0033

MAY 0 - 1987
DIVISION OF
OIL GAS & MINING

CONSOL

Consolidation Coal Company
Mid-Continent Region
12755 Olive Boulevard
St. Louis, Missouri 63141
(314) 275-2300

April 28, 1987

Utah Division of Health
Bureau of Environmental Health
Water Quality Bureau
44 Medical Drive
Salt Lake City, Utah 84113

Re: March 1987 NPDES Report for Permit
No. 0022616 for the Emery Deep Mine

Gentlemen:

I have enclosed a copy of Consolidation Coal Company's Emery Deep Mine NPDES Discharge monitoring reports for the reporting period from March 1, 1987 through March 31, 1987.

If you have any questions or comments, please contact me at your convenience. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and the attached documents; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that submitted information is true and accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Sincerely,

John A. Shotton

John A. Shotton
Vice President
Western Region Operations

LHM/vms

Enclosures

cc: U. S. EPA, Water and Hazardous Waste Enforcement Branch,
Enforcement, Compliance Assurance Section
Director, Utah Division of Oil, Gas & Mining
H. L. Rogers
NPDES File

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

NAME CL [illegible]

ADDRESS S[illegible] 131 [illegible]

E[illegible]Y [illegible] 84522

FACILITY EMERY DEEP MINE

LOCATION EMERY, UT

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2000-0015

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
UT0022519	001

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	87	3	01	TO	87	3	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61) AVERAGE	MAXIMUM	UNITS	(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) MINIMUM	AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******	******	7.9	******	8.1		0	2/31	GR
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	******	6.5	******	9.0	SU		TWICE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	******	******	******	2	6	10		0	2/31	GR
00530 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	******	******	35	70	MG/L		TWICE/MONTH	GRAB
OIL AND GREASE FREON EXTR-GRAV	SAMPLE MEASUREMENT	******	******	******	<1	<1	<1		0	1/31	GR
00556 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	******	******	******	10	MG/L		ONCE/MONTH	GRAB
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	******	******	******	0.2	0.42	0.63		0	2/31	GR
01045 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	******	******	******	2.0	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.238	0.238		******	******	******	******		CONT	PUMP
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	MGD	******	******	******	******		TWICE/MONTH	
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	******	******	******	3530	3546	3562		0	2/31	GR
70295 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	******	******	******	5000	MG/L		TWICE/MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
John Shotton Vice-President TYPED OR PRINTED		John A Shotton	AREA CODE 314	NUMBER 275-2307	YEAR 87	MO 4	DAY 28

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

NO DISCHARGE OF [illegible] OTHER THAN TRACE AMOUNTS. FLOW MAY BE ESTIMATED USING PUMP LOGS AND RATING CURVES. SEE PAGE 3 OF PERMIT FOR LIMITS PERTAINING TO OVERFLOW POINTS. FOR INTERMITTENT DISCHARGES, [illegible] DISCHARGE SHALL BE REPORTED. DAILY AVG [illegible] IS 25 MG/L.

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

NAME CO ISOL. [illegible]

ADDRESS SOUTH [illegible]

EMERY [illegible] 84522

FACILITY EMERY DEEP MINE

LOCATION EMERY, UT

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2000-0015

(2-16) PERMIT NUMBER: UT0022[illegible]

(17-19) DISCHARGE NUMBER: 002

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	87	3	01	TO	87	3	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61) AVERAGE	MAXIMUM	UNITS	(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) MINIMUM	AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******	******		******					
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	******	6.5	******	9.0	S.U.		TWICE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	******	******	******							
00530 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	******	******	35	70	MG/L		TWICE/MONTH	GRAB
OIL AND GREASE FREON EXTR-GRAV [illegible]	SAMPLE MEASUREMENT	******	******	******							
00556 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	******	******	******	10	MG/L		ONCE/MONTH	GRAB
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	******	******	******							
01045 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	******	******	******	2.0	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	NO DISCHARGE			******	******	******	******			
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	MGD	******	******	******	******		TWICE/MONTH	
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	******	******	******							
70295 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	******	******	******	5000	MG/L		TWICE/MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: John Shotton, Vice-President (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.)*

John A. Shotton
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 314, NUMBER 275-2307

DATE: YEAR 87, MO 4, DAY 28

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

NO DISCH[illegible] A. J. STREET [illegible] TRACE AMOUNTS. [illegible] AT [illegible] LOGS AND RATING CURVES. SEE PAGE 3 OF PERMIT FOR [illegible] ITTENT DISCHARGES, [illegible] DISCHARGE SHALL BE REPORTED. DAILY AV[illegible] 25[illegible].

Client : Consolidation Coal Company-Emery Mine
Address : P.O. Box 527
Emery, Utah 84522
Attn. : Mr. Ronald G. Thompson
P.O. No.:

Sample ID: NPDES SITE 001
Sample Date Time: 03/31/87 12:25

Lab No.: 87-WI/01328
Date Received: 04/02/87

Parameters

Conductivity @ 25C	4300.	umhos/cm
Oil and Grease	-1.	mg/l
pH (lab)	7.9	units
Solids, total dissolved	3530.	mg/l
Solids, total suspended	10.	mg/l
Iron, total	.63	mg/l
Manganese, total	.39	mg/l

Remarks:

Note: Negative sign "-" denotes that the value is less than "<".

Ralph V. Poulsen, Laboratory Director

Ralph V. Poulsen /S.H.

POINT 001 DISCHARGES AT THE EMERY DEEP MINE FOR THE FIRST QUARTER 1987
REPORT PREPARED ON 04/30/87 AT 11:27:25

PARAMETER	MINIMUM	ARITHMETIC AVERAGE	MAXIMUM	UNITS	NUMBER EXCEED	NR. MSMTS
POINT 001		FIRST QUARTER 1987				
FLOW INSPECTIONS				CFS	N/A	0
PH	7.9		8.3	STD UNITS		7
TOT SUSP SOLIDS	2	13.6	34	MG/L		7
OIL & GREASE	1.0	2.5	5.0	MG/L		4
TOTAL IRON	0.10	0.29	0.63	MG/L		4
FLOW				MGD	N/A	0
TOT DISS SOLIDS	2340	3055	3562	MG/L		7
SETTLABLE SOLIDS				ML/L		0
NOTE: AVE DAILY TDS LOAD -						
POINT 001		JANUARY 1987				
FLOW INSPECTIONS				CFS	N/A	0
PH	7.9		8.3	STD UNITS		4
TOT SUSP SOLIDS	3	12.3	20	MG/L		4
OIL & GREASE	2.0	3.5	5.0	MG/L		2
TOTAL IRON	0.20	0.22	0.25	MG/L		2
FLOW				MGD	N/A	0
TOT DISS SOLIDS	2340	2728	3170	MG/L		4
SETTLABLE SOLIDS				ML/L		0
NOTE: AVE DAILY TDS LOAD -						
POINT 001		FEBRUARY 1987				
FLOW INSPECTIONS				CFS	N/A	0
PH	7.9		7.9	STD UNITS		1
TOT SUSP SOLIDS	34	34.0	34	MG/L		1
OIL & GREASE	2.0	2.0	2.0	MG/L		1
TOTAL IRON	0.10	0.10	0.10	MG/L		1
FLOW				MGD	N/A	0
TOT DISS SOLIDS	3380	3330	3380	MG/L		1
SETTLABLE SOLIDS				ML/L		0
NOTE: AVE DAILY TDS LOAD -		AVE DAILY TSS EXCEEDED				
POINT 001		MARCH 1987				
FLOW INSPECTIONS				CFS	N/A	0
PH	7.9		8.1	STD UNITS		2
TOT SUSP SOLIDS	2	6.0	10	MG/L		2
OIL & GREASE	1.0	1.0	1.0	MG/L		1
TOTAL IRON	0.20	0.42	0.63	MG/L		2
FLOW				MGD	N/A	0
TOT DISS SOLIDS	3530	3546	3562	MG/L		2
SETTLABLE SOLIDS				ML/L		0
NOTE: AVE DAILY TDS LOAD -						

FOR THE FIRST QUARTER 1987

FLOW = CALCULATED FLOW IN MILLION GALLONS PER DAY
CFS = FLOW IN CUBIC FEET PER SECOND AS MEASURED IN FIELD
E = EXCEEDENCE

---------- POINT=001 ----------

DATE	TIME	CFS	FLOW	PH	TFE	TSS	JANOG	TDS	SS	FPH	ETFE	ETSS	EOANOG	ETDS	ESS	COMMENTS
870115				7.9	0.25	3.0	5.0	3010								UT HLTH INST Q=2.01
870122				8.1	0.20	11.0		3170								INST Q=0.19CFS
870128				8.3		20.0		2340								INST Q=0.003CFS
870128				7.9		15.0	2.0	2392								STD LABS INST Q=0.003CFS
870226				7.9	0.10	34.0	2.0	3380								STD LABS INST Q=0.03CFS
870325				8.1	0.20	2.0		3562								INST Q=1.98CFS
870331				7.9	0.63	10.0	1.0	3530								ACZ LABS INST Q=0.90CFS