

Annual Reports Review

Mine Name Gordon Creek # 3 & # 6

Date Submitted March 31, 1993

Sections to be reviewed: *Please note after you have reviewed.*

Cover Sheet and Mine Sequence Map - Jesse  
Date Reviewed \_\_\_\_\_

Summarized Water Monitoring Data - Ken  
Date Reviewed \_\_\_\_\_

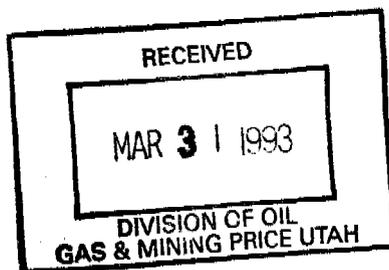
Precipitation and Climatological Data - Ken  
Date Reviewed \_\_\_\_\_

Subsidence Monitoring Report - Jesse  
Date Reviewed \_\_\_\_\_

Vegetation Data and Revegetation Success Monitoring - Susan  
Date Reviewed \_\_\_\_\_

Annual Impoundment Certification - Jesse  
Date Reviewed \_\_\_\_\_

Annual Overburden, Spoil, Refuse, Roof, Floor, etc - Henry  
Date Reviewed \_\_\_\_\_



**MOUNTAIN COAL COMPANY**  
**1992 ANNUAL REPORT**  
**GORDON CREEK NO. 3/6 MINES**



# **BLACKHAWK ENGINEERING, CO.**

Rt. 1, Box 146-H5 - Helper, Utah 84526 - Telephone (801) 637-2422

March 26, 1993

Mr. Lowell Braxton  
Acting Director  
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  
1992 Annual Report  
Gordon Creek No. 3/6 Mines  
ACT/007/017  
Carbon County, Utah

Dear Mr. Braxton:

Enclosed is the Annual Report for Coal Mining and Reclamation Operations for 1992 for the Gordon Creek No. 3/6 Mines.

The report is being submitted on behalf of Mountain Coal Company. If you have any questions, or need any further information, please contact me at the above address or Kathleen Welt at Mountain Coal Company, West Elk Mine, P.O. Box 591, Somerset, Colorado 81434.

Respectfully,

Dan W. Guy P.E.  
President

cc: Kathleen Welt- MCC  
File - Annual Report

COAL MINING AND RECLAMATION OPERATIONS FOR 1992

(Must be submitted to the Division by March 31, 1993)

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

**Permittee:** Mountain Coal Company

**Mine Name:** Gordon Creek No. 3/6 Mines

**Mailing Address:** P.O. Box 591, Somerset, Colo. 81434

**Company Representative:** Kathleen G. Welt

**Resident Agent:** The Corporation Trust Co., 1209 Orange St, Wilmington, Delaware, 19801

**Permit Number:** INA/007/017

**MSHA ID Number:** N/A

**Date of Initial Permanent Program Permit:** 5/11/78

**Date of Permit Renewal:** 11/12/91 (Expires 9/19/96)

**Quantity of Coal Mined (tonnage) 1992:** N/A

**Attach Updated Mine Sequence Map(s) showing mine development through December 31, 1992.**  
(Same as Lease Royalty Payment Map and/or MSHA Progress Map) N/A

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

- A. **Summarized Water Monitoring Data:** (Enclosed)
1. List of monitoring points and their locations and respective frequencies of monitoring (monthly, quarterly, etc.) as approved in the PAP;
  2. UPDES permit number, UPDES discharge points and their locations;
  3. Summary of findings based on water monitoring during 1992; and
  4. Submit water monitoring as database files (ASCII, Lotus, dBase, etc.)  
(Please contact Ken Wyatt if you have any questions).
- B. **Precipitation or Other Climatological Data** (please submit as database files: ASCII, Lotus, dBase, etc.-- Contact Ken Wyatt if you have any questions).

**C. 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).

**D. 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.

**E. 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*

**F. 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.

**G. 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.**

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

**Gordon Creek #3 & #6 Mines**

**Amendments Approved**

**Date**

92A --Phase II Bond Release Application Denied

09/28/92

**Outstanding Issues**

**PERMIT**

NON-FEDERAL

PERMIT  
ACT/007/017

November 12, 1991

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

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

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

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

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

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

Township 13 South, Range 8 East, SLBM

Section 8: SE1/4 SE1/4

Section 9: S1/2 SW1/4, SW1/4 SE1/4

Section 16: SE1/4 NW1/4, SW1/4 NE1/4, N1/2 NW1/4, SW1/4, SW1/4 NW1/4, Portions of SW1/4 SE1/4, Portions of NW1/4 SE1/4

Section 17: NE1/4 NE1/4, SE1/4 NE1/4, NE1/4 SE1/4

Section 21: Portions of W1/2 NE1/4, Portions of SE1/4 NW1/4

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**THE STATE OF UTAH**

By: Don R. Nilsen

Date: 11-12-91

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

Richard P. Pugh

**Authorized Representative of  
the Permittee**

Date: 11-26-91

**SPECIAL CONDITIONS**

**PERMIT RENEWAL**

**GORDON CREEK #3 AND #6 RECLAIMED MINE**

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

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

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

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

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

A:\PERMIT.GC3

NON-FEDERAL

PERMIT  
ACT/007/017

September 12, 1991

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

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

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

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

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Section 17: NE1/4 NE1/4, SE1/4 NE1/4, NE1/4 SE1/4

Section 21: Portions of W1/2 NE1/4, Portions of SE1/4 NW1/4

This legal description is for the permit area of the Gordon Creek #3 and #6 Mine. The permittee is authorized to conduct underground coal mining activities and related surface activities on the foregoing described property subject to 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** - The permit expired on September 12, 1991 when CO #C91-20-1-1 was issued. The permit will be renewed November 11, 1991 and expire on September 12, 1996.
- Sec. 5 ASSIGNMENT OF PERMIT RIGHTS** - The permit rights may not be transferred, assigned or sold without the prior written approval of the Division Director. Transfer, assignment or sale of permit rights must be done in accordance with applicable regulations, including but not limited to 30 CFR 740.13{e} and R614-303-300.
- Sec. 6 RIGHT OF ENTRY** - The permittee shall allow the authorized representative of the Division, including but not limited to inspectors, and representatives of the Office of Surface Mining Reclamation and Enforcement (OSM), without advance notice or a search warrant, upon presentation of appropriate credentials, and without delay to:
- (a) have the rights of entry provided for in 30 CFR 840.12, R614-400-220, 30 CFR 842.13 and R614-400-110;
  - (b) be accompanied by private persons for the purpose of conducting an inspection in accordance with R614-400-100 and R614-400-200 when the inspection is in response to an alleged violation reported to the Division by the private person.
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- (a) Any accelerated or additional monitoring necessary to determine the nature and extent of noncompliance and the results of the noncompliance;
  - (b) immediate implementation of measures necessary to comply; and

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

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

- (a) in accordance with the terms of the permit to prevent significant, imminent environmental harm to the health and safety of the public; and
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**Sec. 13 COMPLIANCE WITH OTHER LAWS** - The permittee shall comply with the provisions of the Water Pollution Control Act (33 USC 1151 et seq.) and the Clean Air Act (42 USC 7401 et seq), UCA 26-11-1 et seq, and UCA 26-13-1 et seq.

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

The above conditions (Secs. 1-16) 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: David R. Nielsen

Date: 9-12-91

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

Richard J. Rich  
**Authorized Representative of  
the Permittee**

Date: 10/15/91

**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)



September 5, 1991

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: Permit Renewal  
Gordon Creek No. 3 & 6 Mine  
INA/007/017  
Carbon County, Utah

Dear Ms. Littig:

Mountain Coal Company is hereby applying for renewal of the Mining and Reclamation Permit No. INA/007/017 for its Gordon Creek No. 3 & 6 Mines. This application is submitted in accordance with the provisions of R614-303-230.

It should be noted that no major permit changes have occurred since the original permit approval and site reclamation in September, 1985.

The following application requirements are addressed with this submittal:

- (1) R614-300-232.220 - Required liability insurance is provided as Appendix 2-3 of the latest Chapter 2 submitted on 5/10/91;
- (2) R614-303-232.230 - Required performance bond is included as Appendix 2-4 of the above referenced Chapter 2;
- (3) R614-303-232.240 - A proposed newspaper notice is included with the submittal. This notice is entitled Appendix 2-7, and should be added to Chapter 2 of the M.R.P.. This notice is filed in accordance with the provisions of R614-300-121.100. The notice will be published weekly for 4 consecutive weeks, and a copy of the notice and proof of publication will be provided to the Division as required;
- (4) R614-303-232.250 - Any additional information required by the Division will be provided at your request.

Permit Renewal  
Gordon Creek No. 3 & 6 Mine  
INA/007/017  
September 5, 1991  
Page 2

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

Respectfully,



Dan W. Guy  
Mgr. Permitting/Compliance

cc: R.D. Pick  
J.L. Coffey  
D.M. Arnolds  
A.J. Gaudielle  
File

**SPECIAL CONDITIONS**

# AMENDMENTS

## OTHER PERMITS



State of Utah  
DEPARTMENT OF HEALTH  
DIVISION OF ENVIRONMENTAL HEALTH

Norman H. Bangertter  
Governor  
Suzanne Dandoy, M.D., M.P.H.  
Executive Director  
Kenneth L. Alkema  
Director

288 North 1460 West  
P O Box 16690  
Salt Lake City, Utah 84116-0690  
(801) 538-6121

June 10, 1991

**CERTIFIED MAIL**  
(Return Receipt Requested)

Mr. Dan W. Guy, Manager  
Beaver Creek Coal  
P.O. Box 1378  
Price, Utah 84501

Re: General Permit No. UTG040000--Coal  
Mining

Dear Mr. Guy:

We hereby acknowledge receipt of the Notice of Intent (NOI) for coverage under the Utah General Permit for Coal Mining. The NOIs for Beaver Creek Coal's Gordon 3 & 6 Wells and Huntington Canyon Well are considered adequate and have been assigned the numbers UTG040014 for Gordon 3 & 6 and UTG040015 for Huntington Canyon. Please refer to these numbers in future correspondence.

Your copy of the signed permits are enclosed. Coverage shall begin on June 1, 1991 and all the requirements and conditions of the permits will be in effect at that time. Preprinted Discharge Monitoring Report Forms (EPA Form 3320-1), for self-monitoring and reporting requirements as specified in the permits, will be sent to you within 30 days.

A fee schedule was included in the Utah Department of Health budget appropriation request at the direction of the Legislature and in accordance with Utah Code Annotated 26-1-6. The fee schedule, as approved by the Legislature, includes a charge for the issuance of a UPDES permit. Please remit \$690.00 for each permit (a total of \$1,380.00) within 30 days of receipt of this letter to:

Utah Department of Health  
Bureau of Water Pollution Control  
Attn: Rawn Wallgren  
P.O. Box 16690  
Salt Lake City, UT 84116-0690

If you have any questions, please contact Steve McNeal or Harry Campbell at (801) 538-6146.

Sincerely,

*Donald A. Hilden*

Donald A. Hilden, Ph.D., Chief  
Permits and Compliance Section  
Bureau of Water Pollution Control

KC/kc

Enclosure

cc: Division of Oil, Gas & Mining  
Southeastern Utah District Health Dept.  
Dave Ariotti, District Engineer

**BOND**

# ORIGINAL

## R I D E R

RIDER to be attached to and form a part of Bond Number U-629895

on behalf of BEAVER CREEK COAL COMPANY  
(Name)

555 SEVENTEENTH STREET, DENVER, COLORADO 80202  
(Address)

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

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

in the amount of ONE HUNDRED THIRTY-EIGHT THOUSAND FOUR HUNDRED AND NO/100-----

Dollars (\$ 138,400.00 ) effective JUNE 22 , 19 87 .

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

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

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

**CC**

MOUNTAIN COAL COMPANY  
Principal

UNITED PACIFIC INSURANCE COMPANY  
Surety

BY: Thomas H. Garber  
Vice President

BY: Dorothy M. Ivanoff  
DOROTHY M. IVANOFF  
ATTORNEY-IN-FACT

# Reliance Insurance Companies

RELIANCE INSURANCE COMPANY  
PHILADELPHIA, PENNSYLVANIA

UNITED PACIFIC INSURANCE COMPANY  
FEDERAL WAY, WASHINGTON

PLANET INSURANCE COMPANY  
FEDERAL WAY, WASHINGTON

**RECEIVED**

**AUG 13 1987**

## RIDER

To be attached to and form a part of

**DIVISION OF OIL  
GAS & MINING**

Type of Bond: Mined Land Reclamation Act Bond

Bond No. U62 98 95

executed by Beaver Creek Coal Company, as Principal,

and by United Pacific INSURANCE COMPANY, as Surety,

in favor of State of Utah Dept. of Natural Resources, Division of Oil, Gas & Mining

and dated April 22, 1983.

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

the bond amount

From: Three hundred forty-six thousand and no/100-----dollars

(\$346,000.00)

To: One hundred thirty-eight thousand four hundred and no/100--dollars

(\$138,400.00)

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

This rider is effective June 22, 1987

Signed and Sealed July 13, 1987



Principal Beaver Creek Coal Company

By: Charles B. Smith Title  
Vice President  
United Pacific INSURANCE COMPANY

By: Patricia L. Barga Attorney-in-Fact  
Patricia L. Barga

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

By:

Date

*Acceptance copy signed:  
James P. Banta*

*F/16*

ARCO Coal Company  
555 Seventeenth Street  
Denver, Colorado 80202  
Telephone 303 293 4000

Property Administration



RECEIVED

AUG 13 1987

DIVISION OF OIL  
GAS & MINING

August 10, 1987

Lowell P. Braxton  
Administrator, Mineral Resource Development  
and Reclamation Program  
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

Re: Bond No. U62 98 95  
Phase I Bond Release, Beaver Creek Coal Company,  
Gordon Creek No. 3 and No. 6 Mines, Folder #5,  
INA/007/019,  
Carbon County, Utah

Dear Mr. Braxton:

As authorized by your letter dated June 22, 1987, enclosed is a rider for the above-captioned bond reducing the bond amount to \$138,400. Please sign the rider indicating your acceptance and return the acceptance copy to:

Vivienne Douglas  
Johnson & Higgins of Colorado, Inc.  
1850 Colorado National Bank Bldg.  
950 17th Street  
Denver, Colorado 80202

Thank you for your assistance on this bond.

Sincerely,

Mickey L. Love  
Senior Lease Administrator

MLL:mjb  
enclosure



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 22, 1987

Mr. Dan Guy, Manager  
Permitting & Compliance  
Beaver Creek Coal Company  
P. O. Box 1378  
Price, Utah 84501

*Dan*  
Dear Mr. Guy:

Re: Phase I Bond Release, Beaver Creek Coal Company,  
Gordon Creek No. 3 and No. 6 Mines, Folder #5,  
INA/007/019, Carbon County, Utah

The Division hereby approves the Phase I bond release of \$207,600 (60 percent of the bond) for the Gordon Creek No. 3 and No. 6 Mines. This bond release is effective as of June 26, 1987.

Thank you for your cooperation.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Lowell'.

Lowell P. Braxton  
Administrator  
Mineral Resource Development  
and Reclamation Program

PGL/djh  
cc: J. Whitehead  
P. Grubaugh-Littig  
8808R/8

ARCO Coal Company  
555 Seventeenth Street  
Denver, Colorado 80202  
Telephone 303 293 4000

Property Administration

June 24, 1987

RECEIVED

JUN 29 1987

DIVISION OF  
OIL, GAS & MINING

J. Whitehead  
  
Bond  
File

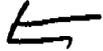
# A07 10/1/87

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, UT 84180-1203

Re: Old Bond No. 8094-24-79  
New Bond No. U629895

Gentlemen:

ARCO has chosen United Pacific Insurance Company to act as its bonding company. As a result, we are replacing bonds previously issued by Federal Insurance Company.

Therefore, please find enclosed a new bond for \$346,000 for Gordon Creek No. 3 and 6 Mines. Please return our bond 8094-24-79 for cancellation. 

Thank you for your assistance.

Sincerely,



Mickey L. Love  
Supervisor  
Property Administration

MLL/c

Enclosure

**RECEIVED**  
JUN 29 1987

MR FORM 5

(Revised August 1985)  
(Non-Federal)

**DIVISION OF  
OIL, GAS & MINING**

Bond Number U-629895  
Permit Number \_\_\_\_\_  
PREMIUM: \$1,730.00

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

**THE MINED LANDS RECLAMATION ACT**

**BOND**  
\*\*\*\*\*

The undersigned BEAVER CREEK COAL COMPANY  
as principal, and UNITED PACIFIC INSURANCE COMPANY as  
surety, hereby jointly and severally bind ourselves, our heirs, administrators,  
executors, successors and assigns unto the State of Utah, Division of Oil, Gas  
and Mining in the penal sum of THREE HUNDRED FORTY SIX THOUSAND AND NO/100  
-----dollars (\$ 346,000.00-----).

The principal estimated in the Mining and Reclamation Plan filed with the  
Division of Oil, Gas and Mining on the 22ND day of APRIL  
19 83, that 7.98 acres of land will be disturbed  
by this mining operation in the State of Utah. A description of the disturbed  
land is attached hereto as Exhibit "A."

When the Division has determined that the principal has satisfactorily  
reclaimed the above-mentioned lands affected by mining in accordance with the  
approved Mining and Reclamation Plan and has faithfully performed all  
requirements of the Mined Land Reclamation Act, and complied with the Rules  
and Regulations adopted in accordance therewith, then this obligation shall be  
void; otherwise it shall remain in full force and effect until the reclamation  
is completed as outlined in the approved Mining and Reclamation Plan.

If the approved plan provides for reclamation of the land affected on a  
piecemeal or cyclic basis, and the land is reclaimed in accordance with such  
plan, then this bond may be reduced periodically.

In the converse, if the plan provides for a gradual increase in the area  
of the land affected or increased reclamation work, then this bond may  
accordingly be increased with the written approval of the surety company.

The Division shall only accept the bond of a surety company if the bond is  
noncancellable by the surety at any time for any reason including, but not  
limited to nonpayment of premium or bankruptcy of the permittee during the  
period of liability.

NOTE: Where one signs by virtue of Power of Attorney for a surety company, such Power of Attorney must be filed with this bond. If the principal is a corporation, the bond shall be executed by a duly authorized officer.

THIS BOND IS TO BE EFFECTIVE: APRIL 22, 1987.

BEAVER CREEK COAL COMPANY

Principal (Company)

By

Charles B Smith

Company Officer - Position

*Vice President*



Date:

June 8, 1987

UNITED PACIFIC INSURANCE COMPANY

Surety (Company)

By

W.C. Doyle  
Surety Company Officer - Position  
W. C. DOYLE, ATTORNEY-IN-FACT

DATE:

MAY 13, 1987

APPROVED AS TO FORM:

By

Assistant Attorney General

AFFIDAVIT OF QUALIFICATION

W. C. DOYLE, being first duly sworn, on oath deposes and says that he/she is the (officer or agent) ATTORNEY-IN-FACT of said Surety Company, and that he/she is duly authorized to execute and deliver the foregoing obligations; that said Surety Company is authorized to execute the same and has complied in all respects with the laws of Utah in reference to becoming sole surety upon bonds, undertakings and obligations.

(Signed) By *W.C. Doyle*  
Surety Company Officer - Position  
W. C. DOYLE, ATTORNEY-IN-FACT

Subscribed and sworn to before me this 13TH day of MAY, 1987.



*Cora V. Rodriguez*  
Notary Public

My Commission Expires:

March 24, 1989.

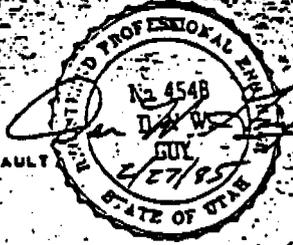
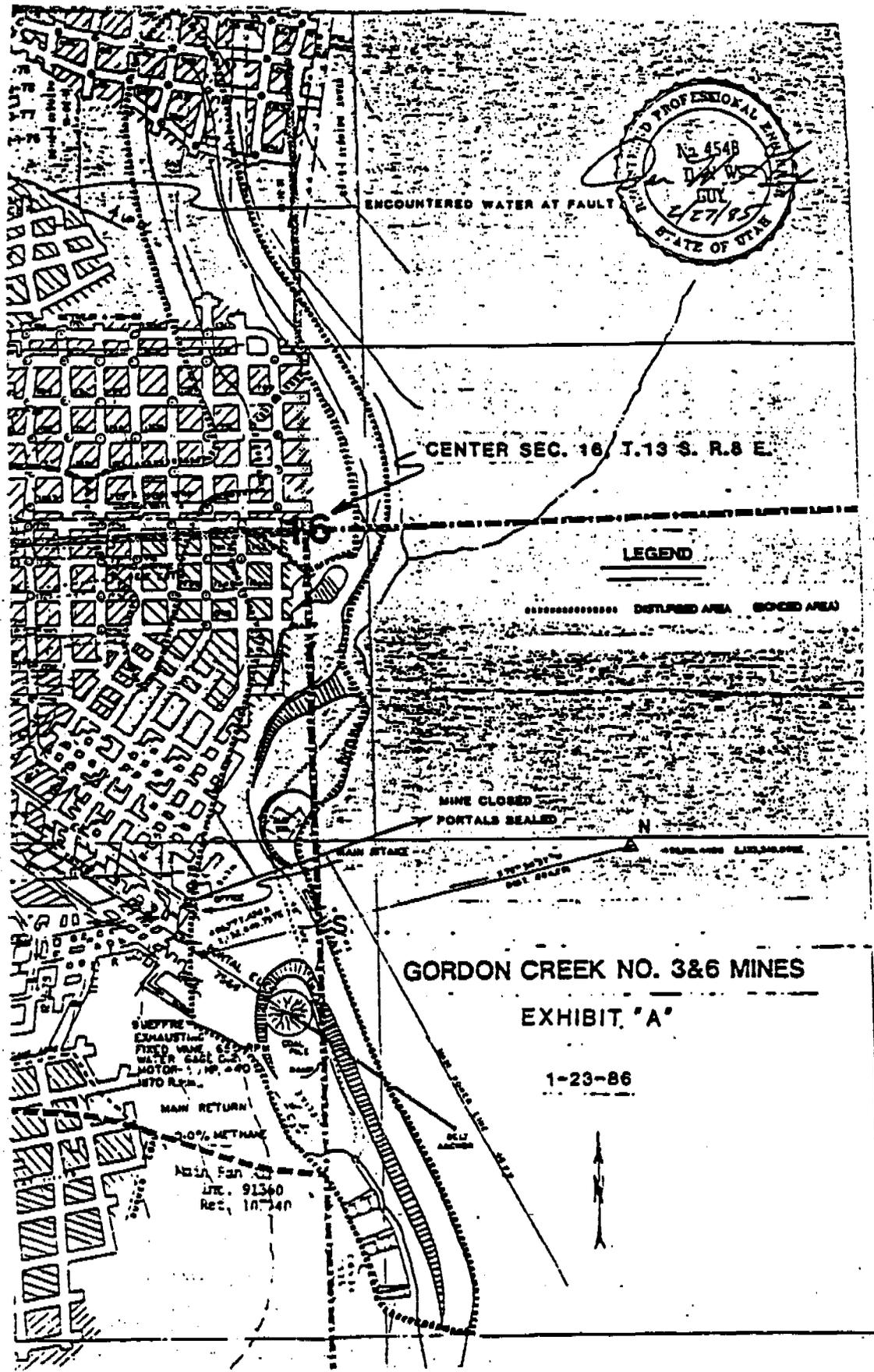
GORDON CREEK NO. 3/6 MINES  
EXHIBIT "A"

Disturbed Area - 7.98 acres

Bonded Area - 28.0 Acres (Includes affected areas to be revegetated)

Located in the following described lands:

T. 13 S, R. 8 E., SLBM, Utah  
Sec. 16: SE $\frac{1}{4}$  NW $\frac{1}{4}$  (10.36 acres)  
Sec. 16: SW $\frac{1}{4}$  NE $\frac{1}{4}$  (1.40 acres)  
Sec. 16: NE $\frac{1}{4}$  SW $\frac{1}{4}$  (11.20 acres)  
Sec. 16: NW $\frac{1}{4}$  SE $\frac{1}{4}$  (2.80 acres)  
Sec. 16: SW $\frac{1}{4}$  SE $\frac{1}{4}$  (2.24 acres)



ENCOUNTERED WATER AT FAULT

CENTER SEC. 16 T. 13 S. R. 8 E.

**LEGEND**

----- DISTURBED AREA  
 ----- BORED AREA

MINE CLOSED  
 PORTALS SEALED

**GORDON CREEK NO. 3&6 MINES  
 EXHIBIT. 'A'**

1-23-86

SUEPPE  
 EXHAUSTING  
 FIXED WIND  
 WATER GAGE  
 MOTOR  
 INTO RAIL

MAIN RETURN

1.0% METHANE

APR 21 1986  
 LIC. 91360  
 REG. 107340

# UNITED PACIFIC INSURANCE COMPANY

HOME OFFICE, FEDERAL WAY, WASHINGTON

## POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, That the UNITED PACIFIC INSURANCE COMPANY, a corporation duly organized under the laws of the State of Washington, does hereby make, constitute and appoint

W. C. DOYLE of LOS ANGELES, CALIFORNIA-----

its true and lawful Attorney-in-Fact, to make, execute, seal and deliver for and on its behalf, and as its act and deed

ANY AND ALL BONDS AND UNDERTAKINGS OF SURETYSHIP----

and to bind the UNITED PACIFIC INSURANCE COMPANY thereby as fully and to the same extent as if such bonds and undertakings and other writings obligatory in the nature thereof were signed by an Executive Officer of the UNITED PACIFIC INSURANCE COMPANY and sealed and attested by one other of such officers, and hereby ratifies and confirms all that its said Attorney(s)-in-Fact may do in pursuance hereof.

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

### ARTICLE VII - EXECUTION OF BONDS AND UNDERTAKINGS

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

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

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

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

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

IN WITNESS WHEREOF, the UNITED PACIFIC INSURANCE COMPANY has caused these presents to be signed by its Vice President, and its corporate seal to be hereto affixed, this 1st day of March 19 82.



UNITED PACIFIC INSURANCE COMPANY

*Charles B. Schmalz*

Vice President

STATE OF Washington }  
COUNTY OF King } ss.

On this 1st day of March 19 82, personally appeared Charles B. Schmalz

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

My Commission Expires:

June 12 1982



*Nancy Stearnes*

Notary Public in and for State of Washington

Residing at Tacoma

Charles J. Falskow

Assistant Secretary of the UNITED PACIFIC INSURANCE COMPANY, do hereby certify that the 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 MAY 19 87



Assistant Secretary *Charles J. Falskow*

# LIABILITY INSURANCE

is Certificate of insurance neither affirmatively nor negatively  
ends, extends or alters the coverage, limits, terms or conditions  
he policies it certifies.)

ORIGINAL

*Original file copy  
fill, copy file #4*  
**CIGNA**  
COMPANY CODES

is Certify to

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

*ACT 007017*

*Bill - FUI*

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

FOLD

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

Including Mountain Coal Company and ARCO Coal Company

TYPE OF POLICY	HAZARDS CODE	POLICY NUMBER	POLICY PERIOD	LIMITS OF LIABILITY
<b>(b) Standard Workmen's Compensation &amp; Employers' Liability</b>	<input type="checkbox"/>	<input type="checkbox"/>		\$ Statutory W. C. One Accident and Aggregate Disease
<b>(b) General Liability</b> Premises—Operations (including "Incidental Contracts" as defined below)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ISL G1 519134-A	\$*See Below Each Person Each { <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence
Independent Contractors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Completed Operations/Products	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Contractual, (Specific type as described in footnote below)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<b>Property Damage</b> Premises—Operations (Including "Incidental Contracts" as defined below)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ISL G1 519134-A	\$*See Below Each { <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence
Independent Contractors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Completed Operations/Products	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Contractual, (Specific type as described in footnote below)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<b>(c) Automobile Liability</b> Owned Automobiles	<input type="checkbox"/>	<input type="checkbox"/>		\$ Each Person 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"/>		
<b>Property Damage</b> Owned 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"/>		
<b>(d) ** INCLUDES "XCU" COVERAGE</b>				* \$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  
 purchase order agreements } between the Insured and:  
 all contracts

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

NAME OF OTHER PARTY \_\_\_\_\_ DATE (if applicable) \_\_\_\_\_ CONTRACT NO. (if any) \_\_\_\_\_

**DESCRIPTION (OR JOB)**  
Gordon Creek #3 and #6 Mines INA/007/017

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

# **WATER MONITORING**

FIGURE 7-5  
 SURFACE WATERING PROGRAM  
 GORDON CREEK NOS. 3 & 6 MINES

STATION	LOCATION	TYPE	FREQUENCY	FLOW DEVICE	RESULTS TO:	REMARKS
*3-1-W	Coal Canyon above #3 mine sed. ponds	Ephemeral Stream	Quarterly	Wier	DOGM, OSM	Below No.3/6 Mine Reclaimed Area
3-2-W	Coal Canyon below sed. pond	Discharge	2/mon. (per NPDES Permit)	Wier	DOGM, OSM,	Also monitored for EPA as per NPDES permit
<del>3-3-W</del> N/A	Underground	Ground Water	Quarterly	Wier or flowmeter	DOGM, OSM	No longer accessible
3-4-W	Coal Canyon above #3 mine site (main fork)	Ephemeral Stream	Quarterly	Wier	DOGM, OSM	Water undis- turbed drainage

\*Stipulation 817.52 (2)



# **BLACKHAWK ENGINEERING, CO.**

Rt. 1, Box 146-H5 - Helper, Utah 84526 - Telephone (801) 637-2422

January 29, 1993

Ms. Pamela Grubaugh-Littig  
Utah Division of Oil, Gas & Mining  
355 West North Temple  
#3 Triad Center, Suite 350  
Salt Lake City, Utah 84190-1203

Dear Ms. Littig:

Enclosed are the results of the Mountain Coal company water monitoring for the fourth quarter of 1992.

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

Respectfully,

Dan W. Guy  
President

DWG/cr

Enclosures

cc: Kathy Welt  
File 4-E-2-1  
WTRMON

E.I.S. Hydrology  
Field Measurements Form

Date 4/17/92

Station # 3-HW

Company M&E Coal

Time 11:00

Flow/Depth 0

pH \_\_\_\_\_

Specific Conductivity \_\_\_\_\_

Water Temperature \_\_\_\_\_

Air Temperature \_\_\_\_\_

Dissolved Oxygen \_\_\_\_\_

Type: Spring \_\_\_\_\_ Stream  Well \_\_\_\_\_ Discharge \_\_\_\_\_ NPDES \_\_\_\_\_

Collection Point \_\_\_\_\_

Appearance of Water: Clear \_\_\_\_\_ Milky \_\_\_\_\_ Cloudy \_\_\_\_\_ Opaque \_\_\_\_\_

Quality Sample Taken: Yes \_\_\_\_\_ No

Pump Reading \_\_\_\_\_

Comments \_\_\_\_\_

Field Monitor [Signature]

When Sample or Measurements Not Taken:

Reason: \_\_\_\_\_

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

**WATER MONITORING REPORT**

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

Field Measurements	Date Sampled				Mean
	02/26/92	05/06/92	08/26/92	12/07/92	
Flow [gpm]	N/A	DRY	DRY	DRY	DRY
PH					
Sp. Cond. [ohms]					
Temp. [C]					
Diss. O [ppm]					

**Lab. Meas. [mg/l]**

TDS

TSS

O & G

Al CaCO3

Hd CaCO3

Ac CaCO3

HCO3

CO3

Cl

SO4

Ca

Mg

K

Na

Cat/An

Fe

Mn

E.I.S. Hydrology  
Field Measurements Form

Date 10/22/92

Station # 3-SW

Company M Coal

Time 11:40

Flow/Depth D

pH \_\_\_\_\_

Specific Conductivity \_\_\_\_\_

Water Temperature \_\_\_\_\_

Air Temperature \_\_\_\_\_

Dissolved Oxygen \_\_\_\_\_

Type: Spring \_\_\_ Stream \_\_\_ Well \_\_\_ Discharge  NPDES \_\_\_

Collection Point Outfall from Pond #3 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: \_\_\_\_\_

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

E.I.S. Hydrology  
Field Measurements Form

Date 11/17/92

Station # 3-200

Company M. L. Coak

Time 11:15

Flow/Depth D

pH \_\_\_\_\_

Specific Conductivity \_\_\_\_\_

Water Temperature \_\_\_\_\_

Air Temperature \_\_\_\_\_

Dissolved Oxygen \_\_\_\_\_

Type: Spring \_\_\_\_\_ Stream \_\_\_\_\_ Well \_\_\_\_\_ Discharge  NPDES \_\_\_\_\_

Collection Point Outflow

Appearance of Water: Clear \_\_\_\_\_ Milky \_\_\_\_\_ Cloudy \_\_\_\_\_ Opaque \_\_\_\_\_

Quality Sample Taken: Yes \_\_\_\_\_ No

Pump Reading \_\_\_\_\_

Comments \_\_\_\_\_

Field Monitor J. M. Coak

When Sample or Measurements Not Taken:

Reason: D

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

E.I.S. Hydrology  
Field Measurements Form

Date 12/11/92

Station # ~~12~~ 3-SW

Company M Coal

Time 10:15

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 J. G. [Signature]

When Sample or Measurements Not Taken:

Reason: D

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

**WATER MONITORING REPORT**

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

Field Measurements	01/06/92	02/26/92	03/30/92	04/08/92	05/06/92	06/09/92	07/08/92	08/26/92	09/23/92	10/22/92	11/17/92
--------------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Flow [gpm]	DRY	N/A	N/A	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



E.I.S. Hydrology  
Field Measurements Form

Date 4/17/95 Station # 3-46

Company M Coal

Time 11:40

Flow/Depth D

pH \_\_\_\_\_

Specific Conductivity \_\_\_\_\_

Water Temperature \_\_\_\_\_

Air Temperature \_\_\_\_\_

Dissolved Oxygen \_\_\_\_\_

Type: Spring \_\_\_ Stream  Well \_\_\_ Discharge \_\_\_ NPDES \_\_\_

Collection Point Clear Dug

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

Field Measurements	Date Sampled				Mean
	02/26/92	05/06/92	08/26/92	11/17/92	
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

**U.P.D.E.S.**

**DISCHARGE DATA**



# **BLACKHAWK ENGINEERING, CO.**

Rt. 1, Box 146-H5 - Helper, Utah 84526 - Telephone (801) 637-2422

January 29, 1993

Mr. Donald A Hilden, PH.D., Chief  
Permits and Compliance Section  
Bureau of Water Pollution Control  
Utah Division of Environmental Health  
288 North 1460 West  
P.O. Box 16690  
Salt Lake City, Utah 84116-0690

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 are on the preprinted DMRs provided by the State of Utah, and cover the fourth quarter of 1992.

Please note that the Trail Mountain Mine has been sold to Pacificorp and permit UTG04003 has been transferred to them.

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

Respectfully,

Dan W. Guy  
President

Enclosures

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

DWG/cr



# **BLACKHAWK ENGINEERING, CO.**

Rt. 1, Box 146-H5 - Helper, Utah 84526 - Telephone (801) 637-2422

January 29, 1993

Ms. Donna Franklin  
U.S.E.P.A., Region VIII  
999 18th Street  
Denver, Place - Suite 500      WM-C  
Denver, CO 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 are on the preprinted DMRs provided by the State of Utah, and cover the fourth quarter of 1992.

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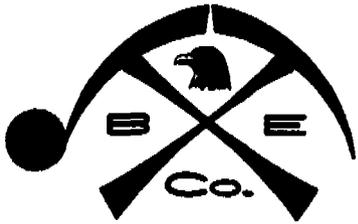
Respectfully,

Dan W. Guy  
President

Enclosures

cc: Kathy Welt

DWG/cr



# **BLACKHAWK ENGINEERING, CO.**

Rt. 1, Box 146-H5 - Helper, Utah 84526 - Telephone (801) 637-2422

January 29, 1993

Mr. Lowell Braxton, Administrator  
Utah Division of Oil, Gas & Mining  
355 West North Temple  
#3 Triad Center, Suite 350  
Salt Lake City, Utah 84190-1203

Dear Mr. Braxton:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040004, UTG040005, UTG040014 and UTG040015. These reports are on the pre-printed DMRs provided by the State of Utah, and cover the fourth quarter of 1992.

Please note that the Trail Mountain Mine has been sold to Pacificorp and permit UTG04003 has been transferred to them.

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

Respectfully,

Dan W. Guy  
President

DWG/cr

Enclosures

cc: Kathy Welt  
File



# ENVIRONMENTAL INDUSTRIAL SERVICES

4855 N. Spring Glen Rd., Spring Glen, UT 84526 - Telephone (801) 472-3814 - FAX (801) 472-8780

January 22, 1993

Utah Department of Health  
Bureau of Water Pollution Control  
288 North 1460 West, P.O. Box 16690  
Salt Lake City, Utah 84116-0690

Re: New UNPDES Forms

Dr. Hilden:

Please find enclosed the fourth quarter, 1992 UNPDES for Mountain Coal (Beaver Creek).

As of this date, Mt. Coal has <sup>one</sup> ~~no~~ active property in Utah and subsequently, we would like to order new pre-printed UNPDES forms reflecting this change.

The new forms need to be changed as follows:

Name: Mountain Coal Co.  
Address: P.O. Box 591  
Somerset, CO 81434

ATTN: Kathleen Welt

The property locations are as follows:

	<u>Permit #</u>	<u>Discharge #</u>	<u>Location</u>
#2 & 7 Mine	UTG040004	001 A	Gordon Creek
#4 Mine	UTG040015	001 A	Huntington-Mill Fork
(Active) CV Spur	UTG040005	001 A	CV Spur
#3 & 6 Mine	UTG040014	001 A	Coal Canyon

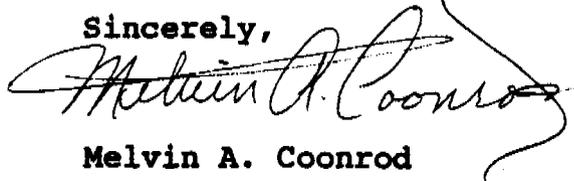
Since our firm, E.I.S. will continue to monitor the locations and fill out the forms, would you please direct the new forms and your correspondence to our new address.

E.I.S.  
4855 N. Spring Glen Road  
Helper, Utah 84526

ATTN: Melvin A. Coonrod

If you have any questions please feel free to call at 801 472-3814.

Sincerely,

A handwritten signature in cursive script that reads "Melvin A. Coonrod". The signature is written in dark ink and is positioned above the printed name.

Melvin A. Coonrod

MC/njc

cc: Dan W. Guy, Mt. Coal Co.

PERMITTEE NAME AND ADDRESS (Include Facility Name/Location if different)  
**NAME** BEAVER CREEK COAL  
**ADDRESS** P.O. BOX 1378  
**PRICE** **UT 84501**

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

**UTG040014**  
 PERMIT NUMBER

**001 A**  
 DISCHARGE NUMBER

MINOR

Form Approved.  
 OMB No. 2040-0004.  
 Approval expires 6-30-91.

F - FINAL  
 OUTFALL FROM SED. POND

**FACILITY**  
**LOCATION**  
**ATTN: DAN W. GUY, MANAGER**

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	92	10	01		92	12	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

\*\*\* NO DISCHARGE |X| \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW RATE				( 07 )	*****	*****	*****	( )			
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT	30 DA AV DAILY MK GPD	*****	*****	*****	****		ONCE/GRAB MONTH	
P.H.	SAMPLE MEASUREMENT	*****	*****	( )		*****		( 12 )			
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*** ****	6.5 DAILY MK	*****	9.0 DAILY MK	50		ONCE/GRAB MONTH	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	( )	*****			( 19 )			
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*** ****	*****	25 30 DA AV	70 DAILY MK	MG/L		ONCE/GRAB MONTH	
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****	( )	*****	*****		( 25 )			
00545 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*** ****	*****	*****	0.5 DAILY MK	ML/L		ONCE/GRAB MONTH	
OIL AND GREASE FROM EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****	( )	*****	*****		( 19 )			
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*** ****	*****	*****	10 DAILY MK	MG/L		ONCE/GRAB MONTH	
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****	( )	*****	*****		( 19 )			
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*** ****	*****	*****	2.0 DAILY MK	MG/L		ONCE/GRAB MONTH	
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	*****	*****	( 26 )	*****	*****		( 19 )			
70295 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*** ****	*****	*****	REPORT DAILY MK	MG/L		ONCE/GRAB MONTH	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE 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.)							TELEPHONE	DATE		
Kathleen Welt Environmental Supervisor								303 929 5015	92	01	29
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR

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

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

**Mountain Coal Company**

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)



October 30, 1992

Mr. Donald A Hilden, PH.D., Chief  
Permits and Compliance Section  
Bureau of Water Pollution Control  
Utah Division of Environmental Health  
288 North 1460 West  
P.O. Box 16690  
Salt Lake City, Utah 84116-0690

Dear Mr. Hilden:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040003, UTG040004, UTG040005, UTG040014 and UTG040015. These reports are on the preprinted DMRs provided by the State of Utah, and cover the third quarter of 1992.

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

Respectfully,

Dan W. Guy  
Manager Permitting/Compliance

DWG/cr

Enclosures

cc: Donna Franklin, E.P.A.  
Lowell Braxton, UDOGM  
File

**Mountain Coal Company**

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October 30, 1992

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

Dear Ms. Franklin:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040003, UTG040004, UTG040005, UTG040014 and UTG040015. These reports are on the preprinted DMRs provided by the State of Utah, and cover the third quarter of 1992.

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

Respectfully,

A handwritten signature in cursive script, appearing to read "Dan W. Guy".

Dan W. Guy  
Manager Permitting/Compliance

DWG/cr

Enclosures

**Mountain Coal Company**

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October 30, 1992

Mr. Lowell Braxton, Administrator  
Utah Division of Oil, Gas & Mining  
355 West North Temple  
#3 Triad Center, Suite 350  
Salt Lake City, Utah 84190-1203

Dear Mr. Braxton:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040003, UTG040004, UTG040005, UTG040014 and UTG040015. These reports are on the pre-printed DMRs provided by the State of Utah, and cover the third quarter of 1992.

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

Respectfully,

A handwritten signature in black ink, appearing to read "Dan W. Guy". The signature is fluid and cursive, with a large initial "D" and "G".

Dan W. Guy  
Manager Permitting/Compliance

DWG/cr

Enclosures

PERMITTEE NAME: BEAR CREEK COAL  
 ADDRESS: P.O. BOX 1378  
 PRICE: UT 84501  
 FACILITY: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 ATTN: DAN W. GUY, MANAGER

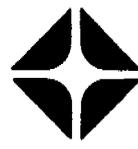
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)  
 (2-16) (17-19)  
 UTG040014 (PERMIT NUMBER)  
 001 A (DISCHARGE NUMBER)  
 MINOR  
 F - FINAL  
 OUTFALL FROM SED. POND  
 MONITORING PERIOD  
 FROM 92 07 01 TO 92 09 30  
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)  
 \*\*\* NO DISCHARGE \*\*\*  
 NOTE: Read instructions before completing this form.

Form Approved  
 OMB No. 2040-0004  
 Approval expires 6-30-91.

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 30 DA AV	REPORT DAILY MX	GPD	*****	*****	***** ***		ONCE/ MONTH	MEASRD
PH	SAMPLE MEASUREMENT	*****	*****	( )		*****	( 12 )			
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.5 DAILY MX	*****	9.0 DAILY MX SU		TWICE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	( )	*****		( 19 )			
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	25 30 DA AV	70 DAILY MX MG/L		ONCE/ MONTH	GRAB
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****	( )	*****	*****	( 25 )			
00545 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5 DAILY MX ML/L		ONCE/ MONTH	GRAB
OIL AND GREASE	SAMPLE MEASUREMENT	*****	*****	( )	*****	*****	( 19 )			
PREON EXTR-GRAV METH	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10 DAILY MX MG/L		ONCE/ MONTH	GRAB
00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	( )	*****	*****	( 19 )			
IRON, TOTAL (AS FE)	PERMIT REQUIREMENT	*****	*****	***	*****	*****	2.0 DAILY MX MG/L		ONCE/ MONTH	GRAB
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/ MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  Dan W. Guy Chief Engineer  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.)	TELEPHONE  801 637-7742 AREA CODE NUMBER	DATE		
			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  <i>Dan W. Guy</i>		

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



**Mountain Coal Company**  
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)

July 30, 1992

Mr. Donald A Hilden, PH.D., Chief  
Permits and Compliance Section  
Bureau of Water Pollution Control  
Utah Division of Environmental Health  
288 North 1460 West  
P.O. Box 16690  
Salt Lake City, Utah 84116-0690

Dear Mr. Hilden:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040003, UTG040004, UTG040005, UTG040014 and UTG040015. These reports are on the preprinted DMRs provided by the State of Utah, and cover the second quarter of 1992.

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

Respectfully,

Dan W. Guy  
Manager Permitting/Compliance

DWG/cr

Enclosures

cc: Donna Franklin, E.P.A.  
Lowell Braxton, UDOGM  
File

**Mountain Coal Company**

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July 30, 1992

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

Dear Ms. Franklin:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040003, UTG040004, UTG040005, UTG040014 and UTG040015. These reports are on the preprinted DMRs provided by the State of Utah, and cover the second quarter of 1992.

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

Respectfully,

A handwritten signature in cursive script that reads "Dan W. Guy". The signature is written in black ink and is positioned above the typed name.

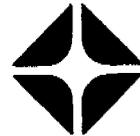
Dan W. Guy  
Manager Permitting/Compliance

DWG/cr

Enclosures

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July 30, 1992

Mr. Lowell Braxton, Administrator  
Utah Division of Oil, Gas & Mining  
355 West North Temple  
#3 Triad Center, Suite 350  
Salt Lake City, Utah 84190-1203

Dear Mr. Braxton:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040003, UTG040004, UTG040005, UTG040014 and UTG040015. These reports are on the pre-printed DMRs provided by the State of Utah, and cover the second quarter of 1992.

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

Respectfully,

Dan W. Guy  
Manager Permitting/Compliance

DWG/cr

Enclosures

PERMITTEE NAME: BEAVER CREEK COAL  
 ADDRESS: P.O. BOX 1378  
 PRICE: UT 84501

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

UTG040014  
 PERMIT NUMBER

001 A  
 DISCHARGE NUMBER

MINOR

Form Approved  
 OMB No. 2040-0004  
 Approval expires 6-30-91.

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	92	04	01		92	06	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

F - FINAL  
 OUTFALL FROM SED. POND

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

FACILITY: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 ATTN: DAN W. GUY, MANAGER

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 30 DA AV	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 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	25	70		ONCE/ GRAB MONTH	
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****	( )	*****	*****	30 DA AV		ONCE/ GRAB MONTH	
00545 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5		ONCE/ GRAB MONTH	
OIL AND GREASE	SAMPLE MEASUREMENT	*****	*****	( )	*****	*****				
FREON EXTR-GRAY METH	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10		ONCE/ GRAB MONTH	
00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	( )	*****	*****	DAILY MX		ONCE/ GRAB MONTH	
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****	( )	*****	*****				
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	2.0		ONCE/ GRAB MONTH	
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	*****		( 26 )	*****	*****				
70295 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	3000	DAILY MX LBS/DY	*****	*****	REPORT DAILY MX		ONCE/ GRAB MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Dan W. Guy  
 Chief Engineer  
 TYPED OR PRINTED

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

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

TELEPHONE: 801 637-7742  
 DATE: 92 07 15  
 AREA CODE: 801 NUMBER: 637-7742 YEAR: 92 MO: 07 DAY: 15

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

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



**Mountain Coal Company**  
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)

April 29, 1992

Mr. Donald A Hilden, PH.D., Chief  
Permits and Compliance Section  
Bureau of Water Pollution Control  
Utah Division of Environmental Health  
288 North 1460 West  
P.O. Box 16690  
Salt Lake City, Utah 84116-0690

Dear Mr. Hilden:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers UTG040003, UTG040004, UTG040005, UTG040014 and UTG040015. These reports are on the preprinted DMRs provided by the State of Utah, and cover the first quarter of 1992.

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

Respectfully,

Dan W. Guy  
Manager Permitting/Compliance

DWG/cr

Enclosures

cc: Donna Franklin, E.P.A.  
Lowell Braxton, UDOGM  
File

**Mountain Coal Company**

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April 29, 1992

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

Dear Ms. Franklin:

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Respectfully,

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Manager Permitting/Compliance

DWG/cr

Enclosures

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April 29, 1992

Mr. Lowell Braxton, Administrator  
Utah Division of Oil, Gas & Mining  
355 West North Temple  
#3 Triad Center, Suite 350  
Salt Lake City, Utah 84190-1203

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Respectfully,

A handwritten signature in black ink, appearing to read "Dan W. Guy". The signature is fluid and cursive, with a prominent loop at the end.

Dan W. Guy  
Manager Permitting/Compliance

DWG/cr

Enclosures



# ENVIRONMENTAL INDUSTRIAL SERVICES

P.O. Box 358 - Desert Lake Road - Elmo, Utah 84521 - Telephone (801) 653-2606

---

April 29, 1992

Mr. Dan Guy  
Permitting and Compliance  
Mountain Coal Company  
P.O. Box 1378  
Price, Utah 84501

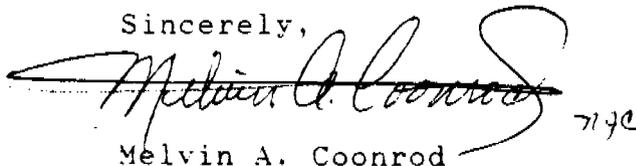
RE: NPDES Discharge Points  
Mt. Coal Properties

Dear Mr. Guy:

During the first quarter of 1992, no discharge was recorded for any of the discharge points on the Mountain Coal Properties.

If you have any questions, please feel free to call me at 801 653-2606.

Sincerely,

  
Melvin A. Coonrod

MC/njc

# POND INSPECTIONS

POND INSPECTION REPORT

POND: #396

LOCATION: Carl Larson

<u>ITEM</u>	<u>REMARKS</u>
(1) Potential Safety Hazards	<u>None</u>
(2) Slope Stability	<u>Stable</u>
(3) Erosion	<u>Minor evidence of slope use</u>
(4) Construction and Maintenance Performance Standards	<u>Shops have had the veg hand.</u>
(5) Recommendations/Comments	<u>No Discharge - Pond has 10" water in lower 1/2</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.

J. M. P. Benson

11/17/93  
Date

E.I.S Hydrology  
Pond Inspection Report

POND: 3-6

LOCATION: Coal Canyon

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>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 9/6/92

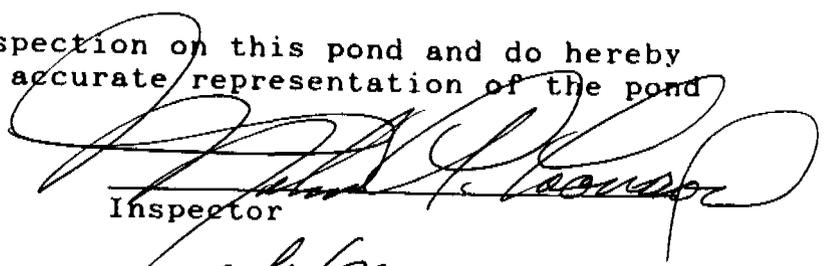
E.I.S Hydrology  
Pond Inspection Report

POND: 4356

LOCATION: Coal Run

<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 - lower cell Dry - upper cell 6" width - 30%</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.

  
Inspector  
8/6/92  
Date

E.I.S Hydrology  
Pond Inspection Report

POND: #3-16

LOCATION: Coal Canyon

ITEM	REMARKS
(1) Potential Safety Hazards	<u>None</u>
(2) Slope Stability	<u>Stable</u>
(3) Erosion	<u>None on site - evidence 10" from base</u>
(4) Construction and Maintenance Performance Standards	<u>Good -</u>
(5) Recommendations/Comments	<u>lower cell - 19" - to top of Chan, upper cell - 10" from hole in pipe</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 ~~12/15/92~~ - 1/6/93

**SUBSIDENCE  
SURVEY**

R.D.N. SURVEYING  
1315 HIGHLAND COURT  
BOULDER CITY, NEVADA 89005  
(702) 293-4913

November 30, 1992

Dan Guy  
Beaver Creek Coal Company  
P.O. Box 1378  
Price, Utah 84501

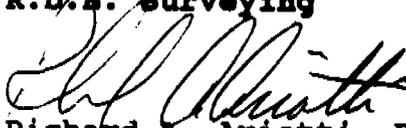
Dear Mr. Guy:

Enclosed are copies of field notes, coordinates, and elevations of the subsidence survey at the Gordon Creek No. 2, No. 3, No. 6, No. 7 and No. 8 mines.

There was no significant amount of movement in any of the monitoring points. I am enclosing a list using your format for comparison of the elevations, latest change and accumulated change.

If I can be of any further assistance, please do not hesitate to call.

Sincerely yours,  
R.D.N. Surveying

  
Richard A. Ariotti, R.L.S.

SUBSIDENCE MONITORING  
GORDON CREEK #3 & #6 MINES

STATION	ORIG. ELEV.	SURVEY ELEV.							CHANGES	
	7/30/86	11/3/86	8/29/87	10/9/88	10/15/89	10/13/90	9/29/91	10/11/92	LATEST	ACC.
"O"	7577.760	7577.760	7577.760	7577.760	7577.760	7577.760	7577.760	7577.760		
"N"	7892.180	7892.180	7892.180	7892.180	7892.180	7892.180	7892.180	7892.180		
Sub-1	8269.400	8269.410	8269.412	8269.481	8269.423	8269.327	8269.319	8269.345	0.026	-0.055
Sub-2	8107.430	8107.403	7107.412	8107.390	8107.334	8107.284	8107.229	8107.190	-0.039	-0.240
Sub-3	8502.610	8502.569	8502.566	8502.614	8502.736	8502.490	8502.545	8502.498	-0.047	-0.112
Sub-4	8308.500	8308.494	8308.534	8308.592	8308.575	8308.443	8308.437	8308.631	0.194	0.051
Sub-5	8512.470	8512.390	8512.383	8512.548	8512.414	8512.406	8512.222	8512.176	-0.046	-0.294
Sub-6	8412.570	8412.530	8412.483	8412.714	8412.572	8412.549	8412.464	8412.270	-0.194	-0.300

J : BEAVER

Point	Quad	Direction	Distance	Northing	Easting	Elevation
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1992 BEAVER CREEK NO. 3 & NO. 6 MINE SUBSIDENCE SURVEY

Start	98	"N"		495981.440	2133510.090	7892.180
RI	439	SW 81 22 24	2137.724	from Base Point 98	2131396.551	377.165
		SUB-1 1992		495660.793	2131396.551	8269.345
RI	440	NW 77 08 55	1740.571	from Base Point 98	2131813.119	215.010
		SUB-2 1992		496368.581	2131813.119	8107.190
RI	438	NW 64 08 38	3077.665	from Base Point 98	2130740.522	610.318
		SUB-3 1992		497323.644	2130740.522	8502.498
RI	437	NW 46 27 45	3246.020	from Base Point 98	2131156.976	416.451
		SUB-4 1992		498217.395	2131156.976	8308.631
RI	436	NW 56 14 32	3458.035	from Base Point 98	2130635.097	619.996
		SUB-5 1992		497903.008	2130635.097	8512.176
Exit Radial Inverse, resume at point	98	"N"		495981.440	2133510.090	7892.180

Start	436	SUB-5 1992		497903.008	2130635.097	8512.176
IN	1	NW 18 34 53	1333.369			-99.906
		SUB-6 1992		499166.871	2130210.218	8412.270

SUBSIDENCE INVENTORY REPORT

Mountain Coal Company #2, #7, #8, And #3 & #6 Mines

Mountain Coal Company  
P.O. Box 591  
Somerset, CO 81434

Prepared by:

Environmental Industrial Services  
4855 N. Spring Glen Road  
Helper, Utah 84526

October 8, 1992

## SUBSIDENCE INVENTORY REPORT

Mountain Coal Company - #2, 7, 8, And #3 & #6 Mines

### SCOPE

On September 10, 1992, M.A. Coonrod and R. Bohn of Environmental Industrial Services conducted a subsidence inventory above the portal areas of #2, #7, and #8, and #3 & #6 Mines. The purpose of the inventory was to identify surface disturbance which could be attributed to subsidence. In conjunction with surface disturbance all known springs, seeps and surface waters not being monitored were checked in order to determine if mining had adversely impacted any of the existing aquifers.

### METHODOLOGY

A cursory foot inventory was conducted by transversing the terrain at approximately 300' intervals parallel to the slope. Evidence of subsidence was noted on Plate 1-1 of the 1991 Surveys. These tension fractures and abrupt changes in elevation or sump areas were rechecked and the rate of heal and/or closure were noted. All known aquifers, stock ponds, or streams were checked. Flow or static levels were compared to historic data to determine if there were adverse impacts.

## FINDINGS

No subsidence was observed above the #2 or #7 mine areas. No adverse impacts to aquifers was observed on the entire survey area. The area directly above the #8 mine portals that showed considerable evidence of subsidence in 1991 was almost totally healed and vegetated.

The sump area measuring approximately 450' by 150' with an elevation drop of between 6" to 30' was rechecked as well as the tension fractures varying from 0" to 18' in width and to a depth of 6" to 36" in 1991. These areas were almost impossible to locate and appeared to have largely healed. The vegetation was rapidly closing the fractures and appeared to be no significant threat to wildlife or domestic stock.

No man-made structures are located within the area of subsidence with the possible exception of an old drill-hole access road along the ridge. This road appeared to be abandoned and in such disrepair that the slight change in elevation caused by subsidence would not be a deterrent to travel in a 4-wheel drive vehicle.

## RECOMMENDATIONS

No remedial action is warranted. Any work to close fracture or correct slumps would result in considerable more disturbance than is presently in evidence and thus would be a greater impact than what presently exists. The majority of the surface disturbance is self-healing. The balance will result in minor topographic changes of no significance.

The reclaimed 3 & 6 Mine area was also inventoried with no new evidence of subsidence. The old slump area above the #3 Mine Entry Portal is totally slumped in and fully revegetated.

**VEGETATION  
MONITORING**



# ENVIRONMENTAL INDUSTRIAL SERVICES

4855 N. Spring Glen Rd., Spring Glen, UT 84526 - Telephone (801) 472-3814 - FAX (801) 472-8780

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March 31, 1993

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

Re: Qualitative Survey, 1992  
Vegetation #3 & 6 Mine

Dear Mr. Guy:

On July 13th 1992, a cursory survey was conducted at the #3 & #6 Mine property. The results of that survey are as follows:

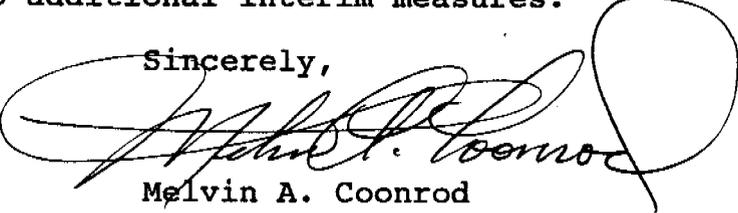
Overall, the property was in good to excellent condition with a high degree of success both in percent vegetative cover as well as species diversity and woody plant density. There is some invasion of weed primarily thistle, however, it did not appear to be of a rhizominous nature and as such should not jeopardize the existing vegetation.

There was evidence of trespass grazing by sheep in the small enclosure associated with the sediment pond. This area was heavily grazed and trampled, however, the vegetation is well established and will most likely not suffer long term damage.

The riparian area along the reconstructed channel is in excellent condition even considering a 3 year drought scenario.

Overall, I feel the site should be protected from domestic grazing but requires no additional interim measures.

Sincerely,



Melvin A. Coonrod

**ANNUAL  
IMPOUNDMENT  
CERTIFICATIONS**

MOUNTAIN COAL COMPANY  
1992 ANNUAL POND INSPECTION REPORT

POND: SED. POND

LOCATION: G.C. 3/6 MINES

IMPOUNDMENTS

(1) Stability	<u>Slopes Stable.</u>
(2) Structural Weakness/Erosion	<u>Vegetated.</u>
(3) Potential Safety Hazards	<u>None Noted.</u>
(4) Depth of Impounded Water	<u>12" in Upper Cell.</u>
(5) Existing Storage Capacity	<u>Lower Cell Dry.</u>
(6) Monitoring Procedures	<u>3.48 Ac. Ft.</u>
	<u>Quarterly Inspection.</u>
	<u>U.P.D.E.S. Discharge.</u>

SEDIMENT PONDS ONLY

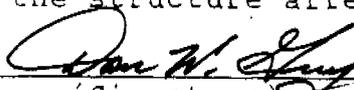
(7) Sediment Accumulation (Elev.)	<u>7509.8 (U) 7508.0 (L)</u>
(8) Sediment Cleanout Level (Elev.)	<u>7510.5 (U) 7509.5 (L)</u>
(9) Principle Spillway (Elev.)	<u>- 7516.0 (L)</u>
(10) Emergency Spillway (Elev.)	<u>- 7518.0 (L)</u>
(11) Existing Sediment Capacity (To Cleanout)	<u>0.97 Ac. Ft.</u>

GENERAL

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

STATEMENT

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

  
(Signature)

10-27-92  
(Date)

