

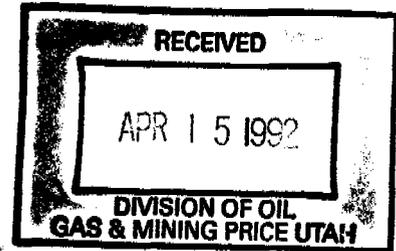
**MOUNTAIN COAL COMPANY**  
**1991 ANNUAL REPORT**  
**GORDON CREEK NO. 2/7/8 MINES**

**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 8, 1992



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

Re: 1991 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 1991 for the Gordon Creek No. 2/7/8 Mines.

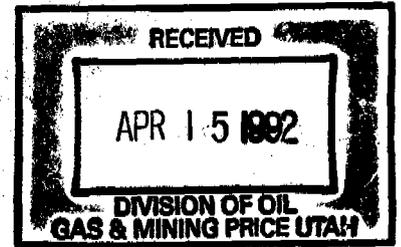
If you have any questions or need any further information, please let me know.

Respectfully,

Dan W. Guy,  
Manager, Permitting & Compliance

DWG/cr

cc: Rick Parkins  
Johnny Coffey



**MOUNTAIN COAL COMPANY**  
**1991 ANNUAL REPORT**  
**GORDON CREEK NO. 2/7/8 MINES**

**Mountain Coal Company**

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Post Office Box 1378  
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Telephone 801 637-5050 (Price Office)  
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April 8, 1992

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

Re: 1991 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 1991 for the Gordon Creek No. 2/7/8 Mines.

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

Respectfully,

Dan W. Guy,  
Manager, Permitting & Compliance

DWG/cr

cc: Rick Parkins  
Johnny Coffey



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangert  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

March 27, 1992

Mr. Dan Guy, Manager  
Mountain Coal Company  
P.O. Box 1378  
Price, Utah 84501

Dear Mr. Guy:

Re: Extension Granted. Annual Reports, Gordon Creek #2, #7, and #8 Mine, ACT/007/016, Gordon Creek #3 and #6 Mine, ACT/007/017, C.V. Spur Loadout and Processing Facility, ACT/007/022, Huntington #4 Mine, ACT/015/004, Trail Mountain Mine, ACT/015/009, Folder #3, Carbon and Emery County, Utah

An extension is granted per your verbal request for submittal of the annual reports for the above-noted coal mining and reclamation operations until April 15, 1992.

Sincerely,

Pamela Grubaugh-Littig  
Permit Supervisor

COAL MINING AND RECLAMATION OPERATIONS FOR 1991

(Must be submitted to the Division by March 31, 1992)

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 1378, Price, Utah 84501

**Company Representative:** Dan W. Guy

**Resident Agent:** Dan W. Guy

**Permit Number:** ACT/007/016 (Inactive)

**MSHA ID Number:** N/A

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

**Date of Permit Renewal:** 9/12/91 (Expires 8/28/94)

**Quantity of Coal Mined (tonnage) 1991:** N/A (Mine closed 11/90)

**Attach Updated Mine Sequence Map** N/A  
(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. 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 1991
  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
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 (R614-301-525.300)

**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
4. Describe any seeding done on site during the current year

**E. Annual Impoundment Certification, (R614-301-514.312) 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
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
  - iii. Analytical method(s) employed and references. Include the soil/spoil: water ratio.
4. Summary of findings based on monitoring

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

jbe  
A:/Annual

PERMIT

FEDERAL

PERMIT  
ACT/007/016

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/007/016, 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. Mountain Coal Company is the lessee of federal coal (U-8319 and U-53159) and private fee coal within the permit area. 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 underground coal mining 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

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
- 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 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** - This permit becomes effective on September 12, 1991, and expires on August 28, 1994.
- 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.

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: 

Date: 9-12-91

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: 10/15/91



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

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

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

August 28, 1989

Mr. Richard D. Pick, President  
Mountain Coal Operations  
Beaver Creek Coal Company  
P. O. Box 1378  
Price, Utah 84501

*Dick*  
Dear Mr. Pick:

Re: State Permit and Decision Package, Five-Year Permit  
Renewal, Beaver Creek Coal Company, Gordon Creek #2, #7,  
and #8 Mines, ACT/007/022, Folder #3, Carbon County, Utah

Enclosed are two State Permits and a Decision Package for the Gordon Creek #2, #7 and #8 Mines Five-Year Permit Renewal. Please read the Stipulations in Attachment A of the State Permit, then sign both State Permits and return one to the Division.

Your staff's cooperation during the permitting process has been appreciated.

Best regards,

*Dianne*  
Dianne R. Nielson  
Director

RVS/djh  
Enclosure  
cc: P. Rutledge, OSM-Denver  
R. Hagen, OSMRE-Albq.  
AT8/90

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 (DOGM) to:

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

for the Gordon Creek #2, #7 and #8 Mines. Beaver Creek Coal Company is the lessee of federal coal and private fee coal within the permit area. A performance bond is filed with the DOGM in the amount of \$641,443.00, payable to the state of Utah, Division of Oil, Gas and Mining and the Office of Surface Mining, Reclamation and Enforcement (OSMRE). DOGM 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 (as shown on the map appended as Attachment B) within the permit area at the Gordon Creek #2, #7 and #8 Mines, situated in the state of Utah, Carbon County, and located:

Township 13 South, Range 7 East, SLBM, Utah

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
Section 24:	N1/2 NE1/4, NE1/4 NW1/4

Sec. 2 PERMIT AREA (Cont'd.)

Township 13 South, Range 8 East, SLBM, Utah

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  
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 (as shown on Attachment B) of the Gordon Creek #2, #7 and #8 Mines. 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 PERMIT TERM - This permit becomes effective on August 28, 1989 and expires on August 28, 1994.

Sec. 4 ASSIGNMENT OF PERMIT RIGHTS - The permit rights may not be transferred, assigned or sold without the approval of the Director, DOGM. 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 UMC 788.17-.19.

Sec. 5 RIGHT OF ENTRY - The permittee shall allow the authorized representative of the DOGM, including but not limited to inspectors, and representatives of OSMRE, 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, UMC 840.12, 30 CFR 842.13 and UMC 842.13; and
- B. be accompanied by private persons for the purpose of conducting an inspection in accordance with UMC 842.12 and 30 CFR 842, when the inspection is in response to an alleged violation reported by the private person.

Sec. 6 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 mining and reclamation plan and permit application and approved for the term of the permit and which are subject to the performance bond.

- Sec. 7 ENVIRONMENTAL IMPACTS** - The permittee shall minimize any adverse impact to the environment or public health and safety through but not limited to:
- A. accelerated monitoring 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. 8 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. 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 DOGM 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 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. 11 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. 12 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. 13 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 DOGM. DOGM, after coordination with OSMRE, shall inform the permittee of necessary actions required. The permittee shall implement the mitigation measures required by DOGM within the time frame specified by DOGM.
- Sec. 14 APPEALS - The permittee shall have the right to appeal as provided for under UMC 787.
- Sec. 15 SPECIAL CONDITIONS - In addition to the general obligations, the permittee shall comply with the special conditions appended hereto as Attachment A.

The above conditions (Secs. 1-15) 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 DOGM and the permittee at any time to adjust to changed conditions or to correct an oversight. DOGM may amend these conditions at any time without the consent of the permittee in order to make them consistent with any new federal or state statutes and any new regulations.

THE STATE OF UTAH

By: Deanne R. Nelson

Date: August 28, 1989

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

Richard J. P. U  
Authorized Representative of  
the Permittee

Date: 8/31/89

APPROVED AS TO FORM:

By: Barbara W. Robert

Assistant Attorney General

Date: August 28, 1989

ATTACHMENT A

STIPULATIONS  
FIVE-YEAR PERMIT RENEWAL  
GORDON CREEK #2, #7 AND #8 MINES  
ACT/007/016

Beaver Creek Coal Company  
Carbon County, Utah  
August 28, 1989

Stipulation UMC 817.23-(1. 2)-(HS)

Within 30 days of permit approval the applicant must submit the following for inclusion in the PAP:

1. As-built surveys of the soil stockpiles to include: volume of material stockpiled, maximum and minimum height, slopes and all pertinent dimensions.
2. A topsoil mass balance table which includes the following: volumes of suitable topsoil to be redistributed; volumes of stockpiled material; disturbed acreage to be reclaimed; topsoil redistribution depths; and identification and volumes of material required to redistribute over each disturbed area.

Stipulation UMC 817.43-(1)-(DW)

1. Within 60 days of permit approval, the applicant must submit for inclusion in the PAP, adequate riprap sizing and channel designs for reclamation of Bryner Canyon, including gradation and filter blanket requirements.

Stipulation UMC 817.44-(1)-(DW)

1. Within 60 days of permit approval, the applicant must submit for inclusion in the PAP, proper riprap sizing, gradation, and filter blanket requirements for the permanent diversion of North Fork Gordon Creek at the Sweet's Canyon water truck fill-up pond. Installation of the riprap will take place during reclamation channel construction at the Gordon Creek #2, #7 and #8 Mines.

Stipulation UMC 817.97-(1)-(WJM/BAS)

1. Within 30 days of permit approval, the applicant must safeguard all powerpoles at the #2 Mine from raptor electrocution. Poles must be gapped (4 inch gap) at least 12 inches below the lowest crossarm and below transformer tanks. Perchguards must be installed on crossarms which provide less than 60 inches separation of conductors. Multiple perchguards or other forms of perch deterrents must be mounted on transformer tanks. Elevated perches, having at least a two-foot vertical rise above conductors, must be erected on all powerpoles.



# United States Department of the Interior

OFFICE OF SURFACE MINING  
RECLAMATION AND ENFORCEMENT  
BROOKS TOWERS  
1020 15TH STREET  
DENVER, COLORADO 80202



In Reply Refer To:

2155M

November 17, 1988

4441  
UT-0010

Mr. Richard Pick  
Beaver Creek Coal Company  
P.O. Box 1378  
Price, Utah 84501

Dear Mr. Pick:

The Office of Surface Mining Reclamation and Enforcement (OSMRE) has terminated, effective immediately, Federal permit UT-0010, issued on August 27, 1984, for Beaver Creek Coal Company's Gordon Creek No. 2 mine. The Federal permit was terminated in accordance with OSMRE's Directive on the Termination of Federal Permits because the State has a cooperative agreement that delegates the permitting responsibilities on Federal lands to the State, and Utah Division of Oil, Gas and Mining (DOGGM) has issued State permit ACT/007/016 for the Gordon Creek No. 2 mine in accordance with the Utah State program and cooperative agreement.

I have enclosed the memorandum terminating the Federal permit. Attached to the memorandum are the applicable standard conditions of approval of the Gordon Creek No. 2 mine mining plan approved by the Assistant Secretary on August 24, 1984, for Federal leases U-8319 and U-47975. These conditions were previously incorporated in the Federal permit. Notwithstanding the termination of the Federal permit, these conditions remain in full force and effect.

Utah DOGM is now the regulatory authority for surface coal mining and reclamation operations on Federal lands at the Gordon Creek No. 2 mine under the Utah State permit ACT/007/016, the Utah State program, and the cooperative agreement. Mining operations on Federal leases U-8319 and U-47975 must be conducted in accordance with the approved mining plan including the standard conditions, the leases, the Mineral Leasing Act of 1920, as amended, and its implementing regulations, as well as the State permit.

If you have any questions, please contact Richard Holbrook at (303) 844-5658.

Sincerely,

*acting M Z Cranberg*  
Ranvir Singh, Chief  
Federal Lands Branch

Enclosures

cc: BLM, Utah State Office  
BLM, Price Resource Area  
BLM, Moab District Office  
Director, DOGM  
Robert Hagen, Albuquerque Field Office Field Office  
B. McCue, U.S. Fish and Wildlife Service



# United States Department of the Interior

OFFICE OF SURFACE MINING  
RECLAMATION AND ENFORCEMENT  
BROOKS TOWERS  
1020 15TH STREET  
DENVER, COLORADO 80202

November 17, 1988



In Reply Refer To:  
4441  
UT-0010

2155M

## MEMORANDUM

TO: Chief, Federal Programs Division

THROUGH *acting* Chief, Federal Lands Branch *not*

FROM: Richard Holbrook, Project Leader *Richard Holbrook*

SUBJECT: Recommendation to Terminate Federal Permit UT-0010 for the Beaver Creek Coal Company Gordon Creek No. 2 Mine, Carbon County, Utah

### I. Recommendation

I recommend termination of Federal permit UT-0010, issued on August 27, 1984, for the Beaver Creek Coal Company Gordon Creek No. 2 mine. My recommendation is based on the existence of the Utah cooperative agreement which provides for the delegation to the Utah Division of Oil, Gas and Mining (DOG M) of the permitting responsibilities for operations on Federal lands pursuant to Section 523 of the Surface Mining Control and Reclamation Act (SMCRA); the issuance of the Utah State permit ACT/007/016 in accordance with the Utah State program and cooperative agreement; incorporation of all necessary Federal permit conditions in the State permit; and the approved mining plan for Federal leases, U-8319 and U-47975. Attached to this memorandum are the applicable standard conditions of approval of the Gordon Creek No. 2 mine mining plan approved by the Assistant Secretary on August 24, 1984, for Federal leases U-8319 and U-47975. These conditions were previously incorporated in the Federal permit. Notwithstanding the termination of the Federal permit, these conditions will remain in full force and effect.

Utah DOGM has reviewed the permit application package (PAP) for the Gordon Creek No. 2 mine under the Utah State program and cooperative agreement (30 CFR 944.30) and has issued Utah permit ACT/007/016 authorizing surface coal mining and reclamation operations on Federal and non-Federal lands in the permit area pursuant to the State program and cooperative agreement. A copy of the bond in the amount of \$641,443, payable to the United States and the State of Utah, is on file with OSMRE.

This permit termination is categorically excluded from the National Environmental Policy Act (NEPA) process because the Federal permit and mining plan approval were previously covered by the NEPA process (i.e., OSMRE's Environmental Assessment and Finding of No Significant Impact dated August 3 1984)

## II. Background

The Gordon Creek No. 2 underground coal mine is located in Carbon County, Utah, 20 miles northwest of Price, Utah. The Utah State permit area contains approximately 2300 acres, approximately 1726 acres of which are leased Federal coal in the mining plan area for Federal leases U-8319 and U-47975.

The Gordon Creek No. 2 mine mining plan was originally approved under the Federal lands program on August 24, 1984, and the mine was permitted by OSMRE under the Federal lands program and Utah State program on August 27, 1984. Since the original approval of the mining plan, there have been no mining plan modifications.

OSMRE's Albuquerque Field Office Field Office was consulted on November 10, 1988 and has indicated that no pending enforcement actions are associated with the Federal permit for the Gordon Creek No. 2 mine.

The Federal permit contained 12 special conditions of approval.

Special Conditions 1 and 2 required erosion protection measures for certain ditches and were satisfied on March 11, 1985.

Special Condition 3 required monitoring of mine inflows and was satisfied on August 5, 1988.

Special Condition 4 required monitoring of surface water at two locations and was satisfied on October 6, 1988.

Special Condition 5 required the permittee to establish riparian habitat at the Gordon Creek #3 minesite and was satisfied on August 5, 1988.

Special Condition 6 required submittal of a USFWS permit for removal of a raptor nest and was satisfied on February 13, 1985.

Special Condition 7 required the permittee to notify Utah DOGM if mass movement occurs in the permit area and is carried forward in the State permit as Condition No. 1.

Special Condition 8 requires submittal of subsidence information and was satisfied on October 6, 1988.

Special Condition 9 required the permittee to contribute to the endangered fishes conservation fund and was satisfied on June 13, 1985.

Special Condition 10 requires modification of power poles for raptor protection and was carried forward in the State permit as Condition 2.

Special Condition 11 requires a survey for endangered plant species prior to any redisturbance and was carried forward in the State permit as Condition No. 3.

Special Condition 12 requires use of all spoil material in reclamation of the highwall and was carried forward in the State permit as Condition No. 4.

The standard conditions of the existing mining plan approval are appended to this memorandum as Attachment A. There are no remaining special conditions of approval of the mining plan.

III. Approval:

I approve the termination of Federal permit UT-0010, issued on August 27, 1984, for the Gordon Creek No. 2 mine. The applicable standard conditions of the mining plan approved by the Assistant Secretary on August 24, 1984, are appended as Attachment A and remain in full force and effect notwithstanding this permit termination approval.



Chief, Federal Programs Division  
Western Field Operations  
Office of Surface Mining Reclamation and Enforcement

11/17/88  
Date

CONDITIONS  
OF  
MINING PLAN APPROVAL

This document contains the applicable conditions of approval of the Gordon Creek No. 2 mine mining plan approved on August 24, 1984, for Federal coal leases U-8319 and U-47975. Beaver Creek Coal Company is hereinafter referred to as the lessee/operator.

Condition 1. Statutes and Regulations.--The mining plan approval was made pursuant to Federal coal leases U-8319 and U-47975; the Mineral Leasing Act of 1920, as amended (30 U.S.C. 181 et seq.); and in the case of acquired lands, the Mineral Leasing Act for Acquired Lands of 1947, as amended (30 U.S.C. 351 et seq.). The mining plan approval is subject to all applicable regulations of the Secretary of the Interior including, but not limited to, 30 CFR Chapter VII and 43 CFR Group 3400, and to all regulations of the Secretary of Energy, which are now or hereafter in force; and all such regulations are made a part hereof. The lessee/operator shall comply with the provisions of the Water Pollution Control Act (33 U.S.C. 1151 et seq.), the Clean Air Act (42 U.S.C. 7401 et seq.) and other applicable Federal laws.

Condition 2. The current mining plan approved on August 24, 1984, covers all or portions of Federal coal leases U-8319 and U-47975 as described below:

T. 13 S., R. 7 E., S.L.M

Sec. 12: E1/2, E1/2 W1/2

Sec. 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

Sec. 24: N1/2 NE1/4, NE1/4 NW1/4

T. 13 S., R. 8 E., S.L.M.

Sec. 18: Lots 1-4, NW1/4 NE1/4, S1/2 NE1/4, E1/2 NW1/4,  
NE1/4 SW1/4

Sec. 19: Lots 1 and 2, SE1/4 NW1/4

as shown on the map appended hereto as Exhibit A.

- Condition 3. The lessee/operator shall conduct coal development and mining operations only as described in the complete permit application package approved by the Utah Division of Oil, Gas and Mining, except as otherwise directed in the conditions of the mining plan approval as contained herein.
- Condition 4. The lessee/operator shall comply with the terms and conditions of the leases and the approved mining plan, and the requirements of the Utah Permit number ACT/007/016 issued under the Utah State program, approved pursuant to the Surface Mining Control and Reclamation Act of 1977 (30 U.S.C. 1201 et seq.).
- Condition 5. The mining plan approval shall be binding on any person conducting coal development or mining operations under the approved mining plan and shall remain in effect until superseded, cancelled, or withdrawn.
- Condition 6. The lessee/operator shall allow the authorized representatives of the Secretary, and the Utah Division of Oil, Gas and Mining, 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 842.13, 43 CFR Group 3400, and UMC/SMC 840.12 and 842.13; and
  - b. Be accompanied by private persons for the purpose of conducting an inspection in accordance with 30 CFR 842.12 and UMC/SMC 842.12, when the inspection is in response to an alleged violation reported by the private person.
- Condition 7. If during the course of mining operations previously unidentified prehistoric or historic resources are discovered, the lessee/operator shall ensure that the resources are not disturbed and shall notify Utah Division of Oil, Gas and Mining and OSMRE. The lessee/operator shall take such necessary actions as are required by Utah Division of Oil, Gas and Mining in coordination with OSMRE.

R.7 E.

R.8 E.

Exhibit A  
MINING PLAN APPROVAL AREA MAP  
Gordon Creek No. 2 Mine

U-3319

U-47975

PERMIT  
BOUNDARY

OUTSIDE PERMIT AREA

LEGEND

 MINING PLAN APPROVAL AREA

T.13 S.

1:2000

## OTHER PERMITS



# State of Utah

DEPARTMENT OF HEALTH  
DIVISION OF ENVIRONMENTAL HEALTH

Norman H. Bangert  
Governor

Suzanne Dandoy, M.D., M.P.H.  
Executive Director

Kenneth L. Alkema  
Director

288 North 1480 West

P.O. Box 16690

Salt Lake City, Utah 84116-0690

(801) 538-6121

May 1, 1989

Dan W. Guy  
Manager of Permitting/Compliance  
Beaver Creek Coal Company  
P.O. Box 1378  
Price, Utah 84501

Re: Issuance of General Permits for Coal  
Mining UTG040003, UTG040004 and  
UTG040005

Dear Mr. Guy:

We hereby acknowledge receipt by EPA and the State of five Notices of Intent (NOIs) for coverage under the Utah General Permit for Coal Mining. The NOI's for Beaver Creek Coal Company's Trail Mountain No. 9 Mine, Gordon Creek No. 2 Mine, Huntington Canyon No. 4 Mine, Gordon Creek No. 3 & 6 Mines and the CV Spur Processing/Loadout Facility are considered adequate. Three of the facilities will be issued a general permit and two of the existing facility permits will be inactivated because of completion of reclamation activities. Trail Mountain No. 9 Mine has been reassigned a new permit number UTG040003, Gordon Creek No. 2 Mine has been reassigned a new permit number UTG040004 and the CV Spur Processing/Loadout Facility has been assigned a new permit number UTG040005. Any future correspondence regarding these three facilities should refer to these numbers. The permits for Huntington Canyon No. 4 Mine UT0023116 and Gordon Creek No. 3 & 6 Mines UT0023060 will be inactivated.

A copy of the final signed permits are enclosed. Coverage shall begin June 1, 1989 and all requirements and conditions of the permits will be in full force and 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 Beaver Creek Coal by June 1st.

Dan Guy  
Page Two

Also enclosed is the billing information for the issuance of your Utah Pollutant Discharge Elimination System (UPDES) permits. 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 \$100.00 filing fee and a charge equal to the Bureau of Water Pollution Control's actual costs for writing and issuance of a UPDES permit. It is Division policy to charge either the filing fee or the actual cost plus 7% whichever is greater. Please remit \$300.00 to the Utah Department of Health, Bureau of Water Pollution Control, P.O. Box 16690, Salt Lake City, Utah 84116-0690.

If you have any questions please contact Mike Herkimer at 538-6146.

Sincerely,

Utah Water Pollution Control Committee



Don A. Ostler, P.E.  
Executive Secretary

Enclosure

MDH:st

cc: Janet Fujita, EPA Region VIII, w/enclosure  
Joel Helfrich, DOGM, w/enclosure

1571-28

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

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

Dollars (\$ 641,443.00-----) effective SEPTEMBER 13, 19 90.

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

- 1) The Principal's Name has been changed from: BEAVER CREEK COAL COMPANY  
to: MOUNTAIN COAL COMPANY
- 2) Specific Language has been added:  
"In the event the Cooperative Agreement between the DIVISION and OSM is terminated, then the portion of the bond covering the Federal Lands will be payable only to the United States, Department of Interior, Office of Surface Mining."

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

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

 MOUNTAIN COAL COMPANY  
Principal

BY: Thomas H. Parker  
Vice President

UNITED PACIFIC INSURANCE COMPANY  
Surety

BY: Dorothy M. Gwanoff  
DOROTHY M. GWANOFF  
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 *Kim Penoyer*

**To/Location:** Dick Pick, Grand Jct.

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

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

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

R I D E R

RIDER to be attached to and form a part of Bond Number U-629965  
on behalf of BEAVER CREEK COAL COMPANY  
(Name)

555 SEVENTEENTH STREET, DENVER, COLORADO 80202

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

as Obligee, executed by UNITED PACIFIC INSURANCE COMPANY as Surety,  
in the amount of SIX HUNDRED FORTY-ONE THOUSAND FOUR HUNDRED FORTY-THREE AND NO/100\*\*  
Dollars (\$ 641,443.00\*\*\*) effective JULY 30, 19 87.

It is hereby understood and agreed that effective as of SEPTEMBER 13, 1990,  
the Acreage on said bond has been amended from: 2,286.05 acres of land  
to: 17.2 acres of land

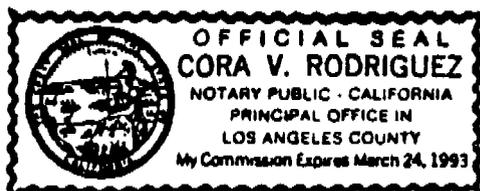
Nothing herein contained shall vary, alter or extend any provisions or conditions  
of the bond other than as above stated.

**CALIFORNIA  
ACKNOWLEDGEMENT BY SURETY**

STATE OF CALIFORNIA

COUNTY OF LOS ANGELES } ss.

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



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 appoint

CASSIE J. BERRISFORD of LOS ANGELES, CALIFORNIA

to 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-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 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 8th day of June, 1978, at which a quorum was present, and said Resolution has not been amended or repealed:

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

IN WITNESS WHEREOF, the UNITED PACIFIC INSURANCE COMPANY has caused these presents to be signed by its Vice President, and its corporate seal to be hereto affixed, this 7th day of May 19 90



UNITED PACIFIC INSURANCE COMPANY
Vice President

STATE OF Washington
COUNTY OF King } ss.

On this 7th day of May 19 90 personally appeared Lawrence W. Carlstrom

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

My Commission Expires
May 15 19 90



Notary Public in and for State of Washington
Residing at TACOMA

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

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company this 13TH day of SEPTEMBER 19 90



Assistant Secretary Robert D. Ritzhaupt

# LIABILITY 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

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) \_\_\_\_\_

FOLD

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

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 South Flower Street, Los Angeles, California 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	CO. 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 checked="" type="checkbox"/>	ISL G1 077856-6	01-01-90 to 01-01-93	\$*See Below		
	Independent Contractors	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	Each Person Each <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence
	Completed Operations/Products	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	Aggregate—Completed Operations/Products
	Contractual, (Specific type as described in footnote below)	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	
Property Damage Premises—Operations (including "Incidental Contracts" as defined above)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ISL G1 077856-6	01-01-90 to 01-01-93	\$*See Below		
	Independent Contractors	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	Each <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence
	Completed Operations/Products	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	Aggregate—Prem./Oper.
	Contractual, (Specific type as described in footnote below)	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	Aggregate—Protective Aggregate—Completed Operations/Products Aggregate—Contractual
(c) Automobile Liability					\$ Each Person Each <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence		
	Bodily Injury						
	Property Damage						
(d) <b>**INCLUDES "XCU" COVERAGE</b>					<b>*\$500,000 Combined Single Limit Each Occurrence</b> 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  
 (Block)  all contracts } between the Insured and:

~~XXXXXXXXXXXXXXXXXXXX~~ In the event of cancellation of the policy or policies by the company, ~~30~~ (45) **Forty Five** 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  
 AGT/007/016**

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 the municipality, (4) sidetrack agreement, or (5) elevator maintenance agreement.

*[Signature]*  
 Authorized Representative

# DIVISION ORDERS



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

March 4, 1992

Mr. Dan Guy, Manager  
Mountain Coal Company  
P.O. Box 1378  
Price, Utah 84501

Dear Mr. Guy:

Re: Criteria for Highwalls, Mountain Coal Company, Gordon Creek #2, #7 and #8 Mine, ACT/007/016-DO-91A, Folder #2, Carbon County, Utah

This letter is clarification in regards to the highwall reclamation meeting held on February 25, 1992. The postmining land use will remain the same as the approved plan. Reclamation of the #8 Mine will completely eliminate the highwall.

Reclamation of the #2 Mine (a pre-existing highwall) may be reclaimed in accordance with R645-301-520 and will require a demonstration in writing to the Division that the volume of all reasonably available spoil is insufficient to completely backfill the reaffected or enlarged highwall. The highwall must be eliminated to the maximum extent technically practical in accordance with R645-301-553.521 through R645-301-553.524. If there is sufficient backfill, then the highwall must be completely eliminated.

Reclamation of the #7 Mine must also completely eliminate the highwall. However, if this is not physically possible, there must be a demonstration, using sound and accepted engineering practices, as to why the highwalls cannot be completely eliminated while demonstrating compliance with the requirements of the Utah Coal Regulatory Program. The cost of the complete elimination of the highwall cannot be considered a limiting factor.

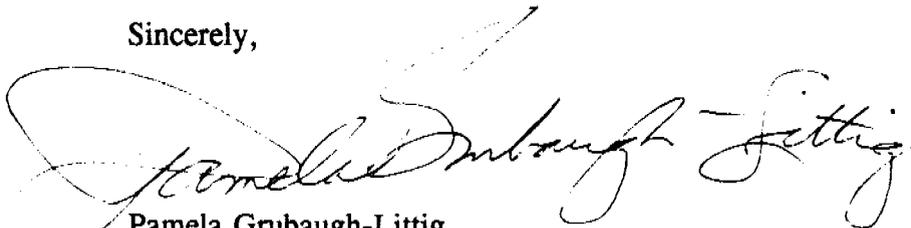
Page 2  
Mr. Dan Guy  
ACT/007/015-DO-91A  
March 4, 1992

As agreed upon in the meeting, an updated and revised reclamation plan for the Gordon Creek #2, #7, and #8 Mine will be submitted by April 30, 1992. This revised reclamation plan may amend the currently approved reclamation plan and address all aspects of the reclamation (soils, revegetation, etc). Changes must comply with the current R645 Rules and must be complete and adequate so that an approval by July 1992 can be achieved. Please note any changes, so that the Division review can be expedited.

It is the understanding of the Division that an approval by July 1992 would allow for reclamation to be conducted in the fall of 1992.

Thank you for your continued cooperation.

Sincerely,



Pamela Grubaugh-Littig  
Permit Supervisor

jbe  
cc: Lowell P. Braxton  
Jesse Kelley  
Henry Sauer  
007016EL



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

February 26, 1992

Mr. Dan Guy, Manager  
Mountain Coal Company  
P.O. Box 1378  
Price, Utah 84501

*DH*  
Dear Mr. Guy:

Re: Modification of Division Order for Highwalls, Gordon Creek #2, #7, and #8 Mines, Mountain Coal Company, ACT/007/016-DO-91A, Folder #3, Carbon County, Utah

The above-noted Division Order is hereby modified and it is ordered that Mountain Coal Company make the requisite permit changes in accordance with R645-303-220 for Division Order ACT/007/006-DO-91A, and submit a complete application for permit change by no later than April 30, 1992.

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

*Lowell P. Braxton*  
Lowell P. Braxton  
Associate Director, Mining

cc: P. Grubaugh-Littig



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangert  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

February 26, 1992

Mr. Dan Guy, Manager  
Mountain Coal Company  
P.O. Box 1378  
Price, Utah 84501

Dear Mr. Guy:

Re: Mid-Term Review, Gordon Creek #2, #7, and #8 Mine, Mountain Coal Company, ACT/007/016, Folder #2, Carbon County, Utah

The Division has reviewed the reclamation bond and the insurance for the Gordon Creek #2, #7, and #8 Mine and found that they are in good order. This mine closed in November 1990 and is expected to do reclamation in the fall of 1992. Pursuant to a meeting held at the Division on February 25, 1992, Mountain Coal Company will be submitting information relative to the reclamation of the highwalls (Division Order DO-91A) and possibly minor changes to the reclamation plan by April 30, 1992.

The Division will be reviewing your complete and adequate reclamation plansubmittal of April 30, 1992, so that you may commence reclamation by fall of this year. Therefore, the Division considers the bond and insurance review at this mine the mid-term review and it is now completed.

If you have any questions, please call me.

Sincerely,

  
Pamela Grubaugh-Littig  
Permit Supervisor

cc: Henry Sauer



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

November 19, 1991

Mr. Dan Guy, Manager  
Mountain Coal Company  
P.O. Box 1378  
Price, Utah 84501

*Dan*  
Dear Mr. Guy:

Re: Extension of Time Granted for Division Order Submittal, Mountain Coal Company, Gordon Creek #2, #7, & #8 Mines, ACT/007/017-DO-91-A, Folder #3, Carbon County, Utah

Per your verbal request, an extension of time until December 15, 1991 has been granted for submittal of a complete and adequate plan for the reclamation of the highwall areas for the #7 and #8 Mine areas at the Gordon Creek Mine.

Sincerely,

*Lowell P. Braxton*  
Lowell P. Braxton  
Associate Director, Mining

PGL/jbe



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

July 11, 1991

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

  
Dear Mr. Guy:

Re: Approval of Time Extension for Division Order (Highwalls and Postmining Land Use, Beaver Creek Coal Company (Mountain Coal Company), Gordon Creek #2, #7, & #8 Mine, ACT/007/016-DO-91A, Folder #3, Carbon County, Utah

The meeting held at the Division on July 11, 1991 with you, Lowell P. Braxton, Pamela Grubaugh-Littig, and myself, outlined the backfilling and grading reclamation issues at the Gordon Creek #2, #7, & #8 Mine. Your letter of request for an extension of 120 days stated that reconsideration of the postmining land use in concert with the backfilling and grading plan (specifically at the #7 Mine) will take time to be resolved. The evaluation of the change in postmining land use and further stability studies at the #7 Mine justify this time extension.

As discussed during the meeting, the #2 Mine is pre-law and will require quantitative data to document insufficient backfill material. The plan for the #8 Mine will be changed to meet approximate original contour. However, the new proposal for the #7 Mine would designate pad area (i.e., a sheep staging area for the surface owner). The #7 Mine area should also have further stability analyses done.

Page 2  
LTR/Dan Guy  
ACT/007/016-DO-91A  
July 11, 1991

Information that was proposed at the meeting would result in compliance with the Division Order for the #8 Mine. Further information must be submitted to meet the requirements of the Division Order for the #2 Mine and a 60-day time extension is granted (September 11, 1991). The need to conduct further text and consider the change in postmining land use justify a 120-day extension for that part of the Division Order (November 11, 1991).

Best regards,

A handwritten signature in cursive script, appearing to read "Dianne".

Dianne R. Nielson  
Director

jbe  
cc: Lowell Braxton  
Pamela Grubaugh-Littig  
Jesse Kelley  
AT007016.2



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

June 6, 1991

CERTIFIED RETURN RECEIPT REQUESTED  
P 755 090 781

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

Dear Mr. <sup>Dan</sup>Guy:

Re: Division Order, Beaver Creek Coal Company (Mountain Coal Company),  
Gordon Creek #2, #7 and #8, ACT/007/016-DO91A, Folder #3, Emery County,  
Utah

Enclosed please find a Division Order and Finding of Permit Deficiency for the Gordon Creek #2, #7 and #8 Mines. If in your review of this Order you have any questions, please call me or Pamela Grubaugh-Littig, Permit Supervisor.

Sincerely,

  
Lowell P. Braxton  
Associate Director, Mining

mbm  
Enclosure  
cc: P. Grubaugh-Littig  
J. Helfrich  
Jesse Kelley  
AT007016.DO

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

PERMITTEE

Mr. Dan Guy, Manager  
Permitting and Compliance  
Beaver Creek Coal Company  
(Mountain Coal Company)  
Gordon Creek #2, #7 and #8 Mines  
P. O. Box 1378  
Price, Utah 84501

Permit Number ACT/007/016  
Division Order #DO-91A

DIVISION ORDER AND FINDINGS  
of  
PERMIT DEFICIENCY

PURSUANT to R614-303-212, the DIVISION ORDERS the PERMITTEE, Beaver Creek Coal Company (Mountain Coal Company), to make the permit changes enumerated in the findings of permit deficiency in order to be in compliance with the State Coal Program. These findings of permit deficiency are to be remedied in accordance with the requirements of R614-303-220.

FINDINGS OF PERMIT DEFICIENCY

1. R614-301-553.610 states that postmining slopes may vary from the approximate original contour when "[a]pproval is obtained from the Division in accordance with R614-302-270." R614-302-270 requires, among other things, that an applicant meet the alternative postmining land use requirements of R614-301-413.300 in order to obtain Division approval for permanent retention of a highwall (R614-302-271.100). If the planned postmining land use is the same as the premining land use as stated in accordance with R614-301-411.100, the highwall cannot be retained.

The Division finds the permit deficient in that, in contravention of R614-302-270, it allows for permanent retention of the highwalls in the area which comprises the #7 and #8 mines, even though the postmining land use projected for this area is identical to the premining land use. This area constitutes a post-1977 disturbance.

In order to comply with this rule, the permittee must submit to the Division an amended reclamation plan which provides for complete elimination of the highwalls in the area which comprises the #7 and #8 mines.

The amended reclamation plan will constitute a Permit Amendment and will be subject to Division approval, as set forth in R614-303-221 through -223. As the amended reclamation plan will become an integral part of the Mining and Reclamation Plan (MRP), the permittee must make sure that all relevant parts of the MRP -- table of contents, text, maps, volume estimates and reclamation costs -- are brought into agreement with both the form and content of the amended reclamation plan.

2. R614-301-553.520 states that highwalls in previously mined areas need not be completely eliminated "...where the volume of all reasonably available spoil is demonstrated in writing to the Division to be insufficient to completely backfill the reaffected or enlarged highwall."

The Division finds the permit deficient in that it does not fulfill the requirement of R614-301-553.520 as it applies to the highwalls in the area of the #2 mine. This area constitutes a pre-1977 disturbance.

In order to comply with this rule, the permittee must demonstrate, to the satisfaction of the Division, that the volume of material available in the permit area is not sufficient to completely backfill the highwalls in the area of the #2 mine. This demonstration must include well-documented volume estimates and must explain how the estimates are made and the assumptions upon which they are based.

Beaver Creek Coal Company (Mountain Coal Company), is Ordered to make the requisite permit changes in accordance with R614-303-220, and to submit a complete application for permit change to address the findings of permit deficiency within 30 days of receipt of this Order. Approval by the Division must be obtained within 60 days of receipt of this Order. All approvals not obtained within 60 days of receipt of this Order may result in a hindrance violation, unless a request for extension has been obtained by the Director.

So ORDERED, this 6th day of June, 1991 by the Division of Oil, Gas and Mining.



Dianne R. Nielson, Director  
Division of Oil, Gas and Mining



# 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

an equal opportunity employer



DAN GUY    MANAGER  
PERMITTING AND COMPLIANCE  
BEAVER CREEK COAL COMPANY  
P O BOX 1378  
PRICE UT    84501

FIRST NOTICE JUN 11 1991  
SECOND NOTICE \_\_\_\_\_  
RETURNED \_\_\_\_\_

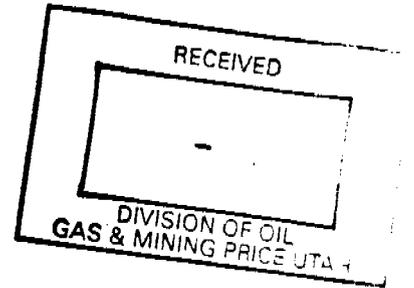


**Mountain Coal Company**  
Trail Mountain Mine  
Post Office Box 1378  
Price, Utah 84501  
Telephone 801 637-5050 (Price Office)  
801 637-5203 (Mine Office)  
801 748-2140 (Mine Site)



March 4, 1992

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



Re: Division Order DO-91B  
Sediment Pond No.2 Spillway  
Gordon Creek No.2/7/8 Mines  
ACT/007/016; Folder #3  
Carbon County, Utah

Dear Ms. Littig:

Enclosed are 3 copies of revised pages and required information and certification for the Gordon Creek No.2 Pond. In accordance with your letter of January 29, 1992, Mountain Coal Company has elected to follow the procedure for the Spillway Exemption as allowed under R645-301-742.225.2 by demonstrating the pond will safely control the runoff from a 100 year-6 hour precipitation event for the area.

The pages are numbered to allow for insertion in the P.A.P. upon approval. Additional copies will be sent at your request.

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

Respectfully,

Dan W. Guy  
Manager Permitting/Compliance

cc: Johnny Coffey  
Dave Arnolds  
Rick Parkins  
File



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

January 29, 1992

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

Dear Mr. Guy:

Re: Interpretation of the Recent Changes to the Spillway Requirements of the R645(R614)-301-742.220 Sedimentation Ponds, Mountain Coal Company, Gordon Creek #2, #7 & #8 Mines., ACT/007/016, Folder #4, Carbon County, Utah

## Background

The August 23, 1991 R614 (now R645) rule changes incorporated revisions to the requirements for sedimentation pond and impoundment spillway criteria. This letter sets forth the rule requirements (as of August 23, 1991) for Rule R645-301-742.220 (Sedimentation ponds) and the spillway exemption under R645-301-743.131 through R645-301-743.132 (Impoundments) as well as a discussion of their effect on the Coal Regulatory Program. All changes are **bolded**. The **shaded** portions of the rule at 742.224 has not been approved by OSM.

Current Division Orders regarding ponds or impoundments which have only one spillway are now considered modified to allow a demonstration of compliance with the revised rules of August 23, 1991. The operator may still elect to demonstrate compliance with R645-301-742.223. As a result of the rule revisions, modification of currently constructed ponds may not be required.

## Current Rules as of August 23, 1991

742.220. Sedimentation Ponds

742.221. Sedimentation ponds, when used, will:

742.221.1. Be used individually or in series;

- 742.221.2. Be located as near as possible to the disturbed area and out of perennial streams unless approved by the Division; and
- 742.221.3. Be designed, constructed, and maintained to:
  - 742.221.31. Provide adequate sediment storage volume;
  - 742.221.32. Provide adequate detention time to allow the effluent from the ponds to meet Utah and federal effluent limitations;
  - 742.221.33. Contain or treat the 10-year/24-hour precipitation event ("design event") unless a lesser design event is approved by the Division based on terrain, climate, or other site-specific conditions and on a demonstration by the operator that the effluent limitations of R645-301-751 will be met;
  - 742.221.34. Provide a nonclogging dewatering device adequate to maintain the detention time required under R645-301-742.221.32.
  - 742.221.35. Minimize, to the extent possible, short circuiting;
  - 742.221.36. Provide periodic sediment removal sufficient to maintain adequate volume for the design event;
  - 742.221.37. Ensure against excessive settlement;
  - 742.221.38. Be free of sod, large roots, frozen soil, and acid- or toxic-forming coal-processing waste; and
  - 742.221.39. Be compacted properly.
- 742.222. Sedimentation ponds meeting the size or other qualifying criteria of the MSHA, 30 CFR 77.216(a) will comply with all the requirements of that section, and will have a **single spillway or principal and emergency spillways that in combination will safely pass a 100-year/6-hour precipitation event or greater event as demonstrated to be necessary by the Division.**

- 742.223. Sedimentation ponds not meeting the size or other qualifying criteria of the MSHA, 30 CFR 77.216(a) will provide a combination of principal and emergency spillways that will safely discharge a 25-year/6-hour precipitation event **or greater event as demonstrated to be needed by the Division**. Such ponds may use a single open channel spillway if the spillway is:
- 742.223.1. **Of nonerodible construction and designed to carry sustained flows; or**
- 742.223.2. **Earth- or grass-lined and designed to carry short-term infrequent flows at non-erosive velocities where sustained flows are not expected.**
- 742.224. **In lieu of meeting the requirements of R645-301-742.223.1 and 742.223.2 the Division may approve a sedimentation pond that relies primarily on storage to control the runoff from the design precipitation event when it is demonstrated by the operator and certified by a qualified registered professional engineer or qualified registered professional land surveyor in accordance with R645-301-512.100 that the sedimentation pond will safely control the design precipitation event. The water will be removed from the pond in accordance with current, prudent, engineering practices and any sediment pond so used will not be located where failure would be expected to cause loss of life or serious property damage.**
- 742.225. **An exception to the sediment pond location guidance in R645-301-742.224 may be allowed:**
- 742.225.1. **In the case of a sedimentation pond meeting the size or other criteria of 30 CFR 77.216(a), if the pond is designed to control the precipitation of the probable maximum precipitation of a 6-hour event or greater event if specified by the Division; or (30 CFR 816.46(c)(2)(ii)(A))**

**742.225.2. In the case of a sedimentation pond not meeting the size or other criteria of 30 CFR 77.216(a), if the pond is designed to control the precipitation of a 100-year/6-hour event or greater event if demonstrated to be needed by the Division.**

743. Impoundments

743.131 The Division may approve a single-open channel spillway that is:

743.131.1. Of nonerodible construction and designed to carry sustained flows;  
or

743.131.2. Earth-or grass lined and designed to carry short-term, infrequent flows at non-erosive velocities where sustained flows are not expected.

743.132. In lieu of meeting the requirements of 743.131 the Division may approve an impoundment which meets the requirements of the sediment pond criteria of R645-301-742.224 and 742.225.

Discussion of the Criteria

The following criteria must be met before an exemption, pursuant to Rule R645-301-742.224, can be granted to the dual spillway requirements of Rule R645-301-742.223. It must be demonstrated that:

- 1) A pond can rely primarily on storage to control runoff from the Design Precipitation Event;

The operator must provide:

- a) A demonstration by the operator that the sedimentation pond will safely control the design precipitation event.
- b) A certification by a qualified registered professional engineer that the sedimentation pond will safely control the design precipitation event.

- 2) The water can be safely removed from the pond in accordance with current, prudent, engineering practices;

The operator must provide:

- a) Designs for a nonclogging dewatering device and an operational dewatering plan.

- 3) Criteria for sediment pond location are met.

- a) If the sediment pond is located where failure will not cause loss of life or serious property damage;

The operator must provide:

- i) A demonstration that failure of the pond will not cause loss of life or serious property damage (e.g., dam breach or flood wave analysis); and  
ii) A demonstration the pond is designed to safely control the design event (usually the 25-year/6-hour precipitation event).

- b) If the sediment pond is located where failure could be expected to cause loss of life or serious property damage;

The operator must provide:

- i) For ponds meeting the criteria of 30 CFR 77.216(a) (MSHA-sized pond), designs demonstrating the pond will control the precipitation of the probable maximum precipitation (PMP) of a 6-hour event or greater event if specified by the Division.  
ii) For ponds not meeting the MSHA criteria, designs demonstrating the pond will control the precipitation of a 100-year/6-hour event or greater event if demonstrated to be needed by the Division.

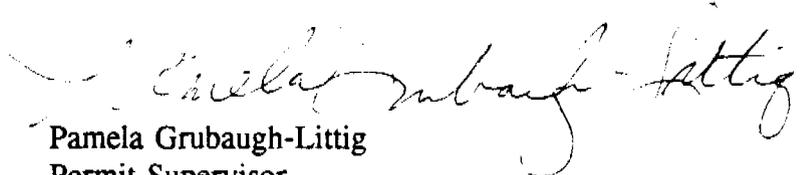
Page 6  
Rule Changes  
R645-301-742.220  
January 29, 1992

In summary, for the most common ponds in Utah (not meeting the MSHA criteria), the demonstration of compliance with Rule 742.224 can be relatively straight forward. By simply assuming failure could cause loss of life or serious property damage (worst case scenario) and providing designs demonstrating control of the 100-year/6-hour event, the analysis that the location will not be a hazard can be eliminated (criteria (3)(a)(i) above). Often, the runoff expected from a 100-year/6-hour event will be less than or very close to the runoff volume from a 10-year/24-hour event. As most ponds in the State are now designed to contain the 10-year/24-hour event, it is suggested that engineers first check the pond storage requirements for the 100-year/6-hour event before proceeding with the demonstration that pond failure will not cause loss of life or serious property damage.

Action Requested

Upon your review of this letter, please notify the Division, by February 26, 1992, as to how you want to proceed with the Division Order noted. I appreciate your cooperation with this matter. If you have any questions, please call me.

Sincerely,

  
Pamela Grubaugh-Littig  
Permit Supervisor

jbe  
SRRULES.RS



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

December 6, 1991

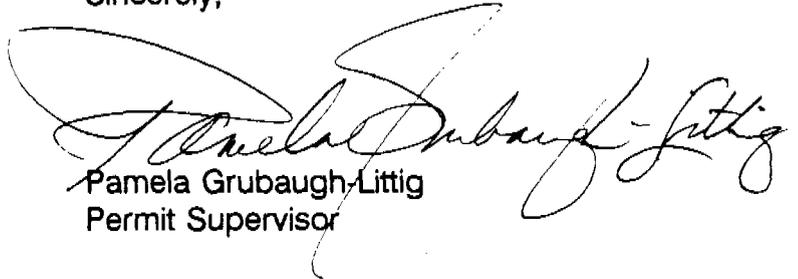
Mr. Dan Guy, Manager  
Mountain Coal Company  
P.O. Box 1378  
Price, Utah 84501

Dear Mr. Guy:

Re: Conditional Approval, Emergency Spillway, Gordon Creek #2, #7, and #8  
Mines, Mountain Coal Company, ACT/007/016-DO-91B, Folder #3, Carbon  
County, Utah

The above-noted Division Order is approved for the emergency spillway design. It will be necessary, however, to provide an adequate energy dissipator at the toe of the downslope to protect the channel from erosion with velocities calculated at 10.5 feet per second. The emergency spillway as presented does meet the requirements of Rule R615-301-742.223 as referenced in the Division Order.

Sincerely,



Pamela Grubaugh-Littig  
Permit Supervisor

PGL/jbe  
cc: Ken Wyatt



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

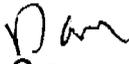
Norman H. Bangertter  
Governor  
Dee C. Hansen  
Executive Director  
Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

September 4, 1991

CERTIFIED RETURN RECEIPT  
P 074 979 165

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

  
Dear Mr. Guy:

Re: Division Order, Beaver Creek Coal Company (Mountain Coal Company),  
Gordon Creek #2, #7, & #8 Mine, ACT/007/016-DO-91B, Folder #3, Emery  
County, Utah

Enclosed please find a Division Order and Finding of Permit Deficiency for the  
Gordon Creek #2, #7, & #8 Mine. If in your review of this Order you have any  
questions, please call me or Pamela Grubaugh-Littig.

Sincerely,



Lowell P. Braxton  
Associate Director, Mining

jbe

Enclosure

cc: Pamela Grubaugh-Littig  
Joe Helfrich  
Tom Munson  
Bill Malencik  
Henry Sauer

AT007016.91B

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

---

PERMITTEE

Dan Guy  
Beaver Creek Coal Company  
Gordon Creek #2, #7, & #8  
P.O. Box 1378  
Price, Utah 84501

ORDER & FINDINGS  
of  
PERMIT DEFICIENCY

PERMIT NUMBER ACT/007/016  
DIVISION ORDER # DO-91B

---

PURSUANT to R614-303-212, the DIVISION ORDERS the PERMITTEE, Beaver Creek Coal Company (Mountain Coal Company), to make the permit changes enumerated in the findings of permit deficiency in order to be in compliance with the State Coal Program. These findings of permit deficiency are to be remedied in accordance with R614-303-220.

Findings of Permit Deficiency

Regulation Citation

- 742.223. Sedimentation ponds not meeting the size or other qualifying criteria of the MSHA, 30 CFR 77.216(a) will provide a combination of principal and emergency spillways that will safely discharge a 25-year, 6-hour precipitation event. Such ponds may use a single spillway if the spillway is:
- 742.223.1. An open channel of nonerodible construction and capable of maintaining sustained flows; and
- 742.223.2. Not earth- or grass-lined.

Permit Deficiency

Pond #2 has only one culvert spillway which does not meet the requirements of the rules shown above.

Information required to be submitted

The operator must submit plans to rebuild pond #2 to meet the requirements of the rules.

Beaver Creek Coal Company (Mountain Coal Company) is ordered to make the requisite permit changes in accordance with R614-303.220, and to submit a complete application for permit change to address the findings of permit deficiency within 30 days of receipt of this order. Approval by the Division must be obtained within 60 days of receipt of this order. All approvals not obtained within 60 days may result in a hindrance violation unless a request for extension has been obtained by the Director.

Ordered this 4 day of September, 1991, by the Division of Oil, Gas and Mining.

  
\_\_\_\_\_  
Dianne R. Nielson, Director  
Division of Oil, Gas and Mining

jbe  
cc: Tom Mitchell  
Joe Helfrich  
DIVISORD.FIN



## 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

an equal opportunity employer

**CERTIFIED**

P 074 979 165

**MAIL**

DAN GUY MANAGER  
BEAVER CREEK COAL COMPANY  
PO BOX 1378  
PRICE UT 84501

# WATER MONITORING

Mining and Reclamation Plan  
Gordon Creek No. 2 and No. 7 Mines

TABLE 7-17  
SURFACE WATER MONITORING PROGRAM  
GORDON CREEK No. 2 and No. 7 MINES

STATION	LOCATION	TYPE	FREQUENCY	FLOW DEVICE	RESULTS TO:	REMARKS
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	Continuous Flow Bi-annual Quality	Parshall Flume	DOGM, OSM	Flow when accessible
2-4-W	Upper Beaver Creek	Perennial Stream	Continuous Flow Bi-annual Quality	Parshall Flume	DOGM, OSM	Flow when accessible
2-5-W	Jewkes Spring in Beaver Creek	Spring	Bi-annual Quality and Quantity	Hand-Held	DOGM, OSM	Flow when accessible Flow Device
2-6-W	Gunnison Homestead Spring	Spring	Bi-annual Quality and Quantity	Portable Flume	DOGM, OSM	Flow when accessible
2-7-W	Lf. Fk. Bryner Canyon above #1 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-Held Flow Device	DOGM, OSM	



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

Field Measurements	Date Sampled												MEAN
	01/07/91	02/25/91	03/21/91	04/03/91	05/29/91	06/01/91	07/08/91	08/09/91	09/10/91	10/26/91	11/22/91	12/04/91	
Flow [gpm]	42	47	92	117	412	167	69.7	47.8	112	43.6	130	27	109.43
PH	7.9	7.9	8	7.9	8.1	8	3.7	8.1	7.9	7.92	7.4	7.3	8.00
Sp. Con. [ohms]	610	390	760	740	400	550	410	460	410	740	440	340	560
Temp [C]	1	0	2	1	8	6	7	6	10	2	1	1	3.75
Diss. O. [ppm]	9	9	9	9	9	9	9	3	9	9	8	7	8.75

Lab. Meas. [mg/l]	Date Sampled				Mean
	02/25/91	05/28/91	08/09/91	11/22/91	
TDS	455	233	LOST	324	337
TSS	2	54		6	133
O & G	<5	<5		<5	<5
Al CaCO3	287	194		213	231
Hd CaCO3	414	222		292	309
Ac CaCO3	0	0		0	0
HCO3	351	226		260	279
CO3	0	5.1		0	7.7
Cl	18.4	6.64		7.04	10.69
SO4	113	25.9		90.9	43.89
Ca	94.5	61.9		77.2	77.87
Mg	43.5	16.5		24.2	28.06
K	2.44	1.92		2.1	2.15
Na	6.2	4.2		4.8	5.06
Cat/An	.54	.76		.42	.57
Fe	.07	.91		.10	.36
Mn	<.02	.02		.089	.033

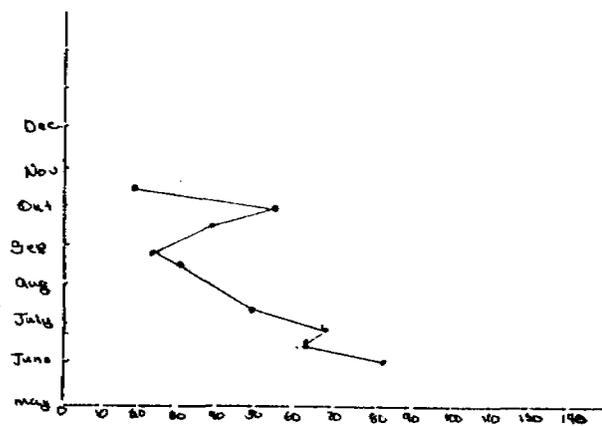
Property: JCCC #9 Mine  
 Station: 2-3W  
 Location: Lower Beaver Cr.  
 Type: P. Stream  
 Frequency: Monthly-Flow; Bimual

Date Measurements	Date Sampled												MEAN
	01/07/91	02/25/91	03/21/91	04/06/91	05/29/91	06/00/91	07/00/91	08/00/91	09/00/91	10/00/91	11/00/91	12/00/91	
Flow [gpm]	N/A	N/A	N/A	N/A	31		SEE GRAPH						31
PH					8.1		"	"					8.1
Sp. Con. [ohms]					300		"	"					300
Temp [C]					6		"	"					6
Diss. O. [ppm]					9		"	"					9

Lab. Meas. [mg/l]	Date Sampled		Mean
	05/29/91	11/22/91	
TDS	172	N/A	172
TSS	37		37
O & G	N/A		N/A
Al CaCO3	148		148
Hd CaCO3	159		159
Ac CaCO3	0		0
HCO3	168		168
CO3	5.7		5.7
Cl	4.8		4.8
SO4	14.6		14.6
Ca	51.3		51.3
Mg	7.62		7.62
K	1.7		1.7
Na	3.6		3.6
Cat/An	.14		.14
Fe	.70		.70
Mn	.03		.03

2-360 Lower Beaver Creek

5/29	81 gpm
6/14	62 gpm
6/30	67
7/31	47
8/7	59
9/24	32
9/10	39
9/27	56
10/14	16



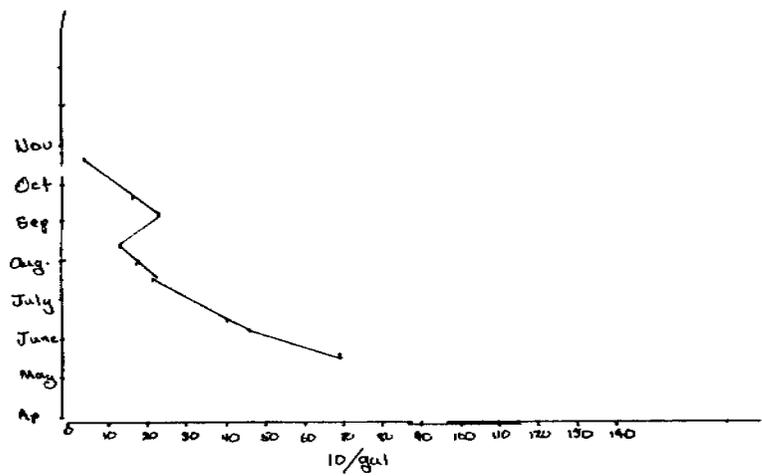
Property: BCCC #2 Mine  
 Station: 2-4-W  
 Location: Up. Beaver Cr.  
 Type: P. Stream  
 Frequency: Monthly-Flow; Biannual

Field Measurements	Date Sampled										MEAN
	01/07/91	02/25/91	03/21/91	04/00/91	05/29/91	06/00/91	07/00/91	08/00/91	09/00/91	10/00/91	
Flow [gpm]	N/A	N/A	N/A	N/A	69		SEE	GRAPH			69
PH					8.1		*	*			8.1
Sp.Con. [ohms]					230		*	*			230
Temp [C]					70		*	*			70
Diss. O. [ppm]					8		*	*			8

Lab. Meas. [ug/l]	Date Sampled		Mean
	05/29/91	11/22/91	
TDS	128	N/A	128
TSS	82		82
O & G	N/A		N/A
Al CaCO3	109		109
Hd CaCO3	115		115
Ac CaCO3	0		0
HCO3	132		132
CO3	0		0
Cl	5.31		5.31
SO4	9.67		9.67
Ca	38.4		38.4
Mg	4.8		4.8
K	1.67		1.67
Na	3.4		3.4
Cat/An	.45		.45
Fe	1.49		1.49
Mn	.06		.06

L-HW - (Upper Beaver Creek) 2-310

5/29 -	69 gpm
6/14	47 gpm
6/30	42 "
7/21	21 "
8/8	16
8/24	12
9/10	29
9/27	16.5
10/14	7.2



WATER MONITORING REPORT

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

Field Measurements	Date Sampled		Mean
	05/29/91	11/22/91	
Flow [gpm]	18	N/A	18
PH	8.4		8.4
Sp.Con. [ohms]	470		470
Temp [C]	6		6
Diss. O. [ppm]	N/A		N/A

Lab. Meas. [mg/l]			
TDS	298		298
TSS	124		124
O & G	N/A		N/A
Al CaCO3	151		151
Hd CaCO3	*		*
Ac CaCO3	0		0
HCO3	181		181
CO3	1.5		1.5
Cl	*		*
SO4	28		28
Ca	*		*
Mg	*		*
K	3.23		3.23
Na	14.5		14.5
Cat/An	*		*
Fe	.28		.28
Mn	<.02		<.02

\* Insufficient Sample Broken in Shipment

WATER MONITORING REPORT

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

Field Measurements	Date Sampled		Mean
	05/29/91	11/22/91	
Flow [gpm]	DRY	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

Mn

WATER MONITORING REPORT

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

Field Measurements	Date Sampled				Mean
	02/25/91	05/30/91	08/09/91	11/22/91	
Flow [gpm]	DRY	6.2	DRY	DRY	6.2
PH		7.9			7.9
Sp. Cond. [ohms]		1090			1090
Temp. [C]		4			4
Diss. O [ppm]		6			6

Lab. Meas. [mg/l]

TDS	670	670
TSS	47	47
O & G	N/A	N/A
Al CaCO3	298	298
Hd CaCO3	267	267
Ac CaCO3	0	0
HCO3	364	364
CO3	0	0
Cl	37.5	37.5
SO4	253	253
Ca	126	126
Mg	61.5	61.5
K	2.73	2.73
Na	15.4	15.4
Cat/An	.77	.77
Fe	.35	.35
Mn	<.02	<.02

WATER MONITORING REPORT

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

Field Measurements	Date Sampled				Mean
	02/25/91	05/30/91	08/09/91	11/22/91	

Flow [gpm]	DRY	DRY	DRY	FROZEN	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

WATER MONITORING REPORT

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

Field Measurements	Date Sampled				Mean
	02/25/91	05/30/91	08/09/91	11/22/91	
Flow [gpm]	DRY	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

WATER MONITORING REPORT

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

Field Measurements	Date Sampled				Mean
	02/25/91	05/30/91	08/09/91	11/22/91	
Flow [gpm]	DRY	1.8	DRY	DRY	1.8
PH		8.2			8.2
Sp. Cond. [ohms]		940			940
Temp. [C]		5			5
Diss. O [ppm]		N/A			N/A

Lab. Meas. [mg/l]			
TDS		804	804
TSS		62	62
O & G		N/A	N/A
Al	CaCO3	327	327
Hd	CaCO3	679	679
Ac	CaCO3	0	0
HCO3		399	399
CO3		0	0
Cl		33.2	33.2
SO4		335	335
Ca		147	147
Mg		75.8	75.8
K		6.72	6.72
Na		14.1	14.1
Cat/An		.31	.31
Fe		1.52	1.52
Mn		.13	.13

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

**Mountain Coal Company**

Trait 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 28, 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 fourth quarter of 1991.

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

Respectfully,

Dan W. Guy  
Manager Permitting/Compliance

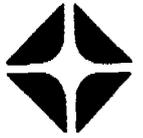
DWG/cr

Enclosures

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

**Mountain Coal Company**

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 28, 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 fourth quarter of 1991.

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

Respectfully,

Dan W. Guy  
Manager Permitting/Compliance

DWG/cr

Enclosures

**Mountain Coal Company**

Trial 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 28, 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 fourth quarter of 1991.

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

PERMITTEE NAME: ADDRESS (Include Facility Name/Location if different)  
 NAME: 9200 W. CREEK COAL--GRDN #2  
 ADDRESS: 2.0, BOX 1378  
 PRICE: OT 84501

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

DTG040004  
 PERMIT NUMBER

001 A  
 DISCHARGE NUMBER

F - FINAL  
 SED PND 01FL-NO FRK/GRDN CRK

FACILITY: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	91	09	31		91	09	30

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

MINOR  
 NOTE: Read instructions before completing this form.

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) (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		NO DISCHARGE			*****	*****	*****				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30 DA AV	REPORT DAILY MX	GPD	*****	*****	*****	***	ONCE/ MONTH	WASRD	
PB	SAMPLE MEASUREMENT	*****	*****			*****					
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.5 DAILY MX	*****	9.0 DAILY MX	SU	TWICE/ GRAB MONTH		
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****						
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	25 30 DA AV	70 DAILY MX	MG/L	ONCE/ GRAB MONTH		
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****					
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5 DAILY MX	ML/L	ONCE/ GRAB MONTH		
OIL AND GREASE FROM EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****		*****	*****					
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10 DAILY MX	MG/L	ONCE/ GRAB MONTH		
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****					
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	2.0 DAILY MX	MG/L	ONCE/ GRAB MONTH		
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL	SAMPLE MEASUREMENT	*****			*****	*****	*****				
05613 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	YES=1 DAILY MX	NO=0	*****	*****	*****	***	ONCE/ VISUAL MONTH		

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER:  
 Dan W. Guy  
 Permitting & Compliance  
 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: 801 637-5050  
 DATE: 91 09 30  
 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: **BE. P. COOK COAL--SEDN 12**  
 ADDRESS: **P.O. BOX 1378**  
**PRICE** **OF 84501**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)  
**UPG040004** (20-21) (22-23) (24-25)  
**001 A** (17-19)  
 PERMIT NUMBER DISCHARGE NUMBER

F - FINPL  
 SED PND DTPLL-NO FRK/GRDN CRK

FACILITY \_\_\_\_\_  
 LOCATION \_\_\_\_\_

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
91	09	01		91	09	30
		(20-21)	(22-23)	(24-25)		
		(26-27)	(28-29)	(30-31)		

MINOR  
 NOTE: Read instructions before completing this form.

ATTN: DAN W. GUY, MANAGER

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			
SANITARY WASTE DISCHARGED-ASSESSMNT 45614 1 0 0 EFFLUENT GROSS VALUE	*****	*****	0	DAILY HK	*****	*****	*****	***	ONCE/ VISUAL MONTH	
SOLIDS, TOTAL DISSOLVED 70295 0 0 0 SEE COMMENTS BELOW	*****	*****	2000	DAILY HK LBS/DY	*****	*****	REPORT DAILY HK	MS/L	ONCE/ GRAB MONTH	
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Dan W. Guy  
 Permitting & Compliance  
 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: 801 637-5050  
 DATE: 91 09 30  
 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 (Include Facility Name/Location) **BEAV. CREEK COAL--GRDN #2**  
 ADDRESS **O. BOX 1378**  
 PRICE **UT 84501**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) MONITORING REPORT (DMR)  
 (2-16) (17-19)  
**DTG040004** PERMIT NUMBER  
**001 A** DISCHARGE NUMBER

**P - FINAL**  
**SED PND DTPLL-NO PRK/GROW CRK**

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

MONITORING PERIOD  
 FROM YEAR **91** MO **10** DAY **01** TO YEAR **91** MO **10** DAY **31**  
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

**MINOR**  
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (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	UNITS			
FLOW RATE		NO DISCHARGE			*****	*****	*****				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30 DA AV	REPORT DAILY MX	GPD	*****	*****	*****	***	ONCE/	BASED	
PH	SAMPLE MEASUREMENT	*****	*****			*****					
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.5	*****	9.0	***	TWICE/GRAB	NORTH	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****						
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	25	70	***	ONCE/ GRAB	NORTH	
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****					
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5	***	ONCE/ GRAB	NORTH	
OIL AND GREASE	SAMPLE MEASUREMENT	*****	*****		*****	*****					
PREON EXTR-GRAV METH	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10	***	ONCE/ GRAB	NORTH	
00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****					
IRON, TOTAL (AS FE)	PERMIT REQUIREMENT	*****	*****	***	*****	*****	2.0	***	ONCE/ GRAB	NORTH	
01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****					
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL	PERMIT REQUIREMENT	*****	0	TSS=1	*****	*****	*****	***	ONCE/ VISUAL	NORTH	
45613 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	NO=0	*****	*****		***			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**Dan W. Guy**  
 Permitting & Compliance  
 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 **801 637-5050**  
 DATE **91 10 31**  
 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 **BEAVER CREEK COAL--GRDN #2**  
 Facility Name/Location (If different)  
 ADDRESS **P.O. BOX 1378**  
**PRICE** **QT 84501**

NATIONAL POLLUTANT DISCHARGE MONITORING REPORT (DMR)  
 (2-16) (17-19)  
**UTG040004** **001 A**  
 PERMIT NUMBER DISCHARGE NUMBER

**F - FINAL**  
**SED PND OTPLL-NO PRK/GRDN CRK**

FACILITY  
 LOCATION

**MONITORING PERIOD**  
 FROM **91 10 01** TO **91 10 31**  
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

**MINOR**  
**NOTE: Read instructions before completing this form.**

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
SANITARY WASTE DISCHARGED-ASSESSMENT 45614 1 0 0	*****				*****	*****	*****			
EFFLUENT GROSS VALUE	*****			YES=1 NO=0	*****	*****	*****	*** ****	ONCE/MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED 70295 0 0 0	*****				*****	*****				
SEE COMMENTS BELOW	*****	2000		DAILY MX LBS/DY	*****	*****	REPORT DAILY MX MG/L		ONCE/MONTH	GRAB
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**Dan W. Guy**  
**Permitting & Compliance**  
 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 **801 637-5050**  
 DATE **91 10 31**  
 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 **BEAV. CREEK COAL--GRDN #2**  
 ADDRESS **P.O. BOX 1379**  
**PRICE** **OT 84501**

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

016040008

PERMIT NUMBER

001 A

DISCHARGE NUMBER

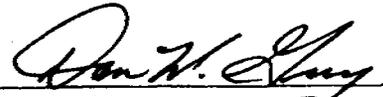
P - FINAL  
 SED PHD 07PLL-NO FRK/GRDN CRE

FACILITY  
 LOCATION

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
91	11	01	TO	91	11	30
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

MINOR  
 NOTE: Read instructions before completing this form.

ATTN: DAN W. GUY, MANAGER

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		NO DISCHARGE			*****	*****	*****					
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	***	ONCE/	SEASON		
PH	SAMPLE MEASUREMENT	*****	*****			*****		****	MONTH			
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.5	*****	9.0	***	TWICE/GRAB	MONTH		
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	****	DAILY MG		DAILY MG	50				
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	25	70	***	ONCE/ GRAB	MONTH		
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****	****		30 DA AV	DAILY MG	MG/L				
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5	***	ONCE/ GRAB	MONTH		
OIL AND GREASE	SAMPLE MEASUREMENT	*****	*****	****			DAILY MG	ML/L				
PERON EXTR-GRAV METH	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10	***	ONCE/ GRAB	MONTH		
00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****			DAILY MG	MG/L				
IRON, TOTAL (AS FE)	PERMIT REQUIREMENT	*****	*****	***	*****	*****	2.0	***	ONCE/ GRAB	MONTH		
01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****			DAILY MG	MG/L				
FLOATING SOLIDS OR VISIBL POAM-VISUAL	PERMIT REQUIREMENT	*****	*****	***	*****	*****	*****	***	ONCE/ VISUAL	MONTH		
45613 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****			*****	****				
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.)				SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE		
Dan W. Guy Permitting & Compliance								801 637-5050		91 11 30		
TYPED OR PRINTED						OFFICER OR AUTHORIZED AGENT		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 **BEAVER CREEK COAL--GSDY #2**  
 Facility Name/Location  
 ADDRESS **P.O. BOX 1378**  
**PRICE** **OF 84501**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)  
 (12-16) (17-19)

**076040004**  
 PERMIT NUMBER

**001 A**  
 DISCHARGE NUMBER

**P - FINAL**  
**SDO PND OTPLL-NO FRK/GRDN CRK**

FACILITY  
 LOCATION

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	91	11	01		91	11	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

**MINOR**  
 NOTE: Read instructions before completing this form.

ATTN: DAN W. GUY, MANAGER

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			
SANITARY WASTE DISCHARGED-ASSESSMENT 45614 1 0 0	SAMPLE MEASUREMENT	*****			*****	*****	*****				
EFFLUENT GROSS VALUE 70295 0 0 0	PERMIT REQUIREMENT	*****	DAILY MX	TSS=1 NO=0	*****	*****	*****	****		ONCE/ MONTH	VISUAL
DISSOLVED SOLIDS, TOTAL 70295 0 0 0	SAMPLE MEASUREMENT	*****			*****	*****					
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	2000 DAILY MX	LBS/DY	*****	*****	REPORT DAILY MX	MG/L		ONCE/ MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Dan W. Guy  
 Permitting & Compliance  
 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  
 801 637-5050  
 AREA CODE NUMBER  
 DATE  
 91 11 30  
 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 ADDRESS (Include Facility Name/Location) (if different)  
 NAME BRAVE CREEK COAL--GRDN #2  
 ADDRESS P.O. BOX 1378  
 PRICE UT 84501

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)  
 (2-16) (17-19)  
 DTG040004 001 A  
 PERMIT NUMBER DISCHARGE NUMBER

P - FINAL  
 SED PND DTPLL-NO FRK/GRDN CRK

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
91	12	01	91	12	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

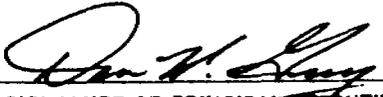
FACILITY \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
 ATTN: DAN W. GUY, MANAGER

MINOR 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			
FLOW RATE		NO DISCHARGE			*****					
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	***	ONCE/	GRAB
PH	SAMPLE MEASUREMENT	*****	*****			*****				
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.5	*****	9.0	***	TWICE/	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****					
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	25	70	***	ONCE/	GRAB
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****				
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5	***	ONCE/	GRAB
OIL AND GREASE FRESH EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****		*****	*****				
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10	***	ONCE/	GRAB
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****				
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	2.0	***	ONCE/	GRAB
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL	SAMPLE MEASUREMENT	*****			*****	*****	*****			
45613 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****		RES=1	*****	*****	*****	***	ONCE/	VISUAL
				NO=0				***		

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Dan W. Guy  
 Permitting & Compliance  
 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  
 801 637-5050 91 12 31  
 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 **BEAVIS CREEK COAL--GRDN #2**  
 Facility Name/Location (Include Year) **Q. BOX 1379**  
 ADDRESS **PRICE** **OT 84501**

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

**UFG040004** (2-16) **001 A** (17-19)  
 PERMIT NUMBER DISCHARGE NUMBER

**F - FINAL**  
**SED PND DTLL-NO FRK/GRDN CRK**

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

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	91	12	01		91	12	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

**MINOR**  
 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 (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SANITARY WASTE DISCHARGED-ASSESSMNT #5614 1 0 0		*****			*****	*****	*****				
EFFLUENT GROSS VALUE SOLIDS, TOTAL DISSOLVED 70295 0 0 0 SEE COMMENTS BELOW		*****	2000	DAILY MK LBS/DY	*****	*****	REPORT DAILY MK NG/L	***	ONCE/ MONTH	VISUAL	
		*****			*****	*****		***	ONCE/ MONTH	SNAB	
		*****			*****	*****		***			
		*****			*****	*****		***			
		*****			*****	*****		***			
		*****			*****	*****		***			
		*****			*****	*****		***			
		*****			*****	*****		***			
		*****			*****	*****		***			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**Dan W. Guy**  
 Permitting & Compliance  
 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 **801 637-5050**  
 DATE **91 12 31**  
 AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
**TDS IS LIMITED TO ONE PPM 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**  
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 31, 1991

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, [REDACTED], UTG040005, UTG040014 and UTG040015. These reports are on the preprinted DMRs provided by the State of Utah, and cover the third quarter of 1991.

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

Respectfully,

Dan W. Guy  
Manager Permitting/Compliance

DWG/rs

Enclosures

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

**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 31, 1991

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 1991.

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

Respectfully,

Dan W. Guy  
Manager Permitting/Compliance

DWG/rs

Enclosures

**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 31, 1991

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

Dear Mr. Braxton:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Company's UPDES Permit Numbers 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 1991.

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

Respectfully,

Dan W. Guy  
Manager Permitting/Compliance

DWG/rs

Enclosures

PERMITTEE NAME: ADDRESS (Include Facility Name & Location) different  
 ADDRESS: P.O. BOX 137A  
 PRICE: CT 84501

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

21004000  
 PERMIT NUMBER

0118  
 DISCHARGE NUMBER

FINAL

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	91	07	31		91	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

MINOR

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		NO	DISCHARGE		*****	*****	*****				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30 DA AV	REPORT DAILY MX	GPD	*****	*****	*****	***		ONCE/MONTH	WASRD
PH	SAMPLE MEASUREMENT	*****	*****			*****					
00000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.5 DAILY MX	*****	9.0 DAILY MX	SU		ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****						
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	25 30 DA AV	70 DAILY MX	MG/L		ONCE/MONTH	GRAB
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****					
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5 DAILY MX	ML/L		ONCE/MONTH	GRAB
OIL AND GREASE FROM EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****		*****	*****					
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10 DAILY MX	MG/L		ONCE/MONTH	GRAB
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****					
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	2.0 DAILY MX	MG/L		ONCE/MONTH	GRAB
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL	SAMPLE MEASUREMENT	*****			*****	*****	*****				
45613 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	0	YES=1 NO=0	*****	*****	*****	***		ONCE/MONTH	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER:  
 Dan W. Guy  
 Permitting & Compliance

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: *Dan W. Guy*

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
801	637-5050	91	07	31

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 BOX.

PERMITTEE NAME: ADDRESS (Include Facility Name) if different  
 NAME: G. COOK COAL--GRDN #2  
 ADDRESS: O. BOX 1379  
 PRICE: UT 84501

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

DTG040304

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL  
 SED PND OFFLL-NO PRK/GRDN CRK

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	91	07	01		91	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

MINOR

NOTE: Read instructions before completing this form.

ATTN: DAN W. GUY, MANAGER

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			
SANITARY WASTE DISCHARGED-ASSESSMNT	*****				*****	*****	*****				
45614 1 0 0	PERMIT REQUIREMENT	*****		YES=1 DAILY MX NO=0	*****	*****	*****	***		ONCE/ VISUAL MONTH	
PPFLOENT GROSS VALUF	SAMPLE MEASUREMENT	*****			*****	*****					
SOLIDS, TOTAL DISSOLVED	PERMIT REQUIREMENT	*****	2000	DAILY MX LBS/DY	*****	*****	REPORT DAILY MX	MG/L		ONCE/ GRAB MONTH	
70295 0 0 0	SAMPLE MEASUREMENT										
SEE COMMENTS BELOW	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Dan W. Guy  
 Permitting & Compliance  
 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: 801 637-5050  
 DATE: 91 07 31  
 AREA CODE: 801 NUMBER: 637-5050 YEAR: 91 MO: 07 DAY: 31

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 ADDRESS (Include Facility Name/Location if different)  
 NAME RT R CORPZ COAL--GRDN #2  
 ADDRESS O. BOX 1378  
 PPTCF DT 04501

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

DFG030004  
 PERMIT NUMBER

001 A  
 DISCHARGE NUMBER

F - FINAL  
 SED PND DTPLL-NO FRK/GRDN CRK

MONITORING PERIOD							
YEAR	MO	DAY	TO	YEAR	MO	DAY	
91	08	31		91	08	31	
(20-21)		(22-23)		(24-25)		(26-27)	
				(28-29)		(30-31)	

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

MINOR  
 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		NO DISCHARGE			*****	*****	*****				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30 DA AV	REPORT DAILY MX	GPD	*****	*****	*****	***		ONCE/ MONTH	HEARD
PH	SAMPLE MEASUREMENT	*****	*****			*****					
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.5	*****	9.0			TWICE/ GRAB	MONTH
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****						
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	25	70			ONCE/ GRAB	MONTH
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****					
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5			ONCE/ GRAB	MONTH
OIL AND GREASE FROM EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****		*****	*****					
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10			ONCE/ GRAB	MONTH
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****					
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	2.0			ONCE/ GRAB	MONTH
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL	SAMPLE MEASUREMENT	*****			*****	*****	*****				
45613 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	YES=1	NO=0	*****	*****	*****	***		ONCE/ VISUAL	MONTH

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Dan W. Guy  
 Permitting & Compliance  
 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 801 637-5050  
 DATE 91 08 31  
 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: **RE** ADDRESS (Include Facility Name/L...): **6 CREEK COAL--GRDN #2**  
 ADDRESS: **P.O. BOX 1378**  
**PRICP** **OT 84501**

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

**UFG040004**

PERMIT NUMBER

**001 A**

DISCHARGE NUMBER

F - FINAL  
 SED PND OTPLL-NO PRK/GRDN CRK

FACILITY \_\_\_\_\_  
 LOCATION \_\_\_\_\_

MONITORING PERIOD							
YEAR	MO	DAY	TO	YEAR	MO	DAY	
91	08	01		91	08	31	
(20-21)		(22-23)		(24-25)		(26-27)	
		(28-29)		(30-31)			

MINOR

NOTE: Read instructions before completing this form.

ATTN: DAN W. GUY, MANAGER

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			
SANITARY WASTE DISCHARGED-ASSESSMNT		*****			*****	*****	*****				
45614 1 0 0	PERMIT REQUIREMENT	*****		YES=1 DAILY MK NO=0	*****	*****	*****	***		ONCE/ MONTH	VISUAL
EFFLUENT GROSS VALUE SOLIDS, TOTAL DISSOLVED		*****			*****	*****					
70295 0 0 0	PERMIT REQUIREMENT	*****	2000	DAILY MK LBS/DY	*****	*****	REPORT DAILY MK MG/L			ONCE/ MONTH	GRAB
SEE COMMENTS BELOW	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER:  
 Dan W. Guy  
 Permitting & Compliance  
 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: 801 637-5050  
 DATE: 91 08 31  
 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**

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)



August 26, 1991

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

Attn: Mr. Steve McNiell

Re: UPDES Permit UTG040003  
Gordon Creek No. 2 Mine  
UPDES Permit UTG040004  
Trail Mountain Mine

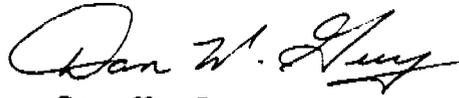
Dear Mr. Hilden:

At the request of Mr. McNiell, I have enclosed a revised copy of the applicable, above referenced discharge reports, showing the TDS values in pounds per day. The June flow value for the Gordon Creek No. 2 was extremely low (10.4 gallons per day); however, it was based on actual measurement.

In reference to the letter of non-compliance on TSS values for the Trail Mountain Mine, I neglected to state the period of non-compliance. Based on the sampling, the period of non-compliance was 5/28/91 to 6/25/91. The July sample shows the discharge to be back in compliance. I have included a copy of the preliminary lab report for July for your reference. The August discharge report is not yet available.

I hope this information will clear up any deficiencies in our reports. If you have any questions, or need any further information, please let me know.

Sincerely,



Dan W. Guy  
Mgr. Permitting/Compliance

DWG/pd

Enclosures

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

**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 31, 1991

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 Co., Trail Mountain Mine's UPDES Permit Numbers UTG040003, UTG040004, and UTG040005. These reports are on the preprinted DMRs provided by the State of Utah, and cover the second quarter of 1991.

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

Respectfully,

Dan W. Guy  
Mgr. Permitting/Compliance

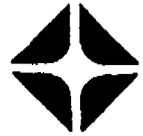
DWG/pd

Enclosures

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

**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 31, 1991

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

Dear Mr. Braxton:

Enclosed please find Quarterly Discharge Monitoring Reports for Mountain Coal Co., Trail Mountain Mine's UPDES Permit Numbers UTG040003, UTG040004, and UTG040005. These reports are on the preprinted DMRs provided by the State of Utah, and cover the second quarter of 1991.

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".

Dan W. Guy  
Mgr. Permitting/Compliance

DWG/pd

Enclosures

**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 31, 1991

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 Co., Trail Mountain Mine's UPDES Permit Numbers UTG040003, UTG040004, and UTG040005. These reports are on the preprinted DMRs provided by the State of Utah, and cover the second quarter of 1991.

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

Respectfully,

Dan W. Guy  
Mgr. Permitting/Compliance

DWG/pd

Enclosures

File 4-E-2-1

PERMITTEE NAME: ADDRESS (Include Facility Name, Location, & Differents)  
 NAME: ADDRESS: PRICE UT P4501

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

F - FINAL  
 SED AND DIFLL-NO PRE/GRDN CRK

FACILITY: LOCATION: ACTN: DAN W. BOY, MANAGER

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

MINOR 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) (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 00056 1 0 0	1728	1728			*****	*****	*****		1/M	Meas	
EFFLUENT GROSS VALUE 00056 1 0 0	REPORT 30 DA AV	REPORT DAILY MX	GPD		*****	*****	*****		ONCE/MONTH	GRAB	
SOLIDS, TOTAL SUSPENDED 00400 1 0 0	8.01				*****	*****	*****		1/M	GRAB	
EFFLUENT GROSS VALUE 00400 1 0 0	6.5				*****	*****	*****		ONCE/MONTH	GRAB	
SOLIDS, TOTAL SUSPENDED 00520 P 0 0	22				*****	*****	*****		1/M	LAB	
SEE COMMENTS BELOW	25				*****	*****	*****		ONCE/MONTH	GRAB	
SOLIDS, SETTLEABLE 00545 R 0 0	0.5				*****	*****	*****		1/M	LAB	
SEE COMMENTS BELOW	0.5				*****	*****	*****		ONCE/MONTH	GRAB	
OIL AND GREASE 00556 1 0 0	1.5				*****	*****	*****		1/M	LAB	
EFFLUENT GROSS VALUE 00556 1 0 0	10				*****	*****	*****		ONCE/MONTH	GRAB	
TOXIC, TOTAL (AS PE) 01045 1 0 0	.32				*****	*****	*****		1/M	GRAB	
EFFLUENT GROSS VALUE 01045 1 0 0	2.0				*****	*****	*****		ONCE/MONTH	GRAB	
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL 45513 1 0 0	0				*****	*****	*****		1/M	VISUAL GRAB	
EFFLUENT GROSS VALUE 45513 1 0 0	YES=1				*****	*****	*****		ONCE/MONTH	VISUAL	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 TYPED OR PRINTED

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

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: DATE: 9/07/31  
 AREA CODE: NUMBER: YEAR: MO: DAY:

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 100 IS LIMITED TO ONE FLOW 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/ADDRESS (Include Facility Name/Location if different)  
 NAME **BEAVER COAL--SPDN #2**  
 ADDRESS **PO BOX 1378**  
**PRICE** **UT 84501**

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

**00004004**  
 PERMIT NUMBER

**001 1**  
 DISCHARGE NUMBER

**E - FINAL**  
 SER AND 00PL-00 PER/SPDN 04

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
91	11	11	TO	91	09	31
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

FACILITY  
 LOCATION  
 ATTN: DAN W. SOY, MANAGER

MINOR  
 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 (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW RATE		1728	1728		*****	*****	*****			1/M	Meas
00056 1 0 0	PERMIT REQUIREMENT	REPORT 30 DA AV	REPORT DAILY MX	GPD	*****	*****	*****	***		ONCE/MONTH	MEASRD
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****								
00900 1 0 0	PERMIT REQUIREMENT	*****	*****	***	8.01	*****	8.1			1/M	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	5.5	*****	9.0			ONCE/MONTH	GRAB
00530 P 0 0	PERMIT REQUIREMENT	*****	*****	***	DAILY MX	*****	DAILY MX	SU		ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	22	22			1/M	LAB
00530 P 0 0	PERMIT REQUIREMENT	*****	*****	***	*****	25	70			ONCE/MONTH	GRAB
SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****	***	*****	30 DA AV	DAILY MX	MG/L		ONCE/MONTH	GRAB
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****	1.5			1/M	LAB
00545 R 0 0	PERMIT REQUIREMENT	*****	*****	***	*****	*****	2.5			ONCE/MONTH	GRAB
SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****	***	*****	*****	1.5			1/M	LAB
OIL AND GREASE FROM FVER-GRAY METH	SAMPLE MEASUREMENT	*****	*****		*****	*****	10			ONCE/MONTH	GRAB
00556 1 0 0	PERMIT REQUIREMENT	*****	*****	***	*****	*****	DAILY MX	MG/L		ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****	.32			1/M	GRAB
IRON, TOTAL (AS FE)	PERMIT REQUIREMENT	*****	*****	***	*****	*****	2.0			ONCE/MONTH	GRAB
01045 1 0 0	SAMPLE MEASUREMENT	*****	*****	***	*****	*****	*****			1/M	VISUAL
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	*****			ONCE/MONTH	GRAB
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL	SAMPLE MEASUREMENT	*****	0		*****	*****	*****			1/M	VISUAL
45613 1 0 0	PERMIT REQUIREMENT	*****	0	YES=1 NO=0	*****	*****	*****	***		ONCE/MONTH	VISUAL
EFFLUENT GROSS VALUE											

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 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. Soy*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
 DATE  
 91 07 31  
 AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 SDC 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/ADDRESS (Include Facility Name/Location if different)  
 NAME **PE** **GREEN COAL--GRDN #2**  
 ADDRESS **P.O. BOX 137**  
**PRICE** **UT 64501**

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

**DIG040004** **001 A**  
 PERMIT NUMBER DISCHARGE NUMBER

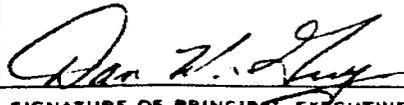
**P - FUEL**  
**550 PND 0PFLL-50 PRK/GRDN CRK**

FACILITY \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
**NOTE: DAN W. GUY, MANAGER**

MONITORING PERIOD  
 FROM YEAR **91** MO **04** DAY **01** TO YEAR **91** MO **04** DAY **30**  
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

**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			
SEWAGE TREATMENT PLANT DISCHARGE-ASSESSMENT 45514 1 0 0		*****	0	YES=1 DAILY MX NO=0	*****	*****	*****		1/M	VISUAL
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****			*****	*****	*****		INCR/ MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED 70295 0 0 0		*****	5.82	YES=1 DAILY MX LBS/DY	*****	*****	404	MG/L	1/M	VIS/AB
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	2000		*****	*****	REPORT DAILY MX	MG/L	INCR/ MONTH	STRIP
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  Dan W. Guy Manager/ P & C  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		DATE		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	AREA CODE	NUMBER	YEAR	MO

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

PERMITTEE NAME ADDRESS (Include Facility Name/Local. if different)  
 NAME **PELV** **SEAWAY COAL--TRUCK 12**  
 ADDRESS **P.O. BOX 137**  
**PRIST** **UT 84501**

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

**BIG040004**  
 PERMIT NUMBER

**001 A**  
 DISCHARGE NUMBER

**0 - 5144**  
**504 PND 0044-AD PPK/3 JAN 82**

**MONITORING PERIOD**  
 FROM **91 04 01** TO **91 04 30**  
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

FACILITY \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
 APPLICANT: **DAN W. GUY, MANAGER**

**NOTE: Read instructions before completing this form.**

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SANITARY WASTE DISCHARGE-ASSESSMENT 45614 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	0	YES=1	*****	*****	*****			1/M	VISUAL
	PERMIT REQUIREMENT	*****	DAILY MX	NO=0	*****	*****	*****	***		ONCE/MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED 70295 0 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	404		*****	*****	404	MG/L		1/M	VCSAB
	PERMIT REQUIREMENT	*****	2000	DAILY MX LBS/DY	*****	*****	REPORT DAILY MX	45/L		ONCE/MONTH	VCSAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**Dan W. Guy**  
 Manager / P & C  
 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 **301 637-5050**  
 DATE **91 04 31**  
 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 DUFFALS. DURING PRECIPITATION EVENTS, SPILLPAPER SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT "DOES NOT APPLY" IN THE APPROPRIATE BOX.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
 NAME **PPA** **CP&PH COLL--GRV #2**  
 ADDRESS **P.O. BOX 1378**  
**PRICE** **UT 34501**

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

PERMIT NUMBER **UT60400** (2-1)  
 DISCHARGE NUMBER **001 A** (17-19)

P - FINAL  
 GRD DMB 07ELL-NO 000, NO 000

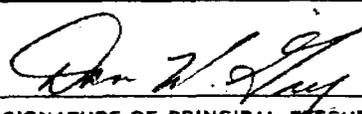
MONITORING PERIOD

FROM YEAR **91** MO **07** DAY **31** TO YEAR **91** MO **07** DAY **31**  
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MINOR

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 (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW RATE 00056 1 0 0	NO FLOW				*****	*****	*****				
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30 DA AV	REPORT DAILY MX	GPD	*****	*****	*****	***		ONCE/MONTH	GRAB
PH	SAMPLE MEASUREMENT	*****	*****			*****					
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.5	*****	9.0			ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED 00530 P 0 0	SAMPLE MEASUREMENT	*****	*****	***	*****	25	70			ONCE/MONTH	GRAB
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	30 DA AV	DAILY MX	MG/L		ONCE/MONTH	GRAB
SOLIDS, SETTLEABLE 00545 R 0 0	SAMPLE MEASUREMENT	*****	*****	***	*****	*****	0.5			ONCE/MONTH	GRAB
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	*****	DAILY MX	ML/L		ONCE/MONTH	GRAB
OIL AND GREASE 00556 1 0 0	SAMPLE MEASUREMENT	*****	*****	***	*****	*****	10			ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	DAILY MX	MG/L		ONCE/MONTH	GRAB
IRON, TOTAL (AS FE) 01045 1 0 0	SAMPLE MEASUREMENT	*****	*****	***	*****	*****	2.0			ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	DAILY MX	MG/L		ONCE/MONTH	GRAB
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL 45613 1 0 0	SAMPLE MEASUREMENT	*****			*****	*****	*****	***		ONCE/MONTH	VISUAL
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	0	YES=1 NO=0	*****	*****	*****	***		ONCE/MONTH	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  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  NUMBER	DATE		
			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	AREA CODE	YEAR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 FLOW 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/Local Address) **BEEL CREEK COAL--SEDA #2**  
 ADDRESS **P.O. BOX 1378**  
**PRICE** **07 04501**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) **DISCHARGE MONITORING REPORT (DMR)**  
 (17-19)  
**076040004**  
**PERMIT NUMBER**

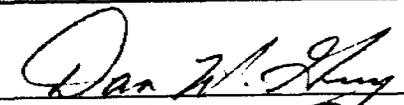
**P - FINAL**  
**SED PNO 07604-NO FRK/GRON CRK**

**MONITORING PERIOD**  
 FROM **91 05 31** TO **91 05 31**  
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

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

**MINOR**  
**NOTE: Read instructions before completing this form.**

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SANITARY WASTE DISCHARGED-ASSESSMENT 45614 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****			*****	*****	*****				
	PERMIT REQUIREMENT	*****		YES=1 DAILY MX NO=0	*****	*****	*****	*** ****		ONCE/ VISUAL MONTH	
SOLIDS, TOTAL DISSOLVED 70295 0 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****			*****	*****					
	PERMIT REQUIREMENT	*****	2000	DAILY MX LBS/DY	*****	*****	REPORT DAILY MX MG/L	*** ****		ONCE/ 30 DAY MONTH	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <b>Dan W. Guy</b> Manager/ P & C	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		
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO

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

PERMITTEE NAME: ADDRESS (Include Facility Name) (If different)  
 NAME: PRICE  
 ADDRESS: P.O. BOX 1378  
 PRICE: UT 64501

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

UT0300004  
 PERMIT NUMBER

001 E  
 DISCHARGE NUMBER

F - RIVAL  
 SED PVD 01ELL-NO PRE/GRAB CKE

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
91	05	31		91	05	30
(20-21)			(22-23)			(24-25)
						(26-27)
						(28-29)
						(30-31)

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

MINOR  
 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			10.368	GPD	*****	*****	*****			1/M	Meas.
00055 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30 DA AV	REPORT DAILY MX	SPD	*****	*****	*****	***	***	ONCE/ MONTH	GRAB
00430 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		7.7	*****	8.02			1/M	LAB
00530 P 0 0 SOLIDS, TOTAL SUSPENDED	PERMIT REQUIREMENT	*****	*****	***	6.5	*****	9.0	***	***	ONCE/ MONTH	GRAB
SEE COMMENTS BELOW SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		DAILY MX	*****	DAILY MX	SU		1/M	LAB
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	25	70	***	***	ONCE/ MONTH	GRAB
00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****	*****			1/M	LAB
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10	***	***	ONCE/ MONTH	GRAB
01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****	.32			1/M	LAB
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	2.0	***	***	ONCE/ MONTH	GRAB
05613 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	0		*****	*****	*****			1/M	VISUAL
05613 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	0	YES=1 NO=0	*****	*****	*****	***	***	ONCE/ MONTH	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER:  
 Dan W. Guy  
 Manager/ P & C  
 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: 801 637-5050  
 DATE: 91 07 31  
 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.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
 REVER CREEK COLL--SEDF #2  
 ADDRESS P.O. BOX 1376  
 PRICE \_\_\_\_\_ UT 84501

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)  
 (2-16) (17-19)  
 076040000  
 PERMIT NUMBER  
 001 4  
 DISCHARGE NUMBER

P - FINAL  
 REP AND OPFL-NO PPR/001

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

MONITORING PERIOD  
 FROM YEAR 91 MO 05 DAY 01 TO YEAR 91 MO 05 DAY 01  
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MINOR  
 NOTE: Read instructions before completing

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQU. OF ANAL. (64-65)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS		
SANITARY WASTE DISCHARGED-ASSESSMNT 45614 1 0 0	SAMPLE MEASUREMENT	*****			*****	*****	*****			
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	0	DAILY MK YES=1 NO=0	*****	*****	*****	***		ONCE NON
SOLIDS, TOTAL DISSOLVED 70295 0 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****			*****	*****				
	PERMIT REQUIREMENT	*****	2000	DAILY MK LBS/DY	*****	*****	REPORT DAILY MK MG/L	***		ONCE NON
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Dan W. Guy  
 Manager/ P & C  
 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  
 Dan W. Guy  
 TELEPHONE  
 801 636-5050 91  
 AREA CODE NUMBER YEAR

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

PERMITTEE NAME **RES (Include Facility Name/Location)**  
**NAME** BEAVER CREEK COAL--SPDN #2  
**ADDRESS** P.O. BOX 1378  
PRICE UT 84501

NATIONAL POLLUTANT DISCHARGE MONITORING REPORT (NPDES) (DMR) (17-19)

**UTG040004**  
**PERMIT NUMBER**

**001 A**  
**DISCHARGE NUMBER**

**F - SIGNAL**  
**SER NO DTPLI-NO FRZ/SPDN CRF**

**MONITORING PERIOD**

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	91	05	31		91	05	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

**MINOR**  
**NOTE: Read instructions before completing this form.**

**FACILITY**  
**LOCATION**  
**OPER: 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	UNITS			
FLOW RATE			10.368	GPD	*****	*****	*****			1/M Meas.	
00055 1 0 0	PERMIT REQUIREMENT	REPORT 30 DA AV	REPORT DAILY MX	GPD	*****	*****	*****	****	****	ONCE/ MONTH	
EFFLUENT GROSS VALUE		*****	*****								
PH					7.7		8.02			1/M LAB	
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.5	*****	9.0	DAILY MX	5'	ONCE/ MONTH	
EFFLUENT GROSS VALUE		*****	*****	****	DAILY MX						
SOLIDS, TOTAL SUSPENDED		*****	*****	****	*****	17	12			1/M LAB	
00530 P 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	25	70	30 DA AV	DAILY MX	ONCE/ MONTH	
SEE COMMENTS BELOW		*****	*****	****	*****	*****	*****				
SOLIDS, SETTLABLE		*****	*****	****	*****	*****	5			1/M CRAB	
00545 R 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.5	DAILY MX	"L/L	ONCE/ MONTH	
SEE COMMENTS BELOW		*****	*****	****	*****	*****	*****				
OIL AND GREASE		*****	*****	****	*****	*****	-5			1/M LAB	
FROM EXTR-GRAV METH		*****	*****	****	*****	*****	10	DAILY MX	MG/L	ONCE/ MONTH	
00556 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****				
EFFLUENT GROSS VALUE		*****	*****	****	*****	*****	*****				
IRON, TOTAL (AS FE)		*****	*****	****	*****	*****	.32			1/M LAB	
01045 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	2.0	DAILY MX	"G/L	ONCE/ MONTH	
EFFLUENT GROSS VALUE		*****	*****	****	*****	*****	*****				
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL		*****	0		*****	*****	*****			1/M VISUAL	
45613 1 0 0	PERMIT REQUIREMENT	*****	0	YES=1 NO=0	*****	*****	*****	****	****	ONCE/ MONTH	
EFFLUENT GROSS VALUE		*****	*****	****	*****	*****	*****				

**NAME/TITLE PRINCIPAL EXECUTIVE OFFICER**  
**Dan W. Guy**  
**Manager/ P & C**  
**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**

<b>TELEPHONE</b>		<b>DATE</b>		
801	637-5050	91	07	31
<b>AREA CODE</b>	<b>NUMBER</b>	<b>YEAR</b>	<b>MO</b>	<b>DAY</b>

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

PERMITTEE NAME (Include Facility Name/Location if different)  
 NAME **SFC CREEK COAL--3404 12**  
 ADDRESS **P.O. BOX 137A**  
 PRICE **07 24531**

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

073040094  
 PERMIT NUMBER

001 A  
 DISCHARGE NUMBER

F - FINAL  
 SSD PID DTFL-NO 785/3RDR CRK

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

MONITORING PERIOD							
YEAR	MO	DAY	TO	YEAR	MO	DAY	
91	06	31		91	06	30	
(20-21)		(22-23)		(24-25)		(26-27)	
		(28-29)		(30-31)			

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			
SEWAGE TREATMENT PLANT DISCHARGE-ASSESSMENT		*****	0	YES=1 NO=0	*****	*****	*****			1/M	VISUAL
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	DAILY MX		*****	*****	*****	***		ONCE/MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	*****	0.05		*****	*****	602	MG/L		1/M	LAB
70295 0 0 0	PERMIT REQUIREMENT	*****	2000	DAILY MX LBS/DY	*****	*****	REPORT DAILY MX	MG/L		ONCE/MONTH	LAB
SEE COMMENTS BELOW	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  Dan W. Guy Manager/ P & C  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  801 637-5050	DATE		
			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  <i>Dan W. Guy</i>	AREA CODE	NUMBER

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 ADDRESS (Include Facility Name/Location if different)  
 NAME **BFA CREEK COAL--BRN 12**  
 ADDRESS **P.O. BOX 137A**  
 PRICE **07 84531**

NATIONAL POLLUTANT DISCHARGE MONITORING (NPDES) (DMR) (17-19)  
**070040004**  
 PERMIT NUMBER

**001 A**  
 DISCHARGE NUMBER

**MONITORING PERIOD**

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	91	06	31		91	06	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

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			
SANITARY WASTE DISCHARGED-ASSESSMENT 45614 1 0 0 EFFLUENT GROSS VALUE	*****	0		YES=1 NO=0	*****	*****	*****		1/M	VISUAL
SOLIDS, TOTAL DISSOLVED 70295 0 0 0 SEE COMMENTS BELOW	*****	602	MG/L		*****	*****	602	MG/L	1/M	LAB
	*****	2000	LBS/DY		*****	*****	REPORT DAILY	MG/L	ONCE/MONTH	GRAB
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <b>Dan W. Guy Manager/ P &amp; C</b>	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			
TYPED OR PRINTED		<i>Dan W. Guy</i> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	801 AREA CODE	637-5050 NUMBER	91 YEAR	09 MO

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

**BEAVER CREEK Coal Company**

Post Office Box 1378  
Price, Utah 84501  
Telephone 801 637-5050



April 29, 1991

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 Beaver Creek Coal Company's UPDES Permit Numbers UTG040003, UTG040004, and UTG040005. These reports are on the preprinted DMRs provided by the State of Utah, and cover the first quarter of 1991.

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  
Mgr. Permitting/Compliance

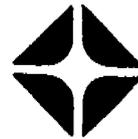
DWG/pd

Enclosures

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

**BEAVER CREEK Coal Company**

Post Office Box 1378  
Price, Utah 84501  
Telephone 801 637-5050



April 29, 1991

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 Beaver Creek Coal Company's UPDES Permit Numbers UTG040003, UTG040004, and UTG040005. These reports are on the preprinted DMRs provided by the State of Utah, and cover the first quarter of 1991.

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  
Mgr. Permitting/Compliance

DWG/pd

Enclosures

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

**BEAVER CREEK Coal Company**

Post Office Box 1378  
Price, Utah 84501  
Telephone 801 637-5050



April 29, 1991

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

Dear Mr. Braxton:

Enclosed please find Quarterly Discharge Monitoring Reports for Beaver Creek Coal Company's UPDES Permit Numbers UTG040003, UTG040004, and UTG040005. These reports are on the preprinted DMRs provided by the State of Utah, and cover the first quarter of 1991.

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  
Mgr. Permitting/Compliance

DWG/pd

Enclosures

**BEAVER CREEK Coal Company**

Post Office Box 1378  
Price, Utah 84501  
Telephone 801 637-5050



April 29, 1991

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 Beaver Creek Coal Company's UPDES Permit Numbers UTG040003, UTG040004, and UTG040005. These reports are on the preprinted DMRs provided by the State of Utah, and cover the first quarter of 1991.

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

Respectfully,

Dan W. Guy  
Mgr. Permitting/Compliance

DWG/pd

Enclosures

File 4-E-2-1

PERMITTEE NAME ADDRESS (Include Facility Name/Loc. if different)  
 NAME BECK COAL COAL--GRDN #2  
 ADDRESS P.O. BOX 1378  
PRICE OT 84501

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

P - FINAL  
 SED PND 01FLL-NO FRK/GRDN CRK

016040004  
 PERMIT NUMBER

001 A  
 DISCHARGE NUMBER

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

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	91	01	31		91	01	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

MINOR  
 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 (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		NO DISCHARGE			*****	*****	*****				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30 DA AV	REPORT DAILY MX	GPD	*****	*****	*****	***	ONCE/ MONTH	MEASRD	
PH	SAMPLE MEASUREMENT	*****	*****			*****					
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.5	*****	9.0	***	TRICE/ GRAB MONTH	GRAB	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****						
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	25	70	***	ONCE/ GRAB MONTH	GRAB	
SOLIDS, SETTLABLE	SAMPLE MEASUREMENT	*****	*****		*****	30 DA AV	DAILY MX	MG/L			
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5	***	ONCE/ GRAB MONTH	GRAB	
OIL AND GREASE	SAMPLE MEASUREMENT	*****	*****		*****	*****					
FREON EXTR-GRAV METH	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10	***	ONCE/ GRAB MONTH	GRAB	
00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****					
IRON, TOTAL (AS FE)	PERMIT REQUIREMENT	*****	*****	***	*****	*****	2.0	***	ONCE/ GRAB MONTH	GRAB	
01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****					
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL	PERMIT REQUIREMENT	*****	*****	YES=1	*****	*****	*****	***	ONCE/ VISUAL MONTH	VISUAL	
45513 1 0 0 EFFLUENT GROSS VALUE			DAILY MX	NO=0							

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
Dan W. Guy  
 Manager Permitting & Compliance  
 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 (Proalties 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  
 801 637-5050  
 AREA CODE NUMBER  
 DATE  
 91 04 22  
 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, SETTLABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT "DOES NOT APPLY" IN THE APPROPRIATE ROW.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
 NAME **BECK COAL COAL--GRDN #2**  
 ADDRESS **P.O. BOX 1378**  
 PRICE **DT 84501**

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

**UTG040004**  
 PERMIT NUMBER

**001 A**  
 DISCHARGE NUMBER

**F - FINAL**  
**SED PRD DTPLL-NO PRK/GRDN CRK**

FACILITY \_\_\_\_\_  
 LOCATION \_\_\_\_\_

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	91	01	31		91	01	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

**MINOR**  
 NOTE: Read instructions before completing this form.

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	UNITS			
SANITARY WASTE DISCHARGED-ASSESSMNT 45614 1 0 0	*****				*****	*****	*****				
EFFLUENT GROSS VALUE	*****	0	YES=1	DAILY MX NO=0	*****	*****	*****	***		ONCE/ VISUAL MONTH	
SOLIDS, TOTAL DISSOLVED 70295 0 0 0 SEE COMMENTS BELOW	*****	2000		DAILY MX LBS/DY	*****	*****	REPOST	***		ONCE/ GRAB MONTH	
	*****						DAILY MX MG/L	***			
	*****										
	*****										
	*****										
	*****										
	*****										
	*****										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Dan W. Guy  
 Manager Permitting & Compliance  
 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 | 637-5050  
 AREA CODE | NUMBER

DATE  
 91 | 04 | 22  
 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: R CREEK COAL--GRDN #2  
 ADDRESS: P.O. BOX 1378  
 PRICE: UT 84501

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

UTG040004

001 A

PERMIT NUMBER

DISCHARGE NUMBER

F - FINAL  
 SED PND 01PLL-EO PRK/GRDN CRK

FACILITY: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
91	02	01		91	02	28
(20-21)		(22-23)		(24-25)		(26-27)
				(28-29)		(30-31)

MINOR

ATTN: DAN W. GUY, MANAGER

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		NO	DISCHARGE		*****	*****	*****				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30 DA AV	REPORT DAILY MX	GPD	*****	*****	*****	***		ONCE/ MONTH	GRAB
PH	SAMPLE MEASUREMENT	*****	*****			*****					
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	*****	*****		*****						
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	25	70			ONCE/ MONTH	GRAB
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****					
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5 DAILY MX	ML/L		ONCE/ MONTH	GRAB
OIL AND GREASE	SAMPLE MEASUREMENT	*****	*****		*****	*****					
FREON EXTR-GRAV METH	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10			ONCE/ MONTH	GRAB
00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****					
IRON, TOTAL (AS FE)	PERMIT REQUIREMENT	*****	*****	***	*****	*****	2.0 DAILY MX	MG/L		ONCE/ MONTH	GRAB
01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****					
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL	PERMIT REQUIREMENT	*****	0	YES=1 NO=0	*****	*****	*****	***		ONCE/ MONTH	VISUAL
45613 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****					

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Dan W. Guy  
 Manager Permitting & Compliance  
 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: 801 637-5050  
 DATE: 91 04 22  
 AREA CODE: 801 NUMBER: 637-5050 YEAR: 91 MO: 04 DAY: 22

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 ADDRESS (Include Facility Name/Location if different)  
 NAME **HEI CREEK COAL--GRDN #2**  
 ADDRESS **O. BOX 1378**  
 PRICE **DT 84501**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)  
 (2-17-19)  
**DFG040004** **001 A**  
 PERMIT NUMBER DISCHARGE NUMBER

F - FINAL  
 SED PND 01FLL-NO FRK/GRDN CRK

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

MONITORING PERIOD  
 FROM YEAR **91** MO **02** DAY **31** TO YEAR **91** MO **02** DAY **28**  
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

**MINOR**  
 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			
SANITARY WASTE DISCHARGED-ASSESSMENT 45614 1 0 0	SAMPLE MEASUREMENT	*****			*****	*****	*****			
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	0	DAILY MX YES=1 NO=0	*****	*****	*****	***	ONCE/MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED 70295 0 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****			*****	*****				
	PERMIT REQUIREMENT	*****	2000	DAILY MX LBS/DY	*****	*****	REPORT DAILY MX MG/L		ONCE/MONTH	GRAB
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**Dan W. Guy**  
 Manager Permitting & Compliance  
 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 **801 637-5050** DATE **91 04 22**  
 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/ADDRESS (Include Facility Name/Location if different)  
 NAME 9E P COKE COAL--GRDN #2  
 ADDRESS 200 BOX 1379  
 PRICE UT 84501

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

UTG040004  
 PERMIT NUMBER

001 A  
 DISCHARGE NUMBER

F - FINAL  
 SED PND DTPLL-NO PRK/GRDN CRK

FACILITY \_\_\_\_\_  
 LOCATION \_\_\_\_\_

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	91	03	01		91	03	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

MINOR  
 NOTE: Read instructions before completing this form.

ATTN: DAN W. GUY, MANAGER

PARAMETER (32-37)	X	(3 Card Only) (46-53) QUANTITY OR LOADING (34-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (34-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW RATE		NO DISCHARGE			*****	*****	*****			
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30 DA AV	REPORT DAILY MX	GPD	*****	*****	*****	***	ONCE/ MONTH	HEASRD
PH	SAMPLE MEASUREMENT	*****	*****			*****				
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.5	*****	9.0	***	TWICE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****					
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	25	70	***	ONCE/ MONTH	GRAB
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****				
00545 R 0 0 SEE COMMENTS 9PLOW	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5	***	ONCE/ MONTH	GRAB
OIL AND GREASE FRESH EXTR-GRAY METH	SAMPLE MEASUREMENT	*****	*****		*****	*****				
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10	***	ONCE/ MONTH	GRAB
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****				
C1045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	2.0	***	ONCE/ MONTH	GRAB
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL	SAMPLE MEASUREMENT	*****			*****	*****	*****			
45613 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	0	YES=1 DAILY MX NO=0	*****	*****	*****	***	ONCE/ MONTH	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Dan W. Guy  
 Manager Permitting & Compliance  
 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  
 801 637-5050  
 DATE  
 91 04 22  
 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/ADDRESS (Include Facility Name/Location if different)  
 NAME BEAR CREEK COAL--GRDN #2  
 ADDRESS P.O. BOX 1379  
PRICE 05 84501

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

UTG040004  
 PERMIT NUMBER

001 A  
 DISCHARGE NUMBER

F - FINAL  
 SED PND 01FLL-NO PRK/GRDN CRK

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	91	03	01		91	03	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

MINOR 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 (34-43)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (38-43)	AVERAGE (46-53)	MAXIMUM (54-61)			
SANITARY WASTE DISCHARGED-ASSESSMNT 45614 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****			*****	*****	*****			
	PERMIT REQUIREMENT	*****	0	YES=1 DAILY MX NO=0	*****	*****	*****	*** ****	ONCE/ MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED 70295 0 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****			*****	*****				
	PERMIT REQUIREMENT	*****	2000	DAILY MX LBS/DY	*****	*****	REPORT DAILY MX 15/L		ONCE/ MONTH	GRAB
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Dan W. Guy  
 Manager Permitting & Compliance  
 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 5 years.)

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

TELEPHONE: 801 | 637-5050  
 DATE: 91 | 04 | 22  
 AREA CODE | NUMBER | YEAR | MO | DAY

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

POND INSPECTION REPORT

POND: 2

LOCATION: Carroll 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 - minor blurring on inlet</u>
(5) Recommendations/Comments	<u>Good Program 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]

11/22/91  
Date

POND INSPECTION REPORT

POND: 7-A

LOCATION: London Creek

<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 - Pond being cleaned - 60% Temp'd</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]

4/12/91  
Date

POND INSPECTION REPORT

POND:

*Lux*

LOCATION:

*Carbon Creek*

ITEM

REMARKS

(1) Potential Safety Hazards

*None*

(2) Slope Stability

*Stable*

(3) Erosion

*None*

(4) Construction and Maintenance Performance Standards

*Good - 4" Top -  
4" to 6" Snow Bank*

(5) Recommendations/Comments

*None*

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

*[Signature]*

*4/22/01*  
Date

E.I.S Hydrology  
Pond Inspection Report

POND: #2

LOCATION: Redon Brook

ITEM

REMARKS

(1) Potential Safety Hazards

None

(2) Slope Stability

Stable

(3) Erosion

None

(4) Construction and Maintenance  
Performance Standards

Good

(5) Recommendations/Comments

No discharge pond  
at 40% water  
level

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

[Signature]  
Inspector

Date 02/29/91

E.I.S Hydrology  
Pond Inspection Report

POND: #7

LOCATION: Center Pond

ITEM

REMARKS

(1) Potential Safety Hazards

None

(2) Slope Stability

Good

(3) Erosion

None

(4) Construction and Maintenance  
Performance Standards

Good

(5) Recommendations/Comments

No Recommendations  
20% water level

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

[Signature]  
Inspector

07/29  
Date

E.I.S Hydrology  
Pond Inspection Report

POND: Lewis

LOCATION: Paulson Creek

ITEM

REMARKS

(1) Potential Safety Hazards

None

(2) Slope Stability

Stable

(3) Erosion

None

(4) Construction and Maintenance  
Performance Standards

Good

(5) Recommendations/Comments

No discharge pond - 10/11  
WWS - Pond Full -  
Clear -

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

10/13/11  
Date

E.I.S Hydrology  
Pond Inspection Report

POND: Peck

LOCATION: Peck Pond

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. Peck Pond Other than normal flow through clear</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 9/27/91

E.I.S Hydrology  
Pond Inspection Report

POND: 2

LOCATION: Golden Pond

ITEM	REMARKS
(1) Potential Safety Hazards	<u>None</u>
(2) Slope Stability	<u>Stable</u>
(3) Erosion	<u>None on inlet bank Minor - Minor</u>
(4) Construction and Maintenance Performance Standards	<u>Good</u>
(5) Recommendations/Comments	<u>No further work at this time</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 2/2/91

E.I.S Hydrology  
Pond Inspection Report

POND: 7.18

LOCATION: London Pond

ITEM

REMARKS

(1) Potential Safety Hazards

None

(2) Slope Stability

Stable

(3) Erosion

None

(4) Construction and Maintenance Performance Standards

Good - Pond may need cleaning, upper aluminum @ about 20

(5) Recommendations/Comments

No problem with pond at 20% water level. No inlets.

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

7/2/91  
Date

E.I.S Hydrology  
Pond Inspection Report

POND: 29

LOCATION: Indian Creek

<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 Pond @ 30% - Water Level</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

7/4/91  
Date

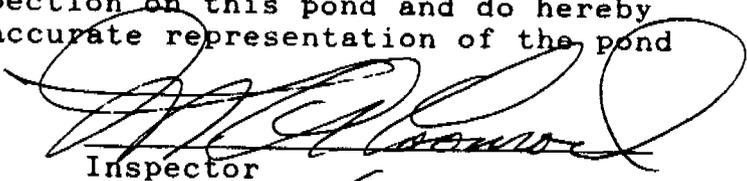
E.I.S Hydrology  
Pond Inspection Report

POND: # 7

LOCATION: Shelburne

<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>Pond has 8" water level</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 7/14/97

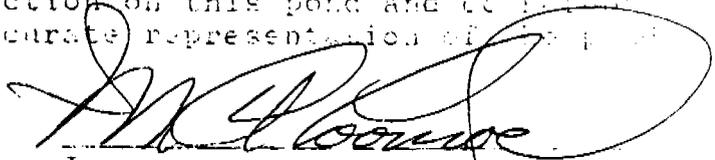
E.I.S Hydrology  
Pond Inspection Report

POND: # 2

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>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

4/9/91  
Date

E.I.S Hydrology  
Pond Inspection Report

POND: #7

LOCATION: #7 Mine

ITEM	REMARKS
(1) Potential Safety Hazards	<u>None</u>
(2) Slope Stability	<u>Stable - Snow Covered</u>
(3) Erosion	<u>None</u>
(4) Construction and Maintenance Performance Standards	<u>Good @ 85%</u>
(5) Recommendations/Comments	<u>Discharge Sample @ 12:30pm</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:

4/9/91  
Date

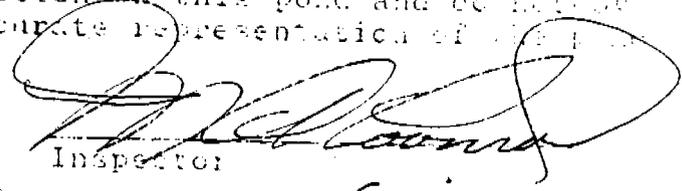
E.I.S Hydrology  
Pond Inspection Report

POND: Sweet's

LOCATION: London Park

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 - 50+ PV Painted</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.

  
Inspector:

Date: 4/9/91

E.I.S Hydrology  
Pond Inspection Report

POND:   Z  

LOCATION: London Park

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>No changes would be made to the pond.</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 1/7/91

E.I.S Hydrology  
Pond Inspection Report

POND: 7-A

LOCATION: London Park

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>Level @ 10% toe Pay attention to 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 1/7/91

E.I.S Hydrology  
Pond Inspection Report

PONDS

*Swartz*

LOCATION:

*Carbon Creek*

ITEM

REMARKS

(1) Potential Safety Hazards

*None*

(2) Slope Stability

*Stable*

(3) Erosion

*None*

(4) Construction and Maintenance  
Performance Standards

*Good*

(5) Recommendations/Comments

*Pond in good  
shape on bank*

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

*John G. Warner*  
*1/7/91*

# AIR QUALITY

**ATTACHMENT TO INITIAL WRITTEN REPORT  
REGARDING POTENTIAL RELEASES OF  
RADIONUCLIDES FROM COAL OPERATIONS**

(1) This attachment was prepared in a format consistent with that in the proposed continuous releases rule, as published in the July 24, 1990 Federal Register at page 30166, which is to be in effect 60 days there after. The name of the facility; the location, including the longitude and latitude; the case number assigned by the NRC or EPA; the name and telephone number of the person in charge of the facility or vessel.

Facility	C.V. Spur	Trail Mountain No. 9 Mine	Gordon Creek No. 8 Mine
Location	Four miles South East of Price, Ut Section 11 T15S, R10E	Orangeville, Ut Sections 25 & 26 T17S, R6E SLB&M	Seventeen miles West of US 50&6 T13S, R9E SLB&M
Longitude	110° 47'	111° 13'	111° 05'
Latitude	39° 30'	39° 16'	39° 43'
Case Number	32753	32750	32745
Name and Telephone			
Number of Responsible Person:		Dan W. Guy (801) 637-5050	

(2) The population density within a one-mile radius of the facility described in terms of the following ranges: 0-50 persons, 51-100 persons, 101-500 persons, 501-1000 persons, more than 1,000 persons.

Trail Mountain No. 9 Mine	0-50
Gordon Creek No. 8 Mine	0-50
C.V. Spur Loadout	0-50

(3) The identity and location of sensitive populations and ecosystems within a one-mile radius of the facility (e.g., elementary schools, hospitals, retirement communities, or wetlands).

There are no known sensitive populations or ecosystems within a one-mile radius of either the Trail Mountain No. 9 mine, Gordon Creek No. 8 Mine, or the C.V. Spur facilities.

(4) The name/identity of the hazardous substance; the Chemical Abstracts Service Registry Number for the substance (if available).

A potential release of a mixture of Uranium-238 series and Thorium-232 series radionuclides, as naturally occurring in secular

equilibrium in coal excavated during coal mining operations. There is no CASRN for such a mixture.

(5) The upper and lower bounds of the normal range of the release (in Reportable Quantity) over the previous year. Based on Tons of coal mined.

	Uranium Series Radionuclides (RQ)	Thorium Series Radionuclides (RQ)	Total Radionuclides (RQ)
C.V. Spur (Upper Bound)	0.60	2.00	2.60
C.V. Spur (Lower Bound)	0.02	0.06	0.08
Trail Mountain No. 9 (Upper)	0.30	1.00	1.30
Trail Mountain No. 9 (Lower)	0.01	0.03	0.04
Gordon Creek No. 8 (Upper)	0.30	1.00	1.30
Gordon Creek No. 8 (Lower)	0.01	0.03	0.04

(6) The source(s) of the release (e.g., valves, pump seals, storage tank vents, stacks). The source of the release is through coal mining operations.

(7) The frequency of the release and the fraction of the release from each release source and the specific period over which it occurs.

The specific period for this report is July 24, 1989 through July 24, 1990. The frequency of the release is continuous and stable.

(8) A brief statement describing the basis for stating that the release is continuous and stable in quantity and rate.

The basis for reporting this potential release as "continuous and stable" is due to the regular mining activities occurring at the Beaver Creek Coal Company Operations. The potential release is "continuous" and "stable" because it occurs "predictably and regularly" during the excavation, stockpiling, transportation and other such regular activities associated with the operations at our facilities.

(9) An estimate of the total annual amount of the hazardous substance released in the previous year, based on tons of coal.

	Uranium Series Radionuclides	Thorium Series Radionuclides	Total Radionuclides
C.V. Spur	21.62	65.56	65.56
Trail Mountain No. 9 Mine	48.82	148.36	197.18
Gordon Creek No. 8 Mine	60.13	182.50	242.63

(10) The environmental medium affected by the release.

Our evaluations do not indicate that such radionuclides actually are being released to any environmental medium. Based on EPA's interpretation of the May 24, 1989 rule regarding radionuclides and EPA's background documents for that rule (particularly the Economic Impact Analysis document which evaluates coal piles at public utilities), however, it appear that if such releases are occurring, the medium most likely affected is air.

Beaver Creek Coal Company  
 Production and Shipping Figures  
 1990

Month	Number 9 Mine				Number 7 & 8 Mine				Beaver Creek Coal			
	State U-22603	Federal U-49332	Federal U-82996	Tons Prod.	Tons Ship.	#7 & #8 Federal U-53159	#8 Columbo Fee	#7 Federal U-8319	Tons Prod.	Tons Ship.	Total Property Tons Prod.	Tons Ship.
January		42,455		42,455	34,226	30,614	16,461		47,075	40,197	89,530	74,423
February		38,604		38,604	39,875	44,023			44,023	21,651	82,627	61,526
March		45,251		45,251	40,553	42,862			42,862	30,103	88,113	70,656
April		45,220		45,220	33,174	46,951	3,382		50,333	34,339	95,553	67,513
May		46,058		46,058	29,983	53,911	14,806		68,717	35,786	114,775	65,769
June		27,644	8,592	36,236	16,723	34,475	4,572		39,047	15,761	75,283	32,484
July		27,765	10,020	37,785	21,713	28,157	3,970		32,127	49,997	69,912	71,710
August												
September												
October												
November												
December												
Year to												
Date Total:	0	272,997	18,612	291,609	216,247	280,993	43,191		324,184	227,834	615,793	444,081

- cc:  
 D. Pick  
 G. Nass  
 A. Gauielle  
 J. Coffey  
 B. Biersdorf  
 D. Strong  
 File 1-5-4

291,609  
 329,184  
 -----  
 620,793

+

c:\jay

**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)



**CERTIFIED MAIL**

July 31, 1991

F. Burnell Cordner  
Director  
Utah Bureau of Air Quality  
Utah Dept. of Health  
P.O. Box 16690  
Salt Lake City, Utah 84116-0690

Re: Mountain Coal Co.  
(Formerly Beaver Creek Coal Co.)  
1990 Emission Inventory

Dear Mr. Cordner:

Enclosed is the 1990 Emission Inventory for Mountain Coal Co.  
(formerly Beaver Creek Coal Co.) properties as requested.

I have also reviewed the list of substances in Title III of  
the CAAA. To my knowledge, the only substance released in a  
possibly reportable quantity is Radionuclides. I have enclosed  
copies of correspondence relating to such potential releases of  
radionuclides for your information.

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

Sincerely,

Dan W. Guy  
Mgr. Permitting/Compliance

cc: Scott Jones  
Dana Echter  
File

Fugitive Emission Source Description (be specific)	Materials Used			Operating Time Number of Hours /Yr	Production Units/hr		Pollutants (Tons/Yr.)					Annual Production					
	Type	% Moisture Content	Quantity (Units/Yr)		Design Rate	Average Actual Rate	Particulates (Eq. Dust)	SO <sub>2</sub>	NO <sub>x</sub>	HC	CO	Other (Specify)	Winter	Spring	Summer	Fall	
GRIZZLY-HOPPER (ENCLOSED)	Coal	8%	858,000	3328	400 TPH	258 TPH	0.86							25	25	25	25
ROLL CRUSHER (ENCLOSED)	Coal	8%	232,500	3328	200 TPH	71 TPH	0.24							25	25	25	25
RAW COAL CONVEYOR (Covered)	Coal	8%	858,000	3328	600 TPH	258 TPH	8.58							25	25	25	25
CRUSHED COAL CONVEYOR (Covered)	Coal	8%	858,000	3328	600 TPH	258 TPH	8.58							25	25	25	25
UNIT TRAIN LOADOUT CONVEYOR (Covered)	Coal	8%	858,000	858	1000 TPH	1000 TPH	8.58							25	25	25	25
RAW COAL STACKING TUBE	Coal	8%	858,000	3328	600 TPH	258 TPH	0.86							25	25	25	25
CRUSHED COAL STACKING TUBE	Coal	8%	858,000	3328	600 TPH	258 TPH	0.86							25	25	25	25
RAW COAL LOADOUT (Underground)	Coal	8%	858,000	3328	600 TPH	258 TPH	0.86							25	25	25	25



MOUNTAIN COAL Co.  
C.V. Spurr Processing Facility  
1990 Emission Inventory  
Form 5 Calculations

GRIZZLY-HOPPER

$$E = 0.002 \text{ lbs/ton} \times 858,000 \text{ TPY} \div 2000 \text{ lbs/ton} = \underline{0.86 \text{ TPY}}$$

ROLL CRUSHER

$$E = 0.002 \text{ lbs/ton} \times 237,500 \text{ TPY} \div 2000 \text{ lbs/ton} = \underline{0.24 \text{ TPY}}$$

RAW COAL CONVEYOR

$$E = 0.02 \text{ lbs/ton} \times 858,000 \text{ TPY} \div 2000 \text{ lbs/ton} = \underline{8.58 \text{ TPY}}$$

CRUSHED COAL CONVEYOR

$$E = 0.02 \text{ lbs/ton} \times 858,000 \text{ TPY} \div 2000 \text{ lbs/ton} = \underline{8.58 \text{ TPY}}$$

UNIT TRAIN LOADOUT CONVEYOR

$$E = 0.02 \text{ lbs/ton} \times 858,000 \text{ TPY} \div 2000 \text{ lbs/ton} = \underline{8.58 \text{ TPY}}$$

RAW COAL STACKING TUBE

$$E = 0.002 \text{ lbs/ton} \times 858,000 \text{ TPY} \div 2000 \text{ lbs/ton} = \underline{0.86 \text{ TPY}}$$

CRUSHED COAL STACKING TUBE

$$E = 0.002 \text{ lbs/ton} \times 858,000 \text{ TPY} \div 2000 \text{ lbs/ton} = \underline{0.86 \text{ TPY}}$$

RAW COAL LOADOUT

$$E = 0.002 \text{ lbs/ton} \times 858,000 \text{ TPY} \div 2000 \text{ lbs/ton} = \underline{0.86 \text{ TPY}}$$

(2)

C.V. Spur

Form 5 Continued

CRUSHED COAL LOADOUT

$$E = 0.002 \text{ lb/ton} \times 858,000 \text{ TPY} \div 2000 \text{ lbs/ton} = \underline{0.86 \text{ TPY}}$$

UNIT TRAIN LOADOUT

$$E = 0.002 \text{ lb/ton} \times 858,000 \text{ TPY} \div 2000 \text{ lbs/ton} = \underline{0.86 \text{ TPY}}$$



MOUNTAIN COAL CO.  
GORDON CREEK NO. 8 MINE

1990 EMISSION INVENTORY

FORM 5 CALCULATIONS

BELT TRANSFER (2)

$$E = 0.002 \text{ lbs/ton} \times 475,000 \text{ ton/yr} \times 2 \div 2000 \text{ lbs/ton} = \underline{0.95 \text{ TPY}}$$

COAL CONVEYOR

$$E = 0.02 \text{ lb/ton} \times 450,000 \text{ ton/yr} \div 2000 \text{ lb/ton} = \underline{4.50 \text{ TPY}}$$

DROP INTO STOCKPILE

$$E = 0.02 \text{ lb/ton} \times 450,000 \text{ ton/yr} \div 2000 \text{ lb/ton} = \underline{4.50 \text{ TPY}}$$

LOADING INTO TRUCKS

$$E = 0.15 \times .33 \left( \frac{345-118}{365} \right) \times 450,000 \text{ TPY} \div 2000 \text{ lb/ton} = \underline{7.54 \text{ TPY}}$$



Mountain Coal Co.  
Trail Mountain Mine  
1990 Emission Inventory  
Calculations

Form 5

Crusher

$$E = 0.002 \text{ lbs/ton} \times 250,000 \text{ tpy} \div 2000 \text{ lbs/ton} = \underline{0.25 \text{ TPY}}$$

Stacker Belt

$$E = 0.02 \text{ lbs/ton} \times 50,000 \text{ tpy} \div 2000 \text{ lbs/ton} = \underline{5.01 \text{ TPY}}$$

Screen

$$E = 0.002 \text{ lbs/ton} \times 50,000 \text{ tpy} \div 2000 \text{ lbs/ton} = \underline{0.50 \text{ TPY}}$$

LOADING INTO TRUCKS

$$E = 0.15 \times 33 \times \left( \frac{365-118}{365} \right) \times 50,000 \text{ tpy} \div 2000 \text{ lbs/ton} = \underline{8.39 \text{ TPY}}$$





Mountain Coal Co.  
1990 Emission Inventory  
Calculations for Form 11  
(CARBON COUNTY)

Roads

1- Haul Road (2 1/8 Miles)

a. Public; Avg. Speed - 35 MPH

b. Gravel; MgCl<sub>2</sub> Treated; 75% Control

c. 11 Miles; 11,875 loads; 261,250 MPY

$$d. E = \left(\frac{35}{60}\right) \left(\frac{365-118}{365}\right) \times 261,250 \text{ mi.} \times .25 \div 2000 = \underline{\underline{12.89 \text{ TPY}}}$$

2- Haul Road (2 1/8 Miles)

a. Public; Avg. Speed - 50 MPH

b. Paved; 85% Control

c. 14 Miles; 11,875 loads; 332,500 MPY

$$d. E = \left(\frac{50}{60}\right) \left(\frac{365-118}{365}\right) \times 332,500 \times .15 \div 2000 = \underline{\underline{14.06 \text{ TPY}}}$$

3- Haul Road (Trail Mtn. Mine)

a. Public; Avg. Speed - 50 MPH

b. Paved; 85% Control

c. 10 Miles; 12,525 loads; 250,500 MPY

$$d. E = \left(\frac{50}{60}\right) \left(\frac{365-118}{365}\right) \times 250,500 \times .15 \div 2000 = \underline{\underline{10.59 \text{ TPY}}}$$

4- Access Roads

a. Private; Avg. Speed - 10 MPH

b. Gravel; MgCl<sub>2</sub> Treated; 75% Control

c. 2 Miles; 140,000 MPY

$$d. E = 0.6 (.81 \times 15) \left(\frac{10}{30}\right)^2 \left(\frac{247}{365}\right) \times 140,000 \times .25 \div 2000 = \underline{\underline{9.40 \text{ TPY}}}$$

(2)

Form 11 Continued

5- ROAD REPAIR / GRADING

a. Public/Private; 50% Control

b.  $E = 32 \text{ lb/hr.} \times 350 \text{ hrs.} \times .50 \div 2000 = \underline{280 \text{ TPY}}$

STORAGE PILES

1- No. 8 Mine Pile

a. 2000 ton avg.

b.  $E = 0.054 \text{ lb/ton} \times 2000 \text{ ton} \div 2000 \text{ lb/ton} = \underline{0.05 \text{ TPY}}$

\* 2- Trail Mtn. Pile

a. 2000 ton avg.

b.  $E = 0.054 \text{ lb/ton} \times 2000 \text{ ton} \div 2000 \text{ lb/ton} = \underline{0.05 \text{ TPY}}$

3- C. V. Spur

a. 350,000 ton. avg.

b.  $E = 0.054 \text{ lb/ton} \times 350,000 \text{ ton} \div 2000 \text{ lb/ton} = \underline{9.45 \text{ TPY}}$

\* Emery County

(3)

Form 11 Continued  
(Emery County)

ROADS

1- Haul Road (Trail Mtn. Mine)

a. Public; Avg. Speed - 50 MPH

b. Paved; 85% Control

c. 30 miles; 12,525 loads; 751,500 MPY

d.  $E = \left(\frac{50}{60}\right) \left(\frac{365-118}{365}\right) \times 751,500 \times .15 \div 2000 = \underline{\underline{31.78 TPY}}$

2- Access Roads

a. Private; Avg. Speed - 10 MPH

b. Gravel; Mg Cl<sub>2</sub> Treated; 75% Control

c. 1 Mile; 20,000 MPY

d.  $E = 0.6 (.81 \times .15) \left(\frac{10}{30}\right)^2 \left(\frac{247}{365}\right) \times 20,000 \times .25 \div 2000 = \underline{\underline{4.70 TPY}}$

3- Road Repair/Grading

a. Private; 50% Control

b.  $E = 32 \text{ lbs/hr} \times 175 \text{ Hrs.} \times .50 \div 2000 = \underline{\underline{1.40 TPY}}$



MOUNTAIN COAL CO.  
1990 EMISSION INVENTORY  
CALCULATIONS FOR FORM 12  
CARBON COUNTY

FRONT END LOADERS

$$\text{FUG. DUST} - 0.15 \times .33 \times \left(\frac{247}{365}\right) \times 475,000 \div 2000 = \underline{7.54 \text{ TPY}}$$

$$\text{PARTICULATES} - 0.172 \text{ lbs/hr.} \times 1560 \text{ hrs.} \div 2000 = \underline{0.13 \text{ TPY}}$$

$$\text{SO}_x - 0.182 \text{ lbs/hr.} \times 1560 \text{ hrs.} \div 2000 = \underline{0.14 \text{ TPY}}$$

$$\text{NO}_x - 1.89 \text{ lbs/hr.} \times 1560 \text{ hrs} \div 2000 = \underline{1.47 \text{ TPY}}$$

$$\text{HC} - 0.25 \text{ lbs/hr.} \times 1560 \text{ hrs} \div 2000 = \underline{0.20 \text{ TPY}}$$

$$\text{CO} - 0.572 \text{ lbs/hr} \times 1560 \text{ hrs} \div 2000 = \underline{0.45 \text{ TPY}}$$

GRADERS

$$\text{FUG. DUST} - 32 \text{ lbs/hr.} \times 350 \text{ hrs} \times .50 \div 2000 = \underline{2.80 \text{ TPY}}$$

$$\text{PARTICULATES} - 0.061 \text{ lbs/hr} \times 350 \text{ hrs} \div 2000 = \underline{0.01 \text{ TPY}}$$

$$\text{SO}_x - 0.086 \text{ lbs/hr} \times 350 \text{ hrs} \div 2000 = \underline{0.02 \text{ TPY}}$$

$$\text{NO}_x - 0.713 \text{ lbs/hr} \times 350 \text{ hrs} \div 2000 = \underline{0.12 \text{ TPY}}$$

$$\text{HC} - 0.040 \text{ lbs/hr} \times 350 \text{ hrs} \div 2000 = \underline{0.01 \text{ TPY}}$$

$$\text{CO} - 0.051 \text{ lbs/hr} \times 350 \text{ hrs} \div 2000 = \underline{0.03 \text{ TPY}}$$

WATER TRUCK

$$\text{FUG. DUST} - .6 \left( .91 \times 15 \left( \frac{10}{30} \right)^2 \right) \left( \frac{247}{365} \right) \times 4200 \times .25 \div 2000 = \underline{0.28 \text{ TPY}}$$

$$\text{PARTICULATES} - 0.256 \text{ lbs/hr.} \times 800 \text{ hrs.} \div 2000 = \underline{0.10 \text{ TPY}}$$

$$\text{SO}_x - 0.454 \text{ lbs/hr} \times 800 \text{ hrs} \div 2000 = \underline{0.18 \text{ TPY}}$$

$$\text{NO}_x - 4.166 \text{ lbs/hr} \times 800 \text{ hrs} \div 2000 = \underline{1.67 \text{ TPY}}$$

$$\text{HC} - 0.192 \text{ lbs/hr} \times 800 \text{ hrs} \div 2000 = \underline{0.08 \text{ TPY}}$$

$$\text{CO} - 1.794 \text{ lbs/hr} \times 800 \text{ hrs} \div 2000 = \underline{0.72 \text{ TPY}}$$

(Note: Figures based on Table II-7.1)



MOUNTAIN COAL Co.  
1990 EMISSION INVENTORY  
CALCULATIONS FOR FORM 12  
EMERY COUNTY

FRONT END LOADER

$$\text{Fug. Dust} = 0.15 \times .33 \times \left(\frac{247}{365}\right) \times 50,000 \div 2000 = 8.39 \text{ TPY}$$

$$\text{PARTICULATES} = 0.172 \text{ lbs/hr} \times 2080 \text{ hrs} \div 2000 = 0.18 \text{ TPY}$$

$$\text{SOx} = 0.182 \text{ lbs/hr} \times 2080 \text{ hrs} \div 2000 = 0.19 \text{ TPY}$$

$$\text{NOx} = 1.89 \text{ lbs/hr} \times 2080 \text{ hrs} \div 2000 = 1.97 \text{ TPY}$$

$$\text{HC} = 0.25 \text{ lbs/hr} \times 2080 \text{ hrs} \div 2000 = 0.26 \text{ TPY}$$

$$\text{CO} = 0.572 \text{ lbs/hr} \times 2080 \text{ hrs} \div 2000 = 0.59 \text{ TPY}$$

GRADER

$$\text{Fug. Dust} = 32 \text{ lbs/hr} \times 175 \text{ hrs} \times .50 \div 2000 = 1.40 \text{ TPY}$$

$$\text{PARTICULATES} = 0.061 \text{ lbs/hr} \times 175 \text{ hrs} \div 2000 = 0.01 \text{ TPY}$$

$$\text{SOx} = 0.086 \text{ lbs/hr} \times 175 \text{ hrs} \div 2000 = 0.01 \text{ TPY}$$

$$\text{NOx} = 0.713 \text{ lbs/hr} \times 175 \text{ hrs} \div 2000 = 0.06 \text{ TPY}$$

$$\text{HC} = 0.040 \text{ lbs/hr} \times 175 \text{ hrs} \div 2000 = 0.004 \text{ TPY}$$

$$\text{CO} = 0.157 \text{ lbs/hr} \times 175 \text{ hrs} \div 2000 = 0.01 \text{ TPY}$$

(Note: Figures based on TABLE II-7.1)

August 23, 1990

On-Scene Coordinator  
U.S. EPA Region VIII  
Waste Management Division  
Emergency Response Branch  
999 18th St., Suite 500  
Denver, CO 80202-2405

Re: Continuous Release Reporting For Radionuclides

Dear On-Scene Coordinator:

Pursuant to Section 103 of the Comprehensive Environmental Response Compensation and Liability Act ("CERCLA"), as amended, the Beaver Creek Coal Company ("BCCC") is submitting this report of potential radionuclide releases from its mining facilities, the Trail Mountain #9 Mine and the Gordon Creek #8 Mine, and its transportation facility, the CV Spur Loadout, all of which are located in east-central Utah. The CV Spur Loadout and the Gordon Creek #8 Mine are located respectively, about four miles southeast of Price, Utah and seventeen miles west of Highway 50 & 6. The Trail Mountain #9 Mine is located near Orangeville, Utah. This written report follows telephonic notification to the National Response Center. Although our review and evaluations do not indicate that a reportable quantity ("RQ") of radionuclides is actually released to any environmental media from the coal produced at BCCC's facilities, this report is submitted as a good faith effort to comply with the requirements of Section 103 and 40 CFR Part 302, as amended and interpreted by EPA on May 24, 1989 through promulgation of the final rule establishing reportable quantities for radionuclides (54 Fed. Reg. 22524).

In its discussion of that rule, (54 Fed. Reg. 22526), EPA responded to commenters' queries whether a CERCLA reportable release occurs when a material containing radionuclides is stockpiled outside of a building. EPA stated that:

On-Scene-Coordinator

August 23, 1990

Page 2

[t]he Agency considers the stockpiling of an RQ of a hazardous substance to be a release because any activity that involves placement of a hazardous substances into any unenclosed containment structure wherein the hazardous substance is exposed to the environment is considered a release. (footnote omitted)

BCCC does not agree with that interpretation of the Agency, and notes that this issue and others are presently being litigated. (The Fertilizer Institute v. the EPA, United States Court of Appeals for the District of Columbia Circuit, Docket No. 89-1404.) Nonetheless, BCCC has reviewed the EPA document dated February 15, 1989 and entitled Economic Impact Analysis for the Final Reportable Quantity Adjustments for Radionuclides under Section 102 of the Comprehensive Environmental Response, Compensation and Liability Act ("Economic Impact document"), including the following discussion from Pages A-6 and A-7 of Appendix A thereto:

Based on average concentrations of radionuclides in coal, approximately 2,360 tons of coal contain an RQ of a mixture of naturally occurring uranium series and thorium series radionuclides in secular equilibrium. Any mine producing this quantity of coal on a daily basis may dump this amount outside on a daily basis and thus, be required to report release of radionuclides under CERCLA. Based on the average number of working days at coal mines throughout the United States, this daily production quantity can be converted to an annual figure:

$$224 \text{ days/year} * 2,360 \text{ tons/day} = 528,600 \text{ tons/year}$$

There are 363 mines in the United States with an annual production in excess of 500,000 tons. Although the

operations of these facilities have not been characterized in great detail, it is reasonable to assume that these facilities may release an RQ of radionuclides by dumping or moving of coal on a regular basis. (footnote omitted)

BCCC questions the validity of the assumptions reflected in that discussion and at pages B-3 and B-4 of the Economic Impact document to determine that 2,360 tons of coal dumped on the ground would constitute a release of an RQ of radionuclides. A more reasonable method for calculating releases from stockpiles of coal at coal mines is that for calculating particulate releases to air as set forth on pages B-15 and B-16 of the Economic Impact document. On page B-15, the document states that:

[t]ypical particulate releases to air from a "model" coal pile are reported as 610 kg annually for a 95,000 metric ton pile (EPA '78, p.2) . . . [and that] the size of pile needed to make this release pathway relevant . . . [is] 118,000,000,000 tons.

Any releases of radionuclides from coal mining operations in the arid west are most likely to be to the air, and therefore, this method of calculation would be more reasonably used to calculate radionuclides releases from stockpiles at those operations than the 2,360 ton/day production number.

Nonetheless, based on the Economic Impact document analysis in Appendix A and on information developed from production data and stockpiling practices for coal and overburden, there may be a potential release of a mixture of naturally occurring uranium and thorium series radionuclides in secular equilibrium from BCCC's facilities in an amount equal to or in excess of the recently

On-Scene-Coordinator

August 23, 1990

Page 4

established reportable quantities. Based on the rule and EPA's Economic Impact document, including the discussion at page 4-10, BCCC believes that if any such release is occurring, it would qualify for the reduced reporting requirements of CERCLA Section 103(f)(2) as a continuous and stable release in quantity and rate. Consequently, this report, including the attachment, provides information consistent with the discussion of continuous release reporting on pages 4-11 to 4-14 of that document.

There is no emergency, and no emergency response is required. The criteria used by EPA to exempt coal and coal ash stockpiles at utilities from the reporting requirement indicates that it is unlikely that any hazard is posed either to public health or the environment from coal or overburden stockpiles or related activities at BCCC's facilities. It is also unlikely that any realistic response action could or would be taken for such a release. In fact, EPA's Economic Impact document, at page 4-16, states its assumption that such continuous releases, which would occur regularly "from large quantities of materials incidental to normal operations, . . . are unlikely to provoke or require an immediate response action . . . [and] therefore that facilities that release radionuclides continuously will not respond to or cleanup these releases."

Although this report is intended to provide you with adequate information regarding such potential radionuclides releases, we recognize that such releases do not lend themselves to the format typically used for reporting an actual release. Consequently, should you deem this report inadequate, please advise as to specific action and information which you require. BCCC intends to submit a subsequent annual release report on or before July 24, 1991, pursuant to the provisions of Section 103(f)(2) for "continuous" releases.

On-Scene-Coordinator

August 23, 1990

Page 5

The information contained in this report is accurate and current to the best of my knowledge.

Respectfully Submitted:

*R. Jay Marshall*

Dan W. Guy

Mgr. Permitting/Compliance

(801) 637-5050

Attachment

c: Commander Speight  
National Response Center  
Coast Guard Headquarters  
Room 2611  
2100 2nd Street Southwest  
Washington, D.C. 20593-0001

Neil Taylor  
Division of Environmental Health  
288 N. 1460 West  
Salt Lake City, UT 84116

Steve Raber  
Carbon County Sherrif's Office  
Court House  
Price, Utah 84501

**BEAVER CREEK Coal Company**

Post Office Box 1378  
Price, Utah 84501  
Telephone 801 637-5050



August 28, 1990

On-Scene Coordinator  
U.S. EPA Region VIII  
Waste Management Division  
Emergency Response Branch  
999 18th St., Suite 500  
Denver, CO 80202-2405

Re: **Continuous Release Reporting For Radionuclides**

Dear On-Scene Coordinator:

Please replace the attachment to the initial written report dated August 23, 1990, with the enclosed attachment.

If you have any questions or concerns please call Dan W. Guy (801) 637-5050.

Respectfully,

  
Dan W. Guy  
Mgr. Permitting/Compliance

**SUBSIDENCE  
SURVEY**

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

October 15, 1991

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

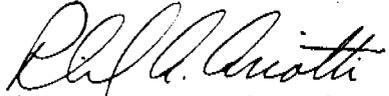
Dear Mr. Guy:

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.

The only significant amount of movement was at Mine No. 8 subsidence point Sub-26 which settled 2.659 feet. Subsidence point B-4 in Beaver Creek has been removed. This point was in the middle of the road. I am also 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 #2 & BEAVER CREEK

STATION	ORIG. ELEV. SURVEY ELEV.		CHANGES						LATEST	ACC.
	7/29/86	10/27/86	8/16/87	10/2/88	10/15/89	10/12/90	9/28/91			
SWEETS	9174.513	9174.513	9174.513	9174.513	9174.513	9174.513	9174.513	9174.513		
"H"	8849.120	8849.120	8849.120	8845.010	8845.010	8845.010	8845.010	8845.010		
"A"	8653.167	8653.510	8653.553	8653.683	8653.683	8653.356	8653.553	8653.553	0.197	0.386
"B"	8241.927	8242.048	8241.862	8242.026	8242.026	8242.056	8242.021	8242.021	-0.035	0.094
B-1	8542.205	8542.053	8542.250	8542.320	8542.320	8542.280	8542.332	8542.332	0.052	0.127
B-2	8557.768	8557.610	8557.780	8557.919	8557.919	8557.847	8557.925	8557.925	0.078	0.157
B-3	8571.868	8571.696	8571.837	8571.924	8571.924	8571.887	8571.952	8571.952	0.065	0.084
B-4	8594.970	8594.822	8594.959	8595.047	8595.047	8594.978	-----	-----	-----	-----
B-5	8590.990	8590.851	8590.997	8591.048	8591.048	8591.019	8591.002	8591.002	-0.017	0.017
B-6	8652.996	8652.852	8652.947	8653.055	8653.055	8653.028	8653.031	8653.031	0.005	0.035
B-7	8635.952	8635.884	8635.894	8635.787	8635.787	8636.023	8635.988	8635.988	-0.035	0.036
B-8	8893.432	8893.356	8893.395	8893.503	8893.503	8893.426	8893.496	8893.496	0.070	0.064
B-9	8409.744	8409.870	8409.843	8409.897	8409.897	8410.405	8409.760	8409.760	-0.645	0.016
B-10	8792.567	8792.619	8792.108	8792.682	8792.682	8792.466	8792.624	8792.624	0.158	0.057

SUBSTANCE MONITORING  
GORDON CREEK #7 MINE

STATION	ORIG. ELEV. SURVEY ELEV.		CHANGES							LATEST	ACC.
	9/24/86	6/12/86	10/14/86	8/15/87	10/1/88	10/14/89	10/12/90	9/28/91			
SWEETS	9174.513	9174.513	9174.513	9174.513	9174.513	9174.513	9174.513	9174.513			
"H"	8849.120	8849.120	8849.120	8845.010	8845.010	8845.010	8845.010	8845.010	0.000	-4.110	
"I"	9040.049	9039.714	9039.697	9039.654	9038.291	9038.348	9038.188	9038.081	-0.107	-1.968	
Sub-1	8295.284	8295.278	8295.312	8295.376	8295.160	8295.188	8295.330	8295.438	0.100	0.146	
Sub-2	8416.227	8416.194	8416.206	8416.197	8416.179	8416.202	8413.558	8413.659	0.101	-2.568	
Sub-4	9042.727	9042.740	9042.712	9042.751	9039.971	9040.078	9040.056	9040.057	0.001	-2.670	
Sub-5	9220.773	9221.004	9221.044	9220.811	9221.024	9220.926	9220.847	9220.756	-0.091	-0.017	
Sub-6	8649.193	8646.524	8646.472	8646.450	8646.402	8646.292	8646.303	8646.335	0.032	-2.858	
Sub-7	8724.159	8723.478	8723.318	8723.289	8723.215	8723.168	8723.119	8723.205	0.086	-0.954	
Sub-8	8966.790	8966.790	8966.676	8966.622	8966.323	8966.444	8966.371	8966.269	-0.102	-1.133	
Sub-9	8901.147	8900.433	8900.008	8899.904	8899.609	8899.771	8899.761	8899.687	-0.074	-1.460	
Sub-10	8864.970	8864.087	8863.691	8863.620	8863.346	8863.521	8863.523	8863.427	-0.096	-1.543	
Sub-11	9050.850	9050.872	9050.720	9050.234	9049.487	9049.544	9049.475	9049.482	0.007	-1.368	
Sub-12	8977.577	8977.526	8977.341	8975.913	8975.124	8975.330	8975.235	8975.308	0.073	-2.269	
Sub-13	8887.506	8887.528	8887.329	8885.186	8884.772	8884.972	8884.957	8884.992	0.035	-2.514	
Sub-14	9059.611	9059.614	9059.575	9059.692	9059.530	9059.686	9059.652	9059.673	0.021	0.062	
Sub-15	9000.420	9000.449	9000.371	9000.534	9000.266	9000.418	9000.458	9000.473	0.015	0.053	
Sub-17	8905.849	8905.630	8905.590	8905.736	8905.449	8905.663	8905.662	8905.639	-0.023	-0.210	
Sub-18	8662.317	8662.097	8662.031	8662.199	8661.898	8662.435	8662.167	8662.083	-0.084	-0.234	
Sub-19	9098.256	9097.999	9097.747	9097.502	9097.093	9097.425	9097.284	9097.190	-0.094	-1.066	
Sub-20	8908.330	8908.057	8908.060	8906.775	8906.000	8906.393	8906.141	8906.040	-0.101	-2.290	
Sub-21	8755.014	8754.819	8754.730	8754.599	8754.221	8754.721	8754.458	8754.445	-0.013	-0.569	
Sub-22	8756.914	8756.914	8756.907	8755.064	8754.704	8755.107	8754.899	8754.837	-0.062	-2.291	
Sub-23	8788.448	8788.409	8788.426	8788.407	9787.532	8787.288	8787.235	8787.249	0.014	-1.199	
Sub-24	8762.659	8762.729	8762.599	8762.658	8759.026	8758.853	8758.913	8758.911	-0.002	-3.748	

SUBSIDENCE MONITORING  
 BEAVER CREEK #8 MINE

STATION	ORIG. ELEV.		SURVEY ELEV.		CHANGES	
	10/9/88	10/15/89	10/12/90	9/28/91	LATEST	ACC.
SWEETS	9174.513	9174.513	9174.513	9174.513		
"H"	8849.120	8845.010	8845.010	8845.010		
Sub-25	8561.790	8561.599	8561.458	8560.915	-0.543	-0.875
Sub-26	8641.822	8641.487	8641.280	8638.621	-2.659	-3.201
Sub-27	8615.259	8615.264	8611.947	8611.952	0.005	-3.307

SUBSIDENCE REPORT

Mountain Coal Company #2, #7 and #8 Mines

Mountain Coal Company  
P.O. Box 1378  
Price, Utah 84521

Prepared by:

Environmental Industrial Services  
P.O. Box 159  
Elmo, Utah 84521

April 6, 1992

## SUBSIDENCE REPORT

Mountain Coal Company - #2, 7 & 8 Mines

### SCOPE

On October 2, 1991, M.A. Coonrod and R. Bohn of Environmental Industrial Services conducted a subsidence inventory above the portal areas of #2, #7 and #8 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. Tension fracture and abrupt changes in elevation or sump areas were noted and mapped as to the horizontal and where feasible, vertical extent. 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 showed considerable evidence of subsidence. Most notable, a sump area measuring approximately 450' by 150' with an elevation drop of between 6" to 30" was noted, and plotted on Plate ~~3-38~~. In addition to the sump area there are a number of tension fractures varying from 0" to 18" in width and to a depth of 6" to 36"

The vegetation was rapidly closing the fractures and there 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

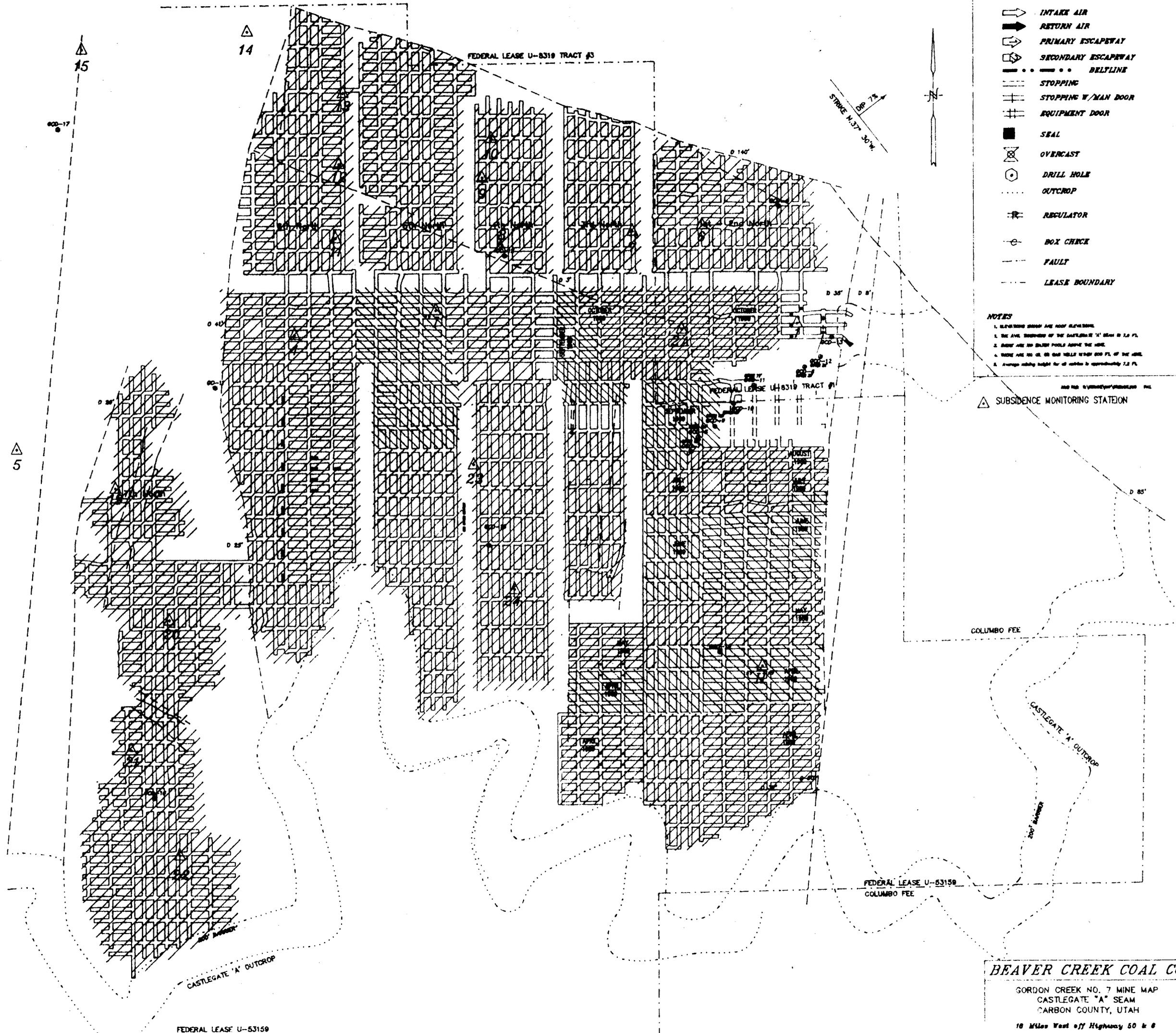
No remedial action is warranted. Any work to close fracture or correct slumps would result in considerable more disturbance than is presently in evidence and thus would be a greater impact than what presently exists. The majority of the surface disturbance is self-healing. The balance will result in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

**LEGEND**

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

- NOTES**
1. ELEVATIONS SHOWN ARE ROOF ELEVATIONS.
  2. THE AVE. DEPTH OF THE CASTLEGATE "A" SEAM IS 7.0 FT.
  3. THERE ARE NO BELT POOLS ABOVE THE SEAM.
  4. THERE ARE NO CL. OR GAS BELLS IN ANY OF THE AREAS.
  5. Average mining height for all sections is approximately 7.0 FT.

△ SUBSIDENCE MONITORING STATION



**BEAVER CREEK COAL CO.**

GORDON CREEK NO. 7 MINE MAP  
 CASTLEGATE "A" SEAM  
 CARBON COUNTY, UTAH  
 10 Miles West off Highway 50 to 6

SCALE: 1" = 100' DATE: 9/1/50 DRAWN BY: J. W. MERRILL

**VEGETATION  
MONITORING**

**VEGETATION MONITORING**  
**OF THE**  
**GORDON CREEK NUMBERS 2/7/8 MINES: 1991**



Prepared by

*MT. NEBO SCIENTIFIC RESEARCH & CONSULTING*  
330 East 400 South, Suite 6  
P.O. Box 337  
Springville, Utah 84663  
(801) 489-6937

for

*MOUNTAIN COAL COMPANY*  
P.O. Box 1378  
Price, Utah 84501

Report: Patrick Collins, Ph.D.

Fieldwork: Patrick Collins  
Dean Collins

Report Date: December 1991

VEGETATION MONITORING  
OF THE  
GORDON CREEK NUMBERS 2/7/8 MINES: 1991

INTRODUCTION

Sampling in 1991

Qualitative sampling only was scheduled in 1991 for the reseeded areas of the Gordon Creek Numbers 2, 7 & 8 mine sites. Sampling methodologies and results for 1991 are described in the METHODS section below.

General Site Description

The mine site is located in the drainage of Bryner Canyon at about 8,000 ft elevation. The site is west of the Gordon Creek Numbers 3 & 6 Mines. Adjacent plant communities include Sagebrush/Grass, Oak Shrubland, Aspen, and Fir. The mine site is presently being reclaimed and some of the areas had been seeded. These seeded areas were the sample sites for 1991 (refer to the general sample location map included in this report).

## METHODS

Sampling was conducted prior to significant frost in the area. The date of sampling was October 9, 1991. Qualitative sampling was conducted on the site including: observer names, slope, exposure, animal use and disturbance, erosion problems, approximate living ground cover, and plant species observed. Additionally, pertinent notes about the plot were also taken at the time of sampling.

## RESULTS

Results of the sampling are shown on the "Qualitative Sampling Data Sheets", included in this report. Color photographs of the sample areas and a map showing the general locations within the mine areas were also included in this report.

M T. N E B O S C I E N T I F I C

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QUALITATIVE SAMPLING DATA SHEET  
AND  
QUANTITATIVE/QUALITATIVE NOTES

SITE NAME: Reseeded Site #1 - Topsoil Pile (refer to location map)

MINE SITE: Nos. 2, 7 & 8

COMPANY: Mountain Coal Company

DATE: October 9, 1991

WORKERS: P. Collins, D. Collins

SLOPE: 30 deg.

EXPOSURE: East

ANIMAL USE/DISTURBANCE: Slight Use

EROSION: Slight to Minimal

COVER: Approx. 50%

DOMINANT PLANT SPECIES OBSERVED:

*Sambucus caerulea*  
*Chrysothamnus nauseosus*

*Urtica dioica*  
*Cirsium sp*  
*Rudbeckia occidentalis*

*Elymus hispidus* (*Agropyron trichorophorum*)  
*Elymus lanceolatus* (*Agropyron riparium*)

NOTES:

General condition of the site was very good. Grasses were the dominant lifeform.

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**QUALITATIVE SAMPLING DATA SHEET  
AND  
QUANTITATIVE/QUALITATIVE NOTES**

SITE NAME: Reseeded Site #2 (refer to location map)

MINE SITE: Nos. 2, 7 & 8

COMPANY: Mountain Coal Company

DATE: October 9, 1991

WORKERS: P. Collins, D. Collins

SLOPE: 35 - 40 deg.

EXPOSURE: East

ANIMAL USE/DISTURBANCE: slight

EROSION: Generally only slight, but some of the more bare areas were showing some slight erosion.

COVER: Approx. 30%

**DOMINANT PLANT SPECIES OBSERVED:**

*Cirsium sp.*

*Melilotus officialis*

*Astragalus cicer*

*Halogeton glomeratus*

*Bromus carinatus*

*Phleum pratensis*

*Elymus hispidus (Agropyron trichorophorum)*

*Elymus lanceolatus (Agropyron riparium)*

NOTES: Some areas were bare. The general condition of the site was "fair", however, the slope could be rated as "good" condition.

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QUALITATIVE SAMPLING DATA SHEET  
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QUANTITATIVE/QUALITATIVE NOTES

SITE NAME: Reseeded Site #3 (refer to location map)

MINE SITE: Nos. 2, 7 & 8

COMPANY: Mountain Coal Company

DATE: October 9, 1991

WORKERS: P. Collins, D. Collins

SLOPE: 25 - 30 deg.

EXPOSURE: north

ANIMAL USE/DISTURBANCE: slight

EROSION: Very slight - check dams implemented and working well.

COVER: Approx. 35%

DOMINANT PLANT SPECIES OBSERVED:

*Pseudotsuga menziesii*

*Melilotus officinalis*

*Cirsium* spp.

*Bromus carinatus*

*Dactylis glomeratus*

*Elymus trachycaulus* (*Agropyron trachycaulum*)

*Elymus lanceolatus* (*Agropyron riparium*)

NOTES:

Grasses dominated the site.

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QUALITATIVE SAMPLING DATA SHEET  
AND  
QUANTITATIVE/QUALITATIVE NOTES

SITE NAME: Reseeded Site #4 (refer to location map)

MINE SITE: Nos. 2, 7 & 8

COMPANY: Mountain Coal Company

DATE: October 9, 1991

WORKERS: P. Collins, D. Collins

SLOPE: 40 deg.

EXPOSURE: Southeast

ANIMAL USE/DISTURBANCE: Slight

EROSION: Slight

COVER: Approx. 15%

DOMINANT PLANT SPECIES OBSERVED:

*Chrysothamnus nauseosus*

*Circium sp.*

*Melilotus officinalis*

*Bromus carinatus*

*Dactylis glomeratus*

*Elymus spicatus* (*Agropyron spicatum*)

*Elymus trachycaulus* (*Agropyron trachycaulum*)

*Elymus lanceolatus* (*Agropyron riparium*)

NOTES:

Some of the area has seeded well, but there is quite a bit of area that has not. Consequently, these areas are erosionally unstable.

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QUALITATIVE SAMPLING DATA SHEET  
AND  
QUANTITATIVE/QUALITATIVE NOTES

SITE NAME: Reseeded Site #5 (refer to location map)

MINE SITE: Nos. 2, 7 & 8

COMPANY: Mountain Coal Company

DATE: October 9, 1991

WORKERS: P. Collins, D. Collins

SLOPE: Variable

EXPOSURE: Variable

ANIMAL USE/DISTURBANCE: Slight

EROSION: Slight

COVER: Approx. 35%

DOMINANT PLANT SPECIES OBSERVED:

*Sambucus caerulea*

*Cirsium sp.*

*Rudbeckia occidentalis*

*Urtica dioica*

*Salsola iberica*

*Melilotus officinalis*

*Aster sp.*

*Elymus spicatus (Agropyron spicatum)*

*Elymus trachycaulus (Agropyron trachycaulum)*

*Elymus lanceolatus (Agropyron riparium)*

*Elymus hispidus (Agropyron trichorophorum)*

*Stipa hymenoides (Oryzopsis hymenoides)*

NOTES:

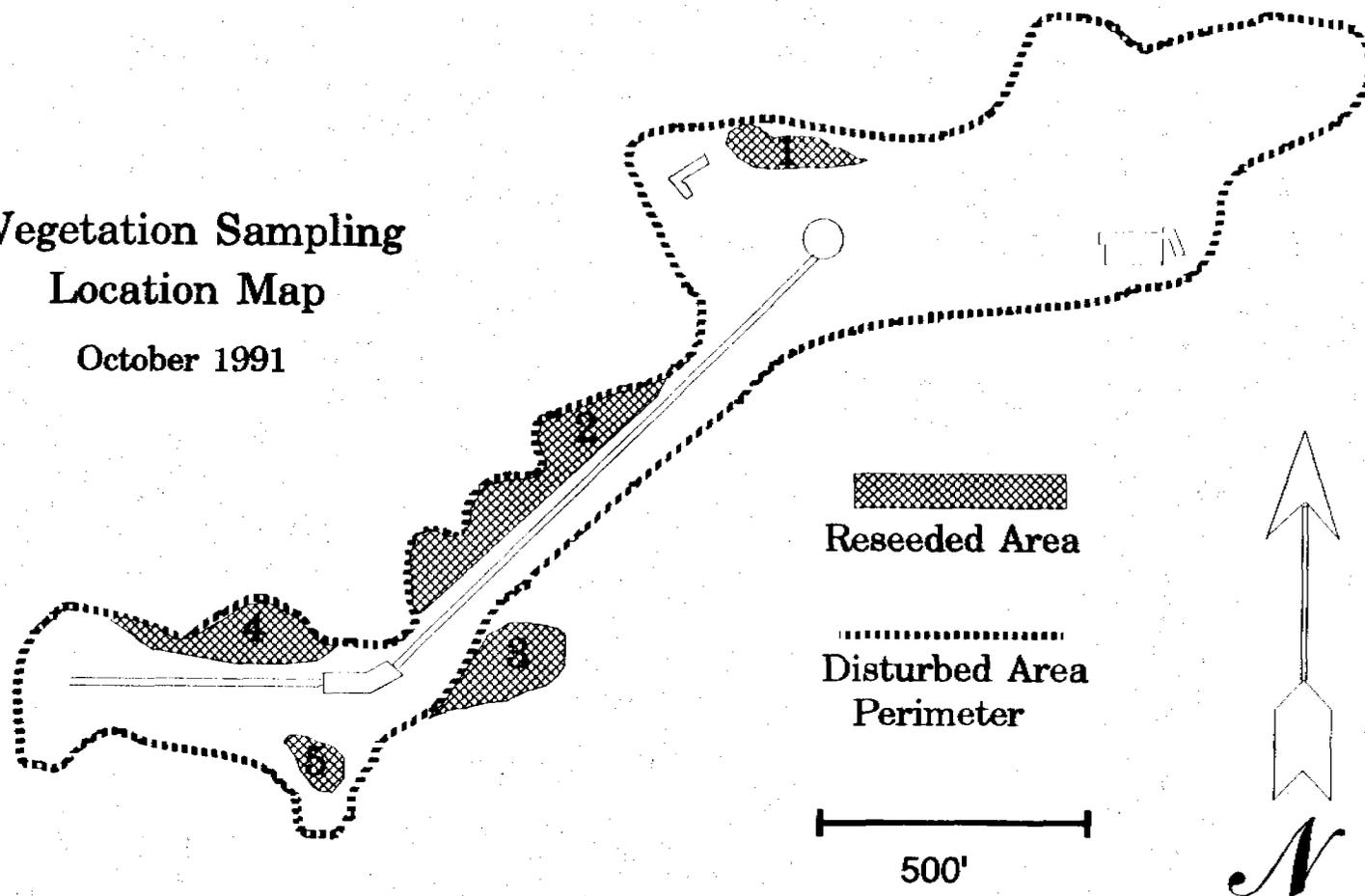
General condition is "good".

# MT. NEBO SCIENTIFIC

Gordon Creek No. 2/7 Mines

## Vegetation Sampling Location Map

October 1991





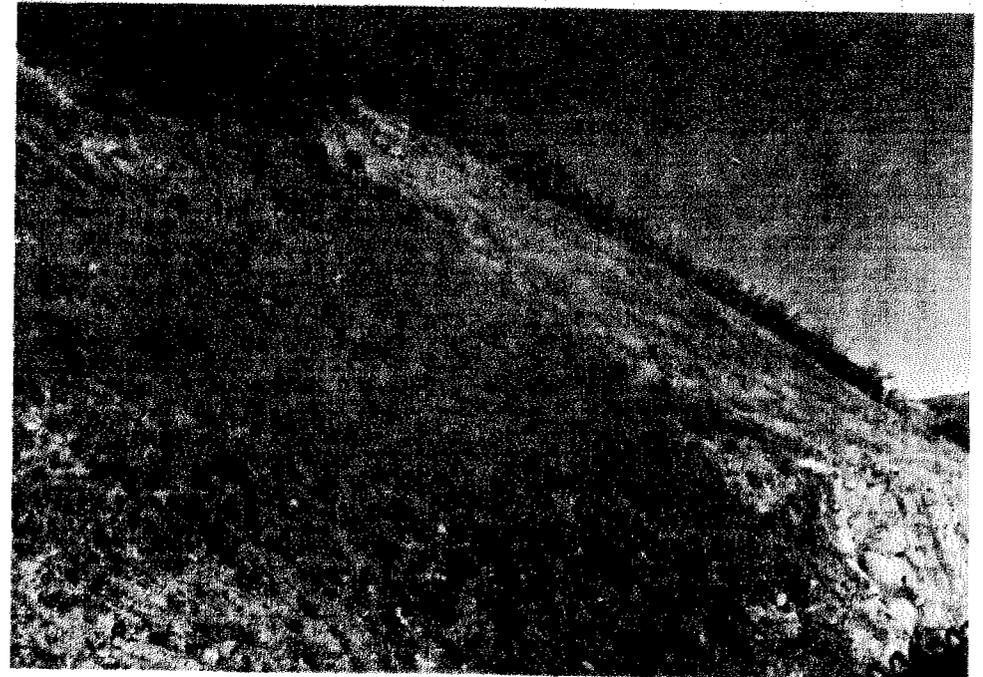
Area #1 - Topsoil Pile



Area #2 - Seeded Hillside



Area #3 - Seeded Area



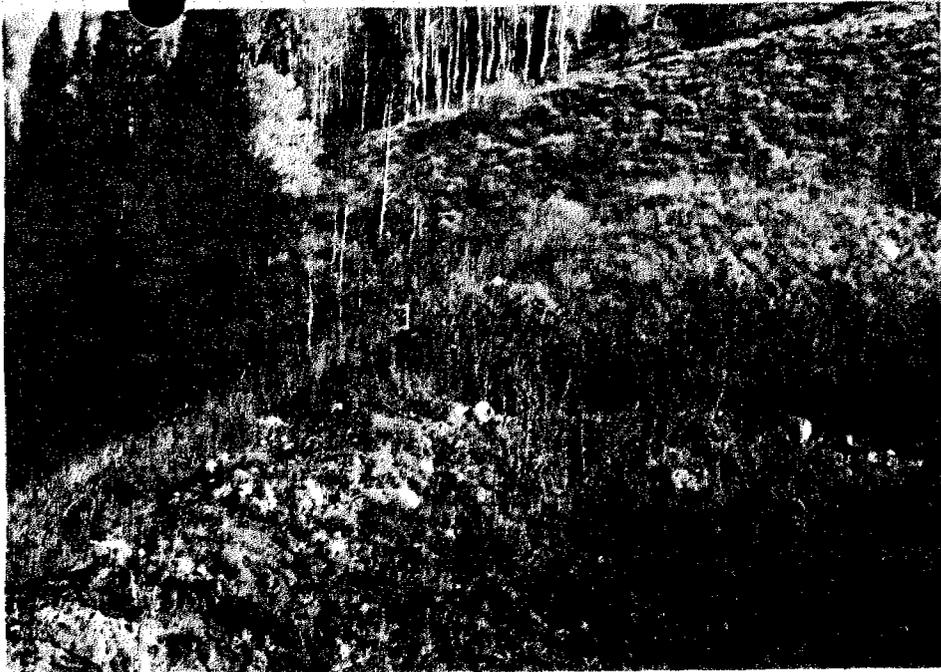
Area #4 - Seeded Hillside



Area #5 - Topsoil Pile

Photographs of Reseeded Sample Areas of Gordon Creek 2, 7 & 8 Mines.  
October 9, 1991

OPEN



Area #5 - Topsoil Pile

Photographs of Reseeded Sample Areas of Gordon Creek 2, 7 & 8 Mines.  
October 9, 1991

OPEN

**ANNUAL  
IMPOUNDMENT  
CERTIFICATIONS**

POND INSPECTION REPORT

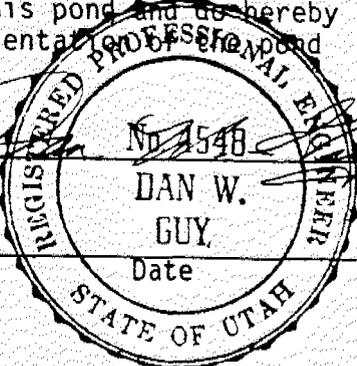
(1991 ANNUAL INSPECTION)

POND: No. 2

LOCATION: Gordon Creek 2/7/8 Mines

ITEM	REMARKS
(1) Potential Safety Hazards	<u>None Noted.</u>
(2) Slope Stability	<u>Slopes appear Stable.</u>
(3) Erosion	<u>None Noted.</u> <u>8"-10" Snow Cover.</u>
(4) Construction and Maintenance Performance Standards	<u>O.K.</u> <u>Sed. Level 1.5' below Clearent Point.</u> <u>Volume - Adequate per Sed. Level.</u>
(5) Recommendations/Comments	<u>~ 2.5' Water (ice) in Pond.</u> <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.

12/16/91  
  
No. 4548  
DAN W. GUY  
Date

POND INSPECTION REPORT

(1991 ANNUAL INSPECTION)

POND: No. 7A

LOCATION: Gordon Creek 2/18 Mines

ITEM	REMARKS
(1) Potential Safety Hazards	<u>None Noted.</u>
(2) Slope Stability	<u>Slopes appear Stable.</u>
(3) Erosion	<u>None Noted.</u>
(4) Construction and Maintenance Performance Standards	<u>Pond Cleaned 11/29/91.</u>
	<u>Sed. Level 1.2' below Clearest Point.</u>
	<u>Pond Volume - Adequate per Sed. Level.</u>
5) Recommendations/Comments	<u>4"-6" Ice in Pond Bottom.</u>
	<u>8"-10" Snow Cover.</u>
	<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 this pond at this time.

12/16/91 Date

DAN W. GUY No. 4548 REGISTERED PROFESSIONAL ENGINEER STATE OF UTAH

POND INSPECTION REPORT

(1991 ANNUAL INSPECTION)

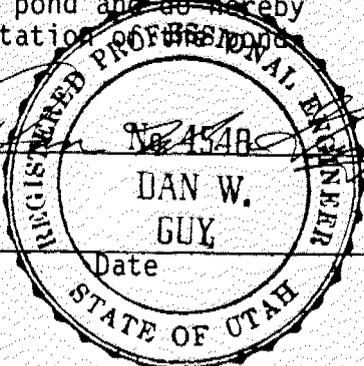
POND: SWEET'S POND

LOCATION: Gordon Creek 2 1/8 Miles.

ITEM	REMARKS
(1) Potential Safety Hazards	<u>None Noted.</u>
(2) Slope Stability	<u>Slopes appear Stable.</u> <u>Well Vegetated.</u>
(3) Erosion	<u>None Noted.</u>
(4) Construction and Maintenance Performance Standards	<u>N/A - Not a Sediment Pond.</u> <u>Inlet/Outlet appear to be O.K.</u> <u>Stream Diversion appears O.K.</u>
(5) Recommendations/Comments	<u>Pond Frozen - Stable.</u> <u>(Fish observed prior to freezing).</u>

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

12/16/91  
Date



REGISTERED PROFESSIONAL ENGINEER  
No. 4548  
DAN W. GUY  
STATE OF UTAH