



VCM Plant

Conoco Chemicals
Continental Oil Company
P.O. Box 605
Westlake, Louisiana 70669
(318) 491-5211

CERTIFIED: RETURN RECEIPT REQUESTED
NO. 316075

January 10, 1978

Ms. Adlene Harrison
Regional Administrator
U. S. Environmental Protection Agency
Region VI, Permits Branch (6 AEP)
1201 Elm Street
First International Building
Dallas, TX 75270

Dear Ms. Harrison:

Quarterly Discharge Monitoring Report - Permit No. LA 0003476

Attached are the completed NPDES Discharge Monitoring Reports for October through December, 1977.

Please note the following:

- 1) Data reported on chromium relates to cooling tower blowdown per NPDES permit effective July 1, 1977.
- 2) The excursions recorded for the ammonia (N) parameter in the October, 1977 report have been reported to the EPA. Notification by letter was made October 21, 1977, in accordance with the conditions of the NPDES discharge permit LA 0003476.

Should you have any questions concerning the data presented in these reports, please contact J. A. DeBernardi at (318) 491-5063.

Sincerely,

J. A. DeBernardi
Plant Manager

is

Enc

R. A. LaFleur - LSCC

BCC:

REL-JEC-DAK-CRH-JD-GLF-PLF-RLH

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT**

Form Approved
OMB NO. 158-R0073

CONTINENTAL OIL COMPANY
MR J H MCCOLLEY JR
P O BOX 605
WESTLAKE LA 70669

R

INSTRUCTIONS

1. Provide dates for period covered by this report in spaces marked "REPORTING PERIOD".
2. Enter reported minimum, average and maximum values under "QUANTITY" and "CONCENTRATION" in the units specified for each parameter as appropriate. Do not enter values in boxes containing asterisks. "AVERAGE" is average computed over actual time discharge is operating. "MAXIMUM" and "MINIMUM" are extreme values observed during the reporting period.
3. Specify the number of analyzed samples that exceed the maximum (and/or minimum as appropriate) permit conditions in the columns labeled "No. Ex." If none, enter "0".
4. Specify frequency of analysis for each parameter as No. analyses/No. days (e.g., "3/7" is equivalent to 3 analyses performed every 7 days.) If continuous enter "CONT."
5. Specify sample type ("grab" or "hr. composite") as applicable. If frequency was continuous, enter "NA".
6. Appropriate signature is required on bottom of this form.
7. Remove carbon and retain copy for your records.
8. Fold along dotted lines, staple and mail Original to office specified in permit.

(12-3) LA ST	(4-16) LA0003476 PERMIT NUMBER	(17-19) 031 DIS	SIC	LATITUDE	LONGITUDE
REPORTING PERIOD: FROM		(20-21) 7/7 YEAR	(22-23) 1/0 MO	(24-25) 0/1 DAY	X00X THRU
		(26-27) 7/7 YEAR	(28-29) 1/0 MO	(30-31) 0/1 DAY	

PARAMETER		(3 card only) QUANTITY (38-43)				NO. EX	(4 card only) CONCENTRATION (48-53)				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		(44-51)			UNITS		(54-61)			UNITS			
		MINIMUM	AVERAGE	MAXIMUM			MINIMUM	AVERAGE	MAXIMUM				
BOD	REPORTED	2.4	16.9	29.5	lbs./day	0						1/7	24-hour
	PERMIT CONDITION		600	1350									composite
COD	REPORTED	374	857	1508	lbs./day	0						2/7	24-hour
	PERMIT CONDITION		4177	9398									composite
TSS	REPORTED	130	242	440	lbs./day	0						1/7	24-hour
	PERMIT CONDITION		558	1256									composite
Ammonia (As Nitrogen)	REPORTED	0.41	26.6	96.3	lbs./day	2						1/7	24-hour
	PERMIT CONDITION		30	68									composite
Chromium (1)	REPORTED	<.01	.03	.14	Mg/L	0						1/7	24-hour
	PERMIT CONDITION		0.5	1.0									composite
Chlorinated Hydrocarbon (As EDC)	REPORTED	36	172	382	lbs./day	0						1/7	24-hour
	PERMIT CONDITION		1500	3375									composite
pH	REPORTED	6.9	-	8.1		0						Cont.	NA
	PERMIT CONDITION	6	-	9									
Flow	REPORTED	214	448	611	MGD							Cont.	NA
	PERMIT CONDITION												
NAME OF PRINCIPAL EXECUTIVE OFFICER		TITLE OF THE OFFICER				DATE				I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.  SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			
DeBernardi James A.		Plant Manager, VCM Plant				7/8 0/1 1/1							
LAST FIRST MI		TITLE				YEAR MO DAY							

EPA Form 3320-1 (10-72) 1) Chromium results reported on cooling tower blowdown stream.

ORIGINAL

PAGE 1 OF 3

CCR 000056055

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Form Approved
OMB NO. 158-R0073

CONTINENTAL OIL COMPANY
MR J H MCCOLLEY JR
P O BOX 605
WESTLAKE LA 70669

INSTRUCTIONS

1. Provide dates for period covered by this report in spaces marked "REPORTING PERIOD".
2. Enter reported minimum, average and maximum values under "QUANTITY" and "CONCENTRATION" in the units specified for each parameter as appropriate. Do not enter values in boxes containing asterisks. "AVERAGE" is average computed over actual time discharge is operating. "MAXIMUM" and "MINIMUM" are extreme values observed during the reporting period.
3. Specify the number of analyzed samples that exceed the maximum (and/or minimum as appropriate) permit conditions in the column labeled "No. Ex." If none, enter "0".
4. Specify frequency of analysis for each parameter as No. analyses/No. days. (e.g., "3/7" is equivalent to 3 analyses performed every 7 days.) If continuous enter "CONT."
5. Specify sample type ("grab" or "hr. composite") as applicable. If frequency was continuous, enter "NA".
6. Appropriate signature is required on bottom of this form.
7. Remove carbon and retain copy for your records.
8. Fold along dotted lines, staple and mail Original to office specified in permit.

(2-3) LA ST	(4-10) 140003475 PERMIT NUMBER	(17-18) 001 DIS	SIC	(26-27) (28-29) (30-31) 7 7 1 1 3 0 YEAR MO DAY
REPORTING PERIOD: FROM		(20-21) (22-23) (24-25) 7 7 1 1 0 1 YEAR MO DAY	THRU	(26-27) (28-29) (30-31) 7 7 1 1 3 0 YEAR MO DAY

PARAMETER		(3 card only) QUANTITY				UNITS	NO. EX	(4 card only) CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		MINIMUM	AVERAGE	MAXIMUM				MINIMUM	AVERAGE	MAXIMUM				
BOD	REPORTED	0	6.4	17.3	lbs./day	0						1/7	24-hour	
	PERMIT CONDITION		600	1350									composite	
COD	REPORTED	124	1041	2125	lbs./day	0						2/7	24-hour	
	PERMIT CONDITION		4177	9398									composite	
TSS	REPORTED	131	271	587	lbs./day	0						1/7	24-hour	
	PERMIT CONDITION		558	1256									composite	
Ammonia (As Nitrogen)	REPORTED	1.2	13.5	24.6	lbs./day	0						1/7	24-hour	
	PERMIT CONDITION		30	68									composite	
Chromium (1)	REPORTED	<.01	<.01	<.01	Mg/L	0						1/7	24-hour	
	PERMIT CONDITION		0.5	1.0									composite	
Chlorinated Hydrocarbon (As EDC)	REPORTED	122	404	755	lbs./day	0						1/7	24-hour	
	PERMIT CONDITION		1500	3375									composite	
pH	REPORTED	7.5	-	8.1		0						Cont.	NA	
	PERMIT CONDITION	6	-	9										
Flow	REPORTED	357	499	677	MGD							Cont.	NA	
	PERMIT CONDITION													

NAME OF PRINCIPAL EXECUTIVE OFFICER			TITLE OF THE OFFICER			DATE			I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
DeBernardi James A.			Plant Manager, VCM Plant			7 8 0 1 1 1				
LAST	FIRST	MI	TITLE			YEAR	MO	DAY		

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Form Approved
OMB NO. 158-R0073

CONTINENTAL OIL COMPANY
MR J H MCCULLEY JR
P O BOX 695
WESTLAKE LA 70669

INSTRUCTIONS

1. Provide dates for period covered by this report in spaces marked "REPORTING PERIOD".
2. Enter reported minimum, average and maximum values under "QUANTITY" and "CONCENTRATION" in the units specified for each parameter as appropriate. Do not enter values in boxes containing asterisks. "AVERAGE" is average computed over actual time discharge is operating. "MAXIMUM" and "MINIMUM" are extreme values observed during the reporting period.
3. Specify the number of analyzed samples that exceed the maximum (and/or minimum as appropriate) permit conditions in the columns labeled "No. Ex." If none, enter "0".
4. Specify frequency of analysis for each parameter as No. analyses/No. days (e.g., "3/7" is equivalent to 3 analyses performed every 7 days.) If continuous enter "CONT."
5. Specify sample type ("grab" or "hr. composite") as applicable. If frequency was continuous, enter "NA".
6. Appropriate signature is required on bottom of this form.
7. Remove carbon and retain copy for your records.
8. Fold along dotted lines, staple and mail Original to office specified in permit.

(2-3) LA ST	(4-16) LA0003476 PERMIT NUMBER	(17-19) 001 DIS	SIC	LATITUDE	LONGITUDE
REPORTING PERIOD: FROM		(20-21) 7 YEAR	(22-23) 7 MO	(24-25) 1 DAY	THRU
		(26-27) 7 YEAR	(28-29) 7 MO	(30-31) 1 DAY	

PARAMETER		QUANTITY				UNITS	NO. EX	CONCENTRATION				UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		MINIMUM	AVERAGE	MAXIMUM				MINIMUM	AVERAGE	MAXIMUM					
BOD	REPORTED	7.0	60.7	115.3		lbs./day	0							1/7	24-hour
	PERMIT CONDITION		600	1350											composite
COD	REPORTED	227	798	1477		lbs./day	0							2/7	24-hour
	PERMIT CONDITION		4177	9398											composite
TSS	REPORTED	69	162	362		lbs./day	0							1/7	24-hour
	PERMIT CONDITION		558	1256											composite
Ammonia (As Nitrogen)	REPORTED	0.5	7.1	22.4		lbs./day	0							1/7	24-hour
	PERMIT CONDITION		30	68											composite
Chromium (1)	REPORTED	<.01	<.01	<.01		Mg/L	0							1/7	24-hour
	PERMIT CONDITION		0.5	1.0											composite
Chlorinated Hydrocarbon (As EDC)	REPORTED	399	498	866		lbs./day	0							1/7	24-hour
	PERMIT CONDITION		1500	3375											composite
pH	REPORTED	6.4	-	8.8			0							Cont.	NA
	PERMIT CONDITION	6	-	9											
Flow	REPORTED	280	620	861		MGD								Cont.	NA
	PERMIT CONDITION														
NAME OF PRINCIPAL EXECUTIVE OFFICER		TITLE OF THE OFFICER				DATE		I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.				 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			
DeBernardi James A.		Plant Manager, VCM Plant				7 8 0 1 1 1									
LAST	FIRST	MI	TITLE			YEAR MO DAY									

EPA Form 3320-1 (10-72) 1) Chromium results reported on cooling tower blowdown stream.

ORIGINAL

PAGE 3 OF 3

(CCR) J0056057