

0040

S. Jones

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

January 28, 1987

RECEIVED
FEB 02 1987

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

DIVISION OF
OIL, GAS & MINING

Re: December 1986 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 December 1, 1986 through December 31, 1986.

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 CONSOL. COAL CO-UNDERGROUND
 ADDRESS SOUTH HIGHWAY 10
EMERY UT 84522

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

(2-16) UT0022616
 (17-19) 001
 PERMIT NUMBER DISCHARGE NUMBER

F - FINAL LIMITS
 SEDIMENTATION POND

Form Approved
 OMB No. 2000-0015

FACILITY EMERY DEEP MINE
 LOCATION EMERY, UT

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
86	12	01	86	12	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			UNITS (46-53)	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
PH		*****	*****	*****	7.9	*****	8.0		0	3/31	GR
00400 1 0 EFFLUENT GROSS VALUE		*****	*****	*****	6.5	*****	9.0	SU		TWICE/GRAB MONTH	
SOLIDS, TOTAL SUSPENDED		*****	*****	*****	1	1.5	3		0	3/31	GR
00530 1 0 EFFLUENT GROSS VALUE		*****	*****	*****	*****	35	70	MG/L		TWICE/GRAB MONTH	
OIL AND GREASE FREON EXTR=GRAV METH		*****	*****	*****	2.4	2.4	2.4		0	1/31	GR
00556 1 0 EFFLUENT GROSS VALUE		*****	*****	*****	*****	*****	10	MG/L		ONCE/GRAB MONTH	
IRON, TOTAL (AS FE)		*****	*****	*****	0.05	0.15	0.20		0	3/31	GR
01045 1 0 EFFLUENT GROSS VALUE		*****	*****	*****	*****	*****	2.0	MG/L		TWICE/GRAB MONTH	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT		1.541	2.720	*****	*****	*****	*****	*****	0	2/31	INST.
50050 1 0 EFFLUENT GROSS VALUE		*****	*****	MGD	*****	*****	*****	*****	*****	TWICE/GRAB MONTH	
SOLIDS, TOTAL DISSOLVED		*****	*****	*****	3952	4083	4156		0	3/31	GR
70295 1 0 EFFLUENT GROSS VALUE		*****	*****	*****	*****	*****	5000	MG/L		TWICE/GRAB MONTH	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 John Shotton
 Vice-President

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.)

John Shotton
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
314	275-2307	87	1	28

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 NO DISCHARGE OF SUSPENDED SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS, FLOW MAY BE MEASURED USING PUMP LOGS AND RATING CURVES. SEE PAGE OF PERMIT FOR LIMITS PERTAINING TO OVERFLOW POINTS. FOR INTERMITTENT DISCHARGES, DURATIONS OF DISCHARGE SHALL BE REPORTED. DAILY AVG FLOW TSS IS 25MG/L.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME CONSUL, COAL CU-UNDERGROUND
ADDRESS SOUTH HIGHWAY 10
 EMERY UT 84522

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

Form Approved
 OMB No. 2000-0015

(2-16) **UT0022616** PERMIT NUMBER
 (17-19) **002** DISCHARGE NUMBER

F - FINAL LIMITS
 SEDIMENTATION POND

FACILITY EMERY DEEP MINE
LOCATION EMERY, UT

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
86	12	01	86	12	31
(20-31)	(22-31)	(24-25)	(26-27)	(28-29)	(30-31)

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 (46-53) (34-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	*****	*****	*****		*****					
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6.5	*****	9.0	SU		TWICE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	*****							
00530 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****			70	MG/L		TWICE/MONTH	GRAB
OIL AND GREASE	SAMPLE MEASUREMENT	*****	*****	*****							
FREON EXTR-GRAB METH	PERMIT REQUIREMENT	*****	*****	*****			10	MG/L		ONCE/MONTH	GRAB
00556 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****							
IRON, TOTAL (AS FE)	PERMIT REQUIREMENT	*****	*****	*****			2.0	MG/L		TWICE/MONTH	GRAB
01045 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE				*****	*****	*****	*****		
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	PERMIT REQUIREMENT	*****	*****	MGD		*****	*****	*****	*****		TWICE/MONTH
50050 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****							
SOLIDS, TOTAL DISSOLVED	PERMIT REQUIREMENT	*****	*****	*****			5000	MG/L		TWICE/MONTH	GRAB
70295 1 0 EFFLUENT GROSS VALUE	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 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
John Shotton

TELEPHONE NUMBER: 314 275-2307
 DATE: 87 1 28

COMMENT AND EXPLANATION OF ANY VIOLATION (Reference to attachments if any)
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EMERY MINE
POINT 001
INSTANTANEOUS DISCHARGES

December 18, 1986 0.54 cfs (24 hrs.)

December 19, 1986 4.21 cfs (24 hrs.)

13

ANALYSIS REPORT

CONOCO
COAL RESEARCH DIVISION
LIBRARY, PENNSYLVANIA 15129

TO: MESCHEDE

PROJECT NUMBER 1350-050-002

DATE LOGGED 01/05/87

DATE COMPLETED 01/09/87

DESCRIPTION EMERY MINE
SAMPLE NUMBER 12-4-86
ANALYTICAL NUMBER 870043

----- WATER ANALYSIS -----				
ANALYSIS	UNITS	VALUE	VALUE	DUP AVG
pH		7.90		
TOTAL SUSPENDED SOLIDS		3		
TOTAL DISSOLVED SOLIDS		3952		
IRON, TOTAL		<.20		
MANGANESE		<.20		



MOUNTAIN
STATES
ANALYTICAL

CERTIFICATE OF ANALYSIS

Client:
Consolidation Coal Company
P.O. Box 527
Emery, Utah 84528
Attn: Ron Thompson

Lab. No. 1079
Date Rec'd. 12-23-86
Date Sampled 12-18-86
Time Sampled 1226

Sample ID: Site #6

Conductivity	5002	umhos/cm
Oil & Grease	2.4	mg/l
pH	8.00	Units
Solids, Total Dissolved	4156	mg/l
Solids, Total Suspended	<0.5	mg/l
Iron	0.05	mg/l
Manganese	0.01	mg/l

Supervisor David Denny
Reviewed and approved 12-31-86

Respectfully submitted [Signature]

TH

ANALYSIS REPORT

CONOCO
COAL RESEARCH DIVISION
LIBRARY, PENNSYLVANIA 15129

TO: MESCHEDA

PROJECT NUMBER 1350-050-002

DATE LOGGED 01/05/87
DATE COMPLETED 01/09/87

DESCRIPTION EMERY MINE
SAMPLE NUMBER 12-18-86
ANALYTICAL NUMBER 870044

----- WATER ANALYSIS -----				
ANALYSIS	UNITS	VALUE	VALUE	DUP AVG
pH		8.00		
TOTAL SUSPENDED SOLIDS		<1		
TOTAL DISSOLVED SOLIDS		4142		
IRON, TOTAL		<.20		
MANGANESE		<.20		

RECEIVED
FEB 02 1987

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

DIVISION OF
OIL, GAS & MINING

January 28, 1987

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

Re: December 1986 NPDES Report for Permit
No. 0024040 for the Emery Preparation Plant

Gentlemen:

I have enclosed a copy of Consolidation Coal Company's Emery Preparation Plant NPDES Discharge monitoring reports for the reporting period from December 1, 1986 through December 31, 1986.

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; 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 Division, Compliance Assurance Section
Director, Utah Division of Oil, Gas & Mining
H. L. Rogers
NPDES File

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

(2-16)

(17-19)

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

NAME CONSOLIDATION COAL COMPANY

ADDRESS 12755 Olive Boulevard
St. Louis, MO 63141

UT 0024040
PERMIT NUMBER

001
DISCHARGE NUMBER

FACILITY EMERY MINE PREPARATION PLANT

LOCATION EMERY, UT

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
86	12	01	TO	86	12	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)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Ph	SAMPLE MEASUREMENT	****	****	***				SU			
	PERMIT REQUIREMENT	****	****		6.5	****	9.0			1/30	GR
Solids, Total Susp	SAMPLE MEASUREMENT	****	****	***							
	PERMIT REQUIREMENT	****	****		****	25	70	MG/L		1/30	GR
Oil and Grease	SAMPLE MEASUREMENT	****	****	***							
	PERMIT REQUIREMENT	****	****		****	****	10	MG/L		1/30	GR
Iron, Total	SAMPLE MEASUREMENT	****	****	***							
	PERMIT REQUIREMENT	****	****		****	****	2.0	MG/L		1/30	GR
Flow	SAMPLE MEASUREMENT	NO DISCHARGE			****	****	****	***			
	PERMIT REQUIREMENT	****	****	MGD	****	****	****			1/30	DIR
Solids, Total Diss	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT	****	1	TPD	****	****	****	MG/L		1/30	GR
	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 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.)

John Shotton
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 314 275-2307
DATE 87 1 28
AREA CODE NUMBER YEAR MO DAY

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

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

(2-16)

(17-19)

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

NAME CONSOLIDATION COAL COMPANY

ADDRESS 12755 Olive Boulevard
St. Louis, MO 63141

UT 0024940
PERMIT NUMBER

007
DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
86	12	01	86	12	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

FACILITY EMERY MINE PREPARATION PLANT

LOCATION EMERY, UT

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(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			
Ph	SAMPLE MEASUREMENT	****	****	***				SU			
	PERMIT REQUIREMENT	****	****		6.5	****	9.0			1/30	GR
Solids, Total Susp	SAMPLE MEASUREMENT	****	****	***							
	PERMIT REQUIREMENT	****	****		****	25	70	MG/L		1/30	GR
Oil and Grease	SAMPLE MEASUREMENT	****	****	***							
	PERMIT REQUIREMENT	****	****		****	****	10	MG/L		1/30	GR
Iron, Total	SAMPLE MEASUREMENT	****	****								
	PERMIT REQUIREMENT	****	****	***	****	****	2.0	MG/L		1/30	GR
Flow	SAMPLE MEASUREMENT	NO DISCHARGE			****	****	****	***			
	PERMIT REQUIREMENT	****	****	MGD	****	****	****			1/30	DIR
Solids, Total Diss	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT	****	1	TPD	****	****	****	MG/L		1/30	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

John Shotton
Vice-President

TYPED OR PRINTED

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John Shotton
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
314 | 275-2307
DATE
87 | 1 | 28
AREA CODE | NUMBER | YEAR | MO | DAY

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

RECEIVED
FEB 02 1987

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

DIVISION OF
OIL, GAS & MINING

January 28, 1987

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

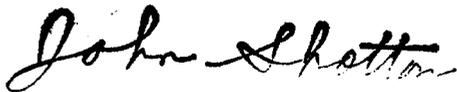
Re: December 1986 NPDES Report for Permit
No. 0022624 for the Emery Surface Mine

Gentlemen:

I have enclosed a copy of Consolidation Coal Company's Emery Surface Mine NPDES Discharge monitoring reports for the reporting period from December 1, 1986 through December 31, 1986.

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
Vice President
Western Region Operations

LHM/vms

Enclosures

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

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

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

Form Approved OMB No. 2000-0015

NAME CONSOLIDATION COAL COMPANY
 ADDRESS 12755 Olive Boulevard
St. Louis, MO 63141

UT0022624 (2-16) FAC A (17-19)
 PERMIT NUMBER DISCHARGE NUMBER

F - FINAL LIMITS
 FACILITY OUTFALLS

FACILITY EMERY SURFACE MINE
 LOCATION EMERY UTAH

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
86	12	01	86	12	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 John Shotton
 Vice President
 TYPED OR PRINTED

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John Shotton
 TELEPHONE 314 275-2307
 DATE 87 1 28
 AREA CODE NUMBER YEAR MO DAY

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