORT

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

Field Measurements	Date Sampled				Mean
	03/10/94	06/07/94	09/02/94	11/22/94	
Flow [gpm]	N/A	DRY	DRY	DRY	DRY
PH					
Sp. Cond. [ohms]					
Temp. [C]					
Diss. O [ppm]					

Lab. Meas. [mg/l]

TDS

TSS

O & G

Al CaCO3

Hd CaCO3

Ac CaCO3

HCO3

CO3

Cl

SO4

Ca

Mg

K

Na

Cat/An

Fe

Mn

E.I.S. Hydrology
Field Measurements Form

Date 11/22/94

Station # 2-9W

Company Min Coal

Time 12:45

Flow/Depth D

pH _____

Specific Conductivity _____

Water Temperature _____

Air Temperature _____

Dissolved Oxygen _____

Type: Spring _____ Stream Well _____ Discharge _____ NPDES _____

Collection Point below mine

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: [Signature]

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				Mean
	02/09/94	06/07/94	09/02/94	11/22/94	
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 Wm Cox

Time 16:55

Flow/Depth Dry (muddy on slope)

pH _____

Specific Conductivity _____

Water Temperature _____

Air Temperature _____

Dissolved Oxygen _____

Type: Spring Stream _____ Well _____ Discharge _____ NPDES _____

Collection Point _____

Appearance of Water: Clear Milky _____ Cloudy _____ Opaque _____

Quality Sample Taken: Yes _____ No

Pump Reading _____

Comments Snow melted - mud on slope

Field Monitor [Signature]

When Sample or Measurements Not Taken:

Reason: _____

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

WATER MONITORING REPORT

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

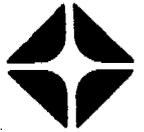
Field Measurements	Date Sampled				Mean
	02/09/94	06/07/94	09/02/94	11/22/94	
Flow [gpm]	N/A	>.10	DRY	DRY	>.10
PH		7.59			7.59
Sp. Cond. [ohms]		1,400.00			1,400.00
Temp. [C]		13.00			13.00
Diss. O [ppm]		7.20			7.20

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



December 28, 1994

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

Dear Mr. Hilden:

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

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

Respectfully,

Dan W. Guy for
Paige B. Beville, MCC

Enclosures

DWG/db

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

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



December 28, 1994

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

Dear Ms. Littig:

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

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

Respectfully,

Dan W. Guy for
Paige B. Beville, MCC

Enclosures

DWG/db

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

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



December 28, 1994

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

Dear Ms. Franklin:

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

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

Respectfully,

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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

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



November 28, 1994

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

Dear Mr. Hilden:

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



November 28, 1994

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

Dear Ms. Littig:

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Respectfully,

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

Enclosures

DWG/db

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

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



November 28, 1994

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

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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 AND ADDRESS (Include Facility Name/Location if different)

NAME **MOUNTAIN COAL COMPANY**
 ADDRESS **C/O BLACKHAWK ENGINEERING**
RT 1 BOX 146-H5
HELPER UT 84526

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

UTG040004
 PERMIT NUMBER

001 A
 DISCHARGE NUMBER

MINOR

Form Approved.

F - FINAL OMB No. 2040-0004
 SED PND OTFAL-NO-PR-10-10-10 CRK

FACILITY
 LOCATION **2778 MINES**
 ATTN: **KATHLEEN WELT**

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

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
FLOW RATE				(07)	*****	*****	*****				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 300A AVG	REPORT DAILY MX	GPD	*****	*****	*****	****		ONCE/ GRAB MONTH	
PH		*****	*****			*****		(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		*****	*****		*****			(19)			
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	25 300A AVG	70 DAILY MX	MG/L		ONCE/ GRAB MONTH	
SOLIDS, SETTLEABLE		*****	*****		*****	*****		(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		*****	*****		*****	*****		(19)			
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	10 DAILY MX	MG/L		ONCE/ GRAB MONTH	
IRON, TOTAL (AS FE)		*****	*****		*****	*****		(19)			
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	1.0 DAILY MX	MG/L		ONCE/ GRAB MONTH	
SOLIDS, TOTAL DISSOLVED		*****		(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 USC § 1001 AND 18 USC § 1349 (Penalties under these statutes may include fines up to \$10000 and/or maximum imprisonment of between 6 months and 5 years.)

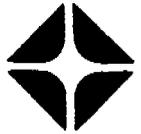
[Signature]
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
 801 637-2422
 AREA CODE NUMBER
 DATE
 94 11 28
 YEAR MO DAY

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

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

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



October 28, 1994

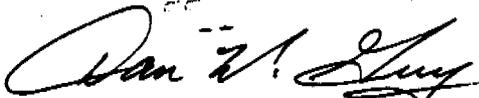
Mr. Donald A Hilden, PH.D., Chief
Permits and Compliance Section
Department of Environmental Quality
Division of Water Quality
288 North 1460 West
P.O. Box 144870
Salt Lake City, Utah 84114-4870

Dear Mr. Hilden:

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

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

Respectfully,


Dan W. Guy for
Paige B. Beville, MCC

Enclosures

DWG/db

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

PERMITTEE NAME (Include Facility Name/Location) **MOU IN COAL COMPANY**
 ADDRESS **C/O BLACKHAWK ENGINEERING**
RT 1 BOX 146-H5
HELPER UT 84526
 FACILITY _____
 LOCATION _____
 ATTN: **KATHLEEN MELT**

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

UTG040004
 PERMIT NUMBER

001 A
 DISCHARGE NUMBER

MINOR

Form Approved. OMB No. 2040-0004

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	09	01		94	09	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

F - FINAL SED PND OT FEE NO PERK FOR CRK

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPL. TYPE (69-70)
		AVERAGE (54-55)	MAXIMUM (56-61)	UNITS (57-62)	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)			
FLOW RATE		NO DISCHARGE		(07)	*****	*****	*****			
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	*****	*****	*****	***	ONCE/GRAB	MONTH
PH	SAMPLE MEASUREMENT	*****	*****					(12)		
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.5 DAILY MN	*****	9.0 DAILY MX	SU	TWICE/GRAB	MONTH
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)		
00530 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	SAMPLE MEASUREMENT	*****	*****		*****			(19)		
FREON EXTR-GRAB METH	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10 DAILY MX	MG/L	ONCE/GRAB	MONTH
00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)		
IRON, TOTAL (AS FE)	PERMIT REQUIREMENT	*****	*****	***	*****	*****	1.0 DAILY MX	MG/L	ONCE/GRAB	MONTH
01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****		(26)	*****	*****		(19)		
SOLIDS, TOTAL DISSOLVED	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 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.)

Kathleen Welt
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 801 637-2422
 DATE: 94 10 25

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



September 28, 1994

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

Dear Ms. Franklin:

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

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



September 28, 1994

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

Dear Ms. Littig:

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

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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



September 28, 1994

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

Dear Mr. Hilden:

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Enclosures

DWG/db

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

PERMITTEE NAME AND 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 _____

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

UT6040004
 PERMIT NUMBER

001 A
 DISCHARGE NUMBER

MINOR

Form Approved.

F - FINAL OMB No. 2040-0004
 SED PND OT FEE NO PROGRAM CRK

MONITORING PERIOD

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

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

ATTN: KATHLEEN WELT

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW RATE		NO DISCHARGE			(07)					
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	*****	*****	*****	****	ONCE/6 MONTH	
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)		
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.5 DAILY MN	*****	9.0 DAILY MX	SU	TWICE/6 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/6 MONTH	
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****		(25)		
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.5 DAILY MX	ML/L	ONCE/6 MONTH	
OIL AND GREASE FROM EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****		*****	*****		(19)		
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	10 DAILY MX	MG/L	ONCE/6 MONTH	
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****		(19)		
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	1.0 DAILY MX	MG/L	ONCE/6 MONTH	
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	*****		(26)	*****	*****		(19)		
70295 0 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	2000 DAILY MX	LB S/DY	*****	*****	REPORT DAILY MX	MG/L	ONCE/6 MONTH	

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

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319 (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years)

[Signature]
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

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

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PERMITTEE NAME AND ADDRESS (Include Facility Name/Location if different)
 NAME MOUNTAIN COAL COMPANY
 ADDRESS C/O BLACKHAWK ENGINEERING
RT 1 BOX 146-H5
HELPER UT 84526

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

UT6040004
 PERMIT NUMBER

001 A
 DISCHARGE NUMBER

MINOR Form Approved.
 F - FINAL OMB No. 2040-0004
 SED PND OTFEE NO PREGON CRK

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

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

FACILITY _____
 LOCATION _____
 ATTN: KATHLEEN WELT

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

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

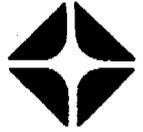
I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT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

Kathleen Welt
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

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

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

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



July 28, 1994

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

Dear Mr. Hilden:

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

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

Respectfully,

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

Enclosures

DWG/db

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

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



July 28, 1994

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

Dear Ms. Franklin:

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

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

Respectfully,

Dan W. Guy for
Kathy Welt, MCC

Enclosures

DWG/db

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

Mountain Coal Company

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



July 28, 1994

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

Dear Ms. Littig:

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

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

Respectfully,

Dan W. Guy for
Kathy Welt, MCC

Enclosures

DWG/db

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

PERMITTEE NAME AND 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 21718 Mines
 LOCATION _____

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

UTG040004
 PERMIT NUMBER

001 A
 DISCHARGE NUMBER

MINOR

Form Approved.

OMB No. 2040-0004

F - FINAL
 SED PND OFFICE NO. PREPARED BY CRK

MONITORING PERIOD

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

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

ATTN: KATHLEEN WELT

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

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 \$20,000 and/or maximum imprisonment of between 6 months and 5 years.)

Don N. Long
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

801 637-2422

DATE

94 07 28

AREA CODE NUMBER YEAR MO DAY

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

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



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

May 27, 1994

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

Dear Mr. Hilden:

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

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

Respectfully,

Dan W. Guy for
Kathy Welt, MCC

Enclosures

DWG/db

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

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



May 27, 1994

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

Dear Ms. Franklin:

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

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

Respectfully,

Dan W. Guy for
Kathy Welt, MCC

Enclosures

DWG/db

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

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



May 27, 1994

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

Dear Ms. Littig:

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

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

Respectfully,

Dan W. Guy for
Kathy Welt, MCC

Enclosures

DWG/db

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

PERMITTEE NAME (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) (17-19)

UT6040004 **001 A**
 PERMIT NUMBER DISCHARGE NUMBER

MINOR
 Form Approved. OMB No. 2040-0004
F - FINAL
SED PND OT FLE NO PRTGON CRK

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	04	01		94	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)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
FLOW RATE				(07)	*****	*****	*****				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	*****	*****	*****	***		ONCE/ GRAB MONTH	
PH		*****	*****				(12)				
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.5	*****	9.0	***		TWICE/ GRAB MONTH	
SOLIDS, TOTAL SUSPENDED		*****	*****		*****		(19)				
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	25	70	***		ONCE/ GRAB MONTH	
SOLIDS, SETTLEABLE		*****	*****		*****	*****	(25)				
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5	***		ONCE/ GRAB MONTH	
OIL AND GREASE		*****	*****		*****	*****	(19)				
FREON EXTR-GRAY METH		*****	*****		*****	*****	10	***		ONCE/ GRAB MONTH	
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10	***		ONCE/ GRAB MONTH	
IRON, TOTAL (AS FE)		*****	*****		*****	*****	(19)				
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	1.0	***		ONCE/ GRAB MONTH	
SOLIDS, TOTAL DISSOLVED		*****		(26)	*****	*****	(19)				
70295 4 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	2000		*****	*****	REPORT	***		ONCE/ GRAB MONTH	
			DAILY MX	LBS/DY			DAILY MX	MG/L			

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 18 USC § 1013. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

[Signature]
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 801 637-2422
DATE 94 05 27
AREA CODE **NUMBER** **YEAR** **MO** **DAY**

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

PERMITTEE NAME AND 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) (17-19)

UTG040004
 PERMIT NUMBER

001 A
 DISCHARGE NUMBER

MINOR

Form Approved.

F - FINAL OMB No. 2040-0004
 SED PND OT FEE NO PREVISION CRK

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

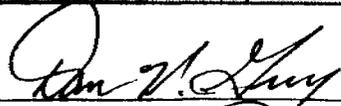
*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

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

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.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT


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

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
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PERMITTEE NAME AND 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) (17-19)
UTG040004 (PERMIT NUMBER)
001 A (DISCHARGE NUMBER)

MINOR Form Approved.
 F - FINAL OMB No. 2040-0004
 SED PND OT FEE NO PAY FOR ON CRK

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

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

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

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 18 USC § 1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

[Signature]
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

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

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

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

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

UTG040004
 PERMIT NUMBER

001 A
 DISCHARGE NUMBER

MINOR

Form Approved.
 OMB No. 2040-0004

F - FINAL
 SED PND OT FEE NO PREVIOUS CRK

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

*** NO DISCHARGE [X] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW RATE				(07)	*****	*****	*****				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPD	*****	*****	*****	****		ONCE / GRAB MONTH	
PH		*****	*****			*****		(12)			
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.5 DAILY MN	*****	9.0 DAILY MX	SU		ONCE / GRAB MONTH	
SOLIDS, TOTAL SUSPENDED		*****	*****		*****			(19)			
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	25 30DA AVG	70 DAILY MX	MG/L		ONCE / GRAB MONTH	
SOLIDS, SETTLEABLE		*****	*****		*****	*****		(25)			
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.5 DAILY MX	ML/L		ONCE / GRAB MONTH	
OIL AND GREASE FREON EXTR-GRAY METH		*****	*****		*****	*****		(19)			
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	10 DAILY MX	MG/L		ONCE / GRAB MONTH	
IRON, TOTAL (AS FE)		*****	*****		*****	*****		(19)			
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	1.0 DAILY MX	MG/L		ONCE / GRAB MONTH	
SOLIDS, TOTAL DISSOLVED		*****		(26)	*****	*****		(19)			
70295 0 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 KNOWLEDGE OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE 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 3 years.)

Kathleen Welt
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 801 637-2422
 DATE: 94 02 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.

PERMITTEE NAME AND 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) (17-19)

UTG040004
 PERMIT NUMBER

001 A
 DISCHARGE NUMBER

MINOR

Form Approved.
 OMB No. 2040-0004

F - FINAL
SED PND OTFEE NO PREPARED CRK

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
94	01	01		94	01	31

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

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

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.)

[Signature]
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

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

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

POND INSPECTIONS

E.I.S Hydrology
Pond Inspection Report

11

POND: 2

LOCATION: Min Lake

ITEM	REMARKS
(1) Potential Safety Hazards	<u>None</u>
(2) Slope Stability	<u>Good</u>
(3) Erosion	<u>None - (summed on E.I.S. incl.)</u>
(4) Construction and Maintenance Performance Standards	<u>Good</u>
(5) Recommendations/Comments	<u>> 2' Water Level Frogeen - no Discharge</u>

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

Ronald Steel

Inspector

11/22/94
Date

E.I.S Hydrology
Pond Inspection Report

POND: 7A

LOCATION: Mar Lane

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

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

David Steel
Inspector

11/22/94
Date

E.I.S Hydrology
Pond Inspection Report

POND: SWEETS Pond

LOCATION: with N. Louie
Gordon GR
MFA Canal

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

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

David Steel
Inspector

11/22/94
Date

E.I.S Hydrology
Pond Inspection Report

POND: Lewis

LOCATION: Carbon Creek

ITEM	REMARKS
(1) Potential Safety Hazards	<u>None</u>
(2) Slope Stability	<u>Good</u>
(3) Erosion	<u>None</u>
(4) Construction and Maintenance Performance Standards	<u>Good</u>
(5) Recommendations/Comments	<u>Stream Open - no flow Flow through</u>

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

[Signature]
Inspector

8/11/94
Date

E.I.S Hydrology
Pond Inspection Report

POND: 2-(7) (lower)

LOCATION: Carbon Creek

ITEM	REMARKS
(1) Potential Safety Hazards	<u>None</u>
(2) Slope Stability	<u>Stable</u>
(3) Erosion	<u>None</u>
(4) Construction and Maintenance Performance Standards	<u>Good</u>
(5) Recommendations/Comments	<u>Pond at 30% Capacity less than 18" Water No Discharge</u>

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

[Signature]
Inspector

Date 8/1/74

E.I.S Hydrology
Pond Inspection Report

POND: 7-A

LOCATION: London Park

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

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

[Signature]
Inspector

Date 8/11/94

E.I.S Hydrology
Pond Inspection Report

POND: 2

LOCATION: Mountain Coal

<u>ITEM</u>	<u>REMARKS</u>
(1) Potential Safety Hazards	<u>None</u>
(2) Slope Stability	<u>Good</u>
(3) Erosion	<u>None</u>
(4) Construction and Maintenance Performance Standards	<u>No discharge</u> <u>Good</u>
(5) Recommendations/Comments	<u>8" of standing water</u>

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

Todd Wely
Inspector

4-4-94
Date

E.I.S Hydrology
Pond Inspection Report

POND: 7

LOCATION: mainstem coal
upper pond.

<u>ITEM</u>	<u>REMARKS</u>
(1) Potential Safety Hazards	<u>None</u>
(2) Slope Stability	<u>Good</u>
(3) Erosion	<u>none</u>
(4) Construction and Maintenance Performance Standards	<u>Snow pack on slopes</u> <u>Good</u>
(5) Recommendations/Comments	<u>no discharge</u>

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

[Signature]
Inspector

4/4/94
Date

E.I.S Hydrology
Pond Inspection Report

POND: Sweet Pond

LOCATION: Mountain Coal

ITEM	REMARKS
(1) Potential Safety Hazards	None
(2) Slope Stability	Good Snow packed on slopes
(3) Erosion	None
(4) Construction and Maintenance Performance Standards	1" of Good No discharge
(5) Recommendations/Comments	6" of Standing water in pond approach

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.

Gard Web
Inspector
4-4-94
Date

E.I.S Hydrology
Pond Inspection Report

POND: 2

LOCATION: Cedar Park

ITEM	REMARKS
(1) Potential Safety Hazards	<u>None</u>
(2) Slope Stability	<u>Stable</u>
(3) Erosion	<u>None on road top</u>
(4) Construction and Maintenance Performance Standards	<u>OK</u>
(5) Recommendations/Comments	<u>Small amount of water seeping from pond - no damage</u>

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

[Signature]
Inspector

3/28/94
Date

E.I.S Hydrology
Pond Inspection Report

W POND: 7-A

LOCATION: Rock Creek

ITEM	REMARKS
(1) Potential Safety Hazards	<u>None</u>
(2) Slope Stability	<u>Stable</u>
(3) Erosion	<u>None</u>
(4) Construction and Maintenance Performance Standards	<u>Good</u>
(5) Recommendations/Comments	<u>off Sulphur intake from flow with 10 Volts</u>

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

[Signature]
Inspector

3/29/84
Date

E.I.S Hydrology
Pond Inspection Report

POND:

LOCATION:

<u>ITEM</u>	<u>REMARKS</u>
(1) Potential Safety Hazards	<u> </u>
(2) Slope Stability	<u> </u>
(3) Erosion	<u> </u>
(4) Construction and Maintenance Performance Standards	<u> </u> <u> </u> <u> </u>
(5) Recommendations/Comments	<u> </u> <u> </u>

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

Inspector

Date

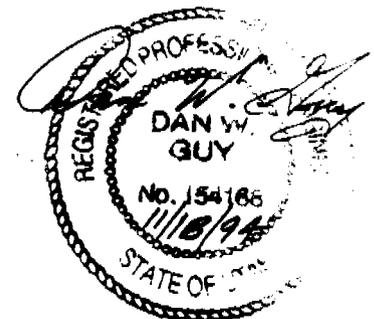
SUBSIDENCE

SURVEY

MOUNTAIN COAL COMPANY
 SUBSIDENCE MONITORING
 GORDON CREEK NO. 2 MINE

STATION	ORIGINAL ELEVATION		SURVEY ELEVATION		CHANGE	
	07/29/86	09/28/91	10/16/93	11/04/94	Last	Acc.
SWEETS	9174.513	9174.513	9174.513	9174.513	Control	
"H"	8849.120	8845.010	8845.010	8845.010	-	-
"A"	8653.167	8653.553	8653.527	8653.532	+0.005	+0.365
"B"	8241.927	8242.021	8241.987	8241.987	0.000	+0.060
B-1	8542.205	8542.332	8542.450	8542.445	-0.005	+0.240
B-2	8557.768	8557.925	8558.002	8557.902	-0.100	+0.134
B-3	8571.868	8571.952	8572.015	8572.019	+0.004	+0.151
B-4	8594.970	-	-	-	-	-
B-5	8590.990	8591.002	8591.167	8591.171	+0.004	+0.181
B-6	8652.996	8653.031	8652.842	8652.845	+0.003	-0.151
B-7	8635.952	8635.988	8635.835	8635.939	+0.104	-0.013
B-8	8893.432	8893.496	8893.267	8893.265	-0.002	-0.167
B-9	8409.744	8409.760	8409.763	8409.768	+0.005	+0.024
B-10	8792.587	8792.624	8792.369	8792.370	+0.001	-0.217

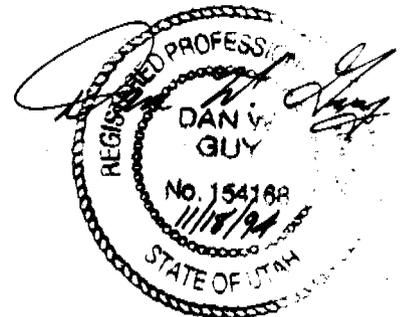
NOTE: (1) The area was walked between all stations. No visible movement, cracks or other recent subsidence effects were noted during the survey.



**MOUNTAIN COAL COMPANY
SUBSIDENCE MONITORING
GORDON CREEK NO. 8 MINE**

STATION	ORIGINAL ELEVATION		SURVEY ELEVATION		CHANGE	
	10/09/88	09/28/91	10/09/93	11/04/94	Last	Acc.
SWEETS	9174.513	9174.513	9174.513	9174.513	Control	
"H"	8849.120	8845.010	8845.010	8845.010	Control	
Sub-25	8561.790	8560.915	8560.886	8560.870	-0.016	-0.920
Sub-26	8641.822	8638.621	8638.434	8638.415	-0.019	-3.407
Sub-27	8615.259	8611.952	8611.815	8611.813	-0.002	-3.446

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



LEGEND

- INTAKE AIR
- RETURN AIR
- PRIMARY ESCAPWAY
- SECONDARY ESCAPWAY
- BELTLINE
- STOPPING
- STOPPING W/ MAN DOOR
- EQUIPMENT DOOR
- SEAL
- OVERCAST
- DRILL HOLE
- OUTCROP
- REGULATOR
- BOX CRACK
- FAULT
- LEASE BOUNDARY

- NOTES**
1. BELTLINE SHOWS AND FOOT BELTLINE.
 2. THE AVG. DEPTH OF THE BELTLINE IS 10 FT.
 3. THERE ARE NO BELT POLES ALONG THE BELT.
 4. THERE ARE NO BELT POLES WITHIN 500 FT. OF THE BELT.
 5. Average entry height for all entries is approximately 2.5 FT.

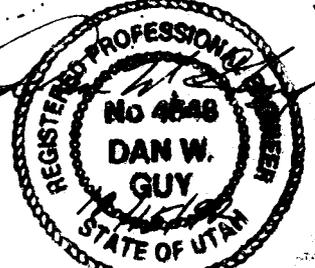
SUBSIDENCE MONITORING STATION

COLUMBO FEE

CASTLEGATE "A" OUTCROP

FEDERAL LEASE U-53150
COLUMBO FEE

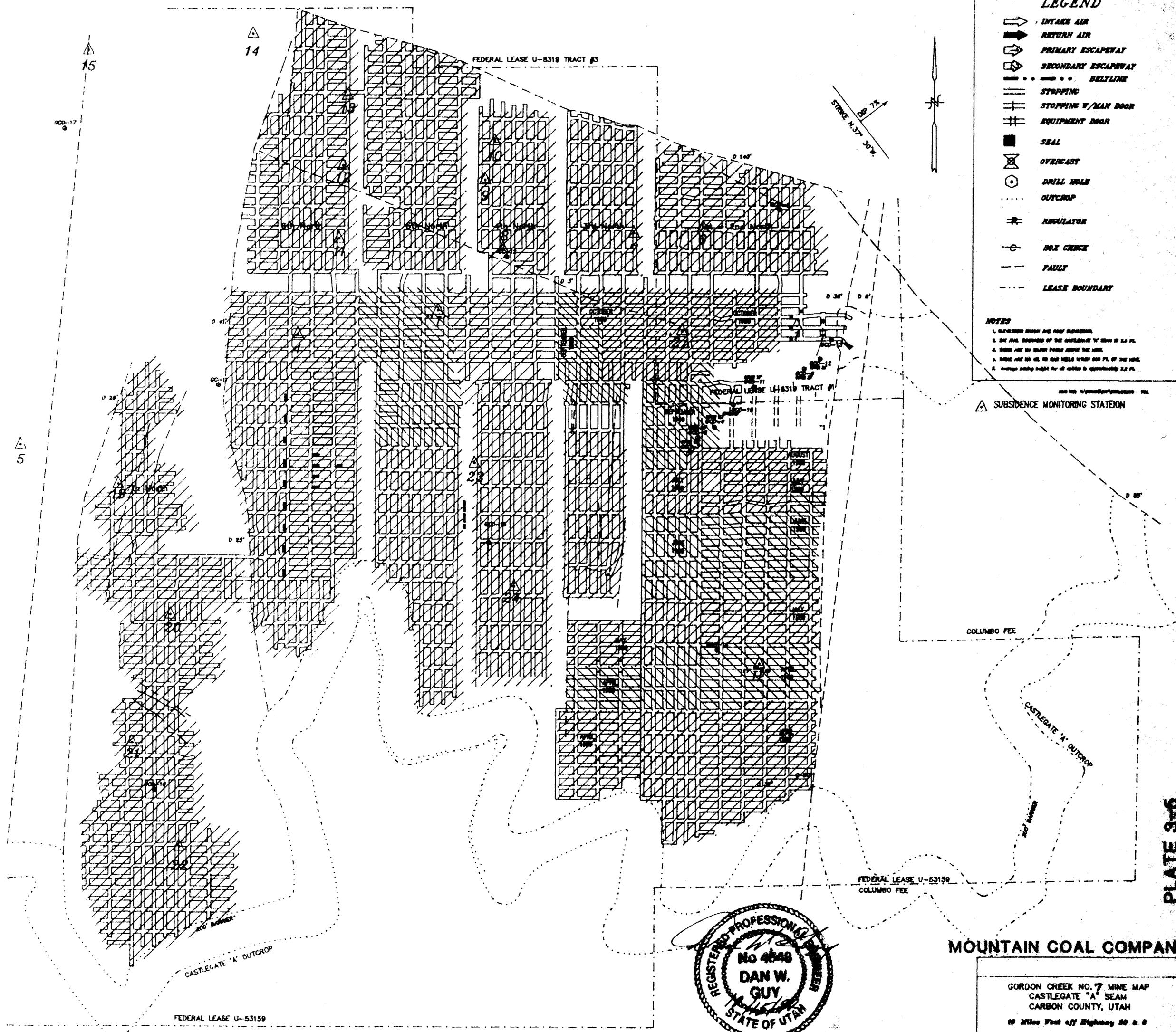
FEDERAL LEASE U-53150



MOUNTAIN COAL COMPANY

GORDON CREEK NO. 7 MINE MAP
CASTLEGATE "A" SEAM
CARBON COUNTY, UTAH
10 Miles East off Highway 89 & 6

PLATE 3-6



VEGETATION MONITORING

**ANNUAL
IMPOUNDMENT
CERTIFICATIONS**

MOUNTAIN COAL COMPANY
1994 ANNUAL POND INSPECTION REPORT

POND: SED. POND 2

LOCATION: G.C. 2/7/8

IMPOUNDMENTS

(1) Stability	<u>Slopes Stable.</u>
(2) Structural Weakness/Erosion	<u>Minor Erosion on Inlet</u> <u>No Structural Weakness</u> <u>None Noted.</u>
(3) Potential Safety Hazards	
(4) Depth of Impounded Water	<u>18"</u>
(5) Existing Storage Capacity	<u>2.10 Ac. Ft.</u>
(6) Monitoring Procedures	<u>Quarterly Inspection.</u> <u>U.P.D.E.S. Discharge.</u>

SEDIMENT PONDS ONLY

(7) Sediment Accumulation (Elev.)	<u>7881.3</u>
(8) Sediment Cleanout Level (Elev.)	<u>7881.8</u>
(9) Principle Spillway (Elev.)	<u>7893.0</u>
(10) Emergency Spillway (Elev.)	<u>7893.7</u>
(11) Existing Sediment Capacity (To Cleanout)	<u>0.10 Ac. Ft.</u>

GENERAL

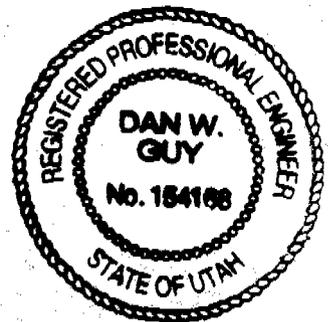
(12) Comments/Recommendations	<u>Open Channel Spillway</u> <u>Added 10/92. Grouted</u> <u>10/93. No Discharge.</u>
-------------------------------	--

STATEMENT

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

Dan W. Guy
(Signature)

11-16-94
(Date)



MOUNTAIN COAL COMPANY
1994 ANNUAL POND INSPECTION REPORT

POND: SED. POND 7A

LOCATION: G.C. 2/7/8

IMPOUNDMENTS

(1) Stability	<u>Slopes Stable.</u>
	<u>Revegetated.</u>
(2) Structural Weakness/Erosion	<u>None Noted.</u>
(3) Potential Safety Hazards	<u>None Noted.</u>
(4) Depth of Impounded Water	<u>N/A - Dry</u>
(5) Existing Storage Capacity	<u>1.19 Ac. Ft.</u>
(6) Monitoring Procedures	<u>Quarterly Inspection.</u>

SEDIMENT PONDS ONLY

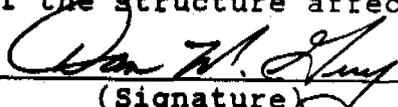
(7) Sediment Accumulation (Elev.)	<u>7929.0</u>
(8) Sediment Cleanout Level (Elev.)	<u>7932.0</u>
(9) Principle Spillway (Elev.)	<u>7939.5</u>
(10) Emergency Spillway (Elev.)	<u>7940.5</u>
(11) Existing Sediment Capacity (To Cleanout)	<u>0.12 Ac. Ft.</u>

GENERAL

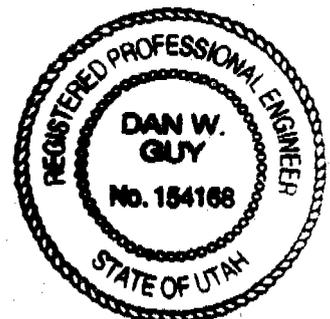
(12) Comments/Recommendations	<u>Overflow to Sed. Pond 2</u>
	<u>No Discharge.</u>

STATEMENT

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


(Signature)

11-16-94
(Date)



MOUNTAIN COAL COMPANY
1994 ANNUAL POND INSPECTION REPORT

POND: SWEET'S CANYON

LOCATION: G.C. 2/7/8

IMPOUNDMENTS

(1) Stability	<u>Slopes Stable.</u>
(2) Structural Weakness/Erosion	<u>Vegetated.</u>
(3) Potential Safety Hazards	<u>Beaver dam on east</u> <u>end at water level.</u>
(4) Depth of Impounded Water	<u>None Noted.</u>
(5) Existing Storage Capacity	<u>60"</u>
(6) Monitoring Procedures	<u>2.10 Ac. Ft.</u> <u>(Not a Sed. Pond.)</u> <u>Quarterly Inspection.</u>

SEDIMENT PONDS ONLY

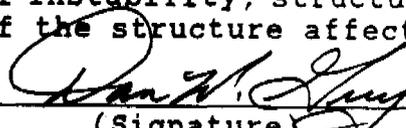
(7) Sediment Accumulation (Elev.)	<u>N/A</u>
(8) Sediment Cleanout Level (Elev.)	<u>N/A</u>
(9) Principle Spillway (Elev.)	<u>N/A</u>
(10) Emergency Spillway (Elev.)	<u>N/A</u>
(11) Existing Sediment Capacity (To Cleanout)	<u>N/A</u>

GENERAL

(12) Comments/Recommendations	<u>Pond for Water Fill</u> <u>and Fish Only.</u> <u>Operating Properly.</u> <u>Check on beaver hole</u> <u>for leakage.</u>
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STATEMENT

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