

BEAVER
CREEK
COAL
1989
ANNUAL
REPORT
NO 2 & 7
MINES

BEAVER CREEK COAL COMPANY
1989 ANNUAL REPORT
GORDON CREEK NO. 2/7/8 MINES

BEAVER CREEK Coal Company

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



March 29, 1990

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: 1989 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 1989 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/pd

cc: Johnny Coffey
File 4-P-5-1-1

RECEIVED
MAR 29 1990
DIVISION OF
GAS & MINING
PRICE, UTAH

BEAVER CREEK COAL COMPANY
1989 ANNUAL REPORT
GORDON CREEK NO. 2/7/8 MINES

RECEIVED
MAR 29 1990
DIVISION OF
GAS & MINING
PRICE, UTAH

BEAVER CREEK Coal Company

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



March 29, 1990

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: 1989 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 1989 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/pd

cc: Johnny Coffey
File 4-P-5-1-1

RECEIVED
MAR 29 1990
DIVISION
GAS & RECLAMATION
PRICE, UTAH

COAL MINING AND RECLAMATION OPERATIONS FOR 1989
(Authority UMC 784)

(Must be submitted to the Division by March 31, 1990)

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

Operator:	Beaver Creek 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
Permit Number:	ACT/007/016
Date of Most Recent Permanent Program Permit:	8/28/89
Quantity of Coal Mined (tonnage) 1989:	554,625 Tons

Attach Updated Mine Sequence Map. (Included)

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

- A. Summarized Water Monitoring Data (Included)
- B. Precipitation or Other Climatological Data (Included)
- C. Subsidence Monitoring Report (Included)
- D. Vegetation Data (test plots) or Revegetation Success Monitoring (includes interim and final) (Included)
- E. Permit Stipulation Status (Included)

CERTIFICATES OF INSURANCE

(Revised August 1985)
(Federal)Bond Number U-629965
Permit Number _____
Mine Name Gordon Creek #2 & #7 MinesSTATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
(801) 538-5340

THE MINED LANDS RECLAMATION ACT

BOND

The undersigned Beaver Creek Coal Company as principal, and United Pacific Insurance Company as surety, hereby jointly and severally bind ourselves, our heirs, administrators, executors, successors and assigns unto the State of Utah, Division of Oil, Gas and Mining, and the U. S. Department of the Interior, Office of Surface Mining in the penal sum of Six Hundred Forty-One Thousand Four Hundred Forty-Three and no/100 dollars (\$ 641,443.00-----). Such sum shall be payable to one, but not both, of the above-named agencies.

The principal estimated in the Mining and Reclamation Plan filed with the Division of Oil, Gas and Mining on the 2nd day of February, 19 83, that 2,286.05 acres of land will be disturbed by this mining operation in the State of Utah. A description of the disturbed land is attached hereto as Exhibit "A."

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

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

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

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

EFFECTIVE: JULY 30, 1987.

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

Beaver Creek Coal Company
Principal (Company)

By Charles B. Smith
Company Officer - Position
Vice President



Date: August 14, 1987

United Pacific Insurance Company
Surety (Company)

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

DATE: AUGUST 4, 1987

APPROVED AS TO FORM:

By _____
Assistant Attorney General

AFFIDAVIT OF QUALIFICATION

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

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

Subscribed and sworn to before me this 4th day of August, 1987.



Cora V. Rodriguez
Notary Public Cora V. Rodriguez

My Commission Expires:

March 24, 1989.

GORDON CREEK NO. 2 & 7 MINES

Exhibit A

Affected Area

Federal Coal

Lease #U-8319

T. 13S., R.8E., Sec.18: Lots 1-4, NW $\frac{1}{2}$ NE $\frac{1}{2}$,
S $\frac{1}{2}$ NE $\frac{1}{2}$, E $\frac{1}{2}$ NW $\frac{1}{2}$, NE $\frac{1}{2}$ SW $\frac{1}{2}$.

T. 13S., R.7E., Sec.12: E $\frac{1}{2}$, E $\frac{1}{2}$ W $\frac{1}{2}$.
Sec.12: NE $\frac{1}{2}$ NE $\frac{1}{2}$, N $\frac{1}{2}$ NW $\frac{1}{2}$, NE $\frac{1}{2}$,
N $\frac{1}{2}$ S $\frac{1}{2}$ NW $\frac{1}{2}$ NE $\frac{1}{2}$.

Lease #U-47975

T. 13S., R.7E., Sec.13: S $\frac{1}{2}$ S $\frac{1}{2}$ NW $\frac{1}{2}$ NE $\frac{1}{2}$,
S $\frac{1}{2}$ NE $\frac{1}{2}$, E $\frac{1}{2}$ W $\frac{1}{2}$, SE $\frac{1}{2}$.
Sec.24: N $\frac{1}{2}$ NE $\frac{1}{2}$, NE $\frac{1}{2}$ NW $\frac{1}{2}$.

T. 13S., R.8E., Sec:19: Lots 1 & 2, SE $\frac{1}{2}$ NW $\frac{1}{2}$.

Permit to Mine (U.S.G.S.)

T. 13S., R.8E., Sec. 7: W $\frac{1}{2}$ SW $\frac{1}{2}$, SE $\frac{1}{2}$ SW $\frac{1}{2}$.

Private Coal

Columbo Lease

T. 13S., R.8E., Sec.17: SW $\frac{1}{2}$ SW $\frac{1}{2}$.
Sec.18: SW $\frac{1}{2}$, SE $\frac{1}{2}$ SW $\frac{1}{2}$.
Sec.19: NE $\frac{1}{2}$, NE $\frac{1}{2}$ NW $\frac{1}{2}$, N $\frac{1}{2}$ SW $\frac{1}{2}$, NW $\frac{1}{2}$ SE $\frac{1}{2}$

UNITED PACIFIC INSURANCE COMPANY

HOME OFFICE, FEDERAL WAY, WASHINGTON

POWER OF ATTORNEY

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

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

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

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

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

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

ARTICLE VII - EXECUTION OF BONDS AND UNDERTAKINGS

1. The Board of Directors, the President, the Chairman of the Board, any Senior Vice President, any Vice President or Assistant Vice President or other officer designated by the Board of Directors shall have power and authority to (a) appoint Attorneys-in-Fact and to authorize them to execute on behalf of the Company, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, and (b) to remove any such Attorney-in-Fact at any time and revoke the power and authority given to him.
2. Attorneys-in-Fact shall have power and authority, subject to the terms and limitations of the power of attorney issued to them, to execute and deliver on behalf of the Company, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof. The corporate seal is not necessary for the validity of any bonds and undertaking, recognizances, contracts of indemnity and other writings obligatory in the nature thereof.
3. Attorneys-in-Fact shall have power and authority to execute affidavits required to be attached to bonds, recognizances, contracts of indemnity or other conditional or obligatory undertakings and they shall also have power and authority to certify the financial statement of the Company and to file the same with the Board of Directors of the By-Laws of the Company or any article or section thereof.

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

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

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



UNITED PACIFIC INSURANCE COMPANY

Charles B. Schmalz
Vice President

STATE OF Washington }
COUNTY OF King } ss.

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

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

My Commission Expires:

June 12, 1982



Nancy Starnes
Notary Public in and for State of Washington
Residing at Tacoma

Charles J. Falskow

I, Charles J. Falskow, 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 4TH day of AUGUST 19 87



Assistant Secretary Charles J. Falskow

CERTIFICATE OF INSURANCE 11-28-89 mjt

CIGNA Property and Casualty Companies

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

RECEIVED
DEC 05 1989



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

To Certify to

State of Utah
Division of Oil, Gas and Mining
Utah Department of Natural Resources
4241 State Office Building
Salt Lake City, UT 84114

DIVISION OF
OIL, GAS & MINING

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

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

Including Beaver Creek 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	Each Person
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				Each { <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				Aggregate—Completed Operations/Products
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				Aggregate—Prem./Oper.
Property Damage 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	Each { <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				Aggregate—Protective
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				Aggregate—Completed Operations/Products
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				Aggregate—Contractual
(c) Automobile Liability	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ISA 001903	01-01-90 to 01-01-93	\$ *See Below	Each Person
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				Each { <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				Each { <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence
Property Damage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ISA 001903	01-01-90 to 01-01-93	\$ *See Below	Each { <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
(d) SEE REVERSE					\$ *2,000,000 Combined Single Limit per occurrence subject to aggregate of \$2,000,000, 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 } between the Insured and:
(Block) all contracts

It is the intention of the company that in the event of cancellation of the policy or policies by the company, ten (10) 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)

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

Revised November, 1987.

CERTIFICATE OF LIABILITY INSURANCE

Issued to:
State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
--oo00oo--

THIS IS TO CERTIFY THAT:

Insurance Company of North America

(Name of Insurance Company)

1600 Arch Street, Philadelphia, PA 19101

(Home Office Address of Insurance Company)

HAS ISSUED TO:

BEAVER CREEK COAL CO.

(Name of Permit Applicant)

GORDON CREEK No. 2/7 MINES

(Mine Name)

ACT/007/016

(Permit Number)

CERTIFICATE OF INSURANCE:

HDO GO 969065-7

(Policy Number)

1-1-88

(Effective Date)

UNDER THE FOLLOWING TERMS AND CONDITIONS:

As Per UMC/SMC Part 800.60 Terms and Conditions for Liability Insurance;

- A. The Division shall require the applicant to submit as part of its permit application a certificate issued by an insurance company authorized to do business in the state of Utah certifying that the applicant has a public liability insurance policy in force for the surface coal mining and reclamation operations for which the permit is sought. Such policy shall provide for personal injury and property damage protection in an amount adequate to compensate any persons injured or property damaged as a result of the surface coal mining and reclamation operations, including the use of explosives and who are entitled to compensation under the applicable provisions of state law. Minimum insurance coverage for bodily injury and property damage shall be \$300,000 for each occurrence and \$500,000 aggregate.
- B. The policy shall be maintained in full force during the life of the permit or any renewal thereof, including the liability period necessary to complete all reclamation operations under this chapter.

1989

WATER MONITORING DATA

WATER MONITORING REPORT

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

Field Measurements	Date Sampled											
	01/24/89	02/28/89	03/14/89	04/08/89	05/24/89	06/20/89	07/21/89	08/22/89	09/05/89	10/30/89	11/23/89	12/07/89
Flow [gpm]	49	92	290	322	211	79	157	129	68	24	27	64
PH	7.9	8	8.1	8	7.9	8.1	8	7.9	7.9	8.1	7.9	6.4
Sp. Con. [ohms]	290	390	490	460	610	590	670	600	490	460	640	690
Temp [C]	0	1	2	4	4	5	4	6	6	1	2	0
Diss. O. [ppm]	10	9	9	9	9	10	9	9	10	9	5	9

Lab. Meas. [mg/l]	Date Sampled				Mean
	02/28/89	05/24/89	08/22/89	11/07/89	
TDS	392	233	372	400	349.25
TSS	24	72	12	6	28.5
O & G	<5	Broken	<5	<5	<5
CaCO3	277	198	225	287	246.75
Hd CaCO3	355	241	300	400	324
Ac CaCO3	<1	<1	0	0	0
HCO3	338	241	274.06	350	300.77
CO3	0	.22	0	0	.22
Cl	10	3.24	12.01	14	9.81
SO4	93	39.5	79.68	113	81.30
Ca	77	24	65.87	93	64.97
Mg	39	44	32.89	41	39.22
K	2	1.58	0	3	1.40
Na	5	3.4	12	7	6.85
Cat/An	2.58	1.34	.31	.56	1.20
Fe	.07	.05	.12	.07	.08
	<.02	.02	<.02	<.02	<.02

WATER MONITORING REPORT

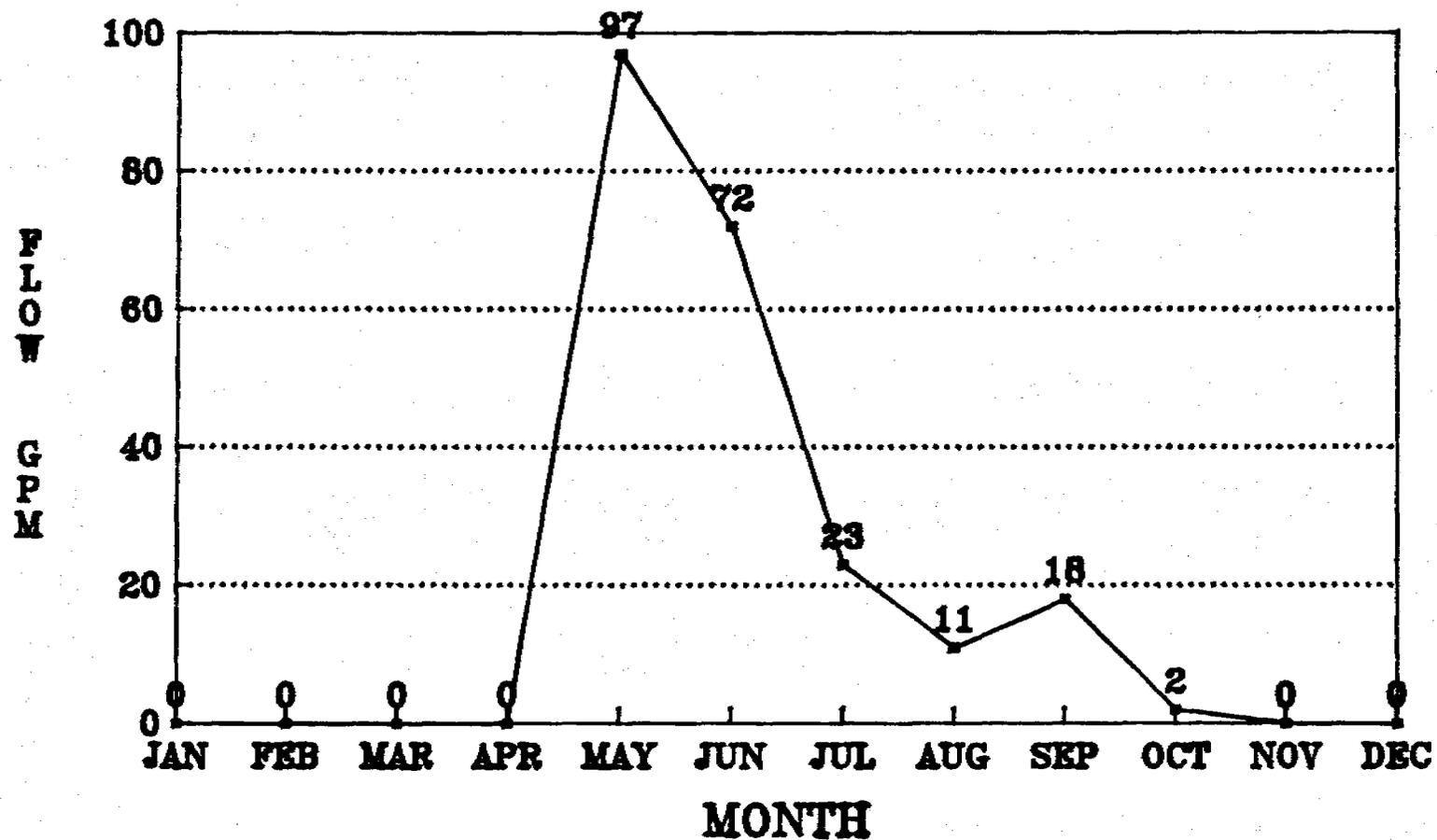
Property: BCCC #9 Mine
 Station: 2-3W
 Location: Lower Beaver Cr.
 Type: P. Stream
 Frequency: Monthly-BiAnnual

Field Measurements	Date Sampled			
	05/24/89	10/30/89	Mean	00/00/00 00/00/00 00/00/00 00/00/00 00/00/00 00/00/00 00/00/00
Flow [gpm]	177	9	63	SEE GRAPH
PH	8.1	8.3	8.2	" "
Sp. Con. [ohms]	400	550	475	" "
Temp [C]	4	1	2.5	" "
Diss. O. [ppm]	9	7	8	" "

Lab. Meas. [ug/l]	Date Sampled		
	05/24/89	10/30/89	Mean
TDS	225	258	241.5
TSS	Onit	54	54
O & G	N/A	N/A	N/A
CaCO3	226	267	246.5
Hd CaCO3	245	291	268
Ac CaCO3	<1	<1	<1
HCO3	262	326	294
CO3	6.66	0	6.66
Cl	3.24	5.27	4.26
SO4	16.05	20.16	18.11
Ca	22.29	102.75	62.52
Hg	46	8.31	27.16
K	1.33	1.62	1.48
Na	2.2	4.7	3.45
Cat/An	.88	1.18	1
Fe	<.05	.08	<.05
	.02	.15	.09

BEAVER CREEK COAL CO.

1989 FLOW DATA FOR 2-3-W



Note: Flows from Continuous Recorder

WATER MONITORING REPORT

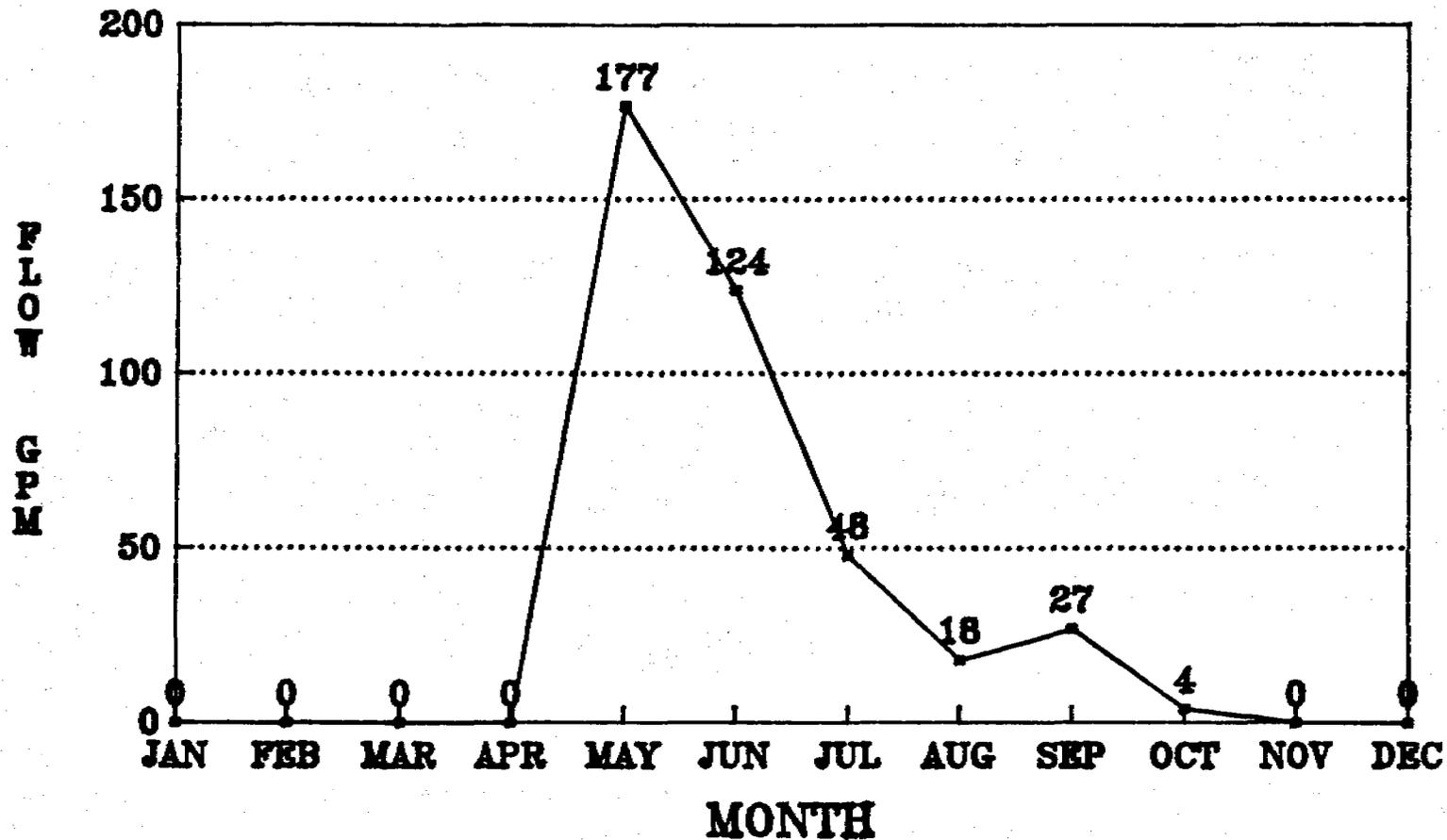
Property: BCCC #2 Mine
 Station: 2-4-W
 Location: Up. Beaver Cr.
 Type: P. Stream
 Frequency: Monthly-BiAnnual

Field Measurements	Date Sampled										
	05/24/89	10/30/89	Mean	00/00/00	00/00/00	00/00/00	00/00/00	00/00/00	00/00/00	00/00/00	00/00/00
Flow [gpm]	94	2	48								
PH	8.0	8.1	8.05								
Sp. Con. [ohms]	400	690	545								
Temp [C]	6	1	3.5								
Diss. O. [ppm]	9	NA									

Lab. Meas. [mg/l]	Date Sampled			Mean
	05/24/89	10/30/89		
TDS	192	304		248
TSS	NT	34		34
O & G	NA	NA		NA
CaCO3	200	387		293.5
Hd CaCO3	219	316		267.5
Ac CaCO3	<1	<1		<1
HCO3	242	350		296
CO3	0	0		0
Cl	324	6.33		165.17
SO4	11.11	28.39		19.75
Ca	25.48	101.06		63.27
Mg	37.8	15.47		26.64
K	1.47	1.88		1.67
Na	1.30	4.6		2.95
Cat/An	1.76	.40		1.08
Fe	.08	.09		.08
	.02	.02		.02

BEAVER CREEK COAL CO.

1989 FLOW DATA FOR 2-4-W



Note: Flows from Continuous Recorder

WATER MONITORING REPORT

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

Field Measurements	Date Sampled		Mean
	05/24/89	10/28/89	
Flow [gpm]	64	2	33
PH	8.1	8	8
Sp.Con. [ohms]	480	500	490
Temp [C]	6	2	4
Diss. O. [ppm]	NA	NA	NA

Lab. Meas. [mg/l]			
TDS	168	242	136.66
TSS	NT	44	44
O & G	NA	NA	NA
Al CaCO3	218	255	236.5
Hd CaCO3	235	278	256.5
Ac CaCO3	<1	<1	<1
HCO3	264	312	288
CO3	0	0	0
Cl	3.24	6.33	4.73
SO4	15.23	16.87	16.05
Ca	24.20	99.38	61.79
Mg	42.44	7.28	24.86
K	1.46	1.59	1.55
Na	1.20	4.10	2.65
Cat/An	.14	1.21	.68
Fe	2.02	11.75	6.89
Mn	.18	5.2	2.69

WATER MONITORING REPORT

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

Field Measurements	Date Sampled		Mean
	05/24/89	10/30/89	
Flow [gpm]	2.6	DRY	2.6
PH	8.2		8.2
Sp.Con. [ohms]	491		491
Temp [C]	7		7
Diss. O. [ppm]	NA		NA

Lab. Meas. [mg/l]			
TDS	194		194
TSS	NT		NT
O & G	NA		NA
Al CaCO3	233		233
Hd CaCO3	261		261
Ac CaCO3	<1		<1
HCO3	282		282
CO3	0		0
Cl	3.24		3.24
SO4	21.81		21.81
Ca	23.09		23.09
Mg	49.41		49.41
K	1.14		1.14
Na	2.20		2.20
Cat/An	1.26		1.26
Fe	<.05		<.05
Mn	<.02		<.02

WATER MONITORING REPORT

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

Field Measurements	Date Sampled				Mean
	03/14/89	05/24/89	08/22/89	10/30/89	
Flow [gpm]	DRY	1.1	.2	DRY	.65
PH		7.9	8		8
Sp. Cond. [ohms]		944	1411		1177.5
Temp. [C]		6	5		5.5
Diss. O [ppm]		N/A	N/A		N/A

Lab. Meas. [mg/l]				
TDS		358	872	617
TSS		45.50	68	56.75
O & G		N/A	N/A	N/A
Al	CaCO3	355	363	359
Hd	CaCO3	575	635	605
Ac	CaCO3	<1	0	0
HCO3		433	442.7	437.9
CO3		0	0	0
Cl		32.4	32.76	32.6
SO4		207	273.60	240.3
Ca		36.63	130.15	83.39
Mg		118	75.43	96.72
K		2.75	0	1.38
Na		12.10	12.00	12.05
Cat/An		.93	1.33	1.13
Fe		.11	.06	.085
Mn		<.02	<.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
	03/14/89	05/24/89	08/22/89	10/30/89	
Flow [gpm]	DRY	2.6	1.2	DRY	1.9
PH		8.1	8		8
Sp. Cond. [ohms]		690	600		645
Temp. [C]		6	6		6
Diss. O [ppm]		NT	NT		NT

Lab. Meas. [mg/l]

TDS		250	338		294
TSS		293	532		412
O & G		NA	NA		NA
Al CaCO3		266	273		270
Hd CaCO3		323	302		312
Ac CaCO3		<1	0		0
HCO3		322	332.6		327.3
CO3		0	0		0
Cl		6.48	7.64		7.06
SO4		59.26	36.96		48.5
Ca		16.72	69.84		43.9
Mg		68.29	30.97		49.2
K		3.87	0		1.75
Na		4.20	12.00		7.2
Cat/An		.10	.05		.07
Fe		.75	1.74		1.25
Mn		.09	.09		.09

WATER MONITORING REPORT

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

Field Measurements	Date Sampled				Mean
	03/14/89	05/24/89	08/22/89	10/30/89	
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
	03/14/89	05/24/89	08/22/89	10/30/89	
Flow [gpm]	DRY	.15	<.2	1.2	.68
PH		8	8	8.1	8
Sp. Cond. [ohms]		1101	1390	790	1094
Temp. [C]		5	6	1	4
Diss. O [ppm]		NA	NA	NA	NA

Lab. Meas. [mg/l]

TDS		598	808	1872	1093
TSS		363	180	6088	2210
O & G		NA	NA	NA	NA
Al CaCO3		381	284	202	289
Hd CaCO3		627	611	1458	899
Ac CaCO3		<1	0	0	0
HCO3		461	346.68	246.39	351.36
CO3		0	0	0	0
Cl		16.2	33.3	293.09	114.2
SO4		245	343.68	899.13	495.9
Ca		9.24	68.25	389.10	155.53
Mg		146.91	107.2	118.45	124.19
K		10.5	0	13.83	12.
Na		11.5	12.00	36.9	20.13
Cat/An		.46	1.66	.12	.75
Fe		1.11	48.61	61.63	37.11
Mn		.11	9.95	1.55	3.87

**BEAVER CREEK Coal Company**

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

January 31, 1990

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 were formally NPDES Permits UT-0023728, UT-0023124 and UT-0023949, respectively. Former permit numbers UT-0023116 and UT-0023060 have now been cancelled. These reports are on the preprinted DMRs provided by the State of Utah, and cover the fourth quarter of 1989.

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

Respectfully,

Dan W. Guy
Mgr. Permitting/Compliance

DWG/nc

Enclosures

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

BEAVER CREEK Coal Company

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



January 31, 1990

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 were formally NPDES Permits UT-0023728, UT-0023124 and UT-0023949, respectively. Former permit numbers UT-0023116 and UT-0023060 have now been cancelled. These reports are on the preprinted DMRs provided by the State of Utah, and cover the fourth quarter of 1989.

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

Respectfully,

Dan W. Guy
Mgr. Permitting/Compliance

DWG/nc

Enclosures

BEAVER CREEK Coal Company

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



January 31, 1990

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 were formally NPDES Permits UT-0023728, UT-0023124 and UT-0023949, respectively. Former permit numbers UT-0023116 and UT-0023060 have now been cancelled. These reports are on the preprinted DMRs provided by the State of Utah, and cover the fourth quarter of 1989.

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

Respectfully,

Dan W. Guy
Mgr. Permitting/Compliance

DWG/nc

Enclosures

PERMITTEE NAME/ADDRESS (Include Facility Name/Local) (If different)
 NAME BEA CREEK COIL--SRDN #2
 ADDRESS P.O. BOX 1378
 PRICE UT 84501

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (2-1) 0750400 (17-19) 001 A
 PERMIT NUMBER DISCHARGE NUMBER

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

FACILITY
 LOCATION
 ATTN: DAN W. GUY, MANAGER

MONITORING PERIOD
 FROM YEAR 89 MO 10 DAY 31 TO YEAR 89 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 (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-63)				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	*****	9.0	***		TRICE/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	*****	*****		*****	30 DA AV	DAILY MX	MG/L			
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5	***		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	***		ONCE/MONTH	GRAB
01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****	*****				
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL	PERMIT REQUIREMENT	*****	*****	YES=1 NO=0	*****	*****	*****	***		ONCE/MONTH	VISUAL
45513 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****	*****	***			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 DAN W. GUY
 Mgr. 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
 Dan W. Guy

TELEPHONE 801 637-8000
 DATE 90 01 15
 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) **BEA CREEK COAL--GRDN #2**
 ADDRESS **P.O. BOX 1378**
 PRICE **BT 84531**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)
UPG04000 **001 A**
 PERMIT NUMBER DISCHARGE NUMBER

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

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	89	11	01		89	11	30
	(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	GRASED	
PH	SAMPLE MEASUREMENT	*****	*****			*****					
00490 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 SOLIDS, SETTLEABLE	PERMIT REQUIREMENT	*****	*****	***	*****	25 30 DA AV	70 DAILY MX	MG/L	ONCE/MONTH	GRAB	
00545 R 0 0 SEE COMMENTS BELOW OIL AND GREASE	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	*****			*****	*****	*****				
45513 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	DAILY MX	YES=1 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 **637 5050**
 DATE **90 01 15**
 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) **BEAVER CREEK COAL--GRDN #2**
 ADDRESS P.O. BOX 1373
 PRICE UT 84501

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) MONITORING REPORT (DMR) (17-19)
 DTG34000 PERMIT NUMBER 001 A DISCHARGE NUMBER

F - FINAL
 SED PND OIFLL-NO FRK/ON CRK

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

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	89	12	11		89	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 (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW RATE		NO DISCHARGE			*****	*****	*****			
00056 I 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30 DA AV	REPORT DAILY MX	SPD	*****	*****	*****	***	ONCE/ MONTH	MEASRD
PH	SAMPLE MEASUREMENT	*****	*****			*****				
00400 I 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 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 I 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10 DAILY MX	MG/L	ONCE/ MONTH	GRAB
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****				
01045 I 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	2.0 DAILY MX	MG/L	ONCE/ MONTH	GRAB
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL	SAMPLE MEASUREMENT	*****			*****	*****	*****			
45813 I 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	0	YES=1 NO=0	*****	*****	*****	***	ONCE/ MONTH	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Dan W. Guy Mng. 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.)	TELEPHONE		DATE		
		TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 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 Dress (Include Facility Name/Location)
 NAME BEAVER CREEK COAL--BODN #2
 ADDRESS P.O. BOX 1378
 PRICE UT 84501

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (2-16) (17-19)
 UFG040004 001 A
 PERMIT NUMBER DISCHARGE NUMBER
 MONITORING PERIOD
 FROM YEAR 89 MO 12 DAY 01 TO YEAR 89 MO 12 DAY 31
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

F - FINAL
 SED PND DTPLL-NO FRK/SDN CRK
 MINOR
 NOTE: Read instructions before completing this form.

FACILITY
 LOCATION
 ATTN: DAN W. GUY, MANAGER

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (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		*****			*****	*****	*****				
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	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
 Mngr. 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 90 01 15
 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.

BEAVER CREEK Coal Company

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



October 26, 1989

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 were formally NPDES Permits UT-0023728, UT-0023124 and UT-0023949, respectively. Former permit numbers UT-0023116 and UT-0023060 have now been cancelled. These reports are on the preprinted DMRs provided by the State of Utah, and cover the third quarter of 1989.

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

Respectfully,

Dan W. Guy
Mgr. Permitting/Compliance

DWG/cr

Enclosures

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

BEAVER CREEK Coal Company

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



October 26, 1989

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

WM-C
~~WC-C~~

Dear Ms. Franklin:

Enclosed Please find Quarterly Discharge Monitoring Reports for Beaver Creek Coal Company's UPDES Permit Numbers UTG040003, UTG040004, and UTG040005. These were formally NPDES Permits UT-0023728, UT-0023124 and UT-0023949, respectively. Former permit numbers UT-0023116 and UT-0023060 have now been cancelled. These reports are on the preprinted DMRs provided by the State of Utah, and cover the third quarter of 1989.

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

Respectfully,

Dan W. Guy
Mgr. Permitting/Compliance

DWG/cr

Enclosures

File 4-E-2-1

BEAVER CREEK Coal Company

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



October 26, 1989

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 were formally NPDES Permits UT-0023728, UT-0023124 and UT-0023949, respectively. Former permit numbers UT-0023116 and UT-0023060 have now been cancelled. These reports are on the preprinted DMRs provided by the State of Utah, and cover the third quarter of 1989.

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

Respectfully,

Dan W. Guy
Mgr. Permitting/Compliance

DWG/cr

Enclosures

BEAVER CREEK Coal Company

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



July 31, 1989

Mr. Fred Pehrson
Utah Division of Environmental Health
Water Quality Section
P.O. Box 2500, Suite 350
150 West North Temple
Salt Lake City, Utah 84110-2500

Dear Mr. Pehrson:

Enclosed please find Quarterly Discharge Monitoring Reports for Beaver Creek Coal Company's NPDES Discharge Permit Numbers UT-0023949, UT-023116, UT-0023124, UT-0023060 and UT-0023728. These reports cover the second quarter of 1989.

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

Respectfully,

Dan W. Guy
Manager of Permits and Compliance

DWG/cr

Enclosures

File 4-E-2-1
WTRMON

BEAVER CREEK Coal Company

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



July 31, 1989

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 NPDES Discharge Permit Numbers UT-0023949, UT-023116, UT-0023124, UT-0023060 and UT-0023728. These reports cover the second quarter of 1989.

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

Respectfully,

Dan W. Guy
Manager of Permits and Compliance

DWG/cr

Enclosures

File 4-E-2-1
WTRMON

PERMITTEE NAME AND ADDRESS (Include Facility Name/Local if different)
 NAME BEAR COAL--GRDN #2
 ADDRESS P.O. BOX 1379
OFFICE UT 84501

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

UT604000 001 A
 PERMIT NUMBER DISCHARGE NUMBER

F - FINAL
 SED PND DTFL-NO PER/GRDN CRK

FACILITY _____
 LOCATION _____

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	89	09	31		89	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 (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 DISCHARGE	REPORT	REPORT	CPD	*****	*****	*****			ONCE/SEASO	MONTH
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30 DA AV	DAILY MX		*****	*****	*****	***			
PH	SAMPLE MEASUREMENT	*****	*****			*****					
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	***	6.5	*****	9.0	***		TWICE/GRAB	MONTH
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	DAILY MX		DAILY MX	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****						
00530 P 0 0	PERMIT REQUIREMENT	*****	*****	***	*****	25	70	***		ONCE/GRAB	MONTH
SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****	****		30 DA AV	DAILY MX	MG/L			
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****					
00545 R 0 0	PERMIT REQUIREMENT	*****	*****	***	*****	*****	3.5	***		ONCE/GRAB	MONTH
SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****	****			DAILY MX	ML/L			
OIL AND GREASE	SAMPLE MEASUREMENT	*****	*****		*****	*****					
PERON EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****		*****	*****					
00556 1 0 0	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10	***		ONCE/GRAB	MONTH
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****			DAILY MX	MG/L			
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****					
01005 1 0 0	PERMIT REQUIREMENT	*****	*****	***	*****	*****	2.0	***		ONCE/GRAB	MONTH
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****			DAILY MX	MG/L			
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL	SAMPLE MEASUREMENT	*****			*****	*****	*****				
45613 1 0 0	PERMIT REQUIREMENT	*****	3	YES=1 NO=0	*****	*****	*****	***		ONCE/VISUAL	MONTH
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****			*****	*****	*****	****			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
DAN W. GUY
Mgr. 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 801 139 5050
 DATE 89 10 26
 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 BOX.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
 NAME BECK COAL--SPDN #2
 ADDRESS PO BOX 1378
PRICE UT 84501

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (21) 4763400 (17-19) 001 A
 PERMIT NUMBER DISCHARGE NUMBER

P - FINAL
 SPN PND OFLL-NO FRK/SDNS CRK

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

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	89	09	01		89	09	30
	(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 (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
SENIARY WASTE DISCHARGED-ASSESSMNT 45814 1 0 0		*****			*****	*****	*****			
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	DAILY MX	YES=1 NO=0	*****	*****	*****	****	ONCE/ MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED 70295 0 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****			*****	*****				
	PERMIT REQUIREMENT	*****	DAILY MX	LBS/DY	*****	*****	REPORT DAILY MX	MS/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
Mgr. 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 \$11,000 and/or maximum imprisonment of between 6 months and 5 years.)

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

TELEPHONE 801 639 5050
 DATE 89 10 26
 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/Local address if different)
 NAME **BEA CREEK COAL--BROW #2**
 ADDRESS **P.O. BOX 1378**
PRICE **UT 84501**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (2-1) (17-19)
0160400 **0017**
 PERMIT NUMBER DISCHARGE NUMBER

F - FINAL
 SED PND DTLL-NO FRK ADM CRF

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

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	89	08	01		89	08	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 (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (54-55)	MAXIMUM (56-57)	UNITS (58-59)	MINIMUM (38-39)	AVERAGE (40-41)	MAXIMUM (42-43)			
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		*****	*****			*****				
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.5 DAILY MX	*****	0.0 DAILY MX	***	TRICE/ GRAP	MONTH
SOLIDS, TOTAL SUSPENDED		*****	*****		*****	*****	*****			
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	25 30 DA AV	70 DAILY MX	***	ONCE/ MONTH	GRAB
SOLIDS, SETTLEABLE		*****	*****		*****	*****	*****			
00545 R 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5 DAILY MX	***	ONCE/ MONTH	GRAB
OIL AND GREASE FFPON EXTR-GRAY METH		*****	*****		*****	*****	*****			
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10 DAILY MX	***	ONCE/ MONTH	GRAB
IRON, TOTAL (AS FE)		*****	*****		*****	*****	*****			
01005 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	2.0 DAILY MX	***	ONCE/ MONTH	GRAB
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL		*****			*****	*****	*****			
45613 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****		YES=1 NO=0	*****	*****	*****	***	ONCE/ MONTH	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
DAN W. GUY
Mgr. 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 **801/137-5000**
 DATE **89 10 26**
 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 HEA CREEK COAL--GRDN #2
 ADDRESS P.O. BOX 1370
PRICE UT 04501

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

UTG040004 001 #
 PERMIT NUMBER DISCHARGE NUMBER

P - FIFAL
 SED PND DIFLL-NO FRK/GRDN CRK

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

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	89	08	01		89	08	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 / PERMIT REQUIREMENT	(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 45514 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****			*****	*****	*****				
	PERMIT REQUIREMENT	*****	0	YES=1 DAILY MX ND=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
Area 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: 801 437-5050
 DATE: 89 10 26
 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 1378**
PRICE **UT 84501**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (17-19)
UT004000
 PERMIT NUMBER
001 A
 DISCHARGE NUMBER
 MONITORING PERIOD
 FROM YEAR **89** MO **07** DAY **01** TO YEAR **89** MO **31** DAY **31**
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

F - FINAL
 SED PND OFELL-NO PRY/CON CRE

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			
FLOW RATE		NO DISCHARGE			*****	*****	*****			
00956 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30 DA AV	REPORT DAILY MX	GPD	*****	*****	*****	***	ONCE/ MONTH	GRAB
PH		*****	*****							
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.5 DAILY MX	*****	9.0 DAILY MX	***	TWICE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED		*****	*****		*****					
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	25 30 DA AV	70 DAILY MX	***	ONCE/ MONTH	GRAB
SOLIDS, SETTLEABLE		*****	*****		*****					
00545 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5 DAILY MX	***	ONCE/ MONTH	GRAB
OIL AND GREASE FROM EXTR-GRAV METH		*****	*****		*****					
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	10 DAILY MX	***	ONCE/ MONTH	GRAB
IRON, TOTAL (AS FE)		*****	*****		*****					
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	2.0 DAILY MX	***	ONCE/ MONTH	GRAB
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL		*****			*****	*****	*****			
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
Mgr. 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 DATE
801 639-5050 **89 10 26**
 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 **BEAVER CREEK COAL-GEN CO**
 ADDRESS **P.O. BOX 1378**
PRICE **UT 84501**

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

UT604000 **001 A**
 PERMIT NUMBER DISCHARGE NUMBER

F - FINAL
 SED PND DTFL-NO FRK/NO CRK

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	89	07	01		89	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

MINOR
 NOTE: Read instructions before completing this form.

FACILITY
 LOCATION
 ATTN: DAN W. GUY, MANAGER

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (54-61)			(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	PERMIT REQUIREMENT	*****	0	YES=1 NO=0	*****	*****	*****	***	ONCE/MONTH	VISUAL
EFFLUENT GROSS VALUE		*****			*****	*****				
SOLIDS, TOTAL DISSOLVED		*****	2000	LBS/DY	*****	*****	REPORT		ONCE/MONTH	GRAB
70295 0 0 0	PERMIT REQUIREMENT	*****	DAILY	MY	*****	*****	DAILY	MY	MG/L	
SEE COMMENTS BELOW										
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
DAN W. GUY
 Mgr. 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.)

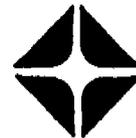
Dan W. Guy
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE **801 687-5050**
 DATE **89 10 26**
 AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 TDS IS LIMITED TO ONE TDM 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



July 31, 1989

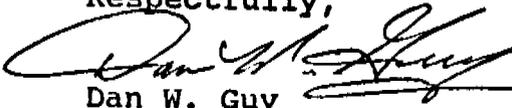
Ms. Donna Franklin
U.S.E.P.A., Region VIII
999 18th Street
Denver Place - Suite 500 WM-C
Denver, CO 80202-2405

Dear Ms. Franklin:

Enclosed please find Quarterly Discharge Monitoring Reports for Beaver Creek Coal Company's NPDES Discharge Permit Numbers UT-0023949, UT-023116, UT-0023124, UT-0023060 and UT-0023728. These reports cover the second quarter of 1989.

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

Respectfully,


Dan W. Guy
Manager of Permits and Compliance

DWG/cr

Enclosures

File 4-E-2-1
WTRMON

NAME Brewer Creek Coal Company

ADDRESS P.O. Box 1378

Price, Utah 84501

FACILITY Gordon Creek 2 & 7

LOCATION Carbon County

UT 0023124
PERMIT NUMBER

001
DISCHARGE NUMBER

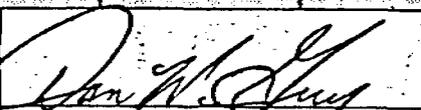
MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
89	04	01	TO	89	06	30
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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			
FLOW RATE [GALLONS PER DAY] 00056		31,248	31,248	GPD						
	PERMIT REQUIREMENT									
SOLIDS, TOTAL SUSP [Suspended] 00530				KG/DA	23	23	23			
	PERMIT REQUIREMENT					25	35	MG/L		
IRON, TOTAL [AS FE] 01045				KG/DA	1.61	1.61	1.61			
	PERMIT REQUIREMENT						2.0	MG/L		
SOLIDS, TOTAL DISS [DISSOLVED] 70300					700	700	700			
	PERMIT REQUIREMENT						700	MG/L		
OIL-GREASE-TOTAL 00556				KG/DA	5	5	5			
	PERMIT REQUIREMENT						10	MG/L		
PH, FIELD 00400				SU	8		8			
	PERMIT REQUIREMENT				6.5		9.0	SU		
SOLIDS, SETTLEABLE 00545				KG/DA	.1	.1	.1			
	PERMIT REQUIREMENT						0.5	ML/L		

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Dan W. Guy
Mngr. 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, INCLUDING 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)


SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 801 637-5050
DATE 89 07 22
AREA CODE NUMBER YEAR MO DAY

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

BEAVER CREEK Coal Company

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



May 3, 1989

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 NPDES Discharge Permit Numbers UT-0023949, UT-023116, UT-0023124, UT-0023060 and UT-0023728. These reports cover the first quarter of 1989.

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

Respectfully,

Dan W. Guy
Manager of Permits and Compliance

DWG/cr

Enclosures

File 4-E-2-1
WTRMON

BEAVER CREEK Coal Company

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



May 3, 1989

Mr. Fred Pehrson
Utah Division of Environmental Health
Water Quality Section
P.O. Box 2500, Suite 350
150 West North Temple
Salt Lake City, Utah 84110-2500

Dear Mr. Pehrson:

Enclosed please find Quarterly Discharge Monitoring Reports for Beaver Creek Coal Company's NPDES Discharge Permit Numbers UT-0023949, UT-023116, UT-0023124, UT-0023060 and UT-0023728. These reports cover the first quarter of 1989.

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

Respectfully,

Dan W. Guy
Manager of Permits and Compliance

DWG/cr

Enclosures

File 4-E-2-1
WTRMON

BEAVER CREEK Coal Company

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



May 3, 1989

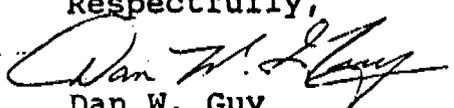
Mr. Lowell Braxton, Administrator
Utah Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear Mr. Braxton:

Enclosed please find Quarterly Discharge Monitoring Reports for Beaver Creek Coal Company's NPDES Discharge Permit Numbers UT-0023949, UT-023116, UT-0023124, UT-0023060 and UT-0023728. These reports cover the first quarter of 1989.

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

Respectfully,


Dan W. Guy
Manager of Permits and Compliance

DWG/cr

Enclosures

File 4-E-2-1
WTRMON

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

NAME **BEAR CREEK COAL COMPANY**

ADDRESS **P.O. BOX 1378**

PRICE, UTAH 84501

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

(2-16)

(17-19)

UT0023124

001

PERMIT NUMBER

DISCHARGE NUMBER

Form Approved
No. 2040-0004
Expires 9-30-85

FACILITY **GORDON CREEK #2 & 7**

LOCATION **CARBON COUNTY**

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	89	01	01		89	03	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
		NO DISCHARGE									
		SAMPLE MEASUREMENT									
		PERMIT REQUIREMENT									
		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 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
89 04 17
YEAR MO DAY

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

POND: #2

LOCATION: *Coastal Creek*

ITEM

REMARKS

(1) Potential Safety Hazards

None

(2) Slope Stability

Stable (snow covered)

(3) Erosion

*None -
except minor and
shallow*

(4) Construction and Maintenance Performance Standards

As in exhibit

(5) Recommendations/Comments

And Major -

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]
2/12/20

POND: Savits

LOCATION: Coastal Highway

ITEM

REMARKS

(1) Potential Safety Hazards

None

(2) Slope Stability

Stable

(3) Erosion

None

(4) Construction and Maintenance Performance Standards

Good - Road Drains

(5) Recommendations/Comments

No Discharge

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

[Signature]

2/12/20

POND:

307

LOCATION:

London Heights

POND INSPECTION REPORT

POND:

7-14

LOCATION:

London Heights

ITEM

REMARKS

(1) Potential Safety Hazards

None

(2) Slope Stability

Stable

(3) Erosion

None

(4) Construction and Maintenance Performance Standards

Good - Good Standard

(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]

1/3/90

POND INSPECTION REPORT

2

LOCATION: Cashon Brook

ITEM

REMARKS

(1) Potential Safety Hazards

None

(2) Slope Stability

Stable

(3) Erosion

None

(4) Construction and Maintenance Performance Standards

Full Load Allowed

(5) Recommendations/Comments

No Discharge

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

J. P. Coombs

6/30/89

POND INSPECTION REPORT

7-A

LOCATION: Carbon Creek

ITEM

REMARKS

(1) Potential Safety Hazards

None

(2) Slope Stability

Stable

(3) Erosion

None

(4) Construction and Maintenance Performance Standards

Wood applied to Channel
Sediment Found

(5) Recommendations/Comments

No Ditching

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

J. M. [Signature]

10/30/59

POND INSPECTION REPORT

POND: Sheds

LOCATION: Woodstock

ITEM
(1) Potential Safety Hazards

None

(2) Slope Stability

Sheds

(3) Erosion

None

(4) Construction and Maintenance Performance Standards

Sheds

(5) Recommendations/Comments

None -
No bad odors, largely
shores

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]
11/30/89
Date

POND INSPECTION REPORT

POND: # 2

LOCATION: 2/7 Miles

<u>ITEM</u>	<u>REMARKS</u>
(1) Potential Safety Hazards	<u>None</u>
(2) Slope Stability	<u>Stable</u>
(3) Erosion	<u>None evident on out slopes.</u> <u>Minor erosion on inlet.</u>
(4) Construction and Maintenance Performance Standards	<u>O.K. - Sediment measurements</u> <u>taken - see attached sheet.</u> <u>Sed. level O.K. - No Discharge.</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.

Don M. Long

8/31/89
Date

POND INSPECTION REPORT

POND: 7A

LOCATION: 2/7 Mines

<u>ITEM</u>	<u>REMARKS</u>
(1) Potential Safety Hazards	<u>None</u>
(2) Slope Stability	<u>Stable</u>
(3) Erosion	<u>None; Slopes Vegetated</u>
(4) Construction and Maintenance Performance Standards	<u>Some sediment build-up. Measurements taken - see attached sheet.</u>
(5) Recommendations/Comments	<u>Pond at cleaning point. Minor inflow from seeps.</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.

Dan W. King

8/31/89

Date

2/7 Sed. Pond Measurements

8/31/89

D. King

Pond	7A		2	
	Level	Elev.	Level	Elev.
Top of Dam	+0.3	7943.0	0	7895.2
Sediment Level	+9.3	7934.0	-	-
Sed. Level (in H ₂ O)	+10.3	7933.0	-14.5 ⁺	7880.7
Req'd	-(11.3)	7932.0	-(13.4)	7881.8
Need to Clean (Y/N)	-	Y	-	N

Notes:

- (1) Pond 7A measurements were taken by hand level at the overflow structure. Actual average sediment levels are likely lower in the area of greater water depth.
- (2) Pond 2 was measured with a tape from the walkway.

POND INSPECTION REPORT

LOCATION:

Carlin Park

ITEM

REMARKS

(1) Potential Safety Hazards

None

(2) Slope Stability

Stable

(3) Erosion

None

(4) Construction and Maintenance Performance Standards

Lead up area

(5) Recommendations/Comments

No Discharge

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

[Signature]

7/21/99

POND INSPECTION REPORT

7a

LOCATION: Carson 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

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]

7/31/89

POND INSPECTION REPORT

No: Breed

LOCATION: Borden Creek

ITEM

REMARKS

(1) Potential Safety Hazards

None

(2) Slope Stability

Stable

(3) Erosion

None

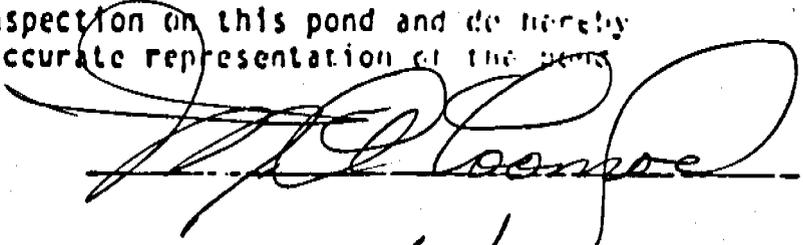
(4) Construction and Maintenance Performance Standards

Good

(5) Recommendations/Comments

Pond Clean
No Fish

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



7/21/89

POND INSPECTION REPORT

POND: 2

LOCATION: Cordon Creek

ITEM

ICE MAKE:

(1) Potential Safety Hazards

None

(2) Slope Stability

Stable

(3) Erosion

None

(4) Construction and Maintenance Performance Standards

Good - Some sed.
loading on inlet

(5) Recommendations/Comments

No Discharge

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

[Signature]
6/20/89

POND INSPECTION REPORT

POND: 7-A

LOCATION: Carbon Creek

ITEM

REMARKS

(1) Potential Safety Hazards

None

(2) Slope Stability

Stable

(3) Erosion

None

(4) Construction and Maintenance Performance Standards

No Problems

(5) Recommendations/Comments

No Discharge

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

[Signature]
6/20/89

POND INSPECTION REPORT

POND: Lewis

LOCATION: London Creek

ITEM
(1) Potential Safety Hazards

None

(2) Slope Stability

Stable

(3) Erosion

None

(4) Construction and Maintenance Performance Standards

Good

(5) Recommendations/Comments

None - see above
No fish in water

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]
20/54

POND INSPECTION REPORT

POND: A2

LOCATION: Coulton Creek

ITEM

REMARKS

(1) Potential Safety Hazards

None

(2) Slope Stability

Good

(3) Erosion

None

(4) Construction and Maintenance Performance Standards

Good

(5) Recommendations/Comments

6' from overflow
(snow method)

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.

Stephen P. Lawrence

3/14/09

POND INSPECTION REPORT

POND: # 7

LOCATION: Coulson 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

less than 18" water
her - frozen on
surface

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

J. P. [Signature]

3/14/79

POND INSPECTION REPORT

POND:

Swack

LOCATION:

London Club

ITEM

REMARKS

(1) Potential Safety Hazards

None

(2) Slope Stability

Stable

(3) Erosion

None

(4) Construction and Maintenance Performance Standards

*Channel eroded upstream
pond not over flowing*

(5) Recommendations/Comments

*None - check on
fish*

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]
5/14/89

POND INSPECTION REPORT

LOCATION: Condon Cr.

2
ITEM

REMARKS

(1) Potential Safety Hazards

None

(2) Slope Stability

Stable

(3) Erosion

None

(4) Construction and Maintenance Performance Standards

Good

(5) Recommendations/Comments

H - F O K
No Discharge

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

[Signature]

3/24/89

POND INSPECTION REPORT

7-A

LOCATION:

Carroll Co

ITEM

REMARKS

(1) Potential Safety Hazards

None

(2) Slope Stability

Stable

(3) Erosion

None

(4) Construction and Maintenance Performance Standards

Good

(5) Recommendations/Comments

*11' Water
No Discharge*

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

[Signature]

Date

POND INSPECTION REPORT

NO

Luxemburg

LOCATION:

London Creek

ITEM

REMARKS

(1) Potential Safety Hazards

None

(2) Slope Stability

Stable

(3) Erosion

None

(4) Construction and Maintenance Performance Standards

None

(5) Recommendations/Comments

*Pond - at full
No fish observed*

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

J. M. Leonard

5/24/89

POND INSPECTION REPORT

POND: 12

LOCATION: Gordon Creek

ITEM

REMARKS

(1) Potential Safety Hazards

None

(2) Slope Stability

Stable

(3) Erosion

Nothing apparent
but snow banks

(4) Construction and Maintenance Performance Standards

Pool level at
app 50% level

(5) Recommendations/Comments

No discharge

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

[Signature]

1/25/89

POND INSPECTION REPORT

POND: #7

LOCATION: Golden Beach

ITEM

REMARKS

(1) Potential Safety Hazards

None

(2) Slope Stability

Stable

(3) Erosion

No Apparent
W/ Minor Erosion

(4) Construction and Maintenance Performance Standards

Good

(5) Recommendations/Comments

No Change

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]

1/27/87

1989

PERMIT / STIPULATION STATUS



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

Norman H. Haugarter
Governor
Dec 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

FEDERAL

Permit Number ACT/007/016, August 28, 1989

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. Peck
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.



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 2, 1990

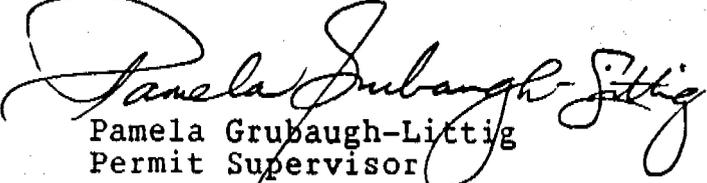
Mr. Dan Guy, Manager
Permitting and Compliance
Beaver Creek Coal Company
P. O. Box 1378
Price, Utah 84501

Dear Mr. Guy:

Re: Approval of Stipulation UMC 817.97-(1)-(WJM/BAS), Five-Year Permit
Renewal, Beaver Creek Coal Company, Gordon Creek #2, #7 and #8
Mines, ACT/007/016, Folder #3, Carbon County, Utah

This letter will inform you that the above-identified stipulation was approved on September 28, 1989. Beaver Creek Coal Company provided safeguards on all powerpoles and installed raptor perches within the 30-day time as required in the permit stipulation (see attached correspondence).

Sincerely,


Pamela Grubaugh-Littig
Permit Supervisor

djh

Attachments

cc: P. Rutledge, OSM, Denver
R. Hagen, OSMRE, Albuquerque
W. Malencik, DOGM, PFO
S. White, DOGM

AT45/141

Five - Year Permit Renewal Stipulation

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.



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

February 23, 1990

TO: Pamela Grubaugh-Littig, Permit Supervisor
FROM: William J. Malencik, Reclamation Specialists *WJM*
RE: Stipulation/Act-007-016/Gordon Creek #2, 7, & 8 Mine

A review of the Price Field Office and the Beaver Creek Mine records was conducted to determine if any outstanding stipulations exist.

Permit approved August 28, 1989, included four stipulations. Subsequent actions and documents reviewed in the file include the following:

- 10/25/89 operators letter notified the Division that they had taken all action and completed all work associated with the four stipulations.
- 2/1/90 Divisions letter accepting and approving the work and operators response on three stipulations.

It appears that the local records are incomplete or that a Division oversight has been made on the approval of the fourth Stipulation UMC 817.97-(1)-(WJM/BAS) on raptor perches'. The inspection report by the Division dated 10/17/89, page 4, item 9, indicated the required work had been completed. This was reverified on 2/22/90. Please provide a copy of the approval document on the above stipulation to the offices of record.

BJM/lap

BEAVER CREEK Coal Company

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



October 25, 1989

OCT 26 1989

Mr. Rick Smith
Permit Supervisor
Utah Division of Oil, Gas & Mining
355 West North Temple
3 Traid Center, Suite 350
Salt Lake City, Utah 84180-1203

RE: Stipulations Response
5-Year Permit Renewal
Gordon Creek 2,7 & 8 Mines
ACT/007/016
Carbon County, Utah

Dear Mr. Smith:

Beaver Creek Coal Co. is herein responding to all stipulations contained in the 5-year Permit Renewal for the Gordon Creek No.2, 7 & 8 Mines, issued August 28, 1988. 5 copies of required information are enclosed for the M.R. P. All pages and plates are numbered, and should replace corresponding numbers in the plan or be inserted at the designated location.

Following is a description of each of the items addressed:

(A) Stipulation UMC 817.23-(1,2)-(HS)

- (1) As-built surveys of the soil stockpiles are included as Plate 8-2;
- (2) A topsoil mass-balance table is included as Table 8-5a.
Note: The 30-day time limit for this stipulation was extended to 60-days by approval letter of 9/28/89.

(B) Stipulation UMC 817.43-(1)-(DW)

- (1) Adequate riprap sizing and channel designs for reclamation of Bryner Canyon are enclosed under revised section 7.2.8.2 and shown on revised Plates 3-7, 3-7A, 3-7B and 3-10.

(C) Stipulation UMC 817.44-(1)-(DW)

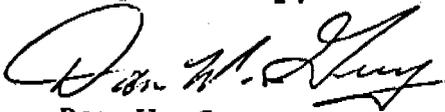
(1) This stipulation is also addressed with the information submitted for UMC 817.43-(1)-(DW) above.

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

(1) Beaver Creek Coal Company has provided safeguards on all power poles and installed raptor perches as prescribed by this stipulation. These controls were placed within the 30-day time frames as stipulated.

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

Respectfully,



Dan W. Guy
Mgr. Permitting/Compliance

cc: Johnny Coffey
File



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 1, 1990

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

Dear Mr. Guy:

RE: Approval of Stipulation Responses UMC 817.23-(1,2)-(HS), UMC 817.43-(1)-(DW) and UMC 817.44-(1)-(DW), Five Year Permit Renewal, Beaver Creek Coal Company, Gordon Creek #2, #7 and #8 Mines, ACT/007/016, Folder #2, Carbon County, Utah

This letter will inform you that the above-identified responses were approved on February 1, 1990.

Sincerely,

Pamela Grubaugh-Littig
Permit Supervisor

djh
cc: T. Munson
H. Sauer
AT45/100



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

File

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 28, 1989

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

Dear Mr. Guy:

Re: Approval of Time Extension for Submitting Materials to Address Stipulation
UMC 817.23-(1, 2)-(HS), Five-Year Permit Renewal, Beaver Creek Coal
Company, Gordon Creek #2, #7 and #8 Mines, ACT/007/016, Folder #3,
Carbon County, Utah

In response to your letter dated September 26, 1989 requesting a time extension for submitting the above-identified information, the Division hereby grants an extension of time until October 27, 1989. The extension should be adequate to allow the requisite information to be derived and compiled.

Sincerely,

Richard V. Smith

Richard V. Smith
Permit Supervisor

djh

cc: H. Sauer, DOGM
W. Warmack, DOGM

AT64/102

BEAVER CREEK Coal Company

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



September 26, 1989

Mr. Rick Smith
Permit Supervisor
Utah Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RE: Stipulation UMC 817.23-(1,2)-(H.S.)
Permit Renewal
Gordon Creek No. 2,7 & 8 Mines
ACT/007/016
Carbon County, Utah

Dear Mr. Smith:

Due to the demand on surveyors at our company and in the area, it will not be possible to complete the No.2/7/8 Mine topsoil pile surveys by 9/28/89 as planned. Beaver Creek Coal Company is therefore requesting a 30-day extension of time to meet the requirements of Stipulation UMC 817.23-(1,2)-(H.S.).

I have finally been able to contract a surveyor for the job, and his work should begin within the next week. This will allow time to complete the survey, maps and the mass balance table prior to October 28, 1989.

I appreciate your consideration in this matter. If you have any questions, or need any further information, please let me know.

Respectfully,

Dan W. Guy
Mgr. Permitting/Compliance

cc: Johnny Coffey
File

DWG/cr



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

File

Norman H. Haugarter
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 15, 1988

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

Dear Mr. Guy:

Re: Final Approval, Stipulation No. 1, Mid-Term Review,
Beaver Creek Coal Company, Gordon Creek #2 and #7 Mine,
ACT/007/016, Folder No. 3, Carbon County, Utah

Division Reclamation Engineer Pamela Grubaugh-Littig has reviewed the November 30, 1988 submittal for Stipulation No. 1 relating to the stability analysis for the Sweet's Canyon Pond embankment. The submittal is adequate to demonstrate that a safety factor in excess of 1.5 exists. Therefore, this stipulation has been satisfactorily addressed. Thank you for your cooperation in this matter.

Sincerely,

John J. Whitehead
Permit Supervisor/
Reclamation Hydrologist

djh
cc: P. Grubaugh-Littig
W. Malencik
AT7/69

BEAVER CREEK Coal Company

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



November 29, 1988

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

RE: Compliance with Stipulation No.1
Mid-Term Permit Review
Gordon Creek No.2 and 7 Mines
ACT/007/016, Folder #3
Carbon County, Utah

Dear Mr. Braxton:

Enclosed are 3 copies of the slope stability calculations and soil analysis for the Sweet's Canyon Pond embankment. This information is submitted to satisfy the Mid-Term Permit Review Stipulation-No.1 of October 6, 1988.

The information is submitted as Appendix 10, and should be inserted into the Appendices section of the P.A.P.

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

Respectfully,

Dan W. Guy
Manager Permitting/Compliance

cc: Johnny Coffey
File

DWG/cr
IBM MIKE

Permit No.: UTG040004

STATE OF UTAH
DEPARTMENT OF HEALTH
BUREAU OF WATER POLLUTION CONTROL
P.O. BOX - 16690
SALT LAKE CITY, UTAH 84116-0690

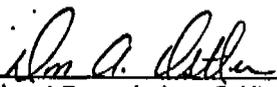
*Authorization to Discharge Under the
Utah Pollutant Discharge Elimination System
Utah General Permit for Coal Mining*

In compliance with provisions of the Utah Water Pollution Control Act, Title 26 Chapter-11 Utah Code Annotated, 1953 as amended, the Act. The coal company identified in the application is authorized to discharge to Waters of the State as identified in the application in accordance with discharge point(s), effluent limitations, monitoring requirements and other conditions set forth herein.

This general permit shall become effective on May 4, 1989.

This general permit and the authorization to discharge shall expire at midnight, April 30, 1993.

Signed this *4th* day of *May 1989*



Authorized Permitting Official
Executive Secretary
Water Pollution Control Committee

TABLE OF CONTENTS

	<u>Page No.</u>
Cover Sheet--Issuance and Expiration Dates	
I. Effluent Limitations and Monitoring Requirements	
A. Definitions	3
B. Criteria for Inclusion in General Permit for Coal Mining	5
C. Notice of Intent for a General Permit for Coal Mining	5
D. Specific Limitations and Self-Monitoring Requirements (Includes Compliance Schedules as Appropriate)	8
II. Monitoring, Recording and Reporting Requirements	
A. Representative Sampling	11
B. Monitoring Procedures	11
C. Penalties for Tampering	11
D. Reporting of Monitoring Results	11
E. Compliance Schedules	11
F. Additional Monitoring by the Permittee	11
G. Records Content	12
H. Retention of Records	12
I. Twenty-four Hour Notice of Noncompliance Reporting	12
J. Other Noncompliance Reporting	13
K. Inspection and Entry	13
III. Compliance Responsibilities	
A. Duty to Comply	14
B. Penalties for Violations of Permit Conditions	14
C. Need to Halt or Reduce Activity not a Defense	14
D. Duty to Mitigate	14
E. Proper Operation and Maintenance.	14
F. Removed Substances	14
G. Bypass of Treatment Facilities	15
H. Upset Conditions.	15
I. Toxic Pollutants.	16
J. Changes in Discharge of Toxic Substances	16
IV. General Requirements	
A. Planned Changes	18
B. Anticipated Noncompliance	18
C. Permit Actions	18
D. Duty to Reapply	18
E. Duty to Provide Information	18
F. Other Information	18
G. Signatory Requirements	18
H. Penalties for Falsification of Reports	19
I. Availability of Reports.	20
J. Oil and Hazardous Substance Liability	20
K. Property Rights	20
L. Severability	20
M. Transfers	20
N. State Laws	20
O. Water Quality Standard Requirements-Reopener Provision	20

I. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Definitions.

1. The "30-day (and monthly) average", is the arithmetic average of all samples collected during a consecutive 30-day period or calendar month, whichever is applicable. The calendar month shall be used for purposes of reporting self-monitoring data on discharge monitoring report forms.
2. The "7-day (and weekly) average", is the arithmetic average of all samples collected during a consecutive 7-day period or calendar week, whichever is applicable. The 7-day and weekly averages are applicable only to those effluent characteristics for which there are 7-day average effluent limitations. The calendar week which begins on Sunday and ends on Saturday, shall be used for purposes of reporting self-monitoring data on discharge monitoring report forms. Weekly averages shall be calculated for all calendar weeks with Saturdays in the month. If a calendar week overlaps two months (i.e., the Sunday is in one month and the Saturday in the following month), the weekly average calculated for that calendar week shall be included in the data for the month that contains the Saturday.
3. "Daily Maximum" ("Daily Max.") is the maximum value allowable in any single sample or instantaneous measurement.
4. "Composite samples" shall be flow proportioned. The composite sample shall, as a minimum, contain at least four (4) samples collected over the compositing-period. Unless otherwise specified, the time between the collection of the first sample and the last sample shall not be less than six (6) hours nor more than 24 hours. Acceptable methods for preparation of composite samples are as follows:
 - a. Constant time interval between samples, sample volume proportional to flow rate at time of sampling;
 - b. Constant time interval between samples, sample volume proportional to total flow (volume) since last sample. For the first sample, the flow rate at the time the sample was collected may be used;
 - c. Constant sample volume, time interval between samples proportional to flow (i.e., sample taken every "X" gallons of flow); and,
 - d. Continuous collection of sample, with sample collection rate proportional to flow rate.
5. A "grab" sample, for monitoring requirements, is defined as a single "dip and take" sample collected at a representative point in the discharge stream.
6. An "instantaneous" measurement, for monitoring requirements, is defined as a single reading, observation, or measurement.

7. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
8. "Bypass" means the diversion of waste streams from any portion of a treatment facility.
9. "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
10. "Executive Secretary" means Executive Secretary of the Utah Water Pollution Control Committee.
11. "EPA" means the United States Environmental Protection Agency.
12. The term "10-year, 24-hour precipitation event" shall mean the maximum 24-hour precipitation event with a probable recurrence interval of once in 10 years as defined by the National Weather Service and Technical Paper No. 40, Rainfall Frequency Atlas of the U.S., May 1961, and subsequent amendments or equivalent regional or rainfall probability information developed therefrom.
13. "Active mining area" means the areas on and beneath land used or disturbed in activity related to the extraction, removal, or recovery of coal from its natural deposits. This term excludes coal preparation plants, coal preparation plant associated areas and post-mining areas.
14. "Reclamation area" means the surface area of a coal mine which has been returned to required contour and on which revegetation (specifically, seeding or planting) work has commenced.
15. The term "coal preparation plant" means a facility where coal is crushed, screened, sized, cleaned, dried, or otherwise prepared and loaded for transit to a consuming facility.
16. The term "coal preparation plant associated areas" means the coal preparation plant yards, immediate access roads, coal refuse piles, and coal storage piles and facilities.
17. The term "settleable solids" is that matter measured by the volumetric method specified below:

The following procedure is used to determine settleable solids:

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

18. Mine drainage means any drainage, and any water pumped or syphoned, from an active mining area or a post mining area.
19. Alkaline mine drainage means mine drainage which before any treatment has a pH equal to or greater than 6.0 and total iron concentration less than 10 mg/l.
20. Post mining areas means: 1) a reclamation area or 2) the underground workings of an underground coal mine after extraction removal or recovery of coal from its natural deposit has ceased and prior to bond release.

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

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

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

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

1. Any facility which desires a general permit for coal mining and meets the requirement of B. above can be issued a general permit only by following the procedures listed below.

Submit a Notice of Intent (NOI) to obtain a general permit for coal mining. The NOI shall include the following items:

- a. Name of the facility.
- b. Facility contact person and phone number for that person.
- c. The facility mailing address (include zip code).
- d. Complete items e through q of the NOI if the information contained in those items has not already been submitted in a previous NOI or individual UPDES application, or if circumstances have changed such that the information previously submitted would be out of date or incorrect.
- e. Facility location such as street address, county, city or town, state and zip code. Include the latitude and longitude of the facility to the nearest 15 seconds.

- f. Name of the operator if other than the owner. Indicate here if the owner will be the operator and the phone number where the operator can be reached during normal and off work hours, and the address of the operator.
- g. Statement as to whether the facility or any existing or proposed discharge points are located on Indian lands or within National Forest boundaries.
- h. List of any other permits (including other UPDES permits) that the facility has or is attempting to obtain such as UIC or RCRA.
- i. Statements as to whether the facility has any hazardous waste treatment storage or disposal areas.
- j. List location and identification number (such as 001, 002, etc.) of each existing discharge and/or proposed discharge point(s). This includes the latitude and longitude to the nearest 15 seconds and the name of the receiving water(s).
- k. A description of the source of the wastewater for each discharge point.
- l. A description of the treatment given or proposed for the wastewater at each discharge point and if necessary a justification of why no treatment is required.
- m. Indicate for each discharge point flow characteristics such as whether flow is or will be continuous or intermittent and indicate projected and/or actual average and maximum flows in gpd.
- n. For each discharge point submit data for the following parameters:
 - 1) Biochemical oxygen demand (BOD)
 - 2) Chemical oxygen demand (COD)
 - 3) Total organic carbon (TOC)
 - 4) Total suspended solids (TSS)
 - 5) Flow
 - 6) Ammonia (as N)
 - 7) Oil and grease
 - 8) Temperature
 - 9) pH
 - 10) Total dissolved solids (TDS)
 - 11) Total iron
 - 12) Date and time of sampling for each parameter
 - 13) Date and time of analysis for each parameter
 - 14) Laboratory which has completed the analysis for each parameter

If no data is available, indicate why the data is not available.

The Executive Secretary may waive the reporting requirements for any of these pollutants and parameters if the applicant submits a request for such a waiver before or with the NOI which demonstrates that information adequate to support issuance of the permit can be obtained through less stringent reporting requirements.

0. Indicate for each discharge point the presence or absence of any toxic and/or priority pollutants as listed by EPA in 40 CFR Part 403.

p. Area Maps (Active Mining Operations)

Facilities are required to submit an Area Map in the form specified hereafter.

The Area Map(s) and any necessary revised Area Map(s) shall be submitted in the form specified below and shall be made from USGS topographical maps (7.5 or 15-minute series) or other appropriate sources as approved by the Executive Secretary or his designee. Each revised area map shall be 8 1/2 inches by 11 inches and shall be in black and white, suitable to produce readable copies by rapid printing methods. (Xerox, Dennison, Offset printing, etc.) or as approved by the Executive Secretary. Where additional 8 1/2 inch by 11 inch maps are required to show the area of operation, they shall be numbered and a key shall be shown on the first map. The first map section shall have the company name, mine/job name, address, and UPDES number clearly printed thereon. Also, one line of latitude and one line of longitude shall be marked on each map section. The Area Map(s) shall delineate the following, using the graphics as indicated:

1. Existing area of operation shall be outlined by a solid line and the map shall show areas at least one mile beyond the existing areas of operation. _____
 2. Existing point source(s) (Solid Triangle)
 3. The projected area of operation for the next five years
----- (Dashed Outline)
 4. Projected point source(s) for the next five years
(Opened Triangle)
 5. The active-inactive status of all discharge points which are listed in the application. These discharge points shall be assigned numbers 001, 002, 003, etc.
 6. The location of springs, rivers and other surface water bodies.
 7. The location of any hazardous waste treatment, storage and disposal areas, and where any fluids are injected into the ground.
- q. If there are any changes corrections, or other modifications or adjustments of the location of the point source discharges, the permittee shall submit a revised Area Map(s) as described in p. above. Such maps must be submitted 30 days prior to commencement of the discharge.

- r. The NOI must be signed by a responsible official of the company with the following format:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in the application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the NOI application, I believe the information is true, accurate and correct. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Name and Official Title Signature

Date

2. Additional information or clarification of information submitted in the NOI may be requested by the Executive Secretary.
3. The NOI to obtain a General Permit for Coal Mining shall be submitted 180 days before expiration of the general permit or an individual permit, for all facilities desiring to continue or obtain a general permit; with the exception of those facilities that have submitted an NOI within one year of the expiration date of the general permit need not resubmit another NOI.
4. New facilities must submit a NOI at least 180 days before the beginning date of discharge.
5. The Executive Secretary will respond to the submission of the NOI by reviewing the NOI within 30 days for a UPDES new source or discharger and 60 days for an existing source and notifying the permittee whether more information is needed or if the NOI is complete, issue the general permit.

D. Specific Limitations and Self-Monitoring Requirements.

1. During the period beginning immediately and lasting through the duration of this permit, the permittee is authorized to discharge from all point sources associated with active mining operations indicated on the Area Maps submitted and approved pursuant to Part I. C. 1p. Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristics</u>	<u>Discharge Limitations a/</u>		<u>Monitoring Requirements</u>		
	<u>Average 30-day</u>	<u>7-Day</u>	<u>Daily Maximum</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow, gpd	N/A	N/A	N/A	Monthly	Measured b/
Suspended Solids, mg/L	25	35	70	Monthly	Grab
Total Iron, mg/L	N/A	N/A	2.0	Monthly	Grab
Dissolved Solids, lbs/day	N/A	N/A	N/A c/	Monthly	Grab
Oil Grease, mg/L	N/A	N/A	10	Monthly	Grab

The pH shall not be less than 6.5 standard units nor greater than 9.0 standard units and shall be monitored twice per month by a grab sample.

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

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

- a/ See Definitions, Part I. A. for definition of terms.
 - b/ For the intermittent discharges, the duration of the discharge shall be reported along with the flow.
 - c/ The total amount of Total Dissolved Solids (TDS) discharged from all mine water and decant operations is limited to one ton (2,000 pounds) per day.
2. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): at any point which is representative of each discharge prior to its mixing with the receiving stream and as indicated by the solid triangles on the current Area Maps submitted pursuant to part I. C. 1p.
 3. Any overflow, increase in volume of a discharge or discharge from a bypass system caused by precipitation within a 24-hour period less than or equal to the 10-year, 24-hour precipitation event (or snowmelt of equivalent volume) at any outfall may comply with the following limitation instead of the Total Suspended Solids limitations contained in Part I. D. 1. provided the facility has been designed, constructed and operated to adequately treat up to a 10 year 24 hour storm event:

Effluent Characteristic

Daily Maximum

Settleable Solids

0.5 ml/L

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

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

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

5. The operator shall have the burden of proof that the discharge or increase in discharge was caused by the applicable precipitation event described in Parts I. D. 3. and D. 4. The alternate limitations in Parts I. D. 3. and D. 4. shall not apply to treatment systems that treat underground mine water only.
6. Best Management Practices. The company shall implement and maintain best management practices for the control of road salt storage and dust suppressent runoff and for the prevention of the discharge of process water from coal preparation plants. In addition the facility must minimize the discharge of salt by using the largest practical amount of saline water for process and dust control.

II. MONITORING, RECORDING AND REPORTING REQUIREMENTS

- A. Representative Sampling. Samples taken in compliance with the monitoring requirements established under Part I shall be collected from the effluent stream prior to discharge into the receiving waters. Samples and measurements shall be representative of the volume and nature of the monitored discharge.
- B. Monitoring Procedures. Monitoring must be conducted according to test procedures approved under Utah Administrative Code (UAC) Section R448-2-10, unless other test procedures have been specified in this permit.
- C. Penalties for Tampering. The Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate, any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than six months per violation, or by both.
- D. Reporting of Monitoring Results. Monitoring results obtained during the previous calendar quarter shall be summarized for each calendar month on separate Discharge Monitoring Report Forms (DMR, EPA No. 3320-1). All three DMRs for the calendar quarter shall be postmarked no later than the 28th day of the calendar month following the completed reporting period. If no discharge occurs during the reporting period, "no discharge" shall be reported. Legible copies of these, and all other reports required herein, shall be signed and certified in accordance with the requirements of Signatory Requirements (see Part IV), and submitted to the Utah Bureau of Water Pollution Control and to EPA at the following addresses:

Original to: Utah Department of Health
Bureau of Water Pollution Control
288 North 1460 West
P.O. Box 16690
Salt Lake City, Utah 84116-0690
Attention: Compliance and Monitoring Program

Copy to: United States Environmental Protection Agency
Region VIII
Denver Place
999 18th Street, Suite 500
Denver, Colorado 80202-2405
Attention: Water Management Division
Compliance Branch (8WM-C)

- E. Compliance Schedules. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any Compliance Schedule of this permit shall be submitted no later than 14 days following each schedule date.
- F. Additional Monitoring by the Permittee. If the permittee monitors any pollutant more frequently than required by this permit, using test procedures approved under UAC Section R448-2-10 as specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR. Such increased frequency shall also be indicated.

- G. Records Contents. Records of monitoring information shall include:
1. The date, exact place, and time of sampling or measurements;
 2. The individual(s) who performed the sampling or measurements;
 3. The date(s) and time(s) analyses were performed;
 4. The individual(s) who performed the analyses;
 5. The analytical techniques or methods used; and,
 6. The results of such analyses.
- H. Retention of Records. The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least three years from the date of the sample, measurement, report or application. This period may be extended by request of the Executive Secretary at any time. Data collected on site, copies of Discharge Monitoring Reports, and a copy of this UPDES permit must be maintained on site during the duration of activity at the permitted location.
- I. Twenty-four Hour Notice of Noncompliance Reporting.
1. The permittee shall (orally) report any noncompliance which may seriously endanger health or the environment as soon as possible, but no later than twenty-four (24) hours from the time the permittee first became aware of the circumstances. The report shall be made to the Utah Bureau of Water Pollution Control, (801) 538-6146, or 24 hour answering service (801) 538-6333.
 2. The following occurrences of noncompliance shall be reported by telephone to the Utah Bureau of Water Pollution Control, Compliance and Monitoring Branch at (801) 538-6146 by the first workday (8:00 a.m. - 5:00 p.m. Mountain Time) following the day the permittee became aware of the circumstances:
 - a. Any unanticipated bypass which exceeds any effluent limitation in the permit (See Part III. G., Bypass of Treatment Facilities.);
 - b. Any upset which exceeds any effluent limitation in the permit (See Part III. H., Upset Conditions.); or,
 - c. Violation of a maximum daily discharge limitation for any of the pollutants listed in the permit.
 3. A written submission shall also be provided within five days of the time that the permittee becomes aware of the circumstances. The written submission shall contain:
 - a. A description of the noncompliance and its cause;
 - b. The period of noncompliance, including exact dates and times;
 - c. The estimated time noncompliance is expected to continue if it has not been corrected; and,

PART II
Permit No.: UTG040004

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

III. COMPLIANCE RESPONSIBILITIES

- A. Duty to Comply. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. The permittee shall give advance notice to the Executive Secretary of the Water Pollution Control Committee of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- B. Penalties for Violations of Permit Conditions. The Act provides that any person who violates a permit condition implementing provisions of the Act is subject to a civil penalty not to exceed \$10,000 per day of such violation. Any person who willfully or negligently violates permit conditions is subject to a fine not exceeding \$25,000 per day of violation. Any person convicted under Section 26-11-16(2) of the Act a second time shall be punished by a fine not exceeding \$50,000 per day. Except as provided in permit conditions on Part III. G., Bypass of Treatment Facilities and Part III. H., Upset Conditions, nothing in this permit shall be construed to relieve the permittee of the civil or criminal penalties for noncompliance.
- C. Need to Halt or Reduce Activity not a Defense. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- D. Duty to Mitigate. The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.
- E. Proper Operation and Maintenance. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit.
- F. Removed Substances. Collected screenings, grit, solids, sludges, or other pollutants removed in the course of treatment shall be buried or disposed of in such a manner so as to prevent any pollutant from entering any waters of the state or creating a health hazard. Sludge/digester supernatant and filter backwash shall not directly enter either the final effluent or waters of the state.

G. Bypass of Treatment Facilities.

1. Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs 2 and 3 of this section. Return of removed substances, as described in Part III. F., to the discharge stream shall not be considered a bypass under the provisions of this paragraph.
2. Notice:
 - a. Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least 60 days before the date of the bypass.
 - b. Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass as required under Part II. I. Twenty-four Hour Reporting.
3. Prohibition of bypass.
 - a. Bypass is prohibited and the Executive Secretary may take enforcement action against a permittee for a bypass, unless:
 - (1) The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage ;
 - (2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and,
 - (3) The permittee submitted notices as required under paragraph 2 of this section.
 - b. The Executive Secretary may approve an anticipated bypass, after considering its adverse effects, if the Executive Secretary determines that it will meet the three conditions listed above in paragraph 3.-a- of this section.

H. Upset Conditions.

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

2. Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
 - a. An upset occurred and that the permittee can identify the cause(s) of the upset;
 - b. The permitted facility was at the time being properly operated;
 - c. The permittee submitted notice of the upset as required under Part II, I., Twenty-four Hour Notice of Noncompliance Reporting; and,
 - d. The permittee complied with any remedial measures required under Part III, D., Duty to Mitigate.
 3. Burden of proof. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.
- I. Toxic Pollutants. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Federal Clean Water Act for toxic pollutants within the time provided in the regulations that establish those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.
- J. Changes in Discharge of Toxic Substances. Notification shall be provided to the Executive Secretary as soon as the permittee knows of, or has reason to believe:
1. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
 - a. One hundred micrograms per liter (100 ug/L);
 - b. Two hundred micrograms per liter (200 ug/L) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/L) for 2,4-dinitrophenol and for 2-methyl-4, 6-dinitrophenol; and one milligram per liter (1 mg/L) for antimony;
 - c. Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with UAC Section-R448-8-3.4 (7) or (10); or,
 - d. The level established by the Executive Secretary in accordance with UAC Section R448-8-4.2 (6).
 2. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

- a. Five hundred micrograms per liter (500 ug/L);
- b. One milligram per liter (1 mg/L) for antimony;
- c. Ten (10) times the maximum concentration value reported for that pollutant in the permit application in accordance with UAC Section R448-8-3.4(9); or,
- d. The level established by the Executive Secretary in accordance with UAC Section R448-8-4.2(6).

IV. GENERAL REQUIREMENTS

- A. Planned Changes. The permittee shall give notice to the Executive Secretary as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is required only when:
1. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source as defined in UAC Section R448-8-1.5.; or,
 2. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements under Part IV. A. 2.
- B. Anticipated Noncompliance. The permittee shall give advance notice of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- C. Permit Actions. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
- D. Duty to Reapply. If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. The application should be submitted at least 180 days before the expiration date of this permit.
- E. Duty to Provide Information. The permittee shall furnish to the Executive Secretary, within a reasonable time, any information which the Executive Secretary may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee shall also furnish to the Executive Secretary, upon request, copies of records required to be kept by this permit.
- F. Other Information. When the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or any report to the Executive Secretary, it shall promptly submit such facts or information.
- G. Signatory Requirements. All applications, reports or information submitted to the Executive Secretary shall be signed and certified.
1. All permit applications shall be signed as follows:
 - a. For a corporation: by a responsible corporate officer;
 - b. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively;

- c. For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official.
2. All reports required by the permit and other information requested by the Executive Secretary shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
 - a. The authorization is made in writing by a person described above and submitted to the Executive Secretary, and,
 - b. The authorization specified either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.)
 3. Changes to authorization. If an authorization under paragraph IV. G. 2. is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of paragraph IV. G. 2. must be submitted to the Executive Secretary prior to or together with any reports, information, or applications to be signed by an authorized representative.
 4. Certification. Any person signing a document under this section shall make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."
- H. Penalties for Falsification of Reports. The Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than six months per violation, or by both.

- I. Availability of Reports. Except for data determined to be confidential under UAC Section R448-8-3.2, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Executive Secretary. As required by the Act, permit applications, permits and effluent data shall not be considered confidential.
- J. Oil and Hazardous Substance Liability. Nothing in this permit shall be construed to preclude the permittee of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Federal Clean Water Act or the Utah Water Pollution Control Act.
- K. Property Rights. The issuance of this permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.
- L. Severability. The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.
- M. Transfers. This permit may be automatically transferred to a new permittee if:
1. The current permittee notifies the Executive Secretary at least 30 days in advance of the proposed transfer date;
 2. The notice includes a written agreement between the existing and new permittee containing a specific date for transfer of permit responsibility, coverage, and liability between them; and,
 3. The Executive Secretary does not notify the existing permittee and the proposed new permittee of his or her intent to modify, or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement mentioned in paragraph 2 above.
- N. State Laws. Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation under authority preserved by Section 26-11-19 of the Act.
- O. Water Quality Standard Requirement - Reopener Provision
This permit may be reopened and modified (following proper administrative procedures) to include the appropriate effluent limitations and compliance schedule, if necessary, if one or more of the following events occurs:

1. Water Quality Standards for the receiving water(s) to which the permittee discharges are modified in such a manner as to require different effluent limits than contained in this permit.
2. A final wasteload allocation is developed and approved by the State and/or EPA for incorporation in this permit.
3. A revision to the current 208 plan is approved and adopted which calls for different effluent limitations than contained in this permit.

1989

SUBSIDENCE MONITORING REPORT

R.D.N. SURVEYING

613 KENDRICK PLACE -- BOULDER CITY, NV. 89005 -- (702)-293-4913

November 15, 1989

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, and No. 7 Mines.

As I mentioned in our telephone conversation the elevation of control point "H" was determined to be 4.11 feet lower than in previous years. An average of coordinates and elevation determined from each subsidence point observed from "H" was used to calculate values for point "H". These values are as follows:

North	East	Elevation
492,568.234	2,120,190.766	8,845.010

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.

Respectively yours,

R.D.N. SURVEYING



Richard A. Ariotti, R.L.S.

SUBSIDENCE MONITORING
FOR
GORDON CREEK #2 MINE & BEAVER CREEK

STATION	ORIG. ELEV.	SURVEY ELEV.				CHANGES	
	7/29/86	10/27/86	8/16/87	10/2/88	10/15/89	LATEST	ACC.
SWEETS	9174.513	9174.513	9174.513	9174.513	9174.513	-	-
"H"	8849.120	8849.120	8849.120	8849.120	8845.010	-4.110	-4.110
"A"	8653.167	8653.510	8653.553	8653.491	8653.683	0.192	0.516
"B"	8241.927	8242.048	8241.862	8242.316	8242.026	-0.290	0.099
B-1	8542.205	8542.053	8542.250	8542.322	8542.320	-0.002	0.115
B-2	8557.768	8557.610	8557.700	8557.897	8557.919	0.022	0.151
B-3	8571.868	8571.696	8571.837	8571.931	8571.924	-0.007	0.056
B-4	8594.970	8594.822	8594.959	8595.039	8595.047	0.008	0.077
B-5	8590.990	8590.851	8590.997	8591.065	8591.048	-0.017	0.058
B-6	8652.996	8652.852	8652.947	8653.004	8653.055	-0.029	0.059
B-7	8635.952	8635.884	8635.894	8636.104	8635.707	-0.317	-0.165
B-8	8893.432	8893.356	8893.395	8893.507	8893.503	-0.004	0.071
B-9	8409.744	8409.870	8409.843	8409.715	8409.897	0.182	0.153
B-10	8792.567	8792.619	8792.108	8792.631	8792.682	0.051	0.115

SUBSIDENCE MONITORING
FOR
GORDON CREEK #7 MINE

STATION	ORIG. ELEV.	SURVEY ELEV.					CHANGES	
	9/24/86	6/12/86	10/14/86	8/15/87	10/1/88	10/14/89	LATEST	ACC.
SWEETS	9174.513	9174.513	9174.513	9174.513	9174.513	9174.513	-	-
"H"	8849.120	8849.120	8849.120	8849.120	8849.120	8845.010	-4.110	-4.110
"I"	9040.049	9039.714	9039.697	9039.654	9038.291	9038.340	0.057	-1.701
Sub-1	8295.284	8295.278	8295.312	8295.376	8295.160	8295.100	0.028	-0.096
Sub-2	8416.227	8416.194	8416.206	8416.197	8416.179	8416.202	0.023	-0.025
Sub-4	9042.727	9042.740	9042.712	9042.751	9039.971	9040.070	0.107	-2.649
Sub-5	9220.773	9221.004	9221.044	9220.811	9221.024	9220.926	-0.098	0.153
Sub-6	8649.193	8646.524	8646.472	8646.450	8646.402	8646.292	-0.110	-2.901
Sub-7	8724.159	8723.470	8723.318	8723.289	8723.215	8723.160	-0.047	-0.991
Sub-8	8967.402	8966.790	8966.676	8966.622	8966.323	8966.444	0.121	-0.958
Sub-9	8951.147	8900.433	8900.008	8899.904	8899.609	8899.771	0.162	-1.376
Sub-10	8064.970	8064.007	8063.691	8063.620	8063.346	8063.521	0.175	-1.449
Sub-11	9050.850	9050.872	9050.720	9050.234	9049.407	9049.544	0.057	-1.306
Sub-12	8977.577	8977.526	8977.341	8975.913	8975.124	8975.330	0.206	-2.247
Sub-13	8807.506	8807.520	8807.329	8805.186	8804.772	8804.972	0.200	-2.534
Sub-14	9059.611	9059.614	9059.575	9059.692	9059.530	9059.606	0.156	0.075
Sub-15	9000.420	9000.449	9000.371	9000.534	9000.266	9000.410	0.152	-0.002
Sub-17	8905.849	8905.630	8905.590	8905.736	8905.449	8905.663	0.214	-0.106
Sub-18	8662.317	8662.097	8662.031	8662.199	8661.090	8662.435	0.537	0.110
Sub-19	9098.256	9097.999	9097.747	9097.502	9097.093	9097.425	0.332	-0.831
Sub-20	8900.330	8900.057	8900.060	8900.775	8900.000	8900.393	0.393	-1.937
Sub-21	8755.014	8754.819	8754.730	8754.599	8754.221	8754.721	0.500	-0.293
Sub-22	8757.128	8756.914	8756.907	8755.064	8754.704	8755.107	0.403	-2.021
Sub-23	8700.440	8700.409	8700.426	8700.407	8707.532	8707.200	-0.244	-1.160
Sub-24	8762.659	8762.729	8762.599	8762.650	8759.026	8750.053	-0.173	-3.006

SUBSIDENCE MONITORING
 FOR
 BEAVER CREEK #8 MINE

STATION	ORIG. ELEV.	SURVEY ELEV.	CHANGES	
	10/9/88	10/15/89	LATEST	ACC.
SWEETS	9174.513	9174.513		
'H'	8849.120	8845.010	-4.110	-4.110
SUB-25	8561.790	8561.599	-0.191	-0.191
SUB-26	8641.822	8641.487	-0.335	-0.335
SUB-27	8615.259	8615.264	0.005	0.005

1989 BEAVER CREEK NO. 2 & BEAVER CREEK SUBSIDENCE SURVEY

Comp. By.: R.A.A.
Date: 11/12/89

FROM	AZIMUTH	DISTANCE	NORTHING	EASTING	ELEVATION	TO
"H"	44 18 10	5,921.382	496,805.923	2,124,326.555	8,242.026	"B"
"H"	24 22 40	4,991.079	497,114.328	2,122,250.840	8,653.683	"A"
"H"	14 12 06	4,632.283	497,058.947	2,121,327.230	8,409.897	B-9
"H"	359 53 08	5,296.484	497,864.707	2,120,180.187	8,792.682	B-10
"H"	346 59 39	4,800.291	497,253.179	2,119,108.659	8,893.503	B-8
B-8	284 14 40	2,065.791	497,761.486	2,117,106.381	8,635.787	B-7
B-8	293 31 22	1,478.265	497,843.175	2,117,753.235	8,653.055	B-6
B-6	118 33 54	312.204	497,693.892	2,118,027.436	8,591.048	B-5
B-5	32 04 13	239.834	497,897.127	2,118,154.779	8,595.047	B-4
B-4	44 02 41	1,182.594	498,543.937	2,118,849.599	8,571.924	B-3
B-3	77 39 45	325.274	498,613.439	2,119,167.361	8,557.919	B-2
B-2	56 44 51	508.958	498,892.515	2,119,592.983	8,542.320	B-1

1989 BEAVER CREEK NO. 7 MINE SUBSIDENCE SURVEY

Comp. By.: R.A.A.
Date: 11/12/89

FROM	AZIMUTH	DISTANCE	NORTHING	EASTING	ELEVATION	TO
"H"	317 43 21	2,596.690	494,489.513	2,118,443.915	9,038.348	"I"
"H"	305 37 41	3,080.962	494,362.959	2,117,686.512	9,040.078	SUB-4
"H"	287 24 26	1,390.934	492,984.347	2,118,863.533	8,758.853	SUB-24
"H"	305 15 41	1,890.655	493,659.723	2,118,646.995	8,787.288	SUB-23
"H"	313 49 07	2,449.788	494,920.972	2,119,508.061	8,723.168	SUB-7
"H"	352 34 56	2,401.843	494,949.976	2,119,880.680	8,646.292	SUB-6
"H"	346 54 02	1,865.482	494,385.173	2,119,767.970	8,416.202	SUB-2
"H"	6 07 05	1,849.360	494,407.061	2,120,387.866	8,295.188	SUB-1
"H"	285 34 56	3,601.991	493,535.804	2,116,721.163	9,097.425	SUB-19
"H"	286 26 14	4,171.447	493,748.606	2,116,189.804	9,220.926	SUB-5
"I"	45 24 49	490.759	494,834.017	2,118,793.430	8,966.444	SUB-8
SUB-8	345 34 56	388.191	495,209.983	2,118,696.774	8,899.771	SUB-9
SUB-8	355 38 18	595.154	495,427.448	2,118,748.168	8,863.521	SUB-10
SUB-19	237 39 57	839.531	493,086.776	2,116,011.807	8,905.663	SUB-17
SUB-19	217 25 38	1,380.195	492,439.756	2,115,882.345	8,662.435	SUB-18
SUB-19	158 04 37	766.719	492,824.530	2,117,007.426	8,906.393	SUB-20
SUB-19	176 44 24	1,409.654	492,128.432	2,116,801.326	8,754.721	SUB-21
SUB-19	170 08 43	1,993.290	491,571.925	2,117,062.316	8,755.107	SUB-22
SUB-4	324 07 15	1,932.666	495,928.911	2,116,553.819	9,000.418	SUB-15
SUB-4	297 00 17	1,660.247	495,116.818	2,116,207.283	9,059.686	SUB-14
SUB-15	127 44 17	1,709.106	494,882.849	2,117,905.409	9,049.544	SUB-11
SUB-15	115 12 18	1,514.549	495,283.928	2,117,924.168	8,975.330	SUB-12
SUB-15	100 36 12	1,417.750	495,668.033	2,117,947.360	8,884.972	SUB-13

1989 BEAVER CREEK NO. 8 MINE SUBSIDENCE SURVEY

Comp. By.: R.A.A.
Date: 11/12/89

FROM	AZIMUTH	DISTANCE	NORTHING	EASTING	ELEVATION	TO
"H"	232 29 36					POWER POLE
"H"	122 35 06	1,175.813	491,935.000	2,121,181.498	8,615.264	SUB-27
"B"	218 54 50	4,963.994	492,943.485	2,121,208.414	8,641.487	SUB-26
"B"	217 06 46	4,485.979	493,228.582	2,121,619.778	8,561.599	SUB-25

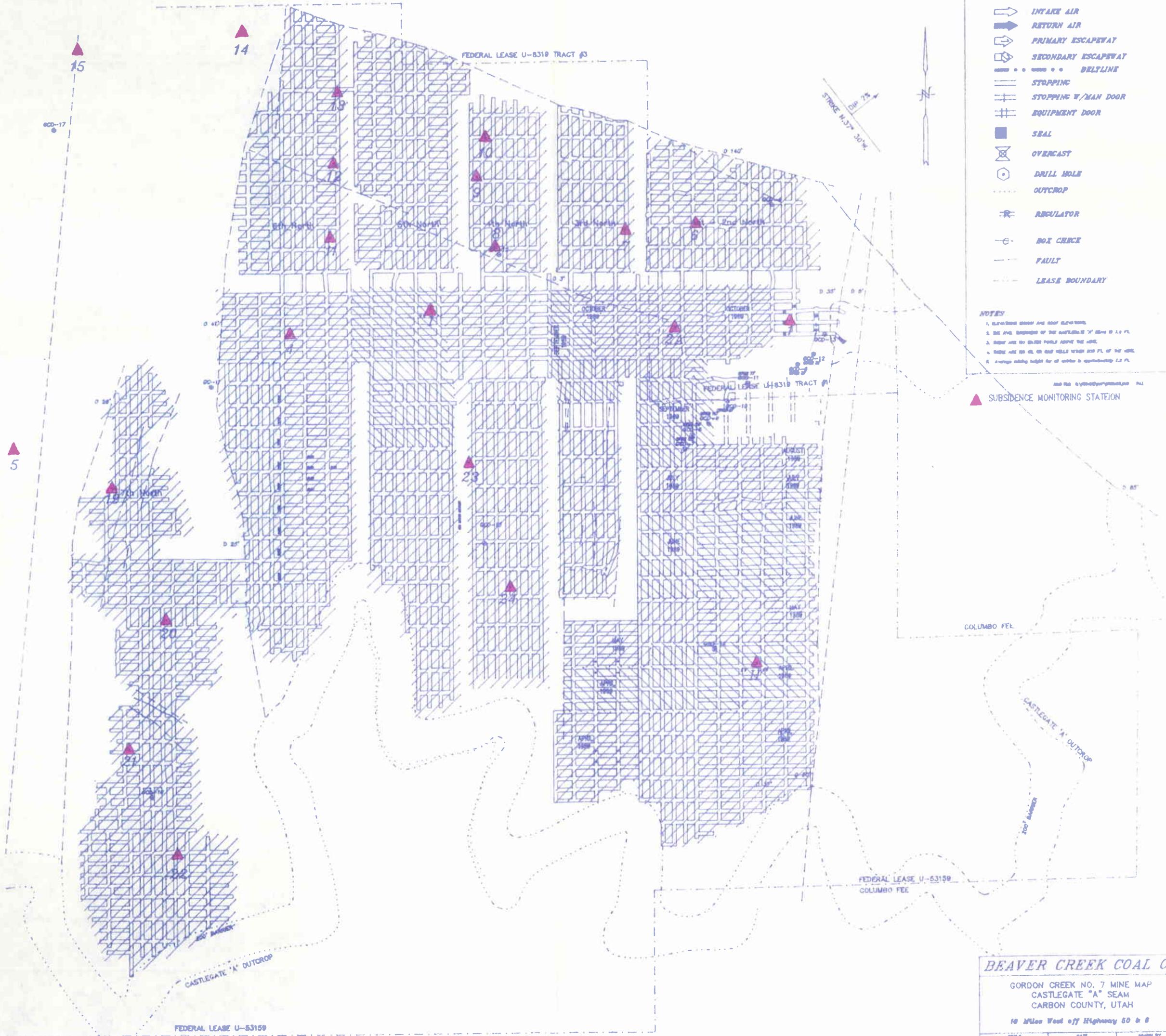
LEGEND

-  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 AVERAGE DEPTH OF THE CASTLEGATE "A" SEAM IS 1.0 FT.
3. SEAM HAS NO SHOOT POOLS ABOVE THE SEAM.
4. THERE ARE NO CL. OR GAS HOLE TRAPS 200 FT. OF THE SEAM.
5. Average entry height for all entries is approximately 7.5 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 89 & 8

SCALE 1"=500'	DATE 3/April/89	DRAWN BY R. Jay Marshall
------------------	--------------------	-----------------------------

1989

VEGETATION DATA

UPDATED MINE MAP

1989

MODIFICATIONS / AMENDMENTS

**RAPTOR SURVEY
AND
MONITORING REPORT**



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertor

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 28, 1988

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

Dear Mr. Guy:

RE: Final Approval, Request to Suspend Annual Raptor
Surveys, Beaver Creek Coal Company, Gordon Creek No. 2
and 7 Mine, ACT/007/016, Folder No. 3, Carbon County,
Utah

The Division hereby approves the above-noted amendment received August 31, 1988. The plans were reviewed by Brent Stettler, Reclamation Biologist, of the Division's technical staff.

If you have any questions, please call Brent Stettler or me. Thank you for your cooperation in this matter.

Sincerely,

John J. Whitehead
Permit Supervisor/
Reclamation Hydrologist

djh

Attachment(s)

cc: R. Hagen

B. Malencik

B. Stettler

WP+15/21

BEAVER CREEK Coal Company

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



August 25, 1988

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

Attention: Mr. John Whitehead

RE: Request to Suspend Annual
Raptor Surveys
Gordon Creek No.2 and 7 Mine
ACT/007/016; #6
Carbon County, Utah

Dear Mr. Braxton:

In response to Mr. Whitehead's letter of July 13, 1988, Beaver Creek Coal Company is requesting the Division's approval to suspend annual raptor surveys for the above referred permit. Revised pages for the permit are enclosed as requested.

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

Respectfully,

Dan W. Guy
Manager Permitting/Compliance

cc Johnny Coffey
File

3.4.6.3 Fish and Wildlife Monitoring

Beaver Creek Coal Company will conduct a wildlife monitoring program throughout the operational life of the Gordon Creek No. 2 and No. 7 Mines. The monitoring program will utilize the services of an environmental specialist and, as necessary, professional consultants to evaluate the on-going success of operational mitigation measures. It will also ensure that sensitive or critical use areas remain undisturbed by future activities, deal with any unforeseen difficulties which might arise and participate in reclamation efforts upon completion of the project. Any threatened or endangered species observed during this monitoring will be reported to the Utah Division of Oil, Gas and Mining and the Utah Division of Mining.

Two aspects of the monitoring program have already been initiated by Beaver Creek Coal Company: (a) monthly inspections of specific stations along Gordon Creek to monitor sediment load, (b) routine reporting by selected personnel of any road kills along the access corridor.

3.4.7 Protection of Air Quality

3.4.7.1 Projected Impacts of Mining Operations on Air Quality

Regional impacts from Gordon Creek mining operations on air quality are expected to be minimal due to the rapid fallout of particles with distance from the source. Particulate matter is the only air pollutant that has the potential to degrade air quality. The particulate matter is predominantly fugitive dust. Increases in concentrations of other pollutants such as sulfur dioxide,

10.7 Fish and Wildlife Monitoring

Beaver Creek Coal Company will conduct wildlife monitoring throughout the operational life of the Gordon Creek No. 2 and No. 7 Mines. The monitoring will utilize the services of full-time environmental specialist and, as necessary, professional consultants to evaluate the on-going success of operational mitigation measures, ensure that threatened or endangered species and sensitive or critical use areas remain undisturbed by future activities, deal with unforeseen difficulties which might arise, and participate in reclamation efforts upon completion of the project.

Two aspects of the monitoring program have already been initiated by Beaver Creek Coal Company: (1) monthly observations of specific stations along Bryner Canyon to monitor sediment load; (2) routine reporting by selected personnel of any road kills along the access corridor. Additional monitoring on Beaver Creek to assess impacts of second mining are discussed in Appendix 6 of this MRP.

In addition to the above, wildlife use of the Elk crossing for the conveyor/access road was to be monitored to attempt to gain additional information concerning frequency of use, as well as impacts on migration. This program has been cancelled due to unavailability of equipment. Approved by Division on 1/9/87.

10.8 Bibliography

American Ornithologists' Union, 1957. Checklist of North American Birds. Lord Baltimore Press, Baltimore.

American Ornithologists' Union, 1973a. Thirty-second supplement to the AOU checklist of North American Birds. Auk 90:411-419.

American Ornithologists' Union, 1983b. Corrections and additions to the 32nd supplement to the checklist of North American Birds. Auk 90:887.

American Ornithologists' Union, 1976. Thirty-third supplement to the AOU checklist of North American Birds. Auk 93:875-879.

American Public Health Association, American Water Works Association, and Water Pollution Control Federation, 1971. Standard methods for the examination of water and wastewater. Thirteenth ed. Amer. Publ. Hlth. Assoc., Washington, D.C.

Armstrong, D.M., 1972. Distribution of mammals in Colorado. Mus. Nat. Hist., Univ. of Kansas, Monogr. No. 3 Lawrence, KS.

Baker, D.L. and N.T. Hobbs. in press. Composition and quality of Elk summer diets in Colorado. J. Wildl. Manage.

Baumann, R.W., AR.T. Gaufin, and R.F. Surdick, 1977. The stoneflies (Plecoptera) of the Rocky Mountains. mem. Amer. Entomol. Soc. No. 31.