Tronox LLC, Columbus

General Information

ID	Branch	SIC	County	Basin	Start	End
1696	Chemical	2491	Lowndes	Tombigbee River	10/27/1992	

Address

Physical Address (Primary)	Mailing Address
2300 14th Avenue North Columbus, MS 39701	PO Box 268859 Oklahoma City, OK 731268859

Telecommunications

Type	Address or Phone
Work phone number	(405) 775-5129

Alternate / Historic AI Identifiers

Alt ID	Alt Name	Alt Type	Start Date	End Date
2808700020	Tronox LLC, Columbus	Air-AIRS AFS	10/12/2000	06/01/2002
168000020	Kerr McGee Chemical Corporation, Columbus	Air-Construction	06/12/1998	
168000020	Kerr McGee Chemical Corporation, Columbus	Air-Synthetic Minor Operating	06/06/1997	06/01/2002
168000020	Kerr McGee Chemical Corporation, Columbus	Air-Synthetic Minor Operating	06/12/1998	06/01/2002
MSR220010	Kerr McGee Chemical Corporation, Columbus	GP-Wood Treating	10/27/1992	07/13/1997
MSD990866329	Kerr McGee Chemical Corporation, Columbus	Hazardous Waste-EPA ID	10/12/2000	
MSD990866329	Kerr McGee Chemical Corporation, Columbus	Hazardous Waste-TSD	06/11/2001	04/12/2006
MSD990866329	Tronox LLC, Columbus	Hazardous Waste-TSD	04/13/2006	05/31/2011
1696	Kerr McGee Chemical Corporation	Historic Site Name	10/27/1992	04/10/2006
1696	Tronox, LLC	Official Site Name	04/10/2006	
MSP090021	Kerr McGee Chemical Corporation, Columbus	Water-Pretreatment	10/11/1994	10/10/1999
MSP090021	Kerr McGee Chemical Corporation, Columbus	Water-Pretreatment	08/23/2000	07/31/2005
MSP090021	Kerr McGee Chemical Corporation, Columbus	Water-Pretreatment	10/31/2005	04/12/2006
MSP090021	Tronox LLC, Columbus	Water-Pretreatment	04/13/2006	09/30/2010

Regulatory Programs

Program	SubProgram	Start Date	End Date
Air	NSPS Subpart Dc	09/12/1990	06/01/2002
Air	SM	06/06/1997	06/01/2002
Hazardous Waste	Large Quantity Generator	04/01/1997	
Hazardous Waste	TSD - Not Classified	06/11/2001	
Water	PT CIU	10/11/1994	09/01/2003
Water	PT CIU - Timber Products	10/11/1994	09/01/2003

	Processing (Subpart 429)		
Water	PT NCS	09/01/2003	
Water	PT SIU	10/11/1994	

Locational Data

Latitude	Longitude	Metadata	S / T / R	Map Links
33 ° 30 ' 38 .51 (033.510697)	88 ° 24 ' 34 .02 (088.409450)	**Point Desc:** PG - Plant entrance (General) Data collected by Louis Crawford on 7/11/00. PG - Plant Entrance (General) Data collected by Clift Jeter on 6/13/02. LAT 33deg 30min 36.6sec LON 88deg 24min 35.1sec **Method:** GPS Code (Psuedo Range) Differential **Datum:** NAD83 **Type:** MDEQ	Section: Township: Range:	SWIMS TerraServer Map It

10/13/2006 10:29:50 AM

Mississippi Department of Environmental Quality
Office of Pollution Control

I-sys 2000 Master Site Detail Report

Site Name: Kerr McGee Chemical Corporation, Columbus

PHYSICAL ADDRESS

LINE 1:
LINE 2: 2300 14th Avenue and 20th Street
LINE 3:
MUNICIPALITY: Columbus
STATE CODE: MS
ZIP CODE: 39703-

MAILING ADDRESS

LINE 1:
LINE 2: 2300 Fourteenth Avenue North
LINE 3:
MUNICIPALITY: Columbus
STATE CODE: MS
ZIP CODE: 39701-

OTHER INFORMATION

MASTER ID: 001696
COUNTY: Lowndes
REGION NRO
SIC 1: 2491
AIR TYPE: SYNTHETIC MINOR
HW TYPE: TSD
SOLID TYPE:
WATER TYPE: INDUSTRIAL
BRANCH: Chemical Branch
ECED CONTACT:
,
BASIN:
Tombigbee River Basin

AIR PROGRAMS

- [ ] SIP
- [ ] PSD
- [x] NSPS
- [ ] NESHAPS
- [ ] MACT

THIS FILE IS CLOSED

THE MATERIAL ENCLOSED IN THIS FILE BEGINS ON:

DATE: 1995

AND ENDS ON:

DATE: 1998

THERE IS MORE RECENT INFORMATION IN THE NEXT FILE ON THIS SITE

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Kerr-McGee Chemical
County Code Lowndes NPDES Permit No. 90021
Discharge No. 001 Date Requested FEB 98
Sample Point Identification Process Wastewater
Requested By Compliance Monitoring Data To Milton Brumfield
Type of Sample: Grab (X) Composite (Flow) (Time X) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition Partly Cloudy & Warm Collected By D. Spurgeon
Where Taken V-Notch weir

	Type	Parameters	Preservative	Date	Time
1.	Grab	Cr, Cu, As	HNO_3	3-23-98	11:30
2.	Grab	Oil & Grease	H_2SO_4	3-23-98	11:30
3.	Grab	Phenol	H_2SO_4	3-23-98	11:30
4.	Grab	Penta Chlorophenol	Cool	3-23-98	11:30
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	(XX)	7.4	D.S	2-23-98
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	(XX)	.02469 MGD	D.S	2-23-98

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other (XX) Sunbelt

V. LABORATORY: Received By V. Hay Date 3-24-98 Time 0935
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	(X)	73.0 mg/l	VS	4-6-98
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	(X)	5.93 mg/l	XF	3-30-98
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Split Samples

*Date of Test Initiation

5200 A. N. Helms

784

March 7, 2000

ENVIRO-LABS, INC
603 Gillespie Street
P. O. Box 1096
Starkville, MS 39760-1096
1-662-323-7764
1-662-324-1745 & FAX
USEPA Labcode: MS00023

TO: Kerr McGee Chemical
Forest Products Division
Attn: Ron Murphey
2300 14th Avenue North
Columbus, MS 39701

03/09/00 THU 15:03 [TX/RX NO 8747]

Lab ID.#	Sample Description	Date Received	Parameter	Sample Result		Result of Standard		Acceptable Range of Standard		Method Used
2513	Effluent	2/09/00	BOD	51	mg/l	198	mg/l	163- 237	mg/l	405.1
			COD	530	mg/l					8000
			SUSPENDED SOLIDS	57	mg/l	79	mg/l	78 - 82	mg/l	160.2
			AMMONIA-N	20.0	mg/l					350.3
			TKN	18.0	mg/l					351.4
			TOP	0.41	mg/l					365.3
			SULFATE	4200	mg/l					375.4
			SULFITE	3.5	mg/l					377.1
			SULFIDE	0.25	mg/l					376.1
			NITRATE-N	0.9	mg/l					352.1
			NITRITE-N	<0.02	mg/l					354.1
			IRON	15.58	mg/l					236.1
			MAGNESIUM	8.61	mg/l					242.1
			MANGANESE	3.36	mg/l					243.1

***THE TESTS PERFORMED ARE IN ACCORDANCE WITH EPA METHODS FOR CHEMICAL ANALYSIS OF WATER AND WASTE.

Approved: _____

INORGANICS REPORT
WATER

SAMPLE No.: 784

ANALYSES:_____ **DATE COLLECTED:**_____

PARAMETER	CONC. ug/l	MQL ug/l	QC %Rec.	Analyst	Date
Arsenic	33.3	5.0	95	GB	5/26/98
Chromium	16.7	1.0	102	GB	5/26/98
Copper	ND	5.0	113	GB	5/26/98

MQL = minimum quantifiable levels
QC %Rec = percent recovery of quality control standard

TARGET COMPOUND LIST
SEMIVOLATILE ORGANIC COMPOUNDS
IN WATER

OPCL NO.: 784 MARKED: _____

ANALYSIS OF: Water DATE RECEIVED: _____

COMPOUNDS	MQL	µg/L	COMPOUNDS	MQL	µg/L	COMPOUNDS	MQL	µg/L
Phenol	10	ND	4-Chloro-3-methylphenol	20	ND	Hexachlorobenzene	10	ND
bis(2-Chloroethyl)ether	10	ND	2-Methylnaphthalene	10	ND	Pentachloropohenol	50	ND
2-Chlorophenol	10	ND	Hexachlorocyclopentadiene	10	ND	Phenanthrene	10	ND
1,3-Dichlorobenzene	10	ND	2,4,6-Trichlorophenol	10	ND	Anthracene	10	ND
1,4-Dichlorobenzene	10	ND	2,4,5-Trichlorophenol	10	ND	Di-n-butylphthalate	10	ND
Benzyl alcohol	20	ND	2-Chloronaphthalene	10	ND	Fluoranthene	10	ND
1,2-Dichlorobenzene	10	ND	2-Nitroaniline	50	ND	Pyrene	10	ND
2-Methylphenol	10	ND	Dimethylphthalate	10	ND	Butylbenzylphthalate	10	ND
bis(2-Chloroisopropyl)ether	10	ND	Acenaphtylene	10	ND	3,3'Dichlorobenzidine	50	ND
4-Methylphenol	10	ND	2,6-Dinitrotoluene	10	ND	Benzo(a)anthracene	10	ND
N-Nitroso-di-n-propylamine	20	ND	3-Nitroaniline	50	ND	Chrysene	10	ND
Hexachloroethane	20	ND	Acenaphthene	10	ND	bis(2-Ethylhexyl)phthalate	10	ND
Nitrobenzene	10	ND	2,4-Dinitrophenol	50	ND	Di-n-octylphthalate	10	ND
Isophorone	10	ND	4-Nitrophenol	50	ND	Benzo(b)fluoranthene	10	ND
2-Nitrophenol	20	ND	Dibenzofuran	10	ND	Benzo(k)fluoranthene	10	ND
2,4-Dimethylphenol	10	ND	2,4-Dinitrotoluene	10	ND	Benzo(a)pyrene	10	ND
Benzoic acid	50	ND	Diethylphthalate	10	ND	Indeno(1,2,3-cd)pyrene	20	ND
bis(2-Chloroethoxy)methane	10	ND	4-Chlorophenyl-phenylether	10	ND	Dibenz(a,h)anthracene	20	ND
2,4-Dichlorophenol	10	ND	Fluorene	10	ND	Benzo(g,h,i)perylene	20	ND
1,2,4-Trichlorobenzene	10	ND	4-Nitroaniline	50	ND			
Naphthalene	10	ND	4,6-Dinitro-2-methylphenol	50	ND			
4-Chloroaniline	20	ND	N-nitrosodiphenylamine	20	ND			
Hexachlorobutadiene	10	ND	4-Bromophenyl-phenylether	10	ND			

SURROGATES	RECOVERY (%)	LIMITS
2-Fluorophenol		21-100
Phenol-d5		10-194
Nitrobenzene-d5		35-114
2-Fluorobiphenyl		43-116
2,4,6-Tribromophenol		10-123
p-Terphenyl-d14		33-141

Date Extracted: __/__/1998
Date Injected: __/__/1998
ND = None Detected
MQL = Minimum Quantifiable Level
Analyst: Jon Shell

Lower Detection Level = MQL X_____ = _____ µg/L

_____ No peaks above 40% of internal standard.
_____ Peaks above 40% of internal standard on EPA Appendx IX were identified.*
_____ Peaks above 40% of internal standard not on EPA Appendix IX.**
_____ Peaks above 40% of internal standard not on EPA Appendix IX were not identified.
_____ Additional peaks were observed, but not examined.

COMMENTS: VOID - THIS SAMPLE WAS NOT PROPERLY COLLECTED.

Results from composite bi-annual Wastewater samples:

	Average	Maximum
Total Arsenic	0.0025 mg/l	0.0030 mg/l
Total Chromium	<0.04 mg/l	<0.04 mg/l
Total Copper	0.07 mg/l	0.11 mg/l
Total Pentachlorophenol	<0.007 mg/l	<0.007 mg/l

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No.: 784
Cost Code: 3200

I. GENERAL INFORMATION:

Facility Name: Kerr McGee Chemical
County Code: Lowndes
NPDES Permit No.: 90021
Discharge No: 001
Date Requested: 5/98
Sample Point Identification: Process wastewater
Requested By: Compliance Monitoring
Data To: Milton Brumfield
Type of Sample: Grab: X Composite: Flow: Time: X Other:

II. SAMPLE IDENTIFICATION:

Environment Condition: Partly cloudy/warm
Collected By: D. Spurgeon
Where Taken: V-notch weir

	Type	Parameters	Preservative	Date	Time
1.	Grab	Cr, Cu, As	HNO_3	3/23/98	1130
2.	Grab	Oil & Grease	H_2SO_4	3/23/98	1130
3.	Grab	Phenol	H_2SO_4	3/23/98	1130
4.	Grab	Pentachlorophenol	Cool	3/23/98	1130
5.					
6.					

III. FIELD:

Analysis	Computer Code	Req	Results	Analyst	Date
pH	000400	X	7.4	DS	3/23/98
D.O.	000300				
Temperature	000010				
ResidualChlorine	050060				
Flow	074060	X	.02469	DS	3/23/98

IV. TRANSPORTATION OF SAMPLE:

Bus: **RO Vehicle:** **Other:** Sunbelt

V. LABORATORY:

Received by: V. Stamps **Date:** 3/24/98 **Time:** 0935
Recorded by: Dot Lewis **Date Sent to State Office:** 6-5-98

VI. Remarks:

TARGET COMPOUND LIST
WET CHEMISTRY PARAMETERS

Lab Bench No.: 784

Analysis	Computer Req Code		Result		Analyst	Date Measured or Date Test Initiated
BOD	000310			mg/l		
COD	000340			mg/l		
TOC	000680			mg/l		
Suspended Solids	099000			mg/l		
TKN	000625			mg/l		
Ammonia-N	000610			mg/l		
Fecal Coliform	074055			colonies/100ml		
Total Phosphorous	000665			mg/l		
Oil & Grease	000550	X	73.0	mg/l	VS	4/6/98
Chlorides	099016			mg/l		
Phenol	032730	X	5.93	mg/l	KF	3/30/98
Cyanide	000722			mg/l		
Nitrate-Nitrite	000630			mg/l		
Alkalinity	000410			mg/l		
Hardness	000900			mg/l		

Remarks: _____

ADEQUACY OF TREATMENT - CHECKLIST

FILE COPY

I. Proposed Conditions:

A. Development: Kerr-McGee Chemicals (Reissuance) MSP090021

B. Flow: (Domestic/Industrial) 0.065 MGD

C. Population:

II. Existing Conditions:

A. Treatment:

1. Facility and Type: Columbus – Activated Sludge

2. Permit Number: NO. MS0056472

3. Population and Loading to Facility: 10 MGD / 100 GPCD = 100,000 cap.

4. Permit Limits: (Interim/Final)

	Flow	BOD	SS	NH_3-N
	av. max.	av. max.	av. max.	av. max.
	10 MGD	26 mg/l	30 mg/l	6 mg/l

5. Monitoring:
(Av. ___/___ to ___/___)

6. Loading: (lbs/day)

7. O & M Problems:

a. 7500

b. 3560

c. State O & M

d. Sampling

8. Grant Status:

B. Collection System:

1. Connection Size:

2. Location:

3. Capacity:

4. Downstream Pump Stations and Capacity:

5. Complaints:

III. Comments:

Permitted Eff. Flow = 10 MGD
Avg. Eff. Flow = 7.04 MGD
$\Delta = \pm 3.0$ MGD

3.0 MGD > 0.065 MGD
OK

Hydraulics OK!

Organic contribution is insignificant.

IV. Recommendations:

Facility recently upgraded and hydraulic capacity is adequate.
Project Approved!

Name John C. Taylor Date 7/18/00

July 28, 1997

RECEIVED
KERR-McGEE CORP.
FOREST PROD. DIV.

ENVIRO-LABS, INC
603 Gillespie Street
P. O. Box 1096
Starkville, MS 39760-1096
1-601-323-7744
1-601-324-1745 & FAX
USEPA Labcode: MS00023

TO: Kerr McGee Chemical
Forest Products Division
Attn: Tony Helms
P. O. Box 906
Columbus, MS 39701

Lab ID.#	Sample Description	Date Received	Parameter	Sample Result		Result of Standard		Acceptable Range of Standard		Method Used
6292		7/16/97	pH	6.6	SU	4.2	SU	4.0 - 4.4	SU	150.1
			OIL & GREASE	9	mg/l					413.1
			PHENOLS	17.20	mg/l					420.1
6372		7/23/97	pH	6.5	SU	4.2	SU	4.0 - 4.4	SU	150.1

***THE TESTS PERFORMED ARE IN ACCORDANCE WITH EPA METHODS FOR CHEMICAL ANALYSIS OF WATER AND WASTE.

Approved: Robert A. Schubert

July 23, 1997

RECEIVED
JUL 28 1997
KERR-McGEE CORP.
FOREST PRODUCTS DIV.

ENVIRO-LABS, INC
603 Gillespie Street
P. O. Box 1096
Starkville, MS 39760-1096
1-601-323-7744
1-601-324-1745 & FAX
USEPA Labcode: MS00023

TO: Kerr McGee Chemical
Forest Products Division
Attn: Tony Helms
P. O. Box 906
Columbus, MS 39701

Lab ID.#	Sample Description	Date Received	Parameter	Sample Result		Result of Standard		Acceptable Range of Standard		Method Used
6155		7/02/97	pH	6.3	SU	4.2	SU	4.0 - 4.4	SU	150.1
			OIL & GREASE	8	mg/l					413.1
			PHENOLS	24.15	mg/l					420.1
6207		7/09/97	pH	6.6	SU	4.2	SU	4.0 - 4.4	SU	150.1

***THE TESTS PERFORMED ARE IN ACCORDANCE WITH EPA METHODS FOR CHEMICAL ANALYSIS OF WATER AND WASTE.

Approved: Robert A. Schubert

KERR-McGEE CORPORATION

CHAIN OF CUSTODY RECORD— ENVIRONMENTAL SAMPLES KM-4775

FACILITY	SAMPLING FIRM	SAMPLE
NAME: KERR-McGEE CHEMICAL CORPORATION	NAME: KERR-McGEE CHEMICAL CORPORATION	☑ Effluent ☐ Groundwater
ADDRESS: FOREST PRODUCTS DIVISION, 2300 14th AVE. & 20th ST. N., COLUMBUS, MISS. 39701	ADDRESS: FOREST PRODUCTS DIVISION, 2300 14th AVE. & 20th ST. N., COLUMBUS, MISS. 39701	☐ Solid ☐ Surface Water
	SIGNATURE	☐

NO.	LOCATION	DATE	TIME	WEATHER TEMP.	WEATHER PREC.	SAMPLE TYPE AND METHOD COMP.	GRAB	MECH	MAN.	TIMES CASING CLEARED	NO OF CONTAINERS	ANALYSIS REQUIRED	REMARKS
1	Effluent Weir	7-23-97	7:AM				✓				1	P.H.	

RELINQUISHED BY (SIGNATURE): Danny Price — DATE 7-23-97 TIME 7:AM

RECEIVED BY (SIGNATURE): [illegible] — DATE 7-23-97 TIME 8:05

RELINQUISHED BY (SIGNATURE): Sample poured out 7/28/97 1:35 pm — RECEIVED BY (SIGNATURE): Bob Schubert — DATE — TIME

DISPATCHED BY (SIGNATURE) — DATE — TIME

RECEIVED FOR LABORATORY (SIGNATURE) — DATE — TIME

CARRIER

LABORATORY

ADDRESS

ADDRESS

METHOD OF SHIPMENT

ADDITIONAL REMARKS

ALL ANALYSIS PERFORMED BY EPA APPROVED PROCEDURES

☑ Yes ☐ No, explain above

KERR-McGEE CORPORATION

CHAIN OF CUSTODY RECORD— ENVIRONMENTAL SAMPLES KM-4775

FACILITY	SAMPLING FIRM	SAMPLE
NAME: KERR-McGEE CHEMICAL CORPORATION FOREST PRODUCTS DIVISION	NAME: KERR-McGEE CHEMICAL CORPORATION FOREST PRODUCTS DIVISION	☒ Effluent ☐ Groundwater
ADDRESS: 2300 14th AVE. & 20th ST. N. COLUMBUS, MISS. 39701	ADDRESS: 2300 14th AVE. & 20th ST. N. COLUMBUS, MISS. 39701	☐ Solid ☐ Surface Water
	SIGNATURE:	☐

NO.	LOCATION	DATE	TIME	WEATHER TEMP.	WEATHER PREC.	SAMPLE TYPE AND METHOD COMP.	GRAB	MECH	MAN.	TIMES CASING CLEARED	NO. OF CONTAINERS	ANALYSIS REQUIRED	REMARKS
1	Effluent Weir	7-16-97	7:05 AM				✓					Oil + Grease	
2	✓	✓	✓				✓					phenol	
3	✓	✓	✓				✓					pH	

RELINQUISHED BY (SIGNATURE)	RECEIVED BY (SIGNATURE)	DATE	TIME	ADDITIONAL REMARKS
Charles Brown		7-16-97	7:15 AM	
RELINQUISHED BY (SIGNATURE)	RECEIVED BY (SIGNATURE)	DATE	TIME	
	[illegible]	7-16-97	8:45 AM	
RELINQUISHED BY (SIGNATURE)	RECEIVED BY (SIGNATURE)	DATE	TIME	
Samples passed out	7/28/97 1:35 pm			

DISPATCHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY (SIGNATURE)	DATE	TIME
			Bob Schubert		

CARRIER	LABORATORY
ADDRESS	ADDRESS
METHOD OF SHIPMENT	

ALL ANALYSIS PERFORMED BY EPA APPROVED PROCEDURES

☐ Yes ☐ No, explain above

KERR-McGEE CORPORATION

CHAIN OF CUSTODY RECORD— ENVIRONMENTAL SAMPLES KM-4775

FACILITY	SAMPLING FIRM	SAMPLE
NAME: KERR-McGEE CHEMICAL CORPORATION	NAME: KERR-McGEE CHEMICAL CORPORATION	☑ Effluent ☐ Groundwater
ADDRESS: FOREST PRODUCTS DIVISION, 2300 14th AVE. & 20th ST. N., COLUMBUS, MISS. 39701	ADDRESS: FOREST PRODUCTS DIVISION, 2300 14th AVE. & 20th ST. N., COLUMBUS, MISS. 39701	☐ Solid ☐ Surface Water
	SIGNATURE:	☐

NO.	LOCATION	DATE	TIME	WEATHER TEMP.	WEATHER PREC.	SAMPLE TYPE AND METHODS COMP.	GRAB	MECH	MAN.	TIMES CASING CLEARED	NO. OF CONTAINERS	ANALYSIS REQUIRED	REMARKS
1	Effluent weir	7-9-97	7:AM				✓				1	P.H.	

RELINQUISHED BY (SIGNATURE)	RECEIVED BY (SIGNATURE)	DATE	TIME	ADDITIONAL REMARKS
Danny Price		7-9-97	7:AM	
RELINQUISHED BY (SIGNATURE)	RECEIVED BY (SIGNATURE)	DATE	TIME	
	[illegible]	7-9-97	8:00Am	
RELINQUISHED BY (SIGNATURE)	RECEIVED BY (SIGNATURE)	DATE	TIME	

DISPATCHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY (SIGNATURE)	DATE	TIME
Sample pouch out			7/23/97	2:15 pm	[illegible] Schubert
CARRIER			LABORATORY		
ADDRESS			ADDRESS		
METHOD OF SHIPMENT					

ALL ANALYSIS PERFORMED BY EPA APPROVED PROCEDURES

☑ Yes ☐ No, explain above

KERR-McGEE CORPORATION

CHAIN OF CUSTODY RECORD— ENVIRONMENTAL SAMPLES KM-4775

FACILITY	SAMPLING FIRM	SAMPLE
NAME: KERR-McGEE CHEMICAL CORPORATION FOREST PRODUCTS DIVISION	NAME: KERR-McGEE CHEMICAL CORPORATION FOREST PRODUCTS DIVISION	☑ Effluent ☐ Groundwater ☐ Solid ☐ Surface Water ☐
ADDRESS: 2300 14th AVE. & 20th ST. N. COLUMBUS, MISS. 39701	ADDRESS: 2300 14th AVE. & 20th ST. N. COLUMBUS, MISS. 39701	
	SIGNATURE:	

NO.	LOCATION	DATE	TIME	WEATHER TEMP.	WEATHER PREC.	SAMPLE TYPE AND METHOD COMP.	GRAB	MECH	MAN.	TIMES CASING CLEARED	NO. OF CONTAINERS	ANALYSIS REQUIRED	REMARKS
1	Effluent Weir	7-2-97	7:AM				✓				1	Oil & Grease	
2	—	—	—				✓				1	Phenols	
3	—	—	—				✓				1	P.H.	

RELINQUISHED BY (SIGNATURE)	RECEIVED BY (SIGNATURE)	DATE	TIME	ADDITIONAL REMARKS
Barry Price		7-2-97	7:AM	
RELINQUISHED BY (SIGNATURE)	RECEIVED BY (SIGNATURE)	DATE	TIME	
		7-2-97	9:20A	
RELINQUISHED BY (SIGNATURE)	RECEIVED BY (SIGNATURE)	DATE	TIME	

DISPATCHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY (SIGNATURE)	DATE	TIME
Samples pomed out	7/03/97	2:15 pm			
CARRIER			LABORATORY		
ADDRESS			ADDRESS		
METHOD OF SHIPMENT					

ALL ANALYSIS PERFORMED BY EPA APPROVED PROCEDURES

☑ Yes ☐ No, explain above

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No.: 537
Cost Code: 3200

I. GENERAL INFORMATION:

Facility Name: Kerr McGee Chemical
County Code: Lowndes
Discharge No: 001
Sample Point Identification: Process effluent
Requested By: Comp. Monit.
Type of Sample: Grab: X Composite: Flow: Time: Other:

NPDES Permit No.: 90021
Date Requested: 3/97
Data To: Milton Brumfield

II. SAMPLE IDENTIFICATION:

Environment Condition: Overcast/mild
Where Taken: Effluent structure

Collected By: D.Spurgeon

	Type	Parameters	Preservative	Date	Time
1.	Grab	Cr,Cu,As	HNO_3	3/19/97	1050
2.	Grab	Oil & Grease	H_2SO_4	3/19/97	1050
3.	Grab	Phenols	Cool	3/19/97	1050
4.	Grab	Pentachlorophenol	Cool	3/19/97	1050
5.					

III. FIELD:

Analysis	Computer Code	Req	Results	Analyst	Date
pH	000400	X	8.6	DS	3/19/97
D.O.	000300				
Temperature	000010				
ResidualChlorine	050060				
Flow	074060	X	.00078 MGD	DS	3/19/97

IV. TRANSPORTATION OF SAMPLE:

Bus: RO Vehicle: Other: Sunbelt

V. LABORATORY:

Received by: Kathy Farris Date: 3/20/97 Time: 0920
Recorded by: Dot Lewis Date Sent to State Office: 5/23/97

VI. Remarks:

TARGET COMPOUND LIST
WET CHEMISTRY PARAMETERS

Lab Bench No.: 537

Analysis	Computer Req Code		Result	Analyst	Date Measured or Date Test Initiated
BOD	000310		mg/l		
COD	000340		mg/l		
TOC	000680		mg/l		
Suspended Solids	099000		mg/l		
TKN	000625		mg/l		
Ammonia-N	000610		mg/l		
Fecal Coliform	074055		colonies/100ml		
Total Phosphorous	000665		mg/l		
Oil & Grease	000550	X	53.0 mg/l	KF	3/25/97
Chlorides	099016		mg/l		
Hex. Chromium	001032		mg/l		
Phenol	032730		mg/l		
Cyanide	000722		mg/l		
Alkalinity	000410		mg/l		
Hardness	000900		mg/l		

Remarks: _____

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INORGANICS REPORT
WATER

SAMPLE No.: 94-537

ANALYSES: WATER **DATE COLLECTED:** 3/19/97

PARAMETER	CONC. ug/l	MQL ug/l	QC %Rec.	Analyst	Date
Arsenic	31.0	5.0	110	GB	4/1/97
Cadmium	ND	1.0	80	GB	4/24/97
Chromium	ND	1.0	107	GB	4/23/97
Copper	ND	5.0	83	GB	4/16/97

MQL = minimum quantifiable levels
QC %Rec = percent recovery of quality control standard

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name **KERR MCGEE CHEMICAL**
County Code **LOWNDES** NPDES Permit No. **90021**
Discharge No. **001** Date Requested **3/97**
Sample Point Identification **PROCESS EFFLUENT**
Requested By **COMP.MONIT.** Data To **MILTON BRUMFIELD**
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition OVERCAST & MILD Collected By D. SPURGEON
Where Taken EFFLUENT STRUCTURE

	Type	Parameters	Preservative	Date	Time
1.	GRAB	Cr,Cu,As	HNO_3	3-19-97	1050
2.	GRAB	2 OIL & GREASE	H_2SO_4	3-19-97	1050
3.	GRAB	Phenols	COOL	3-19-97	1050
4.	GRAB	Pentachlorophenol	COOL		
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	(X)	8.6	DS	3-19-97
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	(X)	.00078 MGD	DS	3-19-97

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other (X) SUNBELT

V. LABORATORY: Received By Kathy Farris Date 3-20-97 Time 0920
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	(X)	53.0 mg/l	KF	3-25-97
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks _____

*Date of Test Initiation
5200 WATER

537

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TARGET COMPOUND LIST
SEMIVOLATILE ORGANIC COMPOUNDS
IN WATER

OPCL NO.: 97-537 MARKED: Kerr McGee Chemical
ANALYSIS OF: Water DATE RECEIVED: 3/20/97

COMPOUNDS	MQL	µg/L	COMPOUNDS	MQL	µg/L	COMPOUNDS	MQL	µg/L
Phenol	10	8360	4-Chloro-3-methylphenol	20	ND	Hexachlorobenzene	10	ND
bis(2-Chloroethyl)ether	10	ND	2-Methylnaphthalene(approx)	10	13300	Pentachloropohenol	50	ND
2-Chlorophenol	10	ND	Hexachlorocyclopentadiene	10	ND	Phenanthrene	10	9640
1,3-Dichlorobenzene	10	ND	2,4,6-Trichlorophenol	10	ND	Anthracene	10	1420
1,4-Dichlorobenzene	10	ND	2,4,5-Trichlorophenol	10	ND	Di-n-butylphthalate	10	ND
Benzyl alcohol	20	ND	2-Chloronaphthalene	10	ND	Fluoranthene	10	4580
1,2-Dichlorobenzene	10	ND	2-Nitroaniline	50	ND	Pyrene	10	3020
2-Methylphenol	10	2380	Dimethylphthalate	10	ND	Butylbenzylphthalate	10	ND
bis(2-Chloroisopropyl)ether	10	ND	Acenaphtylene	10	ND	3,3'Dichlorobenzidine	50	ND
4-Methylphenol	10	4550	2,6-Dinitrotoluene	10	ND	Benzo(a)anthracene	10	886
N-Nitroso-di-n-propylamine	20	ND	3-Nitroaniline	50	ND	Chrysene	10	754
Hexachloroethane	20	ND	Acenaphthene	10	5470	bis(2-Ethylhexyl)phthalate	10	ND
Nitrobenzene	10	ND	2,4-Dinitrophenol	50	ND	Di-n-octylphthalate	10	ND
Isophorone	10	ND	4-Nitrophenol	50	ND	Benzo(b)fluoranthene	10	ND
2-Nitrophenol	20	ND	Dibenzofuran	10	6840	Benzo(k)fluoranthene	10	ND
2,4-Dimethylphenol	10	1100	2,4-Dinitrotoluene	10	ND	Benzo(a)pyrene	10	ND
Benzoic acid	50	ND	Diethylphthalate	10	ND	Indeno(1,2,3-cd)pyrene	20	ND
bis(2-Chloroethoxy)methane	10	ND	4-Chlorophenyl-phenylether	10	ND	Dibenz(a,h)anthracene	20	ND
2,4-Dichlorophenol	10	ND	Fluorene	10	3740	Benzo(g,h,i)perylene	20	ND
1,2,4-Trichlorobenzene	10	ND	4-Nitroaniline	50	ND			
Naphthalene(approx)	10	18600	4,6-Dinitro-2-methylphenol	50	ND			
4-Chloroaniline	20	ND	N-nitrosodiphenylamine	20	ND			
Hexachlorobutadiene	10	ND	4-Bromophenyl-phenylether	10	ND			

SURROGATES	RECOVERY (%)	LIMITS
2-Fluorophenol	95.5	21 - 100
Phenol-d5	113.5	10 -194
Nitrobenzene-d5	94.0	35 - 114
2-Fluorobiphenyl	89.0	43 - 116
2,4,6-Tribromophenol	92.0	10 - 123
p-Terphenyl-d14	94.0	33 - 141

Date Extracted: 3/25/ 1997
Date Injected: 4/3/ 1997; 4/7/97
ND = None Detected
MQL = Minimum Quantifiable Level
Analyst: Jon Shell 4/8/97

Lower Detection Level = MQL X 50 = 500, etc µg/L

___ No peaks above 40% of internal standard.
___ Peaks above 40% of internal standard on EPA Appendx IX were identified.*
___ Peaks above 40% of internal standard not on EPA Appendix IX.**
4 Peaks above 40% of internal standard not on EPA Appendix IX were not identified.
___ Additional peaks were observed, but not examined.

COMMENTS: NOTE: The values for the compounds naphthalene and 2-methylnaphthalene exceed the highest points on the 5 point calibration curve. These values are therefore as "APPROXIMATE" values.

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KERR MCGEE
County Code LOWNDES NPDES Permit No. 90021
Discharge No. 001 Date Requested MARCH/96
Sample Point Identification PRETREATED WW
Requested By COMP. MONIT. Data To M. BRUMFIELD
Type of Sample: Grab (X) Composite (Flow) (Time X) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition Cloudy, Rain Collected By CLIFT JETER
Where Taken Effluent Weir

	Type	Parameters	Preservative	Date	Time
1.	COMP.	Cr.Cu.AS	5ml HNO3	3-19-96	1030
2.	GRAB	OIL & GREASE	5ml H2SO4	3-19-96	1030
3.	GRAB	Phenol	Cool 4°	3-19-96	1030
4.	GRAB	Pentachlorophenol	Cool 4°	3-19-96	1030
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	(X)	6.85	CJ	3-19-96
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	(X)	.038	CJ	3-19-96

IV. TRANSPORTATION OF SAMPLE: Bus ( ) BO Vehicle ( ) Other (X) SUNBELT

V. LABORATORY: Received By [illegible] Date 3-20-96 Time 0900
Recorded By [illegible] Date Sent to State Office 5-17-96

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/1		*
COD	(000340)	( )	mg/1		
TOC	(000680)	( )	mg/1		
Suspended Solids	(099000)	( )	mg/1		
TKN	(000625)	( )	mg/1		
Ammonia-N	(000610)	( )	mg/1		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/1		
Oil and Grease(1)	(000550)	(X)	106.0 mg/1	KF	3-26-96
Oil and Grease(2)	(000550)	( )	mg/1		
Chlorides	(099016)	( )	mg/1		
Phenol	(032730)	(X)	1.23 mg/1	KF	3-22-96
Total Chromium	(001034)	( )	mg/1		
Hex. Chromium	(001032)	( )	mg/1		
Zinc	(001092)	( )	mg/1		
Copper	(001042)	( )	mg/1		
Lead	(017501)	( )	mg/1		
Cyanide	(000722)	( )	mg/1		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks

*Date of Test Initiation

5200 WATER

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 257

I. GENERAL INFORMATION: Facility Name Kerr McGee
County Code Lowndes NPDES Permit No. 90021
Discharge No. 001 Date Requested 3/96
Sample Point Identification Pretreated ww
Requested By Comp. Monit. Data To M.Brumfield
Type of Sample: Grab (X) Composite (Flow) (Time X) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition Cloudy/rain Collected By C.Jeter
Where Taken Effluent weir

	Type	Parameters	Preservative	Date	Time
1.	Comp.	Cr,Cu,As	5 ml HNO_3	3/19/96	1030
2.	Grab	Oil & Grease	5 ml H_2SO_4	3/19/96	1030
3.	Grab	Phenol	Cool 4°	3/19/96	1030
4.	Grab	Pentachlorophenol	Cool 4°	3/19/96	1030
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	(X)	6.85	CJ	3/19/96
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	(X)	.038	CJ	3/19/96

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By David Singleton Date 3/20/96 Time 0900
Recorded By Dot Lewis Date Sent to State Office 5-17-96

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	(X)	106.0 mg/l	KF	3/26/96
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	(X)	1.23 mg/l	KF	3/22/96
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks SEE ATTACHED SHEETS

*Date of Test Initiation

April 12, 1996

ENVIRO-LABS, INC
603 Gillespie Street
P. O. Box 1096
Starkville, MS 39760-1096
1-601-323-7744
1-601-324-1745 & FAX

TO: Kerr McGee Chemical
Forest Products Division
Attn: Tony Helms
P. O. Box 906
Columbus, MS 39701

Lab ID.#	Sample Description	Date Received	Parameter	Sample Result		Result of Standard		Acceptable Range of Standard		Method Used
1010	Weir	3/19/96	pH	6.6	SU	4.1	SU	4.0 - 4.4	SU	
			PHENOLS	2.58	mg/l					
			OIL & GREASE	46	mg/l					
			ARSENIC	<0.002	mg/l					
			CHROMIUM	<0.04	mg/l					
			COPPER	0.03	mg/l					
			PENTACHLOROPHENOLS	0.374	mg/l					

***THE TESTS PERFORMED ARE IN ACCORDANCE WITH EPA METHODS FOR CHEMICAL ANALYSIS OF WATER AND WASTE.

Approved: Robert A. Schubert

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TARGET COMPOUND LIST
SEMIVOLATILE ORGANIC COMPOUNDS
IN WATER

OPCL NO.: 96-00257 MARKED: KERR MCGEE
ANALYSIS OF: WATER DATE RECEIVED: 3/20/96

COMPOUNDS	MQL	µg/L
Pentachloropohenol	50	ND

SURROGATES	RECOVERY (%)
2-Fluorophenol	54
Phenol-d5	98
Nitrobenzene-d5	
2-Fluorobiphenyl	
2,4,6-Tribromophenol	103
p-Terphenyl-d14	

Date Extracted: 03 / 25 / 1996
Date Injected: 04/ 09 / 1996
ND = None Detected
MQL = Minimum Quantifiable Level
Analyst: Jon Shell 4/10/96

Lower Detection Level = MQL X 5 = 250 µg/L

___ No peaks above 40% of internal standard.
___ Peaks above 40% of internal standard on EPA Appendx IX were identified.*
___ Peaks above 40% of internal standard not on EPA Appendix IX.**
___ Peaks above 40% of internal standard not on EPA Appendix IX were not identified.
___ Additional peaks were observed, but not examined.

COMMENTS: (1) THIS ANALYSIS IS FOR PENTACHLOROPHENOL ONLY.
(2) THIS SAMPLE IS EXTREMELY CONTAMINATED WITH PAH'S.

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INORGANICS REPORT
WATER

SAMPLE No.: 96-00257

ANALYSES: water

DATE COLLECTED: 3/9/96

PARAMETER	CONC. ug/l	MQL ug/l	QC %Rec.	Analyst	Date
Arsenic	7.1	5.0	108	GB	3/28/96
Chromium	ND	1.0	103	GB	5/6/96
Copper	ND	5.0	88	GB	5/13/96

MQL = minimum quantifiable levels
QC %Rec = percent recovery of quality control standard

KERR-McGEE CORPORATION

CHAIN OF CUSTODY RECORD— ENVIRONMENTAL SAMPLES KM-4775

FACILITY	SAMPLING FIRM	SAMPLE
NAME: KERR-McGEE CHEMICAL CORPORATION FOREST PRODUCTS DIVISION	NAME: KERR-McGEE CHEMICAL CORPORATION	☒ Effluent ☐ Groundwater
ADDRESS: 2300 14th AVE. & 20th ST. N. COLUMBUS, MISS. 39701	ADDRESS: [illegible]	☐ Solid ☐ Surface Water
	SIGNATURE: [illegible]	☐

NO.	LOCATION	DATE	TIME	WEATHER TEMP.	WEATHER PREC.	SAMPLE TYPE AND METHOD COMP.	GRAB	MECH	MAN.	TIMES CASING CLEARED	NO. OF CONTAINERS	ANALYSIS REQUIRED	REMARKS
1	Effluent Weir	3-19-96	10:15A				X				1	Phenols Pentachlorophenols	Split Samples
2	Effluent Weir	3-19-96	10:15A				X				1	Oil + Grease	with
3	Effluent Weir	3-19-96	10:15A				X				1	Total Arsenic	MS DEQ
4	Effluent Weir	3-19-96	10:15A				X				1	pH Total Chromium Total Copper	Flow 38964 gal

RELINQUISHED BY (SIGNATURE)	RECEIVED BY (SIGNATURE)	DATE	TIME	ADDITIONAL REMARKS
Charles L. Swan		3-19-96	2:00PM	
Jeff Echols			2:00pm	

DISPATCHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY (SIGNATURE)	DATE	TIME
Samples poured out			4/12/96	1:10pm	Bob Schulent

CARRIER	LABORATORY
ADDRESS	ADDRESS
METHOD OF SHIPMENT	

ALL ANALYSIS PERFORMED BY EPA APPROVED PROCEDURES

☐ Yes ☐ No, explain above

On March 19, 1996 a water sample was split with the MSDEQ water division. The results from these sample are as follows:

pH	6.6 SU
Phenols	2.58 mg/l
Oil & Grease	46 mg/l
Arsenic	<0.002 mg/l
Chromium	<0.04 mg/l
Copper	0.03 mg/l
Pentachlorophenols	0.374 mg/l

All of these results fall below our permit limits. If you have any questions or need any further information, please advise.

Kerr-McGee Chemical Corporation
Forest Prodcuts Divison
Columbus, Mississippi

Date	Flow	Pentachlorophenol		Arsenic		Chromium		Copper	
		Pounds	Mg/L	Pounds	Mg/L	Pounds	Mg/L	Pounds	Mg/L
2-22-95	18,733	0.204	1.3	0.010	0.06	0.007	<0.04	0.005	<0.03
3-31-95	21,792	0.031	0.17	0.009	<0.05	0.008	<0.04	0.002	0.01
12-15-95	31,770	0.018	0.066	0.001	<0.002	0.011	<0.04	0.008	<0.03
Avg	24,098	0.085	0.512	0.007	0.038	0.009	0.04	0.005	0.024
Max	31,770	0.204	1.3	0.01	0.06	0.011	0.04	0.008	0.03
Min	18,733	0.018	0.066	0.001	0.002	0.007	0.04	0.002	0.01

October 30, 1995

ENVIRO-LABS, INC
603 Gillespie Street
P. O. Box 1096
Starkville, MS 39760-1096
1-601-323-7744
1-601-324-1745 & FAX

TO: Kerr McGee Chemical
Forest Products Division
Attn: Tony Helms
P. O. Box 906
Columbus, MS 39701

Lab ID.#	Sample Description	Date Received	Parameter	Sample Result		Result of Standard		Acceptable Range of Standard	Method Used
9197		10/04/95	pH	6.4	SU	4.2	SU	4.0-4.4 SU	150.1
9430	10-11-95	10/25/95	pH	6.4	SU	4.2	SU	4.0-4.4 SU	150.1
9431	10-18-95	10/25/95	pH	6.4	SU	4.2	SU	4.0 - 4.4 SU	150.1
9432	10-25-95	10/25/95	pH	6.2	SU	4.2	SU	4.0 - 4.4 SU	150.1
			OIL & GREASE	8	mg/l				413.1
			PHENOLS	9.77	mg/l				420.2

RECEIVED
NOV 02 1995
KERR-McGEE CORP.
FOREST PRODUCTS DIV.

***THE TESTS PERFORMED ARE IN ACCORDANCE WITH EPA METHODS FOR CHEMICAL ANALYSIS OF WATER AND WASTE.

Approved: Robert A. Schubert

KERR-McGEE CORPORATION

CHAIN OF CUSTODY RECORD— ENVIRONMENTAL SAMPLES KM-4775

FACILITY	SAMPLING FIRM	SAMPLE
NAME: KERR-McGEE CHEMICAL CORPORATION FOREST PRODUCTS DIVISION	NAME: KERR-McGEE CHEMICAL CORPORATION FOREST PRODUCTS DIVISION	☑ Effluent ☐ Groundwater
ADDRESS: 2303 14th AVE. & 20th ST. N. COLUMBUS, MISS. 39701	ADDRESS: 2303 14th AVE. & 20th ST. N. COLUMBUS, MISS. 39701	☐ Solid ☐ Surface Water
	SIGNATURE:	☐

NO.	LOCATION	DATE	TIME	WEATHER TEMP.	WEATHER PREC.	SAMPLE TYPE AND METHOD COMP.	GRAB	MECH	MAN.	TIMES CASING CLEARED	NO. OF CONTAINERS	ANALYSIS REQUIRED	REMARKS
1	Effluent Weir	10-11-95	10 AM				✓				1	pH	

RELINQUISHED BY (SIGNATURE)	RECEIVED BY (SIGNATURE)	DATE	TIME
Charles Swan		10-11-95	10 AM
RELINQUISHED BY (SIGNATURE)	RECEIVED BY (SIGNATURE)	DATE	TIME
	[illegible]	10-25-95	8:10 AM
RELINQUISHED BY (SIGNATURE)	RECEIVED BY (SIGNATURE)	DATE	TIME

ADDITIONAL REMARKS

DISPATCHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY (SIGNATURE)	DATE	TIME
Sample poured out			10/30/95	4:10 pm	[illegible] Schubert

CARRIER	LABORATORY
ADDRESS	ADDRESS
METHOD OF SHIPMENT	

ALL ANALYSIS PERFORMED BY EPA APPROVED PROCEDURES

☑ Yes ☐ No, explain above

KERR-McGEE CORPORATION

CHAIN OF CUSTODY RECORD— ENVIRONMENTAL SAMPLES KM-4775

FACILITY	SAMPLING FIRM	SAMPLE
NAME: KERR-McGEE CHEMICAL CORPORATION FOREST PRODUCTS DIVISION	NAME: KERR-McGEE CHEMICAL CORPORATION FOREST PRODUCTS DIVISION	☑ Effluent ☐ Groundwater
ADDRESS: 2300 14th AVE. & 20th ST. N. COLUMBUS, MISS. 39701	ADDRESS: 2300 14th AVE. & 20th ST. N. COLUMBUS, MISS. 39701	☐ Solid ☐ Surface Water
	SIGNATURE:	☐

NO.	LOCATION	DATE	TIME	WEATHER TEMP.	WEATHER PREC.	SAMPLE TYPE AND METHOD COMP.	GRAB	MECH	MAN.	TIMES CASING CLEARED	NO. OF CONTAINERS	ANALYSIS REQUIRED	REMARKS
1	Effluent weir	10-25-95	7:A				✓				1	P.H.	

RELINQUISHED BY (SIGNATURE): [signature] — RECEIVED BY (SIGNATURE): — DATE: 10-25-95 — TIME: 7:A

RELINQUISHED BY (SIGNATURE): — RECEIVED BY (SIGNATURE): — DATE: 10-25-95 — TIME: 8:10 Am

RELINQUISHED BY (SIGNATURE): — RECEIVED BY (SIGNATURE): — DATE: — TIME:

DISPATCHED BY (SIGNATURE): Sample posted out — DATE: — TIME: — RECEIVED FOR LABORATORY (SIGNATURE): 10/30/95 4:10 pm [signature] — DATE: — TIME:

CARRIER: — LABORATORY:

ADDRESS: — ADDRESS:

METHOD OF SHIPMENT:

ADDITIONAL REMARKS:

ALL ANALYSIS PERFORMED BY EPA APPROVED PROCEDURES

☑ Yes ☐ No, explain above

KERR-McGEE CORPORATION

CHAIN OF CUSTODY RECORD— ENVIRONMENTAL SAMPLES KM-4775

FACILITY	SAMPLING FIRM	SAMPLE
NAME: KERR-McGEE CHEMICAL CORPORATION	NAME: KERR-McGEE CHEMICAL CORPORATION	☑ Effluent ☐ Groundwater
ADDRESS: FOREST PRODUCTS DIVISION, 2300 14th AVE. & 20th ST. N., COLUMBUS, MISS. 39701	ADDRESS: FOREST PRODUCTS DIVISION, 2300 14th AVE. & 20th ST. N., COLUMBUS, MISS. 39701	☐ Solid ☐ Surface Water
	SIGNATURE:	☐

NO.	LOCATION	DATE	TIME	WEATHER TEMP.	WEATHER PREC.	SAMPLE TYPE AND METHOD COMP.	GRAB	MECH	MAN.	TIMES CASING CLEARED	NO. OF CONTAINERS	ANALYSIS REQUIRED	REMARKS
1	Effluent Weir	10-8-95	9AM				✓				1	pH	
2	✓	10-18-95	✓				✓				1	O+G	
3	✓	✓	✓				✓				1	phenol	

RELINQUISHED BY (SIGNATURE)	RECEIVED BY (SIGNATURE)	DATE	TIME
[signature]		10-18-95	7AM
RELINQUISHED BY (SIGNATURE)	RECEIVED BY (SIGNATURE) [signature]	DATE 10.25.95	TIME 8:10 Am
RELINQUISHED BY (SIGNATURE)	RECEIVED BY (SIGNATURE)	DATE	TIME

DISPATCHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY (SIGNATURE)	DATE	TIME
Samples poured out			10/30/95	4:10 pm	Bob Schubert

CARRIER	LABORATORY
ADDRESS	ADDRESS
METHOD OF SHIPMENT	

ADDITIONAL REMARKS

ALL ANALYSIS PERFORMED BY EPA APPROVED PROCEDURES

☑ Yes ☐ No, explain above

KERR-McGEE CORPORATION

CHAIN OF CUSTODY RECORD— ENVIRONMENTAL SAMPLES KM-4775

FACILITY	SAMPLING FIRM	SAMPLE
NAME: KERR-McGEE CHEMICAL CORPORATION	NAME: KERR-McGEE CHEMICAL CORPORATION	☐ Effluent ☐ Groundwater
ADDRESS: FOREST PRODUCTS DIVISION 2300 14th AVE. & 20th ST. N. COLUMBUS, MISS. 39701	ADDRESS: FOREST PRODUCTS DIVISION 2300 14th AVE. & 20th ST. N. COLUMBUS, MISS. 39701	☐ Solid ☐ Surface Water
	SIGNATURE:	☐

NO.	LOCATION	DATE	TIME	WEATHER TEMP.	WEATHER PREC.	SAMPLE TYPE AND METHOD COMP.	GRAB	MECH	MAN.	TIMES CASING CLEARED	NO. OF CONTAINERS	ANALYSIS REQUIRED	REMARKS
1	Effluent Weir	10-4-95	9AM				X				1	PH	

RELINQUISHED BY (SIGNATURE)	RECEIVED BY (SIGNATURE)	DATE	TIME
[signature]		10-4-95	9AM
RELINQUISHED BY (SIGNATURE)	RECEIVED BY (SIGNATURE) [signature]	DATE 10-4-95	TIME 9:00Am
RELINQUISHED BY (SIGNATURE)	RECEIVED BY (SIGNATURE)	DATE	TIME

ADDITIONAL REMARKS

DISPATCHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY (SIGNATURE)	DATE	TIME
Sample pouned out			10/6/95 3:20pm [signature]		

CARRIER	LABORATORY
ADDRESS	ADDRESS
METHOD OF SHIPMENT	

ALL ANALYSIS PERFORMED BY EPA APPROVED PROCEDURES

☐ Yes ☐ No, explain above

++++

INORGANICS REPORT
WATER

SAMPLE No.: 95-00214

ANALYSES: _____ **DATE COLLECTED:** _____

PARAMETER	CONC. ug/l	MQL ug/l	QC %Rec.	Analyst	Date
Aluminum		5.0			
Antimony		5.0			
Arsenic	ND	5.0	81	GB	4/5/95
Barium		5.0			
Beryllium		1.0			
Cadmium		1.0			
Chromium	2.1	1.0	87	GB	3/21/95
Cobalt		10			
Copper	ND	5.0	92	GB	3/22/95
Iron		50			
Lead		5.0			
Magnesium		10			
Manganese		10			
Mercury		0.5			
Nickel		5.0			
Potassium		30			
Selenium		5.0			
Silver	ND	1.0	77	GB	3/6/95
Sodium		10			
Thallium		10			
Vanadium		10			
Zinc		10			
Cyanide		0.1 mg/l			
Calcium		0.5 mg/l			

MQL = minimum quantifiable levels
QC %Rec = percent recovery of quality control standard

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KERR MCGEE
County Code LOWNDES 087 NPDES Permit No. 90021
Discharge No. 001 Date Requested FEB?95
Sample Point Identification PRETREATED WW BOILER BLOWDOWN AND REMEDIATED GROUNDWATER
Requested By COMP.MONIT. Data To BRUMFIELD
Type of Sample: Grab (X) Composite (Flow) (Time X) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition Sunny, Mild Collected By CLIFT JETER
Where Taken Effluent Weir Dewitt Spurgeon

	Type	Parameters	Preservative	Date	Time
1.	COMPOSITE	Cr,Cu,As	5ml HNO_3	2-21-95	1430
2.	GRAB	OIL & GREASE	5ml H_2SO_4	2-21-95	1430
3.	GRAB	Phenol	5ml H_2SO_4	2-21-95	1430
4.	GRAB	PENTACHLOROPHENEL	Cool 4°	2-21-95	1430
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	(X)	7.90	CJ	2-21-95
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	(X)	.027	CJ	2-21-95

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other (X) SUNBELT

V. LABORATORY: Received By Kathy Farris Date 2-23-95 Time 900
Recorded By NOT Ellis Date Sent to State Office 4-28-95

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	(X)	16.0 mg/l	KF	2-27-95
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	(X)	2.26 mg/l	KF	3-10-95
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks _____

*Date of Test Initiation

5200 WATER

214

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 214

I. GENERAL INFORMATION: Facility Name Kerr McGee
County Code Lowndes 087 NPDES Permit No. 90021
Discharge No. 001 Date Requested 2/95
Sample Point Identification Pretreated ww boiler blowdown and remediated ground
Requested By Comp. Monit. Data To Brumfield
Type of Sample: Grab (X) Composite (Flow) (Time X) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition Sunny/mild Collected By C.Jeter/D.Spurgeon
Where Taken Effluent weir

	Type	Parameters	Preservative	Date	Time
1.	Composite	Cr,Cu,As	5 ml HNO_3	2/21/95	1430
2.	Grab	Oil & Grease	5 ml H_2SO_4	2/21/95	1430
3.	Grab	Phenol	5 ml H_2SO_4	2/21/95	1430
4.	Grab	Pentachlorophenol	Cool 4°	2/21/95	1430
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	(X)	7.90	CJ	2/21/95
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	(X)	.027	CJ	2/21/95

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Kathy Farris Date 2/23/95 Time 900
Recorded By Dot Lewis Date Sent to State Office 4-28-95

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	(X)	16.0 mg/l	KF	2/27/95
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	(X)	2.26 mg/l	KF	3/10/95
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks

*Date of Test Initiation

On February 21, 1995 samples were split with the Mississippi Department of Environmental Quality and following are the analytical results on the samples taken. All samples were grab samples.

Pentachlorophenol	: 1.3 mg/l
Arsenic	: < 0.06 mg/l
Chromium	: < 0.04 mg/l
Copper	: < 0.03 mg/l
Oil and Grease	: 7 mg/l
Phenol	: 1.81 mg/l
pH	: 6.5 SU

All of these results fall within our permit limits.

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TARGET COMPOUND LIST
SEMIVOLATILE ORGANIC COMPOUNDS
IN WATER

OPCL NO.: 95-00214 MARKED: KERR McGEE
ANALYSIS OF: WATR DATE RECEIVED: 2/23/95

COMPOUNDS	MQL	µg/L	COMPOUNDS	MQL	µg/L	COMPOUNDS	MQL	µg/L
Phenol	10	ND	4-Chloro-3-methylphenol	20	ND	Hexachlorobenzene	10	ND
bis(2-Chloroethyl)ether	10	ND	2-Methylnaphthalene	10	ND	Pentachloropohenol	50	TRACE 39.6
2-Chlorophenol	10	ND	Hexachlorocyclopentadiene	10	ND	Phenanthrene	10	ND
1,3-Dichlorobenzene	10	ND	2,4,6-Trichlorophenol	10	ND	Anthracene	10	ND
1,4-Dichlorobenzene	10	ND	2,4,5-Trichlorophenol	10	ND	Di-n-butylphthalate	10	ND
Benzyl alcohol	20	ND	2-Chloronaphthalene	10	ND	Fluoranthene	10	ND
1,2-Dichlorobenzene	10	ND	2-Nitroaniline	50	ND	Pyrene	10	ND
2-Methylphenol	10	ND	Dimethylphthalate	10	ND	Butylbenzylphthalate	10	ND
bis(2-Chloroisopropyl)ether	10	ND	Acenaphtylene	10	ND	3,3'Dichlorobenzidine	10	ND
4-Methylphenol	10	ND	2,6-Dinitrotoluene	10	ND	Benzo(a)anthracene	10	ND
N-Nitroso-di-n-propylamine	10	ND	3-Nitroaniline	50	ND	Chrysene	10	ND
Hexachloroethane	10	ND	Acenaphthene	10	ND	bis(2-Ethylhexyl)phthalate	10	ND
Nitrobenzene	10	ND	2,4-Dinitrophenol	50	ND	Di-n-octylphthalate	10	ND
Isophorone	10	ND	4-Nitrophenol	50	ND	Benzo(b)fluoranthene	10	ND
2-Nitrophenol	10	ND	Dibenzofuran	10	ND	Benzo(k)fluoranthene	10	ND
2,4-Dimethylphenol	10	ND	2,4-Dinitrotoluene	10	ND	Benzo(a)pyrene	10	ND
Benzoic acid	10	ND	Diethylphthalate	10	ND	Indeno(1,2,3-cd)pyrene	10	ND
bis(2-Chloroethoxy)methane	10	ND	4-Chlorophenyl-phenylether	10	ND	Dibenz(a,h)anthracene	10	ND
2,4-Dichlorophenol	10	ND	Fluorene	10	ND	Benzo(g,h,i)perylene	10	ND
1,2,4-Trichlorobenzene	10	ND	4-Nitroaniline	50	ND	Dinoseb	10	ND
Naphthalene	10	ND	4,6-Dinitro-2-methylphenol	50	ND	Atrazine (estimate)	10	ND
4-Chloroaniline	20	ND	N-nitrosodiphenylamine	10	ND			
Hexachlorobutadiene	10	ND	4-Bromophenyl-phenylether	10	ND			

SURROGATES	RECOVERY (%)
2-Fluorophenol	128
Phenol-d5	126
Nitrobenzene-d5	
2-Fluorobiphenyl	
2,4,6-Tribromophenol	103
p-Terphenyl-d14	

Date Extracted: 02/27/ 1995
Date Injected: 02/28/ 1995
ND = None Detected
MQL = Minimum Quantifiable Level
Analyst: Jon Shell 03/02/95

Lower Detection Level = MQL X 1 = _____ µg/L

___ No peaks above 40% of internal standard.
___ Peaks above 40% of internal standard on EPA Appendx IX were identified.*
___ Peaks above 40% of internal standard not on EPA Appendix IX.**
___ Peaks above 40% of internal standard not on EPA Appendix IX were not identified.
___ Additional peaks were observed, but not examined.

COMMENTS: THIS ANALYSIS IS FOR PCP (PENTACHLOROPHENOL ONLY. THIS SAMPLE IS HIGHLY CONTAMINATED WITH PAH'S

1998

United States Environmental Protection Agency, Washington, D.C. 20460

EPA NPDES Compliance Inspection Report

Form Approved
OMB No.2040-0003
Approval Expires
7-31-85

Section A: National Data System Coding

Transaction Code	NPDES	YR/MO/DAY	Inspection Type	Inspector	Facility Type	Sched'd
N	MSP090021	98/03/23	2M	S	2	February

Reserved	Facility Evaluation Rating	BI	QA	Reserved
	N	N	N	

Section B: Facility Data

Name and Location of Facility Inspected	Entry Time:	Permit Effective Date:
Kerr-McGee Chemical Corporation Columbus, Mississippi	11:30	Oct. 11, 1994
	Exit Time/Date: NA	Permit Expiration Date: Oct. 10, 1999

Name(s) of On-Site Representative(s)	Title(s)	Phone No(s)
Mr. Charles Swan	Supervisor of Treating Operations	601-328-7551

Name,Address of Responsible Official	Title	Contacted
Mr. Ron Murphey Kerr-McGee Chemical Corporation P.O. Box 906 Columbus, Mississippi 39703	Plant Manager	YES__ NO__
	Phone No. 601-328-7551	

Section C: Areas Evaluated During Inspection (S-Satisfactory, M-Marginal, U-Unsatisfactory, N-Not Evaluated)

N Permit	N Flow Measurement	N Pretreatment
N Operations & Maintenance	N Records/Reports	N Laboratory
N Compliance Schedules	N Sludge Disposal	N Facility Site Review
S Effluent/Receiving Waters	N Self-Monitoring Program	N Other

Section D: Summary of Findings/Comments

Names and Signatures of Inspectors	Agency/Office/Telephone	Date
Dewitt A. Spurgeon	Office of Pollution Control	March 23, 1998
Signature of Reviewer	Agency/Office	Date
	Office of Pollution Control	July 8,1998

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Action Taken	Date	
Report Transmitted TO Permittee.	July 8, 1998	☐☒ Noncompliance ☐☒ Compliance

EPA Form 3560-3 (Rev. 3-85) Previous editions are obsolete

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United States Environmental Protection Agency, Washington, D.C. 20460

EPA

NPDES Compliance Inspection Report

Form Approved
OMB No.2040-0003
Approval Expires
7-31-85

Section A: National Data System Coding

Transaction Code	NPDES	YR/MO/DAY	Inspection Type	Inspector	Facility Type	Sched'd
N	MSP090021	98/07/14	3	S	2	May98

Reserved	Facility Evaluation Rating	BI	QA	Reserved
	3	N	N	

Section B: Facility Data

Name and Location of Facility Inspected	Entry Time:	Permit Effective Date:
Kerr-McGee Chemical Corporation	9:30 p.m.	Oct. 11,1994
	Exit Time/Date: 11:30 p.m.	Permit Expiration Date: Oct. 10, 1999

Name(s) of On-Site Representative(s)	Title(s)	Phone No(s)
Mr. Chuck Swann		

Name,Address of Responsible Official	Title	
Mr. Ron Murphey Kerr-McGee Chemical Corporation P.O. Box 906 Columbus, MS 39703	Plant Manager	
	Phone No. 601-328-7551	Contacted YES NO

Section C: Areas Evaluated During Inspection (S-Satisfactory, M-Marginal, U-Unsatisfactory, N-Not Evaluated)

S Permit	N Flow Measurement	N Pretreatment
S Operations & Maintenance	S Records/Reports	N Laboratory
N Compliance Schedules	N Sludge Disposal	S Facility Site Review
N Effluent/Receiving Waters	N Self-Monitoring Program	N Other

Section D: Summary of Findings/Comments

1. No noncompliance discharges were noted during the facility site review.
2. In possession of pretreatment permit.
3. Records (Chain of Custody, sample preservation, & DMR's) were adequately maintained.
4. Operations appeared sufficient.
5. Flow Measurements were adequate.
6. No problems were noted.

Names and Signatures of Inspectors	Agency/Office/Telephone	Date
Kirk Shelton	Office of Pollution Control	July 14, 1998
Signature of Reviewer	Agency/Office	Date
	Office of Pollution Control	Jan.14,1999

Regulatory Office Use Only

Action Taken	Date	
Report transmitted to permittee.	7-14-98	☐ Noncompliance ☐ Compliance

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1997

United States Environmental Protection Agency, Washington, D.C., 20460

EPA NPDES Compliance Inspection Report

Form Approved
OMB No.2040-0003
Approval Expires 7-31-85

Section A: National Data System Coding

Transaction Code	NPDES	YR/MO/DAY	Inspection Type	Inspector	Facility Type	Sched'd
N	MSP090021	97/06/24	3	S	2	June

Reserved	Facility Evaluation Rating	BI	QA	Reserved
	4	N	N	

Section B: Facility Data

Name and Location of Facility Inspected	Entry Time:	Permit Effective Date:
Kerr-McGee Chemical Corporation Columbus, Mississippi	12:50 p.m.	Oct. 11, 1994
	Exit Time/Date: NA	Permit Expiration Date: Oct. 10, 1999

Name(s) of On-Site Representative(s)	Title(s)	Phone No(s)
Mr. Chuck Swann		(601)-328-7551

Name,Address of Responsible Official	Title	
Mr. Ron Murphey Kerr-McGee Chemical Corporation P.O. Box 906 Columbus, MS 39703	Plant Manager	
	Phone No. (601)-328-7551	Contacted YES__ NO__

Section C: Areas Evaluated During Inspection (S-Satisfactory, M-Marginal, U-Unsatisfactory, N-Not Evaluated)

S Permit	S Flow Measurement	S Pretreatment	S Operations & Maintenance
S Records/Reports	N Laboratory	N Compliance Schedules	N Sludge Disposal
S Facility Site Review	N Effluent/Receiving Waters	N Self-Monitoring Program	N Other

Section D: Summary of Findings/Comments

1. The discharge flow has been decreased because they are not treating as much groundwater as previously.
2. Flow measurement is adequate.
3. In possession of pretreatment permit.
4. DMR's were in order and calculations were correct.
5. Operations appeared sufficient.
6. No problems were noted.

Names and Signatures of Inspectors	Agency/Office/Telephone	Date
Milton Brumfield	Office of Pollution Control	June 24, 1997
Signature of Reviewer Milton Brumfield	Agency/Office Office of Pollution Control	Date July 3, 1997

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Action Taken	Date	
		Noncompliance Compliance

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United States Environmental Protection Agency, Washington, D.C., 20460

EPA NPDES Compliance Inspection Report

Form Approved
OMB No.2040-0003
Approval Expires 7-31-85

Section A: National Data System Coding

Transaction Code	NPDES	YR/MO/DAY	Inspection Type	Inspector	Facility Type	Sched'd
N	MSP090021	97/03/19	2M	S	2	Feb.

Reserved	Facility Evaluation Rating	BI	QA	Reserved
	N	N	N	

Section B: Facility Data

Name and Location of Facility Inspected	Entry Time:	Permit Effective Date:
Kerr-McGee Chemical Corporation Columbus, Mississippi	10:50 a.m.	Oct. 11, 1994
	Exit Time/Date: NA	Permit Expiration Date: Oct. 10, 1999

Name(s) of On-Site Representative(s)	Title(s)	Phone No(s)
Mr. R. P. Murphey	Plant Manager	(601)-328-7551

Name,Address of Responsible Official	Title	
Mr. R. P. Murphey Kerr-McGee Chemical Corporation P.O. Box 906 Columbus, MS 39703	Plant Manager	
	Phone No. (601)-328-7551	Contacted YES__ NO__

Section C: Areas Evaluated During Inspection (S-Satisfactory, M-Marginal, U-Unsatisfactory, N-Not Evaluated)

N Permit	N Flow Measurement	N Pretreatment	N Operations & Maintenance
N Records/Reports	N Laboratory	N Compliance Schedules	N Sludge Disposal
N Facility Site Review	S Effluent/Receiving Waters	N Self-Monitoring Program	N Other

Section D: Summary of Findings/Comments

Names and Signatures of Inspectors	Agency/Office/Telephone	Date
Dewitt Spurgeon	Office of Pollution Control	Mar. 19, 1997
Signature of Reviewer: Milton Brumfield	Agency/Office: Office of Pollution Control	Date: June 11, 1997

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Action Taken	Date	
		Noncompliance Compliance

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United States Environmental Protection Agency, Washington, D.C., 20460

EPA NPDES Compliance Inspection Report

Form Approved
OMB No.2040-0003
Approval Expires 7-31-85

Section A: National Data System Coding

Transaction Code	NPDES	YR/MO/DAY	Inspection Type	Inspector	Facility Type	Sched'd
N	MSP090021	96/04/17	3	S	2	Apr.

Reserved	Facility Evaluation Rating	BI	QA	Reserved
	4	N	N	

Section B: Facility Data

Name and Location of Facility Inspected	Entry Time:	Permit Effective Date:
Kerr-McGee Chemical Corporation Columbus, Mississippi	10:40 a.m.	Oct. 11, 1994
	Exit Time/Date: NA	Permit Expiration Date: Oct. 10, 1999

Name(s) of On-Site Representative(s)	Title(s)	Phone No(s)
Mr. Donnie Yarbrough		(601)-328-7551

Name,Address of Responsible Official	Title	Contacted
Mr. Anthony Helms Kerr-McGee Chemical Corporation P.O. Box 906 Columbus, MS 39701	Plant Manager	
	Phone No. (601)-328-7551	YES__ NO__

Section C: Areas Evaluated During Inspection (S-Satisfactory, M-Marginal, U-Unsatisfactory, N-Not Evaluated)

S Permit	S Flow Measurement	S Pretreatment	S Operations & Maintenance
S Records/Reports	N Laboratory	N Compliance Schedules	N Sludge Disposal
S Facility Site Review	N Effluent/Receiving Waters	N Self-Monitoring Program	N Other

Section D: Summary of Findings/Comments

1. Treatment tanks have been covered.
2. Flow measurement is adequate.
3. In possession of pretreatment permit.
4. DMR's were in order and calculations were correct.
5. Operations appeared sufficient.
6. No problems were noted.

Names and Signatures of Inspectors	Agency/Office/Telephone	Date
Milton Brumfield	Office of Pollution Control	April 17, 1996
Signature of Reviewer Milton Brumfield	Agency/Office Office of Pollution Control	Date April 25, 1996

Regulatory Office Use Only

Action Taken	Date	Noncompliance Compliance

EPA Form 3560-3 (Rev. 3-85) Previous editions are obsolete

M E M O R A N D U M

TO: File- (MSP090021) Kerr-McGee Chemical Corp.

FROM: Milton Brumfield

SUBJECT: Compliance Evaluation Inspection (CEI)

On April 17, 1996, I met with Mr. Donnie Yarbrough of Kerr-McGee Chemical Corp. for a compliance evaluation inspection. Mr. Yarbrough accompanied me on an inspection of the facility and grounds. The following were noted:

1. Treatment tanks have been covered.
2. Flow measurement is adequate.
3. In possession of pretreatment permit.
4. DMR's were in order and calculations were correct.
5. Operations appeared sufficient.
6. No problems were noted.

United States Environmental Protection Agency, Washington, D.C., 20460

EPA NPDES Compliance Inspection Report

Form Approved
OMB No.2040-0003
Approval Expires 7-31-85

Section A: National Data System Coding

Transaction Code	NPDES	YR/MO/DAY	Inspection Type	Inspector	Facility Type	Sched'd
N	MSP090021	96/03/19	2M	S	2	Feb.

Reserved	Facility Evaluation Rating	BI	QA	Reserved
	N	N	N	

Section B: Facility Data

Name and Location of Facility Inspected	Entry Time:	Permit Effective Date:
Kerr-McGee Chemical Corporation Columbus, Mississippi	10:30 a.m.	Oct. 11, 1994
	Exit Time/Date: NA	Permit Expiration Date: Oct. 10, 1999

Name(s) of On-Site Representative(s)	Title(s)	Phone No(s)
Mr. R. P. Murphey	Plant Manager	(601)-328-7551

Name,Address of Responsible Official	Title	
Mr. R. P. Murphey Kerr-McGee Chemical Corporation P.O. Box 906 Columbus, MS 39703	Plant Manager	
	Phone No. (601)-328-7551	Contacted YES__ NO__

Section C: Areas Evaluated During Inspection (S-Satisfactory, M-Marginal, U-Unsatisfactory, N-Not Evaluated)

N Permit	N Flow Measurement	N Pretreatment	N Operations & Maintenance
N Records/Reports	N Laboratory	N Compliance Schedules	N Sludge Disposal
N Facility Site Review	U Effluent/Receiving Waters	N Self-Monitoring Program	N Other

Section D: Summary of Findings/Comments

The analytical results of the samples indicate that Kerr-McGee Chemical Company was not in compliance with the pretreatment permit on March 19, 1996.

Names and Signatures of Inspectors	Agency/Office/Telephone	Date
Clift Jeter	Office of Pollution Control	Mar. 19, 1996
Signature of Reviewer Milton Brumfield	Agency/Office Office of Pollution Control	Date MAY 29, 1996

Regulatory Office Use Only

Action Taken	Date	
		X Noncompliance Compliance

EPA Form 3560-3 (Rev. 3-85) Previous editions are obsolete

United States Environmental Protection Agency, Washington, D.C., 20460

EPA NPDES Compliance Inspection Report

Form Approved
OMB No.2040-0003
Approval Expires 7-31-85

Section A: National Data System Coding

Transaction Code	NPDES	YR/MO/DAY	Inspection Type	Inspector	Facility Type	Sched'd
N	MSP090021	95/04/04	3	S	2	Apr.

Reserved	Facility Evaluation Rating	BI	QA	Reserved
	4	N	N	

Section B: Facility Data

Name and Location of Facility Inspected	Entry Time:	Permit Effective Date:
Kerr-McGee Chemical Corporation Columbus, Mississippi	11:00 a.m.	Oct. 11, 1994
	Exit Time/Date: NA	Permit Expiration Date: Oct. 10, 1999

Name(s) of On-Site Representative(s)	Title(s)	Phone No(s)
Mr. Chuck Swann		(601)-328-7551

Name, Address of Responsible Official	Title	Contacted
Mr. Anthony Helms Kerr-McGee Chemical Corporation P.O. Box 906 Columbus, MS 39701	Plant Manager	YES_ NO_
	Phone No. (601)-328-7551	

Section C: Areas Evaluated During Inspection (S-Satisfactory, M-Marginal, U-Unsatisfactory, N-Not Evaluated)

S Permit	S Flow Measurement	S Pretreatment	S Operations & Maintenance
S Records/Reports	N Laboratory	N Compliance Schedules	N Sludge Disposal
S Facility Site Review	N Effluent/Receiving Waters	N Self-Monitoring Program	N Other

Section D: Summary of Findings/Comments

On April 4, 1995, I met with Mr. Chuck Swann of Kerr-McGee Chemical Corp. for a compliance evaluation inspection. Mr. Swann accompanied me on an inspection of the facility and grounds. The following were noted:

1. Good record-keeping.
2. pH is checked on site by outside lab.
3. No non-compliance discharges were noted.
4. Flow measurement is adequate.
5. In possession of pretreatment permit.
6. DMR's were in order and caculations were correct.
7. Operations appeared sufficient.
8. No problems were noted.

Names and Signatures of Inspectors	Agency/Office/Telephone	Date
Milton Brumfield	Office of Pollution Control	April 4, 1995
Signature of Reviewer: Milton Brumfield	Agency/Office: Office of Pollution Control	Date: April 10, 1995

Regulatory Office Use Only

Action Taken	Date	Noncompliance / Compliance

EPA Form 3560-3 (Rev. 3-85) Previous editions are obsolete

United States Environmental Protection Agency, Washington, D.C., 20460

EPA NPDES Compliance Inspection Report

Form Approved
OMB No.2040-0003
Approval Expires 7-31-85

Section A: National Data System Coding

Transaction Code	NPDES	YR/MO/DAY	Inspection Type	Inspector	Facility Type	Schd'd
N	MSP090021	95/02/21	2M	S	2	Feb.

Reserved	Facility Evaluation Rating	BI	QA	Reserved
	N	N	N	

Section B: Facility Data

Name and Location of Facility Inspected	Entry Time:	Permit Effective Date:
Kerr-McGee Chemical Corporation Columbus, Mississippi	2:30 p.m.	Oct. 11, 1994
	Exit Time/Date: NA	Permit Expiration Date: Oct. 10, 1999

Name(s) of On-Site Representative(s)	Title(s)	Phone No(s)
Mr. Anthony Helms	Plant Manager	(601)-328-7551

Name,Address of Responsible Official	Title	
Mr. Anthony Helms Kerr-McGee Chemical Corporation P.O. Box 906 Columbus, MS 39701	Plant Manager	
	Phone No. (601)-328-7551	Contacted YES_ NO_

Section C: Areas Evaluated During Inspection (S-Satisfactory, M-Marginal, U-Unsatisfactory, N-Not Evaluated)

N Permit	N Flow Measurement	N Pretreatment	N Operations & Maintenance
N Records/Reports	N Laboratory	N Compliance Schedules	N Sludge Disposal
N Facility Site Review	S Effluent/Receiving Waters	N Self-Monitoring Program	N Other

Section D: Summary of Findings/Comments

Names and Signatures of Inspectors	Agency/Office/Telephone	Date
Dewitt Spurgeon & Clift Jeter	Office of Pollution Control	Feb. 21, 1995
Signature of Reviewer Milton Brumfield	Agency/Office Office of Pollution Control	Date MAY 3, 1995

Regulatory Office Use Only

Action Taken	Date	
		Noncompliance Compliance

EPA Form 3560-3 (Rev. 3-85) Previous editions are obsolete

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Nov-98

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	29,966					
2	30,115					
3	28,556					
4	24,578	7.00		10.85	2.21	7.10
5	21,056					
6	28,964					
7	27,569					
8	23,611					
9	27,521					
10	22,174					
11	23,698					6.80
12	29,784					
13	30,114					
14	33,569					
15	32,774					
16	25,661					
17	27,480					
18	30,667	12.00		6.70	1.71	6.80
19	28,564					
20	31,997					
21	34,566					
22	30,001					
23	19,895					
24	30,145					
25	32,566					6.60
26	27,458					
27	20,156					
28	27,456					
29	28,564					
30	26,558					
31						
Avg.	27,859	9.50		8.78	1.96	6.83
Max.	34,566	12.00		10.85	2.21	7.10
Min.	19,895	7.00		6.70	1.71	6.60

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Oct-98

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	28,556	11.00		17.50	4.15	6.70
2	29,548					
3	30,110					
4	25,789					
5	26,698					
6	27,895					
7	28,520					6.70
8	22,455					
9	23,699					
10	28,755					
11	21,488					
12	20,671					
13	30,456					
14	31,774					
15	26,985					6.70
16	25,555					
17	27,810					
18	22,455					
19	26,189					
20	25,776					
21	28,445	7.00		11.95	2.82	6.90
22	27,450					
23	22,014					
24	26,118					
25	24,656					
26	25,685					
27	26,331					
28	28,585					6.70
29	30,110					
30	31,225					
31	29,862					
Avg.	**26,828**	**9.00**		**14.73**	**3.49**	**6.74**
Max.	**31,774**	**11.00**		**17.50**	**4.15**	**6.90**
Min.	**20,671**	**7.00**		**11.95**	**2.82**	**6.70**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

RECEIVED OCT 2 8 1998 DEQ-OPC

KMCC-FPD Facility - Columbus, MS
Month/Year - Sep-98

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	**FLOW**	**mg/1**	**lbs.**	**mg/1**	**lbs.**	**SU**
1	30,115					
2	29,556					6.70
3	28,547					
4	29,511					
5	22,415					
6	26,781					
7	30,110					
8	25,978					
9	26,459					6.70
10	24,568					
11	20,456					
12	22,525					
13	23,366					
14	27,458					
15	33,658					
16	20,145	7.00		11.15	1.87	6.70
17	27,445					
18	21,056					
19	27,452					
20	19,568					
21	24,166					
22	21,458					
23	29,465					6.50
24	18,996					
25	20,454					
26	30,155					
27	20,145					
28	25,547					
29	26,114					
30	22,587	11.00		17.50	3.28	6.70
31						
Avg.	**25,209**	**9.00**		**14.33**	**2.57**	**6.66**
Max.	**33,658**	**11.00**		**17.50**	**3.28**	**6.70**
Min.	**18,996**	**7.00**		**11.15**	**1.87**	**6.50**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Aug-98

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	27,855					
2	29,862					
3	21,103					
4	25,664					
5	27,541					7.80
6	21,598					
7	20,367					
8	30,115					
9	28,556					
10	19,899					
11	20,114					
12	25,667	6.00		14.40	3.07	6.20
13	24,897					
14	25,336					
15	27,589					
16	20,335					
17	27,445					
18	20,556					
19	28,991					6.50
20	30,114					
21	31,556					
22	33,889					
23	28,556					
24	24,558					
25	26,752					
26	24,792	7.00		35.15	7.24	6.60
27	29,878					
28	30,466					
29	28,722					
30	20,113					
31	30,556					
Avg.	**26,240**	**6.50**		**24.78**	**5.15**	**6.78**
Max.	**33,889**	**7.00**		**35.15**	**7.24**	**7.80**
Min.	**19,899**	**6.00**		**14.40**	**3.07**	**6.20**

Table No. 2-3 **FACIILITY DISCHARGE MONITORING RECORD**

KMCC-FPD Facility - Columbus, MS
Month/Year - Jul-98 (Page 1 of 1)

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	26,589	7.00		10.95	2.42	6.60
2	25,878					
3	22,336					
4	24,155					
5	20,995					
6	30,114					
7	32,665					
8	21,557					6.10
9	25,689					
10	25,887					
11	24,515					
12	19,899					
13	27,485					
14	25,412					
15	20,443	6.00		5.30	0.90	6.90
16	28,566					
17	27,458					
18	22,633					
19	24,566					
20	24,582					
21	20,117					
22	25,456					6.20
23	20,014					
24	23,368					
25	24,545					
26	20,100					
27	27,455					
28	20,336					
29	27,963	7.00		3.30	0.77	7.30
30	20,122					
31	30,456					
Avg.	**24,560**	**6.67**		**6.52**	**1.36**	**6.62**
Max.	**32,665**	**7.00**		**10.95**	**2.42**	**7.30**
Min.	**19,899**	**6.00**		**3.30**	**0.77**	**6.10**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Jun-98

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	25,896					
2	28,546					
3	23,357	10.00		29.6	5.74	6.40
4	28,510					
5	22,479					
6	29,541					
7	22,548					
8	24,530					
9	28,665					
10	27,848					6.40
11	30,110					
12	22,147					
13	25,698					
14	20,132					
15	19,877					
16	26,499					
17	27,742	8.00		19.85	4.57	6.40
18	20,003					
19	21,578					
20	26,989					
21	24,744					
22	25,565					
23	20,001					
24	24,627					6.50
25	29,855					
26	25,645					
27	23,333					
28	21,144					
29	25,952					
30	30,154					
31						
Avg.	**25,124**	**9.00**		**24.73**	**5.16**	**6.43**
Max.	**30,154**	**10.00**		**29.60**	**5.74**	**6.50**
Min.	**19,877**	**8.00**		**19.85**	**4.57**	**6.40**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - May-98

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	22,856					
2	23,654					
3	28,962					
4	24,512					
5	27,563					6.40
6	20,115					
7	30,114					
8	24,987					
9	23,305					
10	27,101					
11	22,012					
12	25,698					
13	24,516	9.00		52.90	10.77	6.10
14	23,005					
15	19,982					
16	24,578					
17	25,445					
18	30,110					
19	24,596					
20	28,925					6.20
21	22,447					
22	24,566					
23	28,564					
24	23,884					
25	27,524					
26	25,499					
27	24,544	7.00		3.75	0.76	6.70
28	28,524					
29	24,568					
30	29,998					
31	31,252					
Avg.	**25,594**	**8.00**		**28.33**	**5.77**	**6.35**
Max.	**31,252**	**9.00**		**52.90**	**10.77**	**6.70**
Min.	**19,982**	**7.00**		**3.75**	**0.76**	**6.10**

Table No. 2-3

FACILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Apr-98

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	29,986					6.20
2	24,516					
3	25,941					
4	26,587					
5	20,054					
6	23,698					
7	21,158					
8	30,004					6.40
9	19,852					
10	20,456					
11	21,578					
12	23,625					
13	23,000					
14	22,785					
15	22,145	10.00		16.00	2.94	6.50
16	20,147					
17	24,512					
18	20,333					
19	22,554					
20	27,844					
21	20,474					
22	20,669					6.30
23	28,844					
24	24,558					
25	26,647					
26	23,658					
27	24,455					
28	22,544					
29	33,041	9.00		4.83	1.33	6.40
30	20,014					
31						
Avg.	**23,856**	**9.50**		**10.42**	**2.13**	**6.36**
Max.	**33,041**	**10.00**		**16.00**	**2.94**	**6.50**
Min.	**19,852**	**9.00**		**4.83**	**1.3252134**	**6.20**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Mar-98

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	28,564					
2	25,469					
3	25,512					
4	26,321					6.40
5	24,897					
6	28,997					
7	20,115					
8	23,956					
9	23,874					
10	30,111					
11	27,415	9.00		14.65	3.34	6.40
12	25,001					
13	27,459					
14	30,156					
15	32,256					
16	20,145					
17	24,568					
18	21,590					6.10
19	27,416					
20	22,252					
21	23,045					
22	20,111					
23	24,690	11.00		0.022	0.0045105	5.90
24	24,562					
25	29,014	10.00		12.90	3.11	6.10
26	25,465					
27	23,007					
28	22,589					
29	25,242					
30	20,331					
31	19,985					
Avg.	**24,971**	**10.00**		**9.19**	**2.15**	**7.73**
Max.	**32,256**	**11.00**		**14.65**	**3.34**	**6.40**
Min.	**19,985**	**9.00**		**0.022**	**0.0045105**	**5.90**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Feb-98

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	27,569					
2	25,849					
3	21,366					
4	19,972					6.10
5	31,005					
6	30,690					
7	28,745					
8	24,987					
9	32,564					
10	26,641					
11	25,411	7.00		8.30	1.75	6.50
12	25,987					
13	24,516					
14	35,514					
15	31,056					
16	30,078					
17	28,947					
18	22,514					6.10
19	23,630					
20	24,586					
21	26,256					
22	20,041					
23	20,455					
24	27,957					
25	30,560	9.00		25.95	6.59	6.20
26	25,877					
27	21,545					
28	25,555					
29						
30						
31						
Avg.	**26,424**	**8.00**		**17.13**	**4.17**	**6.23**
Max.	**35,514**	**9.00**		**25.95**	**6.59**	**6.50**
Min.	**19,972**	**7.00**		**8.30**	**1.75**	**6.10**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Jan-98

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	28,896					
2	31,205					
3	21,999					
4	30,569					
5	31,026					
6	30,951					
7	28,941					6.80
8	26,592					
9	31,056					
10	30,256					
11	29,940					
12	25,625					
13	26,912					
14	27,846	8.00		10.55	2.44	6.70
15	30,056					
16	31,284					
17	33,676					
18	32,406					
19	34,248					
20	33,265					
21	30,089					6.20
22	29,285					
23	21,111					
24	22,656					
25	28,255					
26	26,246					
27	25,085					
28	30,122	7.00		6.40	1.60	6.30
29	34,014					
30	33,221					
31	33,221					
Avg.	**29,357**	**7.50**		**8.48**	**2.02**	**6.50**
Max.	**34,248**	**8.00**		**10.55**	**2.44**	**6.80**
Min.	**21,111**	**7.00**		**6.40**	**1.60**	**6.20**

PERMITTEE NAME/ADDRESS (Include Facility Name/ Location if Different)
NAME KERR-MCGEE (COLUMBUS)
ADDRESS P O BOX 906
COLUMBUS MS 39703

Lawnzes Pretreatment

KAS

FACILITY 14TH VE AND 20TH STREET NORTH
LOCATION COLUMBUS MS 39701
ATTN: ANTHONY N HELMS PLANT MANAGER

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

MSP090021	001 A
PERMIT NUMBER	DISCHARGE NUMBER (17-19)

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	12	01	TO	96	12	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

Kirk

Form Approved.
OMB No. 2040-0004
Approval Expires 05-31-98

1998

PRETREATED PROCESS WASTEWATER
(SUBR NO)
F - FINAL
MINOR

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	QUANTITY OR LOADING (54-61) MAXIMUM	UNITS	QUANTITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	QUANTITY OR CONCENTRATION (46-53) AVERAGE	QUANTITY OR CONCENTRATION (54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.6	******	7.1	(12)	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXT.-IR METH) TOT, RC	SAMPLE MEASUREMENT	******	******		******	7.33	8.0	(19)	0	3/31	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		WICE/ MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	3.72	5.66	(26)	******	20.17	30.80	(19)	0	3/31	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.5 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		WICE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.036	(03)	******	******	******		0	7/7	CONT
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

RECEIVED 1999 DEQ-ECD

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R.P. MURPHEY/ PLT. MGR.

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.)*

R P Murphey

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
601	328 7551	99	01	27
AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY 14TH VE AND 20TH STREET NORTH
LOCATION COLUMBUS MS 39701
ATTN: ANTHONY N HELMS PLANT MANAGER

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

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
MS0090021	001 A

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	98	11	01	TO	98	11	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

Kerr
PRETREATED PROCESS WASTEWATER
(SUBR ND) 62345
F - FINAL
MINOR
Lowndes County KAS

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

*** NO DISCHARGE |__| ***

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) QUANTITY OR CONCENTRATION (46-53) MINIMUM	(54-61) AVERAGE	MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.6	******	7.1	(12)	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXT.-IR METHOD) TOT. RC	SAMPLE MEASUREMENT	******	******		******	9.5	12	(19)	0	2/30	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	29 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	1.96	2.21	(26)	******	8.78	6.70	(19)	0	2/30	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	41.8 MO MAX	LBS/DY	******	52 MO AVG	1[illegible] MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.035	(03)	******	******	******		0	7/7	CONT
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

RECEIVED
JAN 7 1999
DEQ-ECED

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
RP MURPHEY / PLT MGR	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.)*	RP Murphey	601	3287551	98	12	18
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS (Include Facility Name/ Location if Different)
NAME KERR-MCGEE (COLUMBUS)
ADDRESS P O BOX 906
COLUMBUS MS 39703

File Lowndes

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

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

(2-16)	(17-19)
MSP090021	001 A
PERMIT NUMBER	DISCHARGE NUMBER

Kirk

PRETREATED PROCESS WASTEWATER
(SUBR NO)
F - FINAL
MINOR

FACILITY 14TH VE AND 20TH STREET NORTH
LOCATION COLUMBUS MS 39701
ATTN: ANTHONY N HELMS PLANT MANAGER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	98	10	01	TO	98	10	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE |__| ***

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) QUANTITY OR CONCENTRATION (46-53) MINIMUM	(54-61) AVERAGE	MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		6.7	******	6.9	(12)	0	1/7	GRAB
	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH)TOT.RECOV 00560 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	9	11	(19)	0	2/31	GRAB
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	30 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS 46000 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	3.49	4.15	(26)	******	14.73	17.50	(19)	0	2/31	GRAB
	PERMIT REQUIREMENT	32.6 MO AVG	42.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.032	(03)	******	******	******		0	7/7	CONT.
	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
RP MURPHEY / PLT. MGR.
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.)*

RP Murphey
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
601	3287551	98	11	24
AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*
NAME KERR-MCGEE (COLUMBUS)
ADDRESS P O BOX 906
COLUMBUS MS 39703
Lowndes

FACILITY 14TH VE AND 20TH STREET NORTH
LOCATION COLUMBUS MS 39701
ATTN: ANTHONY N HELMS PLANT MANAGER

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

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MSR090021	001 A

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	98	09	01	TO	98	09	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

PRETREATED PROCESS WW & BUILER
(SUBR NO) 12345
F - FINAL
MINOR
KS

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	QUANTITY OR CONCENTRATION (4 Card Only) MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		6.5	******	6.7	(12) SU	0	1/7	GRAB
	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.0 MAXIMUM			WEEKLY	GRAB
OIL & GREASE (FREON EXT.-IR METH)TOT,RU 00560 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	9.0	11.0	(19) MG/L	0	2/30	GRAB
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX			TWICE/ MONTH	GRAB
PHENOLS 46000 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2.57	3.28	(26) LBS/DY	******	14.33	17.50	(19) MG/L	0	2/30	GRAB
	PERMIT REQUIREMENT	32.6 MO AVG	43.3 MO MAX		******	52 MO AVG	75 MO MAX			TWICE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.034	(03) MGD	******	******	******		0	7/7	CONT.
	PERMIT REQUIREMENT	******	.075 MO MAX		******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

RECEIVED OCT 28 1998

OCT 28 1998

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
R.P. MURPHEY / PLT. MGR.	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.)*	R P Murphy	601	3287551	98	10	24
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY 14TH VE AND 20TH STREET NORTH
LOCATION COLUMBUS MS 39701
ATTN: ANTHONY N HELMS PLANT MANAGER

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

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MSP090021	001 A

PRETREATED PROCESS WASTEWATER
(SUBR NO) 12345
F - FINAL
MINOR

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	98	08	01	TO	98	08	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [ ] ***

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) QUANTITY OR CONCENTRATION (46-53) MINIMUM	AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		6.2	******	7.8	(12)	0	1/7	GRAB
	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXT.-IR METH) TOT, RC 00560 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	6.5	7	(19)	0	2/31	GRAB
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	58 MO MAX	MG/L		ONCE/MONTH	GRAB
PHENOLS 46000 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	5.15	7.24	(26)	******	24.78	35.15	(19)	0	2/31	GRAB
	PERMIT REQUIREMENT	32.5 MO AVG	43.8 MO MAX	LBS/DY	******	52 MO AVG	70 MO MAX	MG/L		ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.034	(03)	******	******	******		0	7/7	CONT
	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R.P. MURPHY / PLT MGR

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.)*

R P Murphy

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
601	328-7551	98	09	28
AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P O BOX 905 Lowndes
COLUMBUS MS 39703
RAS

FACILITY 14TH VE AND 20TH STREET NORTH
LOCATION COLUMBUS MS 39701
ATTN: ANTHONY M HELMS PLANT MANAGER

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

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
MSP090021	001 A

PRETREATED PROCESS WW & BOILER
(SUBR ND) 12345
F - FINAL
MINOR

Form Approved
OMB No. 2040-0004
Approval expires 05-31-98

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	98	07	01	TO	98	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.1	******	7.3	(12)	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH) TOT,RU	SAMPLE MEASUREMENT	******	******		******	6.67	7.0	(19)	0	3/31	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT NO AVG	30 NO MAX	MG/L		ONCE/ MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	1.36	2.42	(26)	******	6.52	10.95	(19)	0	3/31	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 NO AVG	48.9 NO MAX	LBS/DY	******	52 NO AVG	78 NO MAX	MG/L		TWICE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.033	(03)	******	******	******		0	7/7	CONT.
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 NO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R.P. MURPHEY / PLT. MGR.

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.)*

R.P. Murphey

SIGNATURE

TELEPHONE

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*
NAME KERR-MCGEE (COLUMBUS)
ADDRESS P O BOX 906 Lowndes Pretreatment
COLUMBUS MS 39703

FACILITY 14TH VE AND 20TH STREET NORTH
LOCATION COLUMBUS MS 39701
ATTN: ANTHONY N HELMS PLANT MANAGER

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

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MSR090021	001 A

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	98	08	01	TO	98	08	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

PRETREATED PROCESS WASTEWATER
(SUBR NO) 12345
F - FINAL
MINOR

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	QUANTITY OR LOADING (54-61) MAXIMUM	UNITS	QUANTITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	QUANTITY OR CONCENTRATION (46-53) AVERAGE	QUANTITY OR CONCENTRATION (54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.4	******	6.5	(12)	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH)TOT,RU	SAMPLE MEASUREMENT	******	******		******	9	10	(19)	0	2/30	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/ MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	5.16	5.74	(26)	******	24.73	29.60	(19)	0	2/30	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	52.6 MO AVG	48.3 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.030	(03)	******	******	******		0	7/7	CONT.
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

RECEIVED JUL 27 1998

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
R.P. MURPHEY / PLT. MGR.	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.)*	N P Murphy	601	328-7551	98	07	24
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*

NAME → KERR-MCGEE (COLUMBUS)

ADDRESS P O BOX 906
COLUMBUS MS 39703

Lowndes

FACILITY 14TH VE AND 20TH STREET NORTH
LOCATION COLUMBUS MS 39701
ATTN: ANTHONY N HELMS PLANT MANAGER

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

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
MS0000071	001 A

PRETREATED PROCESS WA & BOILER
(SUBR NO) 12345
F - FINAL
MINOR

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	98	05	01	TO	98	05	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE |__| ***

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		6.1	******	6.7	(12)	0	1/7	GRAB
	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH) TOT, RU 00560 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	8	9	(19)	0	2/31	GRAB
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/ MONTH	GRAB
PHENOLS 34000 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	5.77	10.77	(26)	******	28.33	52.90	(19)		2/31	GRAB
	PERMIT REQUIREMENT	32.5 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	75 MO MAX	MG/L		TWICE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.031	(03)	******	******	******		0	7/7	CONT
	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

JUN 26 1998

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R.P. MURPHEY / PLT MGR

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.)*

R.P. Murphey

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
601	328-7551	98	06	10

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*
NAME KERR-MCGEE (COLUMBUS)
ADDRESS P.O. BOX 906
COLUMBUS MS 39703

FACILITY 14TH VE AND 20TH STREET NORTH
LOCATION COLUMBUS MS 39701
ATTN: ANTHONY N HELMS PLANT MANAGER

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

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MSP090021	001 A

PRETREATED PROCESS WASTEWATER
(SUBR ND) 12345
F - FINAL Lounds
MINOR

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

MONITORING PERIOD	YEAR	MO	DAY
FROM (20-21) (22-23) (24-25)	98	04	01
TO (26-27) (28-29) (30-31)	98	04	30

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.2	******	6.5	(12)	Ø	1/1	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC	SAMPLE MEASUREMENT	******	******		******	9.5	10	(19)	Ø	2/30	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	2.13	2.94	(26)	******	10.42	16.00	(19)	Ø	2/30	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.5 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	70 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.033	(03)	******	******	******		Ø	7/7	CONT.
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
R.P. MURPHEY / PLT. MGR.
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.)*

R. P. Murphey
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
601	328-7551	98	05	27

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P. O BOX 906
COLUMBUS MS 39703

Lowndes

FACILITY 14TH VE AND 20TH STREET NORTH
LOCATION COLUMBUS MS 39701
ATTN: ANTHONY N HELMS PLANT MANAGER

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

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
MSP090021	001 A

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	98	03	01	TO	98	03	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

PRETREATED PROCESS WASTEWATER
(SUBR ND) 12345
F - FINAL
MINOR

*** NO DISCHARGE |__| ***

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PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		5.9	******	6.4	(12)	0	5/31	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH) TOT,RC	SAMPLE MEASUREMENT	******	******		******	10.0	11.0	(19)	0	3/31	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	30 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	2.15	3.34	(26)	******	9.19	14.65	(19)	0	3/31	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.5 MO AVG	48.0 MO MAX	LBS/DY	******	32 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.032	(03)	******	******	******		0	7/7	CONT
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
R.P. MURPHEY / PLANT MGR.	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.)*	R P Murphy	601 328 7551	98	04	17
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE NUMBER	YEAR	MO	DAY

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

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

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P O BOX 906
COLUMBUS MS 39703

File Pretreatment Monroe County

FACILITY 14TH VE AND 20TH STREET NORTH
LOCATION COLUMBUS MS 39701
ATTN: ANTHONY N HELMS PLANT MANAGER

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

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MSP090021	001 A

PRETREATED PROCESS WASTEWATER (SUBR NO) F - FINAL MINOR.

MY

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	98	02	01	TO	98	02	28
	(20-21)	(22-23)	(24-26)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.1	******	6.5	(12)	Ø	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC	SAMPLE MEASUREMENT	******	******		******	8	9	(19)	Ø	2/28	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		WICE/ MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	4.17	6.59	(26)	******	17.13	25.95	(19)	Ø	2/28	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	43.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		WICE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.036	(03)	******	******	******		Ø	7/7	CONT.
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

RECEIVED MAR 0 1998 DEQ-OPC

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R.P. MURPHEY / PLT. MGR.

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.)*

R.P. Murphy

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
601	328-7551	98	03	24

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY 14TH VE AND 20TH STREET NORTH
LOCATION COLUMBUS MS 39701
ATTN: ANTHONY N HELMS PLANT MANAGER

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

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
MSP090021	001 Y

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	98	01	01	TO	98	12	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

PROCESS WASTEWATER
(SUBR NO) 12345
F - FINAL
MINOR

*** NO DISCHARGE [ ] ***

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PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.002665	(26)	******	0.0101	0.013	(19)	0	2/365	COMP
	PERMIT REQUIREMENT	******	1.40 ANNL MAX	LBS/DY	******	REPORT ANNL AVG	2.35 ANNL MAX	MG/L		SEMI-ANNUAL	COMPOS
CHROMIUM, TOTAL (AS CR) 01034 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.008201	(26)	******	<.004	<.04	(19)	0	2/365	COMP
	PERMIT REQUIREMENT	******	1.43 ANNL MAX	LBS/DY	******	REPORT ANNL AVG	2.36 ANNL MAX	MG/L		SEMI-ANNUAL	COMPOS
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.00615	(26)	******	<0.03	0.03	(19)	0	2/365	COMP
	PERMIT REQUIREMENT	******	1.85 ANNL MAX	LBS/DY	******	REPORT ANNL AVG	2.95 ANNL MAX	MG/L		SEMI-ANNUAL	COMPOS
PENTACHLOROPHENOL 39032 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.0382	0.07639	(26)	******	0.1874	0.374	(19)	0	2/365	GRAB
	PERMIT REQUIREMENT	.744 ANNL AVG	1.12 ANNL MAX	LBS/DY	******	1.19 ANNL AVG	1.79 ANNL MAX	MG/L		SEMI-ANNUAL	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R.P. MURPHEY / PLT MGR

TYPED OR PRINTED

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R P Murphey

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
601	3287551	99	01	27

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

COMPOSITE SAMPLES SHOULD CONSIST OF MANUAL GRAB SAMPLES OF EQUAL ALIQUOT VOLUMES TAKEN EVERY FOUR HOURS FOR THE DURATION OF THE DISCHARGE DURING THE 24-HOUR PERIOD.

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY 14TH VE AND 20TH STREET NORTH
LOCATION COLUMBUS MS 39701
ATTN: ANTHONY N HELMS PLANT MANAGER

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

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MS0090021	001 A

PRETREATED PROCESS WASTEWATER
(SUBR NO) 12345
F - FINAL
MINOR

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	98	01	01	TO	98	01	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE |__| ***

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PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.2	******	6.8	(12)	0	1/7	GRAB
00400 1 0 0	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON	SAMPLE MEASUREMENT	******	******		******	7.5	8	(19)	0	2/31	GRAB
EXT.-IR METH)TOT,RC 00560 1 0 0	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	2.02	2.44	(26)	******	8.48	10.55	(19)	0	2/31	GRAB
46000 1 0 0	PERMIT REQUIREMENT	32.5 MO AVG	43.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.034	(03)	******	******	******		0	7/7	CONTIN
50050 1 0 0	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R.P. MURPHEY / PLT. MGR.

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.)*

R.P. Murphy

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
601	328-7551	98	2	23

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*
NAME KERR-MCGEE (COLUMBUS)
ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY 14TH VE AND 20TH STREET NORTH
LOCATION COLUMBUS MS 39701
ATTN: ANTHONY N HELMS PLANT MANAGER

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

PERMIT NUMBER *(2-16)*	DISCHARGE NUMBER *(17-19)*
MSP090021	001 A

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	98	01	01	TO	99	01	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PRETREATED PROCES[illegible]ER
(SUBR NO)
F - FINAL
MINOR

*** NO DISCHARGE |__| ***

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Approval expires 05-31-98

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		QUANTITY OR LOADING *(3 Card Only) (46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	QUANTITY OR CONCENTRATION *(4 Card Only) (38-45)* MINIMUM	*(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
PH	SAMPLE MEASUREMENT	******	******		6.2	******	6.8	(12)	0	1/7	GRAB
00400 1 0 0	PERMIT REQUIREMENT	******	******	*** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU			
OIL & GREASE (FREON EXT.-IR METH)TOT,RC	SAMPLE MEASUREMENT	******	******		******	7.5	8	(19)	0	2/31	GRAB
00560 1 0 0	PERMIT REQUIREMENT	******	******	*** ****	******	15.0 MO AVG	20 MO MAX	MG/L		1/MONTH	
PHENOLS	SAMPLE MEASUREMENT	2.02	2.44	(26)	******	8.48	10.55	(19)	0	2/31	GRAB
46000 1 0 0	PERMIT REQUIREMENT	32.5 MO AVG	43.0 MO MAX	LBS/DY	******	52 MO AVG	70 MO MAX	MG/L		1/MONTH	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.034	(03)	******	******	******		0	7/7	CONTIN
50050 1 0 0	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	*** ****		CONTIN	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
R.P. MURPHEY / PLT. MGR.
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.)*

R.P. Murphy
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
601	328-7551	98	2	23
AREA CODE	NUMBER	YEAR	MO	DAY

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

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Dec-97

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	22,894					
2	26,998					
3	20,154	5.00		10.9	1.82	6.50
4	20,579					
5	26,561					
6	23,562					
7	24,741					
8	23,699					
9	30,115					
10	27,745					6.50
11	24,652					
12	29,889					
13	21,115					
14	23,305					
15	24,662					
16	24,899					
17	29,982	7.00		9.05	2.25	6.40
18	35,002					
19	31,004					
20	20,000					
21	20,000					
22	23,305					
23	22,965					6.30
24	19,200					
25	19,200					
26	19,200					
27	19,258					
28	19,257					
29	20,047					
30	28,541					6.50
31	23,698					
Avg.	**24,072**	**6.00**		**9.98**	**2.04**	**6.44**
Max.	**35,002**	**7.00**		**10.90**	**2.25**	**6.50**
Min.	**19,200**	**5.00**		**9.05**	**1.82**	**6.30**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Nov-97

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	25,647					
2	28,951					
3	22,145					
4	26,315					
5	23,114	7.00		19.50	3.74	6.50
6	22,458					
7	28,874					
8	26,224					
9	27,774					
10	20,047					
11	30,045					
12	19,978					6.70
13	19,999					
14	27,746					
15	29,654					
16	27,541					
17	24,562					
18	24,886					
19	26,633	8.00		40.45	8.95	6.40
20	27,895					
21	24,661					
22	31,157					
23	18,469					
24	24,755					
25	21,256					
26	20,014					6.20
27	30,056					
28	29,224					
29	21,451					
30	23,698					
31						
Avg.	25,174	7.50		29.98	6.34	6.45
Max.	31,157	8.00		40.45	8.95	6.70
Min.	18,469	7.00		19.50	3.74	6.20

Table No. 2-3 FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Oct-97 (Page 1 of 1)

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	27,852					6.40
2	23,694					
3	24,561					
4	31,009					
5	24,584					
6	28,879					
7	20,125					
8	17,892	7.00		12.55	1.86	6.40
9	22,541					
10	23,699					
11	28,761					
12	31,108					
13	32,694					
14	28,564					
15	24,790					6.50
16	24,896					
17	24,789					
18	30,069					
19	30,478					
20	29,763					
21	20,486					
22	25,252	6.00		27.50	5.77	6.50
23	21,478					
24	18,798					
25	28,791					
26	11,258					
27	30,477					
28	24,456					
29	27,666					6.70
30	27,785					
31	31,125					
Avg.	25,752	6.50		20.03	3.82	6.50
Max.	32,694	7.00		27.50	5.77	6.70
Min.	11,258	6.00		12.55	1.86	6.40

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Sep-97

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	25,645					
2	24,865					
3	24,822					6.70
4	29,845					
5	24,463					
6	27,745					
7	19,689					
8	15,459					
9	30,146					
10	20,147	7.00		17.55	2.94	6.70
11	22,547					
12	26,879					
13	21,333					
14	27,895					
15	30,004					
16	22,661					
17	24,869					6.30
18	32,331					
19	24,489					
20	21,123					
21	24,784					
22	33,669					
23	30,040					
24	21,348	7.00		15.52	2.75	6.40
25	20,004					
26	30,078					
27	26,847					
28	21,187					
29	26,118					
30	29,456					
31						
Avg.	25,350	7.00		16.54	2.84	6.53
Max.	33,669	7.00		17.55	2.94	6.70
Min.	15,459	7.00		15.52	2.75	6.30

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Aug-97

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	30,125					
2	28,854					
3	24,698					
4	21,365					
5	24,562					
6	24,522					6.40
7	28,621					
8	19,875					
9	30,456					
10	28,586					
11	31,004					
12	18,794					
13	18,255	9.00		30.30	4.59	6.40
14	22,690					
15	24,856					
16	31,256					
17	28,789					
18	21,025					
19	25,645					
20	24,698					6.30
21	24,569					
22	20,414					
23	33,056					
24	28,795					
25	15,862					
26	19,984					
27	22,564	7.00		5.70	1.07	6.80
28	24,598					
29	20,040					
30	33,451					
31	22,457					
Avg.	**24,983**	**8.00**		**18.00**	**2.83**	**6.48**
Max.	**33,451**	**9.00**		**30.30**	**4.59**	**6.80**
Min.	**15,862**	**7.00**		**5.70**	**1.07**	**6.30**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Jul-97

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	29,850					
2	30,173	8.00		24.15	6.14	6.30
3	28,851					
4	18,251					
5	28,879					
6	30,214					
7	25,589					
8	27,793					
9	36,051					6.60
10	20,147					
11	20,697					
12	25,564					
13	17,898					
14	21,478					
15	29,958					
16	28,655	9.00		17.20	4.09	6.60
17	31,822					
18	20,875					
19	21,300					
20	21,300					
21	21,372					
22	26,445					
23	31,880					6.50
24	29,960					
25	18,220					
26	18,340					
27	18,340					
28	18,340					
29	22,271					
30	25,080	5.00		2.75	0.57	6.40
31	22,975					
Avg.	24,793	7.33		14.70	3.60	6.48
Max.	36,051	9.00		24.15	6.14	6.60
Min.	17,898	5.00		2.75	0.57	6.30

Table No. 2-3 FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Jun-97 (Page 1 of 1)

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	27,892					
2	21,005					
3	26,615					
4	28,872	7.00		13.85	3.33	6.70
5	30,156					
6	32,691					
7	25,982					
8	25,489					
9	31,255					
10	29,964					
11	28,554					6.20
12	24,798					
13	27,856					
14	30,215					
15	32,521					
16	35,884					
17	24,854					
18	24,489	7.00		4.50	0.92	6.30
19	29,885					
20	24,768					
21	35,849					
22	26,898					
23	15,498					
24	35,989					
25	19,848					6.10
26	28,855					
27	24,545					
28	26,585					
29	24,554					
30	35,885					
31						
Avg.	27,942	7.00		9.18	2.13	6.33
Max.	35,989	7.00		13.85	3.33	6.70
Min.	15,498	7.00		4.50	0.92	6.10

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - May-97

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	28,956					
2	29,945					
3	31,156					
4	30,251					
5	30,687					
6	33,547					
7	25,998	9.00		2.15	0.47	6.80
8	24,988					
9	30,598					
10	33,325					
11	40,025					
12	19,926					
13	30,057					
14	28,977					6.90
15	33,561					
16	29,987					
17	30,546					
18	33,487					
19	35,120					
20	30,558					
21	40,125	8.00		3.37	1.13	6.70
22	30,056					
23	27,780					
24	38,741					
25	29,081					
26	34,145					
27	18,846					
28	23,698					6.20
29	19,782					
30	30,005					
31	23,365					
Avg.	29,914	8.50		2.76	0.80	6.65
Max.	40,125	9.00		3.37	1.13	6.90
Min.	18,846	8.00		2.15	0.47	6.20

Table No. 2-3 **FACIILITY DISCHARGE MONITORING RECORD**

KMCC-FPD Facility - Columbus, MS
Month/Year - Apr-97 (Page 1 of 1)

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	27,789					
2	30,258	14.00		17.3	4.37	6.20
3	29,945					
4	22,465					
5	30,255					
6	29,987					
7	20,178					
8	26,671					
9	25,541					6.70
10	21,694					
11	31,256					
12	30,925					
13	25,618					
14	25,498					
15	23,111					
16	20,414	8.00		2.35	0.40	6.10
17	25,651					
18	27,892					
19	24,966					
20	30,589					
21	20,148					
22	19,581					
23	26,986	7.00		36.45	8.20	6.30
24	24,985					
25	38,862					
26	20,155					
27	20,004					
28	26,651					
29	25,044					
30	24,256					6.50
31						
Avg.	25,913	9.67		18.70	4.32	6.36
Max.	38,862	14.00		36.45	8.20	6.70
Min.	19,581	7.00		2.35	0.40	6.10

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Mar-97

		O&G		PHENOLS		pH
Permit Requirement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
Unit of Measurement						
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	28,856					
2	31,256					
3	21,005					
4	25,487					6.50
5	26,502					
6	22,009					
7	23,349					
8	19,467					
9	22,562					
10	24,565					
11	20,145					
12	22,056	8.00		4.50	0.83	6.40
13	35,045					
14	35,166					
15	26,856					
16	24,865					
17	20,015					
18	26,459					6.20
19	34,006					
20	19,845					
21	18,745	20.00		22.30	3.49	6.10
22	25,540					
23	19,996					
24	20,455					
25	26,647					
26	21,445	12.00		5.10	0.91	6.70
27	29,854					
28	22,497					
29	27,791					
30	24,574					
31	20,104	9.00		11.10	1.86	6.40
Avg.	24,747	12.25		10.75	1.77	6.38
Max.	35,166	20.00		22.30	3.49	6.70
Min.	18,745	8.00		4.50	0.83	6.10

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Feb-97

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	35,126					
2	25,621					
3	33,262					
4	22,476					
5	20,651					6.30
6	21,159					
7	25,501					
8	30,549					
9	29,461					
10	22,562					
11	23,798					
12	26,678	13.00		13.95	3.10	6.50
13	30,005					
14	30,658					
15	26,649					
16	27,796					
17	26,498					
18	29,948					
19	22,116					6.70
20	26,548					
21	23,162					
22	31,264					
23	23,369					
24	36,601					
25	28,846					
26	29,946	10.00		6.70	1.67	6.50
27	20,007					
28	30,698					
29						
30						
31						
Avg.	27,177	11.50		10.33	2.39	6.50
Max.	36,601	13.00		13.95	3.10	6.70
Min.	20,007	10.00		6.70	1.67	6.30

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Jan-97

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	39,125					
2	29,874					
3	25,654					
4	25,874					
5	22,699					
6	33,656					
7	35,987					
8	36,258					6.60
9	31,254					
10	32,698					
11	40,154					
12	40,958					
13	30,056					
14	32,549					
15	30,267	9.00		6.15	1.55	6.50
16	33,256					
17	30,214					
18	28,989					
19	29,958					
20	24,578					
21	20,036					
22	30,059					6.20
23	36,622					
24	34,501					
25	32,951					
26	33,627					
27	35,798					
28	35,658					
29	33,654	10.00		0.85	0.24	6.60
30	25,589					
31	24,541					
Avg.	31,519	9.50		3.50	0.90	6.48
Max.	40,958	10.00		6.15	1.55	6.60
Min.	20,036	9.00		0.85	0.24	6.20

PERMITTEE NAME/ADDRESS (Include Facility Name/ Location if Different) Lowndes

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY KERR-MCGEE (COLUMBUS)

LOCATION COLUMBUS MS 39701

ATTN: ~~ANTHONY N BELLS~~ R.P. Murphey PLANT MANAGER

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

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MSP090021	001 A

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	97	12	01	TO	97	12	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PRETREATED PROCESS WW & BOILER
(SUBR NC) 12345
F - FINAL
MINOR

*** NO DISCHARGE [ ] ***

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

1997

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		6.3	******	6.5	(12)	0	1/7	GRAB
	PERMIT REQUIREMENT	******	******	****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH) TOT, RC 00560 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	6.0	7.0	(19)	0	2/31	GRAB
	PERMIT REQUIREMENT	******	******	****	******	REPORT MO AVG	55 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS 46000 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2.04	2.25	(26)	******	9.98	10.90	(19)	0	2/31	GRAB
	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.035	(03)	******	******	******		0	7/7	CONTIN
	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R.P. MURPHEY / PLT. MGR

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.)*

R.P. Murphey

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
601	328-7551	98	01	27
AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS (Include Facility Name/ Location if Different)
NAME KERR-MCGEE (COLUMBUS)
ADDRESS P O BOX 906
COLUMBUS MS 39703

~~Oktibbeha~~ Lowndes

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

MSP090021	003 A
PERMIT NUMBER	DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

PRETREATED PROCESS WW & BOILER
(SUBR NC) 12345
F - FINAL
MINOR

FACILITY KERR-MCGEE (COLUMBUS)
LOCATION COLUMBUS MS 39701
ATTN: ANTHONY N HELMS PLANT MANAGER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	97	11	01	TO	97	11	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE | -- | ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	QUANTITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.2	******	6.7	(12)	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	** ** ** ***	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH) TOT,RC	SAMPLE MEASUREMENT	******	******		******	7.5	8.0	(19)	0	2/30	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	** ** ** ***	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	6.34	8.95	(26)	******	29.98	40.45	(19)	0	2/30	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.031	(03)	******	******	******		0	7/7	CONT
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
D.O. YARBROUGH / PROD. SUPT.
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.)*

D.O. Yarbrough
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
601	3287551	97	12	24
AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)* LOWNDES

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY KERR-MCGEE (COLUMBUS)

LOCATION COLUMBUS MS 39701

ATTN: ANTHONY N HELMS PLANT MANAGER

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

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MSP090021	001 A

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	97	10	01	TO	97	10	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PRETREATED PROCESS WASTEWATER (SUBR NC) F - FINAL MINCE

*** NO DISCHARGE |__| ***

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

12345

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	QUANTITY OR LOADING (54-61) MAXIMUM	UNITS	QUANTITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	QUANTITY OR CONCENTRATION (46-53) AVERAGE	QUANTITY OR CONCENTRATION (54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.04	******	6.70	(12)	0	1/7	GRAB
00400 1 0 0	PERMIT REQUIREMENT	******	******	** ** * ***	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH) TOT,RC	SAMPLE MEASUREMENT	******	******		******	6.5	7.0	(19)	0	2/31	GRAB
560 1 0 0	PERMIT REQUIREMENT	******	******	** ** * ***	******	BRCHI MC AVG	55 MC MAX	MG/I		TWICE/MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	3.82	5.77	(26)	******	20.03	27.50	(19)	0	2/31	GRAB
46000 1 0 0	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MC AVG	78 MC MAX	MG/I		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.033	(03)	******	******	******		0	7/7	CONT.
50050 1 0 0	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R.P. MURPHEY / PLT. MGR.

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.)*

R P Murphy

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	TELEPHONE NUMBER	DATE YEAR	DATE MO	DATE DAY
601	3287551	97	11	21

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)* Lowndes

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P C BOX 906
COLUMBUS MS 39703

FACILITY KERR-MCGEE (COLUMBUS)

LOCATION COLUMBUS MS 39701

ATTN: ANTHONY N HELMS PLANT MANAGER

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

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MS P090 C21	001 A

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	97	09	01	TO	97	09	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PRETREATED PROCESS WW & FCILFF
(SUBF NC) 12345
F - FINAL
MINCE

*** NO DISCHARGE | | ***

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	QUANTITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.3	******	6.7	(12)	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	******	******	** ** * ***	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH) TOT,RC	SAMPLE MEASUREMENT	******	******		******	7	7	(19)	0	2/30	GRAB
5560 1 0 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	******	******	** ** * ***	******	REPORT MC AVG	59 MC MAX	MG/L		TWICE/ MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	2.84	2.94	(26)	******	16.54	17.55	(19)	0	2/30	GRAB
46000 1 0 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	32.6 MC AVG	48.8 MC MAX	LBS/D	******	52 MC AVG	78 MC MAX	MG/L		TWICE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.034	(03)	******	******	******		0	7/7	CONT.
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
R.P. MURPHEY / PLT. MGR.	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.)*	R.P. Murphey	601	328-7551	97	10	22
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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

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

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY KERR-MCGEE (COLUMBUS)
LOCATION COLUMBUS MS 39701
ATTN: ANTHONY WHEELER PLANT MANAGER

Lowndes

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

Form Approved. OMB No. 2040-00. Approval expires 05-

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MSP09 021	001 A

PRETREATED PROCESS WW & LCL (SUBR NC) F - FINAL MINOR

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	97	08	01	TO	97	08	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	QUANTITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		6.3	******	6.8	(12)	0	1/7	GRAB
	PERMIT REQUIREMENT	******	******	** ** ***	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH) TOT, RC 00560 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	8.0	9.0	(19)	0	2/31	GRAB
	PERMIT REQUIREMENT	******	******	** ** ***	******	REPORT MO AVG	15 MO MAX	MG/L		TWICE/ MONTH	GRAB
PHENOLS 46000 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2.83	4.59	(26)	******	18.0	30.30	(19)	0	2/31	GRAB
	PERMIT REQUIREMENT	32.5 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.033	(03)	******	******	******		0	7/7	CONT.
	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R.P. MURPHEY / PLT. MGR

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.)

R.P. Murphey

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
601	328-7551	97	9	24
AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*

NAME KERR-MCGEE (COLUMBUS) Lowndes

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY KERR-MCGEE (COLUMBUS)

LOCATION COLUMBUS MS 39701

ATTN: ANTHONY N HELMS PLANT MANAGER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*

DISCHARGE MONITORING REPORT *(DMR)*

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MSP090 C21	001 A

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	97	07	01	TO	97	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PRETREATED PROCESS WW & FOUTER (SUBC NC) F - FINAL MINOR

*** NO DISCHARGE | | ***

Form Approved. OMB No. 2040-0004 Approval expires 05-31-98.

12345

MRB

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.3	******	6.6	(12)	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	******	******	** ** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH) TOT, RC	SAMPLE MEASUREMENT	******	******		******	7.33	9.0	(19)	0	3/31	GRAB
00560 1 0 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	******	******	** ** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	3.60	6.14	(26)	******	14.70	24.15	(19)	0	3/31	GRAB
46000 1 0 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	32.0 MO AVG	48.0 MO MAX	LBS/D	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.036	(03)	******	******	******		0	7/7	CONT
50050 1 0 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTI
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

RPMURPHEY / PLT. MGR

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.)*

R. P. Murphy

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
601	328-7537	97	08	25

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*

NAME KERR-MCGEE (COLUMBUS) Lowndes

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY KERR-MCGEE (COLUMBUS)

LOCATION COLUMBUS MS 39701

ATTN: ANTHONY N HELMS PLANT MANAGER

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

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MSP090021	001 A

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	97	06	01	TO	97	06	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

PRETREATED PROCESS WASTEWATER
(SUBC NC) 12345
F - FINAL
MINOR

*** NO DISCHARGE [ ] ***

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) QUANTITY OR CONCENTRATION (46-53) MINIMUM	(54-61) AVERAGE	MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.1	******	6.7	(12)	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH) TOT,RC	SAMPLE MEASUREMENT	******	******		******	7	7	(19)	0	2/30	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	2.13	3.33	(26)	******	9.18	13.85	(19)	0	2/30	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.036	(03)	******	******	******		0	7/7	CONTIN.
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R.P. MURPHEY / PLT MGR.

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.)*

R.P. Murphy

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
601	3287551	97	07	21

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)* Lowndes

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY KERR-MCGEE (COLUMBUS)

LOCATION COLUMBUS MS 39701

ATTN: ANTHONY N HELMS PLANT MANAGER

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

MS0090021 — PERMIT NUMBER

001 A — DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	97	05	01	TO	97	05	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

PRETREATED PROCESS WW & BUILDING
(SUBB NC) 12345
F - FINAL
MINOR

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		QUANTITY OR LOADING *(3 Card Only)* *(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	QUANTITY OR CONCENTRATION *(4 Card Only)* *(38-45)* MINIMUM	*(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
PH	SAMPLE MEASUREMENT	******	******		6.2	******	6.9	(12)	0	1/7	GRAB
00400 1 0 0	PERMIT REQUIREMENT	******	******	** ** * ***	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON	SAMPLE MEASUREMENT	******	******		******	8.5	9	(19)	0	2/31	GRAB
EXTR.-IR METH) TOT, RC	PERMIT REQUIREMENT	******	******	** ** * ***	******	8 RIGHT MO AVG	59 MO MAX	MG/L		TWICE/MONTH	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE											
PHENOLS	SAMPLE MEASUREMENT	0.80	1.13	(26)	******	2.76	3.37	(19)	0	2/31	GRAB
46000 1 0 0	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE											
FLOW, IN CONDUIT OR	SAMPLE MEASUREMENT	******	0.040	(03)	******	******	******		0	7/7	CONT.
THRU TREATMENT PLANT	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
50050 1 0 0 EFFLUENT GROSS VALUE											
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R.P. MURPHEY / PLT. MGR.

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.)*

R.P. Murphey

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
601	328-7551	97	06	20
AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)* Lowndes

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY KERR-MCGEE (COLUMBUS)

LOCATION COLUMBUS MS 39701

ATTN: ANTHONY N HELMS PLANT MANAGER

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

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MSP090021	001 A

PRETREATED PROCESS WASTEWATER
(SUBR NC) 12345
F - FINAL
MINOR

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	97	04	01	TO	97	04	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	QUANTITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.1	******	6.7	(12)	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH) TOT, RC	SAMPLE MEASUREMENT	******	******		******	9.67	14.0	(19)	0	2/30	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	4.32	8.20	(26)	******	18.70	36.45	(19)	0	2/30	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.039	(03)	******	******	******		0	7/7	CONT
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

MAY 21 1997 RECEIVED

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
R.P. MURPHEY / PLT. MGR.	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.)*	R. P. Murphey	601	328-7551	97	05	15
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)* Lowndes

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY KERR-MCGEE (COLUMBUS)

LOCATION COLUMBUS MS 39701

ATTN: ANTHONY N HELMS PLANT MANAGER

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

MSP0900021	001 A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	97	03	01	TO	97	03	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PRETREATED PROCESS WW & FACILITY
(SUBR NC) 12345
F - FINAL
MINOR

*** NO DISCHARGE | | ***

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		*(3 Card Only)* QUANTITY OR LOADING *(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	*(4 Card Only)* QUANTITY OR CONCENTRATION *(38-45)* MINIMUM	*(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
PH	SAMPLE MEASUREMENT	******	******		6.1	******	6.7	(12)	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	** ** * ***	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH) TOT,RC	SAMPLE MEASUREMENT	******	******		******	12.25	20.0	(19)	0	2/31	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	** ** * ***	******	PRECRT MO AVG	55 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	1.77	3.49	(26)	******	10.75	22.30	(19)	0	2/31	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.035	(03)	******	******	******		0	7/7	CONT
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R.P. MURPHEY / PLT. MGR.

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.)*

R.P. Murphy

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
601	328-7551	97	04	14
AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS (Include Facility Name/ Location if Different) Lowndes

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY KERR-MCGEE (COLUMBUS)

LOCATION COLUMBUS MS 39701

ATTN: ANTHONY N HELMS PLANT MANAGER

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

MS0090021	001 A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	97	02	01	TO	97	02	28
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

PRETREATED PROCESS WW TO ECTLER
(SUBR NC) 12345
F - FINAL
MINCR

MRB

*** NO DISCHARGE |__| ***

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) QUANTITY 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	******	******		6.3	******	6.7	(12)	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	** ** ***	5.0 MINIMUM	******	9.5 MAXIMUM	SU		DAILY	GRAB
OIL & GREASE (FREON EXTR.-IR METH) TOT,RC	SAMPLE MEASUREMENT	******	******		******	11.5	13	(19)	0	2/28	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	** ** ***	******	REPORT MO AVG	15 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	2.39	3.10	(26)	******	10.33	13.95	(19)	0	2/28	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.037	(03)	******	******	******		0	7/7	CONT
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

RP MURPHEY / PLT. MGR.

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.)*

R.P. Murphy

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
601	328-7557	97	03	25
AREA CODE	NUMBER	YEAR	MO	DAY

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

Lowndes

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY KERR-MCGEE (COLUMBUS)

LOCATION COLUMBUS MS 39701

ATTN: ANTHONY N HELMS PLANT MANAGER

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

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MSP090021	001 A

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	97	01	01	TO	97	01	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

PRETREATED PROCESS WW & FACILITY
(SUBC NC) 12345
F - FINAL
MINOR

*** NO DISCHARGE | -- | ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	QUANTITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.2	******	6.6	(12)	Ø	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	** ** * ***	5.0 MINIMUM	******	5.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH) TOT,RC	SAMPLE MEASUREMENT	******	******		******	9.5	10	(19)	Ø	2/31	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	** ** * ***	******	REPORT MC AVG	59 MC MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	0.9	1.55	(26)	******	3.5	6.15	(19)	Ø	2/31	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MC AVG	78 MC MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.041	(03)	******	******	******		Ø	7/7	CONT
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R.P. MURPHY / PLT. MGR.

TYPED OR PRINTED

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R.P. Murphy

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
601	328 7551	97	02	19

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*
NAME KERR-MCGEE (COLUMBUS)
ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY KERR-MCGEE (COLUMBUS)
LOCATION COLUMBUS MS 39701
ATTN: ~~ANTHONY N HELMS~~ R.P. Murphey PLANT MANAGER

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

PERMIT NUMBER	DISCHARGE NUMBER
MSP090021	001 Y

PROCESS WASTEWATER
(SUBR BC)
F - FINAL
MINCR

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98
12345

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	97	01	01	TO	97	12	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		QUANTITY OR LOADING *(3 Card Only)* *(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	QUANTITY OR CONCENTRATION *(4 Card Only)* *(38-45)* MINIMUM	*(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT	******	0.00069	(26)	******	0.0025	0.0030	(19)	0	2/365	COMP
	PERMIT REQUIREMENT	******	1.48 ANNL MAX	LBS/DY	******	REPORT ANNL AVG	2.36 ANNL MAX	MG/L		SEMI-ANNUAL	COMPOS
CHROMIUM, TOTAL (AS CR) 01034 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT	******	0.00922	(26)	******	<0.04	<0.04	(19)	0	2/365	COMP
	PERMIT REQUIREMENT	******	1.48 ANNL MAX	LBS/DY	******	REPORT ANNL AVG	2.36 ANNL MAX	MG/L		SEMI-ANNUAL	COMPOS
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT	******	0.02165	(26)	******	0.07	0.11	(19)	0	2/365	COMP
	PERMIT REQUIREMENT	******	1.85 ANNL MAX	LBS/DY	******	REPORT ANNL AVG	2.55 ANNL MAX	MG/L		SEMI-ANNUAL	COMPOS
PENTACHLOROPHENOL 39032 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT	0.0015	0.00161	(26)	******	<0.007	<0.007	(19)	0	2/365	COMP
	PERMIT REQUIREMENT	.744 ANNL AVG	1.12 ANNL MAX	LBS/DY	******	1.19 ANNL AVG	1.79 ANNL MAX	MG/L		SEMI-ANNUAL	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
RPMURPHEY / PLT. MGR
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.)*

RP Murphey
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
601	3287551	98	01	27

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
COMPOSITE SAMPLES SHOULD CONSIST OF MANUAL GRAB SAMPLES OF EQUAL ALIQUOT VOLUMES TAKEN EVERY FOUR HOURS FOR THE DURATION OF THE DISCHARGE DURING THE 24-HOUR PERIOD.

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Dec-96

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX
DATE	**FLOW**	**mg/1**	**lbs.**	**mg/1**	**lbs.**	**SU**
1	40,125					
2	28,899					
3	33,251					
4	26,987					7.00
5	33,147					
6	52,249					
7	34,458					
8	41,225					
9	33,699					
10	36,521					
11	35,078	8.00		6.00	1.76	6.40
12	30,125					
13	32,945					
14	29,978					
15	28,469					
16	30,123					
17	30,892					
18	33,625	8.00		2.35	0.66	6.30
19	33,948					
20	29,977					
21	40,002					
22	38,966					
23	30,256					
24	31,658					
25	32,662					
26	30,779					6.30
27	45,004					
28	29,989					
29	35,621					
30	34,415					
31	29,998	7.00		11.35	2.84	6.30
Avg.	**34,035**	**7.67**		**6.57**	**1.75**	**6.46**
Max.	**52,249**	**8.00**		**11.35**	**2.84**	**7.00**
Min.	**26,987**	**7.00**		**2.35**	**0.66**	**6.30**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Nov-96

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX
DATE	**FLOW**	**mg/1**	**lbs.**	**mg/1**	**lbs.**	**SU**
1	48,963					
2	39,952					
3	38,651					
4	41,250					
5	40,123					
6	38,856					6.30
7	39,648					
8	33,784					
9	35,621					
10	39,955					
11	42,158					
12	41,652					
13	40,652	8.00		0.90	0.31	6.70
14	37,748					
15	30,956					
16	29,944					
17	21,158					
18	26,497					
19	39,482					
20	33,654					6.20
21	44,629					
22	40,125					
23	26,649					
24	29,871					
25	33,264					
26	28,950					
27	50,002	7.00		7.50	3.13	6.30
28	40,198					
29	33,566					
30	25,546					
31						
Avg.	**36,450**	**7.50**		**4.20**	**1.72**	**6.38**
Max.	**50,002**	**8.00**		**7.50**	**3.13**	**6.70**
Min.	**21,158**	**7.00**		**0.90**	**0.31**	**6.20**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Oct-96

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX
DATE	**FLOW**	**mg/1**	**lbs.**	**mg/1**	**lbs.**	**SU**
1	55,123					
2	39,945	9.00		1.85	0.62	6.30
3	45,236					
4	44,362					
5	41,285					
6	39,625					
7	31,279					
8	33,567					
9	33,265					6.70
10	34,516					
11	50,154					
12	45,963					
13	42,519					
14	46,123					
15	47,156					
16	39,992					6.30
17	35,456					
18	32,687					
19	40,012					
20	42,516					
21	31,297					
22	42,222					
23	36,491	7.00		0.28	0.08	6.50
24	39,152					
25	36,627					
26	41,120					
27	29,954					
28	31,587					
29	30,060					
30	29,985					6.30
31	35,689					
Avg.	**38,870**	**8.00**		**1.06**	**0.35**	**6.42**
Max.	**55,123**	**9.00**		**1.85**	**0.62**	**6.70**
Min.	**29,954**	**7.00**		**0.28**	**0.08**	**6.30**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Sep-96

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX
DATE	**FLOW**	**mg/1**	**lbs.**	**mg/1**	**lbs.**	**SU**
1	40,196					
2	29,965					
3	38,254					
4	26,958	9.00		2.37	0.53	6.20
5	36,254					
6	33,211					
7	29,877					
8	26,854					
9	29,723					
10	33,659					
11	34,951					6.50
12	36,254					
13	33,548					
14	35,645					
15	45,266					
16	35,999					
17	26,564					
18	36,469	9.00		1.83	0.56	6.60
19	39,914					
20	46,558					
21	26,654					
22	51,251					
23	39,622					
24	33,624					
25	29,985					6.10
26	22,125					
27	36,958					
28	48,812					
29	36,599					
30	41,220					
31						
Avg.	**35,432**	**9.00**		**2.10**	**0.54**	**6.35**
Max.	**51,251**	**9.00**		**2.37**	**0.56**	**6.60**
Min.	**22,125**	**9.00**		**1.83**	**0.53**	**6.10**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Aug-96

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX
DATE	**FLOW**	**mg/1**	**lbs.**	**mg/1**	**lbs.**	**SU**
1	42,185					
2	43,162					
3	39,561					
4	38,125					
5	44,222					
6	56,189					
7	26,578	8.00		0.68	0.15	6.60
8	41,138					
9	18,996					
10	48,125					
11	45,267					
12	39,456					
13	37,751					
14	35,492					6.20
15	46,879					
16	42,513					
17	48,961					
18	47,582					
19	33,360					
20	60,024					
21	33,359	9.00		1.25	0.35	6.50
22	45,784					
23	42,251					
24	42,016					
25	40,029					
26	38,860					
27	39,112					
28	38,856					6.80
29	32,461					
30	37,925					
31	39,964					
Avg.	**40,845**	**8.50**		**0.96**	**0.25**	**6.53**
Max.	**60,024**	**9.00**		**1.25**	**0.35**	**6.80**
Min.	**18,996**	**8.00**		**0.68**	**0.15**	**6.20**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Jul-96

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX
DATE	**FLOW**	**mg/1**	**lbs.**	**mg/1**	**lbs.**	**SU**
1	43,259					
2	38,625					
3	41,569	8.00		1.55	0.54	6.20
4	26,871					
5	33,698					
6	45,997					
7	51,224					
8	43,066					
9	48,764					
10	29,862					
11	33,564					
12	41,110					6.20
13	36,595					
14	33,881					
15	55,995					
16	54,267					
17	42,515	12.00		1.30	0.46	6.20
18	45,111					
19	60,012					
20	33,789					
21	32,654					
22	32,157					
23	36,259					
24	35,628					6.30
25	33,779					
26	46,128					
27	40,028					
28	39,956					
29	28,449					
30	33,659					
31	29,914					6.70
Avg.	**39,625**	**10.00**		**1.43**	**0.50**	**6.32**
Max.	**60,012**	**12.00**		**1.55**	**0.54**	**6.70**
Min.	**26,871**	**8.00**		**1.30**	**0.46**	**6.20**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - Jun-96

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX
DATE	**FLOW**	**mg/1**	**lbs.**	**mg/1**	**lbs.**	**SU**
1	43,694					
2	39,723					
3	38,844					
4	65,442					
5	66,984	8.00		1.10	0.61	6.00
6	63,190					
7	55,871					
8	42,044					
9	30,000					
10	65,027					
11	45,456					
12	44,330					6.30
13	44,330					
14	38,020					
15	36,970					
16	40,120					
17	39,410					
18	45,040					
19	45,050	9.00		1.15	0.43	6.30
20	44,477					
21	39,784					
22	48,127					
23	41,298					
24	53,485					
25	32,654					
26	40,255					6.60
27	34,625					
28	38,962					
29	38,421					
30	33,268					
31						
Avg.	**44,497**	**8.50**		**1.13**	**0.52**	**6.30**
Max.	**66,984**	**9.00**		**1.15**	**0.61**	**6.60**
Min.	**30,000**	**8.00**		**1.10**	**0.43**	**6.00**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - May-96

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX
DATE	**FLOW**	**mg/1**	**lbs.**	**mg/1**	**lbs.**	**SU**
1	39,963	8.00		1.85	0.62	6.10
2	42,507					
3	40,818					
4	36,120					
5	37,172					
6	35,930					
7	41,944					
8	37,721	8.00		3.45	1.09	6.10
9	47,574					
10	39,973					
11	38,872					
12	34,790					
13	36,405					
14	36,983					
15	39,971					6.50
16	40,126					
17	44,040					
18	40,333					
19	48,226					
20	43,950					
21	44,734					
22	28,150	6.00		1.25	0.29	6.00
23	58,271					
24	46,983					
25	54,622					
26	58,965					
27	53,721					
28	56,512					
29	56,300					6.00
30	51,796					
31	62,775					
Avg.	**44,395**	**7.33**		**2.18**	**0.67**	**6.14**
Max.	**62,775**	**8.00**		**3.45**	**1.09**	**6.50**
Min.	**28,150**	**6.00**		**1.25**	**0.29**	**6.00**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - APRIL 1996

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	35,751					
2	38,284					
3	40,818	21.00		5.15	1.75	6.30
4	43,787					
5	51,979					
6	60,120					
7	48,640					
8	44,883					
9	66,421					
10	55,040					6.40
11	46,877					
12	33,972					
13	30,881					
14	27,479					
15	48,418					
16	54,611					
17	65,690	8.00		3.95	2.16	6.10
18	70,122					
19	71,332					
20	69,980					
21	63,784					
22	67,279					
23	58,552					
24	39,410					6.10
25	44,759					
26	46,905					
27	28,991					
28	29,667					
29	48,418					
30	36,973					
31						
Avg.	48,994	14.50		4.55	1.96	6.23
Max.	71,332	21.00		5.15	2.16	6.40
Min.	27,479	8.00		3.95	1.75	6.10

Table No. 2-3 **FACIILITY DISCHARGE MONITORING RECORD**

KMCC-FPD Facility - Columbus, MS
Month/Year - MARCH 1996 (Page 1 of 1)

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	**FLOW**	**mg/1**	**lbs.**	**mg/1**	**lbs.**	**SU**
1	38,963					
2	41,127					
3	50,155					
4	49,966					
5	50,333					
6	68,836	9.00		3.80	2.18	6.30
7	54,320					
8	38,546					
9	41,120					
10	37,633					
11	48,520					
12	44,363					
13	50,140					6.30
14	40,877					
15	37,637					
16	38,855					
17	41,110					
18	42,331					
19	39,971	46.00		2.58	0.86	6.60
20	38,852	6.00		5.18	1.68	6.60
21	39,840					
22	55,696					
23	62,320					
24	61,177					
25	65,500					
26	38,970					
27	39,954					6.40
28	40,900					
29	62,320					
30	46,327					
31	46,327					
Avg.	**46,871**	**20.33**		**3.85**	**1.57**	**6.44**
Max.	**68,836**	**46.00**		**5.18**	**2.18**	**6.60**
Min.	**37,633**	**6.00**		**2.58**	**0.86**	**6.30**

Table No. 2-3 **FACIILITY DISCHARGE MONITORING RECORD**

KMCC-FPD Facility - Columbus, MS
Month/Year - FEBRUARY 1996 (Page 1 of 1)

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	**FLOW**	**mg/1**	**lbs.**	**mg/1**	**lbs.**	**SU**
1	31,692					
2	63,995					
3	65,871					
4	70,123					
5	68,822					
6	47,877					
7	67,265	9.00		7.46	4.18	6.20
8	69,236					
9	58,961					
10	59,933					
11	61,076					
12	62,933					
13	68,822					
14	38,962					6.40
15	37,721					
16	48,960					
17	45,644					
18	53,696					
19	58,881					
20	61,033					
21	40,004	9.00		6.99	2.33	6.40
22	46,122					
23	45,877					
24	39,970					
25	41,663					
26	39,998					
27	36,430					
28	41,872					6.30
29	44,160					
30						
31						
Avg.	**52,331**	**9.00**		**7.23**	**3.26**	**6.33**
Max.	**70,123**	**9.00**		**7.46**	**4.18**	**6.40**
Min.	**31,692**	**9.00**		**6.99**	**2.33**	**6.20**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - JANUARY 1996

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	28,150					
2	61,930					
3	64,745					6.40
4	59,397					
5	68,870					
6	72,120					
7	73,513					
8	52,641					
9	70,657					
10	65,871					
11	70,657	7.00		9.69	5.71	6.30
12	71,380					
13	73,710					
14	70,821					
15	74,035					
16	72,121					
17	71,050					6.10
18	73,303					
19	70,122					
20	69,963					
21	69,351					
22	49,544					
23	65,871					
24	51,233	14.00		12.19	5.21	6.20
25	58,670					
26	70,172					
27	59,960					
28	61,172					
29	68,851					
30	69,973					
31	70,122					6.10
Avg.	**65,483**	**10.50**		**10.94**	**5.46**	**6.22**
Max.	**74,035**	**14.00**		**12.19**	**5.71**	**6.40**
Min.	**28,150**	**7.00**		**9.69**	**5.21**	**6.10**

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*

NAME KERR-MCGEE COLUMBUS Lowndes

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY

LOCATION

ATTN ANTHONY N HELMS PLANT MANAGER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*

DISCHARGE MONITORING REPORT *(DMR)*

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MSP090021	001 A

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	12	01	TO	96	12	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

PRETREATED PROCESS WW & MOBILE
SUBR NO 12345
F - FINAL
MINOR

1996

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.3	******	7.0	12	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE FREON EXTR.-IR METH TOT,RC 00560 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	7.67	8.0	19	0	2/31	GRAB
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS 46000 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1.75	2.84	26	******	6.57	11.35	19	0	2/31	GRAB
	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.052	03	******	******	******		0	7/7	CONT
	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

RPMURPHY / PLT MGR

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.)*

R P Murphy

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
601	328-7551	97	01	23
AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)* Lowndes

NAME KERR-MCGEE COLUMBUS

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY

LOCATION

ATTN ANTHONY N HELMS PLANT MANAGER

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

(2-16)	*(17-19)*
MSP090021	001 A
PERMIT NUMBER	DISCHARGE NUMBER

PRETREATED PROCESS WA & MAIL
SUBR NO 12345
F - FINAL
MINOR

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	11	01	TO	96	11	30
	(20-21)	*(22-23)*	*(24-25)*		*(26-27)*	*(28-29)*	*(30-31)*

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		*(3 Card Only)* QUANTITY OR LOADING *(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	*(4 Card Only)* QUANTITY OR CONCENTRATION *(38-45)* MINIMUM	*(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
PH	SAMPLE MEASUREMENT	******	******		6.2	******	6.7	12	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	******	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE FREON EXTR.-IR METH TOT,RC	SAMPLE MEASUREMENT	******	******		******	7.5	8.0	19	0	2/30	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	******	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	1.72	3.13	26	******	4.20	7.50	19	0	2/30	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	43.8 MO MAX	LBS/DY	******	52 MO AVG	71 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.050	03	******	******	******		0	7/7	CONTIN
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	******		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R.P. MURPHEY / PLT. MGR.

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.)*

R. P. Murphey

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
601	328-7551	96	12	18
AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*

NAME KERR-MCGEE COLUMBUS

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY

LOCATION

ATTN ANTHONY N HELMS PLANT MANAGER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*

DISCHARGE MONITORING REPORT *(DMR)*

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MSP090021	001 A

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	10	01	TO	96	10	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PRETREATED PROCESS WW & BOILER
SUBR NO 12345
F - FINAL
MINOR

*** NO DISCHARGE ***

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	QUANTITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.3	******	6.7	12	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE FREON EXTR.-IR METH TOT,RC	SAMPLE MEASUREMENT	******	******		******	8	9	19	0	2/31	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	0.35	0.62	26	******	1.06	1.85	19	0	2/31	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******		03	******	******	******		0	7/7	CONT
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R.P. MURPHEY / PLT. MGR.

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.)*

R.P. Murphey

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
601	328-7551	96	10	15

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)* Lowndes

NAME KERR-MCGEE COLUMBUS

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY

LOCATION

ATTN ANTHONY N HELMS PLANT MANAGER

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

PERMIT NUMBER *(2-16)*	DISCHARGE NUMBER *(17-19)*
MSP090121	001 A

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	10	01	TO	96	10	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

Form Approved.
OMB No. 2040-0004,
Approval expires 05-31-98

PRETREATED PROCESS
SUBR NO
F - FINAL
MINOR
*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		QUANTITY OR LOADING *(3 Card Only)* *(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	QUANTITY OR CONCENTRATION *(4 Card Only)* *(38-45)* MINIMUM	*(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
PH	SAMPLE MEASUREMENT	******	******		6.3	******	6.7	12	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****		******		SU			
OIL & GREASE FREON EXTR.-IR METH TOT.RC	SAMPLE MEASUREMENT	******	******		******	8	9	19	0	2/31	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****		******	15.0 MO AVG	MG/L			
PHENOLS	SAMPLE MEASUREMENT	0.35	0.62	26	******	1.06	1.75	19	0	2/31	GRAB
34000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	2.0 MO AVG	4.0 MO MAX	LBS/DY	******	2.0 MO AVG	4.0 MO MAX	MG/L			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.055 MGD	03	******	******	******		0	7/7	CONT
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
R.P. MURPHEY / PLT. MGR.	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.)*	R.P. Murphey	601	328-7551	96	10	15
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*

NAME KERR-MCGEE COLUMBUS Lowndes

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY

LOCATION

ATTN ANTHONY N HELMS PLANT MANAGER

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

PERMIT NUMBER	DISCHARGE NUMBER
MSP090021	001 A

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	09	01	TO	96	09	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

PRETREATED PROCESS, AW & BOILER
SUBR NO 12345
F - FINAL
MINOR

*** NO DISCHARGE ***

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)* QUANTITY 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	******	******		6.10	******	6.60	12	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
& GREASE FREON R.-IR METH TOT,RC	SAMPLE MEASUREMENT	******	******		******	9.0	9.0	19	0	2/30	GR
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/ MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	0.54	0.56	26	******	2.10	2.37	19	0	2/30	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.051	03	******	******	******		0	7/7	CONT.
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
R.P. MURPHEY / PLT. MGR.	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.)*	R.P. Murphey	601	328-7551	96	10	24
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS (Include Facility Name/ Location if Different)
NAME KERR-MCGEE COLUMBUS + Lowndes
ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY
LOCATION
ATTN ANTHONY M HELD PLANT MANAGER

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

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MSP090021	001 A

PRETREATED PROCESS WW & BOILER
SUBR NO 12345
F - FINAL
MINOR
MRB

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	08	01	TO	96	08	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

OCT 1996 Received OPC

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61) AVERAGE	MAXIMUM	UNITS	(4 Card Only) (38-45) QUANTITY 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	******	******		6.2	******	6.8	12	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE FREON EXTR.-IR METH TOT,RC	SAMPLE MEASUREMENT	******	******		******	8.5	9.0	19	0	2/31	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/ MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	0.25	0.35	26	******	0.96	1.25	19	0	2/31	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	60.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.060	03	******	******	******		0	7/7	CONT
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
R.P. MURPHY/ PLT. MGR.	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.)*	R P Murphy	601	328-7551	96	09	23
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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

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

NAME KERR MCGEE COLUMBUS

ADDRESS P O BOX 906
COLUMBUS MS 39703

Lowndes

FACILITY
LOCATION
ATTN ANTHONY N HELMS PLANT MANAGER

Received OPC AUG 1996

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

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MSP090021	001 A

PRETREATED PROCESS WW & SUMP
SUBR NO 12345
F - FINAL
MINOR

MRS

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	07	01	TO	96	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	QUANTITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		6.20	******	6.70	12	0	1/7	GRAB
	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE FREON EXTR.-IR METH TOT,RC 00560 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	10	12	19	0	2/31	GRAB
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS 34000 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.50	0.54	26	******	1.43	1.55	19	0	2/31	GRAB
	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.060	03	******	******	******		0	7/7	CONT.
	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R.P. MURPHY / PLT. MANAGER

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.)*

R.P. Murphy

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
601	328-7551	96	08	20
AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*

NAME KERR-MCGEE COLUMBUS

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY

LOCATION
ATTN ANTHONY N HELMS PLANT MANAGER

Lowndes

Received OPC JUL 1996

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

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

PRETREATED PROCESS WW & BOILER
SUBR NO 12345
NATIONAL
MINOR
*** NO DISCHARGE ***

MRB

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MSP090021	001 A

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	06	01	TO	96	06	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	QUANTITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.0	******	6.6	12	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE FREON EXTR.-IR METH TOT,RC	SAMPLE MEASUREMENT	******	******		******	8.5	9	19	0	2/30	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	0.52	0.61	26	******	1.13	1.15	19	0	2/30	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.067	03	******	******	******		0	30/30	CONT
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

D.O. YARBROUGH / ASS. PLT. MGR

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

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
601	328-7551	96	07	21

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

PERMITTEE NAME/ADDRESS (Include Facility Name/ Location if Different) Lowndes

NAME KERR-MCGEE COLUMBUS

ADDRESS P O BOX 986
COLUMBUS MS 39703

FACILITY

LOCATION

ATTN ANTHONY N HELMS PLANT MANAGER

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

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MSR090021	001 A

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

PRETREATED PROCESS WW & SUTLER
SUBR NO 12345
F - FINAL
MINOR

MRB

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	05	01	TO	96	05	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE ***

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) QUANTITY 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	******	******		6.0	******	6.5	12	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE FREON EXTR.-IR METH TOT,RC	SAMPLE MEASUREMENT	******	******		******	7.33	8.0	19	0	3/31	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/ MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	0.67	1.09	26	******	2.18	3.45	19	0	3/31	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	48.9 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.063	03	******	******	******		0	7/7	CONT
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
R.P. MURPHEY / PLT. MGR.	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.)*	R. P. Murphey	601	328-7551	96	06	11
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)* (OWNER)

NAME KERR-MCGEE COLUMBUS

ADDRESS P O BOX 90 COLUMBUS MS 39703

FACILITY

LOCATION ATTN ANTHONY HENSLEY PLANT MANAGER

MAY 1996 Received OPC

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*

DISCHARGE MONITORING REPORT *(DMR)*

(2-16) MSP090021 — PERMIT NUMBER

(17-19) 001 A — DISCHARGE NUMBER

Form Approved. OMB No. 2040-0004 Approval expires 05-31-98

PRETREATED PROCESS WW & DOMESTIC SUBR NO 12345

F - FINAL

MINOR

MRB

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	04	01	TO	96	04	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		*(3 Card Only)* QUANTITY OR LOADING *(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	*(4 Card Only)* QUANTITY OR CONCENTRATION *(38-45)* MINIMUM	*(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		6.1	******	6.4	12	0	1/7	GRAB
	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE FREON EXTR.-IR METH TOT,RC 00560 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	14.5	21	19	0	2/30	GRAB
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	29 MO MAX	MG/L		TWICE/ MONTH	GRAB
PHENOLS 46000 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1.96	2.16	26	******	4.55	5.15	19	0	2/30	GRAB
	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.071	03	******	******	******		0	7/7	CONT
	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R.P. MURPHEY / PLT. MGR.

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.)*

R.P. Murphey

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
601	328-7551	96	05	02
AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*

NAME KERR-MCGEE CHEMICAL CORPORATION

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY

LOCATION

ATTN ANTHONY N HOLMES PLANT MANAGER

Lowndes

APR 1996 Received OPC

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

PERMIT NUMBER *(2-16)*	DISCHARGE NUMBER *(17-19)*
MSP090021	001 A

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	03	01	TO	96	03	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

PRETREATED PROCESS WA & BUILER
SUBR NO 1234
F - FINAL
MINOR

MRB

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		QUANTITY OR LOADING *(3 Card Only) (46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	QUANTITY OR CONCENTRATION *(4 Card Only) (38-45)* MINIMUM	*(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
PH	SAMPLE MEASUREMENT	******	******		6.3	******	6.6	12	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE FREON EXTR.-IR METH TOT,RC	SAMPLE MEASUREMENT	******	******		******	20.33	46	19	0	2/31	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/ MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	1.57	2.18	26	******	3.85	5.18	19	0	2/31	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.069	03	******	******	******		0	7/7	CONT
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
R.P. MURPHY / PLT. MGR.	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.)*	R.P. Murphy	601	328-7551	96	03	18
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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

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

NAME KERR-MCGEE COLUMBUS Lowndes

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY

LOCATION

ATTN ANTHONY N HELMS PLANT MANAGER

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

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MSP090021	001 A

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	02	01	TO	96	02	29
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PRETREATED PROCESS WW & BOILER
SUBR NO 12345
F - FINAL
MINOR

*** NO DISCHARGE ***

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	QUANTITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.2	******	6.4	12	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE FREON EXTR.-IR METH TOT,RC	SAMPLE MEASUREMENT	******	******		******	9.00	9.00	19	0	2/29	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	3.26	4.18	26	******	7.23	7.46	19	0	2/29	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.070	03	******	******	******		0	7/7	CONT.
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

D.O. YARBROUGH / PROD. SUPT.

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.)*

D.O. Yarbrough

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
601	328-7551	96	03	14
AREA CODE	NUMBER	YEAR	MO	DAY

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

Columbus

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*

NAME KERR-MCGEE COLUMBUS

ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY

LOCATION

ATTN ANTHONY N HELMS PLANT MANAGER

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

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MSP090021	001 A

PRETREATED PROCESS WW & BOILER
SUBR NO 12345
F - FINAL
MINOR

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	01	01	TO	96	01	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	QUANTITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.1	******	6.4	12	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE FREON EXTR.-IR METH TOT,RC	SAMPLE MEASUREMENT	******	******		******	10.5	14.0	19	0	2/31	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/ MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	5.46	5.71	26	******	10.94	12.19	19	0	2/31	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.074	03	******	******	******		0	7/7	CONT.
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
D.O. YARBROUGH / PROD. SUPT.	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.)*	D.O. Yarbrough	601	328-7651	96	2	22
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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

EES S E 1996 RECEIVED

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*
NAME KERR-MCGEE COLUMBUS Lowndes
ADDRESS P O BOX 906
COLUMBUS MS 39703

FACILITY
LOCATION
ATTN ANTHONY N HELMS PLANT MANAGER

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

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
MSP090021	001 Y

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	01	01	TO	96	12	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PROCESS WASTEWATER
SUBR NO 12345
F - FINAL
MINOR

*** NO DISCHARGE ***

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) AVERAGE	QUANTITY OR LOADING (54-61) MAXIMUM	UNITS	(4 Card Only) (38-45) MINIMUM	QUANTITY OR CONCENTRATION (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
ARSENIC, TOTAL AS AS	SAMPLE MEASUREMENT	******	0.00056	26	******	<0.002	<0.002	19	0	2/365	Comp
01002 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	1.49 ANNL MAX	LBS/DY	******	REPORT ANNL AVG	2.36 ANNL MAX	MG/L		SEMI-ANNUAL	COMPOS
CHROMIUM, TOTAL AS CR	SAMPLE MEASUREMENT	******	0.0112	26	******	<0.04	<0.04	19	0	2/365	Comp
01034 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	1.49 ANNL MAX	LBS/DY	******	REPORT ANNL AVG	2.36 ANNL MAX	MG/L		SEMI-ANNUAL	COMPOS
COPPER, TOTAL AS CU	SAMPLE MEASUREMENT	******	0.0224	26	******	0.03	0.08	19	0	2/365	Comp
01042 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	1.85 ANNL MAX	LBS/DY	******	REPORT ANNL AVG	2.95 ANNL MAX	MG/L		SEMI-ANNUAL	COMPOS
PENTACHLOROPHENOL	SAMPLE MEASUREMENT	0.138	0.171	26	******	0.492	0.610	19	0	2/365	GRAB
39032 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	.744 ANNL AVG	1.12 ANNL MAX	LBS/DY	******	1.19 ANNL AVG	1.79 ANNL MAX	MG/L		SEMI-ANNUAL	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
RPMurphy / PLT MGR
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.)*

R P Murphy
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
601	328-7551	97	1	23
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
COMPOSITE SAMPLES SHOULD CONSIST OF MANUAL GRAB SAMPLES OF EQUAL ALIQUOT VOLUMES TAKEN EVERY FOUR HOURS FOR THE DURATION OF THE DISCHARGE DURING THE 24-HOUR PERIOD.

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - DECEMBER 1995

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	35,123					
2	30,167					
3	34,080					
4	29,558					
5	36,314					
6	37,158	7.00		8.29	2.57	6.60
7	24,491					
8	38,961					
9	35,120					
10	32,045					
11	26,180					
12	34,345					
13	54,893	9.00		6.22	2.85	6.30
14	31,247					
15	31,770					
16	32,820					
17	31,120					
18	60,241					
19	42,788					
20	44,477					6.30
21	35,174					
22	21,133					
23	26,800					
24	29,960					
25	18,335					
26	10,193					
27	44,196	7.00		9.94	3.66	6.80
28	40,255					
29	18,167					
30	21,352					
31	20,190					
Avg.	**32,537**	**7.67**		**8.15**	**3.03**	**6.50**
Max.	**60,241**	**9.00**		**9.94**	**3.66**	**6.80**
Min.	**10,193**	**7.00**		**6.22**	**2.57**	**6.30**

Table No. 2-3 **FACIILITY DISCHARGE MONITORING RECORD**

KMCC-FPD Facility - Columbus, MS
Month/Year - NOVEMBER 1995 (Page 1 of 1)

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	**FLOW**	**mg/1**	**lbs.**	**mg/1**	**lbs.**	**SU**
1	42,506	8.00		5.92	2.10	6.10
2	44,477					
3	35,993					
4	32,627					
5	29,624					
6	22,802					
7	34,625					
8	34,906	8.00		6.39	1.86	6.30
9	35,831					
10	33,695					
11	38,042					
12	30,117					
13	32,854					
14	34,112					
15	37,158					6.20
16	28,995					
17	30,177					
18	29,007					
19	28,081					
20	31,810					
21	33,499					
22	28,122	8.00		6.68	1.57	6.30
23	26,994					
24	30,127					
25	30,055					
26	32,771					
27	33,900					
28	30,001					
29	41,381					6.50
30	17,842					
31	12,560					
Avg.	**31,764**	**8.00**		**6.33**	**1.84**	**6.28**
Max.	**44,477**	**8.00**		**6.68**	**2.10**	**6.50**
Min.	**12,560**	**8.00**		**5.92**	**1.57**	**6.10**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - OCTOBER 1995

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	33,105					
2	32,963					
3	35,965					
4	40,122					6.40
5	30,873					
6	29,954					
7	38,841					
8	36,963					
9	32,822					
10	21,137					
11	20,972					6.40
12	31,853					
13	42,222					
14	38,800					
15	32,177					
16	38,853					
17	30,120					
18	29,901	7.00		8.85	2.21	6.40
19	20,300					
20	15,841					
21	16,664					
22	20,001					
23	27,306					
24	24,772					
25	32,091	8.00		9.77	2.61	6.20
26	34,062					
27	30,127					
28	33,826					
29	30,350					
30	26,743					
31	28,960					
Avg.	**30,280**	**7.50**		**9.31**	**2.41**	**6.35**
Max.	**42,222**	**8.00**		**9.77**	**2.61**	**6.40**
Min.	**15,841**	**7.00**		**8.85**	**2.21**	**6.20**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - SEPTEMBER 1995

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	28,897					
2	30,125					
3	30,376					
4	29,944					
5	20,112					
6	24,654	8.00		5.20	1.07	6.20
7	35,693					
8	34,322					
9	30,600					
10	27,730					
11	34,420					
12	33,347					
13	30,195					6.50
14	30,187					
15	40,124					
16	35,629					
17	28,172					
18	24,412					
19	23,365					
20	24,172	7.00		9.33	1.88	6.50
21	29,900					
22	38,340					
23	36,601					
24	23,325					
25	20,120					
26	34,426					
27	38,847					6.80
28	46,166					
29	32,174					
30	30,021					
31						
Avg.	**30,880**	**7.50**		**7.27**	**1.48**	**6.50**
Max.	**46,166**	**8.00**		**9.33**	**1.88**	**6.80**
Min.	**20,112**	**7.00**		**5.20**	**1.07**	**6.20**

Table No. 2-3 **FACIILITY DISCHARGE MONITORING RECORD**

KMCC-FPD Facility - Columbus, MS
Month/Year - AUGUST 1995 (Page 1 of 1)

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	**FLOW**	**mg/1**	**lbs.**	**mg/1**	**lbs.**	**SU**
1	49,981					
2	41,662	8.00		2.6	0.90	6.50
3	39,873					
4	36,852					
5	30,995					
6	48,873					
7	45,553					
8	45,011					
9	43,070					6.20
10	33,780					
11	35,172					
12	24,831					
13	23,040					
14	28,995					
15	24,491					
16	32,373	9.00		3.31	0.89	6.30
17	33,780					
18	21,842					
19	16,395					
20	15,011					
21	13,124					
22	12,973					
23	15,069					6.20
24	16,011					
25	12,112					
26	13,210					
27	18,932					
28	20,112					
29	30,126					
30	21,095	9.00		4.36	0.77	6.20
31	27,047					
Avg.	**28,109**	**8.67**		**3.42**	**0.85**	**6.28**
Max.	**49,981**	**9.00**		**4.36**	**0.90**	**6.50**
Min.	**12,112**	**8.00**		**2.60**	**0.77**	**6.20**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - JULY 1995

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	**FLOW**	**mg/1**	**lbs.**	**mg/1**	**lbs.**	**SU**
1	21,855					
2	31,077					
3	32,944					
4	30,877					
5	57,708	7.00		6.93	3.34	7.20
6	39,692					
7	35,172					
8	38,133					
9	44,081					
10	43,914					
11	40,255					
12	35,188					6.80
13	25,898					
14	39,972					
15	50,172					
16	57,362					
17	16,918					
18	19,987					
19	30,384	10.00		7.26	1.84	6.20
20	31,265					
21	30,992					
22	35,861					
23	30,546					
24	47,011					
25	21,394					
26	19,705	8.00		1.27	0.21	7.40
27	37,440					
28	36,995					
29	38,110					
30	36,088					
31	32,094					
Avg.	**35,132**	**8.33**		**5.15**	**1.79**	**6.90**
Max.	**57,708**	**10.00**		**7.26**	**3.34**	**7.40**
Min.	**16,918**	**7.00**		**1.27**	**0.21**	**6.20**

Table No. 2-3 **FACIILITY DISCHARGE MONITORING RECORD**

KMCC-FPD Facility - Columbus, MS
Month/Year - JUNE 1995

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	**FLOW**	**mg/1**	**lbs.**	**mg/1**	**lbs.**	**SU**
1	32,173					
2	30,826					
3	28,931					
4	26,844					
5	35,188					
6	25,617					
7	46,166	11.00		6.59	2.54	6.20
8	30,185					
9	32,160					
10	33,852					
11	35,545					
12	36,595					
13	41,381					
14	22,802	8.00		5.48	1.04	6.40
15	23,820					
16	18,972					
17	16,841					
18	11,868					
19	11,823					
20	40,818					
21	32,373					6.20
22	33,780					
23	35,831					
24	32,163					
25	36,443					
26	39,973					
27	37,721					
28	44,477					6.90
29	48,418					
30	33,722					
31						
Avg.	**31,910**	**9.50**		**6.04**	**1.79**	**6.43**
Max.	**48,418**	**11.00**		**6.59**	**2.54**	**6.90**
Min.	**11,823**	**8.00**		**5.48**	**1.04**	**6.20**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - MAY 1995

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	**FLOW**	**mg/1**	**lbs.**	**mg/1**	**lbs.**	**SU**
1	21,957					
2	40,536					
3	30,402	10.00		4.9	1.24	7.00
4	28,432					
5	23,960					
6	28,852					
7	24,973					
8	26,933					
9	33,217					
10	13,512					6.80
11	8,276					
12	28,362					
13	29,944					
14	33,665					
15	38,021					
16	30,069					
17	28,832	8.00		4.46	1.07	6.40
18	26,985					
19	31,072					
20	33,637					
21	41,020					
22	30,321					
23	35,940					
24	28,540					6.90
25	29,620					
26	20,133					
27	28,882					
28	35,961					
29	38,233					
30	29,944					
31	30,010					7.00
Avg.	**30,341**	**9.00**		**4.68**	**1.16**	**6.82**
Max.	**41,020**	**10.00**		**4.90**	**1.24**	**7.00**
Min.	**8,276**	**8.00**		**4.46**	**1.07**	**6.40**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - APRIL 1995

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	FLOW	mg/1	lbs.	mg/1	lbs.	SU
1	27,733					
2	29,352					
3	30,171					
4	27,600					
5	20,952	7.00		1.09	0.19	6.20
6	24,357					
7	30,333					
8	28,562					
9	33,719					
10	42,788					
11	32,654					
12	42,789					6.10
13	31,785					
14	30,326					
15	36,840					
16	34,100					
17	33,879					
18	38,284					
19	35,469	7.00		3.31	0.98	6.40
20	48,973					
21	52,851					
22	49,673					
23	51,857					
24	50,559					
25	39,692					
26	18,861					6.40
27	21,394					
28	33,177					
29	30,852					
30	23,665					
31						
Avg.	**34,442**	**7.00**		**2.20**	**0.58**	**6.28**
Max.	**52,851**	**7.00**		**3.31**	**0.98**	**6.40**
Min.	**18,861**	**7.00**		**1.09**	**0.19**	**6.10**

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - MARCH 1995

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	**FLOW**	**mg/1**	**lbs.**	**mg/1**	**lbs.**	**SU**
1	20,996	7.00		7.45	1.30	6.50
2	28,843					
3	18,972					
4	19,365					
5	23,841					
6	21,071					
7	29,726					
8	18,854	6.00		9.68	1.52	6.40
9	17,077					
10	20,395					
11	21,663					
12	35,073					
13	19,944					
14	17,885					
15	18,972					6.40
16	22,837					
17	29,441					
18	31,172					
19	18,976					
20	19,501					
21	20,173					
22	16,930	9.00		6.05	0.85	6.20
23	16,621					
24	20,193					
25	19,333					
26	19,972					
27	20,137					
28	15,231					
29	16,070					6.40
30	18,936					
31	21,792					
Avg.	**21,290**	**7.33**		**7.73**	**1.23**	**6.38**
Max.	**35,073**	**9.00**		**9.68**	**1.52**	**6.50**
Min.	**15,231**	**6.00**		**6.05**	**0.85**	**6.20**

See attached page.

Table No. 2-3

FACIILITY DISCHARGE MONITORING RECORD

KMCC-FPD Facility - Columbus, MS
Month/Year - February 1995

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	**FLOW**	**mg/1**	**lbs.**	**mg/1**	**lbs.**	**SU**
1	38,566					6.60
2	21,957					
3	28,962					
4	25,331					
5	27,342					
6	24,491					
7	27,869					
8	31,685	13.00		8.97	2.37	6.60
9	33,060					
10	24,961					
11	27,380					
12	30,702					
13	28,995					
14	31,247					
15	46,166					6.20
16	24,163					
17	19,872					
18	26,135					
19	20,472					
20	21,685					
21	29,160	7.00		1.81	0.44	
22	18,733					6.50
23	19,096					
24	28,972					
25	31,084					
26	32,344					
27	30,871					
28	32,962					
29						
30						
31						
Avg.	**28,009**	**10.00**		**5.39**	**1.41**	**6.48**
Max.	**46,166**	**13.00**		**8.97**	**2.37**	**6.60**
Min.	**18,733**	**7.00**		**1.81**	**0.44**	**6.20**

See attached page.

Table No. 2-3 **FACIILITY DISCHARGE MONITORING RECORD**

KMCC-FPD Facility - Columbus, MS
Month/Year - January 1995 (Page 1 of 1)

		O&G		PHENOLS		pH
Permit Requirement						
Unit of Measurement		XXXXXXXX	XXXXXXXX	XXXXXXX	XXXXXXXX	XXXXXXXX
DATE	**FLOW**	**mg/1**	**lbs.**	**mg/1**	**lbs.**	**SU**
1	36,972					
2	35,851					
3	41,099					
4	34,343	9.00		6.93	1.98	6.30
5	33,981					
6	35,673					
7	31,980					
8	43,339					
9	30,402					
10	33,527					
11	20,240					6.50
12	24,491					
13	23,890					
14	26,721					
15	26,239					
16	34,625					
17	28,995					
18	53,204	9.00		10.13	4.49	6.30
19	42,788					
20	36,192					
21	30,177					
22	29,060					
23	28,713					
24	30,965					
25	33,780					6.20
26	35,892					
27	30,160					
28	28,396					
29	21,812					
30	28,432					
31	30,684					
Avg.	**32,343**	**9.00**		**8.53**	**3.24**	**6.33**
Max.	**53,204**	**9.00**		**10.13**	**4.49**	**6.50**
Min.	**20,240**	**9.00**		**6.93**	**1.98**	**6.20**

Lowndes

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME KERR-MCGEE (COLUMBUS)
ADDRESS P O BOX 9[illegible]
COLUMBUS MS 39703
FACILITY
LOCATION
ATTN: ANTHONY N HELMS PLANT MANAGER

Received JAN 1996 OPC

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

Form Approved. OMB No. 2040-0004 Approval expires 10-31-94

1995

(2-16) MSP090021 PERMIT NUMBER

(17-19) 001 A DISCHARGE NUMBER

MINOR (SUBR NO) MAB
F - FINAL
PRETREATED PROCESS NW & BOILER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	12	01	TO	95	12	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	QUALITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.3	******	6.8	(12)	0	1/7	GRAB
00400 1 0 0	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
EFFLUENT GROSS VALUE											
OIL & GREASE (FREON	SAMPLE MEASUREMENT	******	******		******	7.67	9.00	(19)	0	2/31	GRAB
EXTR.-IR METH) TOT,RO	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/ MONTH	GRAB
00560 1 0 0											
EFFLUENT GROSS VALUE											
PHENOLS	SAMPLE MEASUREMENT	3.03	3.66	(26)	******	8.15	9.94	(19)	0	2/31	GRAB
46000 1 0 0	PERMIT REQUIREMENT	32.5 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/ MONTH	GRAB
EFFLUENT GROSS VALUE											
FLOW, IN CONDUIT OR	SAMPLE MEASUREMENT	******	0.060	(03)	******	******	******		0	7/7	CONT
THRU TREATMENT PLANT	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
50050 1 0 0											
EFFLUENT GROSS VALUE											
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

D.O. YARBROUGH / PROD. SUPT.

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

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
601	328-7551	96	1	23

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

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

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P O BOX 906

COLUMBUS MS 39703

FACILITY

LOCATION

ATTN: ANTHONY NEELIS PLANT MANAGER

DEC 1995 Received OPC

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16) MS0090021 — PERMIT NUMBER

(17-19) 001 A — DISCHARGE NUMBER

MINOR (SUBR NO) YES
F - FINAL
PRETREATED PROCESS WW & BOILER

Form Approved. OMB No. 2040-0004 Approval expires 10-31-94

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	11	01	TO	95	11	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	QUALITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.1	******	6.5	(12)	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH) TOT,RC	SAMPLE MEASUREMENT	******	******		******	8	8	(19)	0	3/31	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	1.84	2.10	(26)	******	6.33	6.68	(19)	0	3/31	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.044	(03)	******	******	******		0	7/7	CONT
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

D. O. Yarbrough

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

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
601	328-7551	95	12	08

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

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

Lowndes

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P O BOX 906

COLUMBUS MS 39703

FACILITY

LOCATION

ATTN: ANTHONY N HELMS PLANT MANAGER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16) PERMIT NUMBER: MSP090021

(17-19) DISCHARGE NUMBER: 001 A

MINOR (SUBR NO) MAB

F - FINAL

PRETREATED PROCESS WW & BOILER

Form Approved. OMB No. 2040-0004 Approval expires 10-31-94

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	10	01	TO	95	10	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE | __ | ***

NOTE: Read instructions before completing this form.

Received OPC NOV 1995

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.2	******	6.4	(12)	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH) TOT,RC	SAMPLE MEASUREMENT	******	******		******	7.5	8.0	(19)	0	2/31	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	2.41	2.61	(26)	******	9.31	9.77	(19)	0	2/31	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.042	(03)	******	******	******		0	31/31	CONT.
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: A.N. HELMS/ PLANT MANAGER

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.)*

A.N. Helms

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 601 NUMBER 328-7551

DATE: YEAR 11 MO 28 DAY 95

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

Facility Name/Location if different)
NAME KERR-MCGEE (COLUMBUS)
ADDRESS P O BOX 906
COLUMBUS MS 39703
FACILITY
LOCATION
ATTN: ANTHONY N HELMS PLANT MANAGER

LOWNWS

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

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

(2-16) MSP090021 PERMIT NUMBER
(17-19) 001 A DISCHARGE NUMBER

MINOR
(SUBR NO. MP
F - FINAL
PRETREATED PROCESS WW & BOILER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	09	01	TO	95	09	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE | | ***

NOTE: Read instructions before completing this form.

OCT 1995 Received OPC

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	QUALITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.2	******	6.8	(12)		1/7	GRAB
00400 1 0 0	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
EFFLUENT GROSS VALUE											
OIL & GREASE (FREON EXTR.-IR METH) TOT, RC	SAMPLE MEASUREMENT	******	******		******	7.50	8.00	(19)		2/30	GRAB
00560 1 0 0	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE											
PHENOLS	SAMPLE MEASUREMENT	1.48	1.88	(26)	******	7.27	9.33	(19)		2/30	GRAB
46000 1 0 0	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE											
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.046	(03)	******	******	******			7/7	CONT.
50050 1 0 0	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
EFFLUENT GROSS VALUE											
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
A. N. HELMS / PLT. MGR.
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.)*

A.N. Helms
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
601	328-7551	95	10	16
AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME KERR-MCGEE (COLUMBUS)
ADDRESS P O BOX 906
COLUMBUS MS 39703
FACILITY
LOCATION
ATTN: ANTHONY N HELMS PLANT MANAGER

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

(2-16) PERMIT NUMBER: MSP090021
(17-19) DISCHARGE NUMBER: 001 A

MINOR
(SUBR NO) MAJ
F - FINAL
PRETREATED PROCESS WW & BOILER

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	08	01	TO	95	08	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	QUALITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		6.20	******	6.5	(12)		1/7	GRAB
	PERMIT REQUIREMENT	******	******	*****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH) TOT,RC 00560 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	8.67	9.00	(19)		2/31	GRAB
	PERMIT REQUIREMENT	******	******	*****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS 46000 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.85	0.90	(26)	******	3.42	4.36	(19)		2/31	GRAB
	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.050	(03)	******	******	******			7/7	CONT.
	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	*****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: A.N. HELMS / PLANT MGR.
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.)*

Anthony N. Helms
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 601 NUMBER 328-7551

DATE: YEAR 95 MO 09 DAY 12

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

Facility Name/Location if different)
NAME [illegible] (COLUMBUS)
ADDRESS P O BOX 906
COLUMBUS MS 39703
FACILITY
LOCATION
ATTN: ANTHONY N HELMS PLANT MANAGER

Lowndes

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

(2-16) MSP090021 — PERMIT NUMBER
(17-19) 001 A — DISCHARGE NUMBER

MINOR
(SUBR NO) IN
F - FINAL
PRETREATED PROCESS WW & BOILER

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	07	01	TO	95	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE |__| ***

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 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		6.20	******	7.40	(12)		1/7	GRAB
	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH) TOT, RC 00560 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	8.33	10.00	(19)		2/31	GRAB
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS 46000 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1.79	3.34	(26)	******	5.15	7.26	(19)		2/31	GRAB
	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.058	(03)	******	******	******			7/7	CONT.
	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
A.N. HELMS / PLT. MGR.
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.)*

Anthony N. Helms
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
601	328-7551	95	8	10
AREA CODE	NUMBER	YEAR	MO	DAY

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

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

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P O BOX 906

COLUMBUS MS 39703

FACILITY

LOCATION

ATTN: ANTHONY N HELMS PLANT MANAGER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16) MSP090021 PERMIT NUMBER

(17-19) 001 A DISCHARGE NUMBER

MINOR (SUBR NO) MAJ F - FINAL

PRETREATED PROCESS WW & BOILER

Form Approved. OMB No. 2040-0004 Approval expires 10-31-94

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	06	01	TO	95	06	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE |__| ***

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	MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.2	******	6.9	(12)		1/7	GRAB
00400 1 0 0 EFFLUEN GROSS VALUE	PERMIT REQUIREMENT	******	******	********	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
& GREASE (FREON EXTR.-IR METH) TOT,RC	SAMPLE MEASUREMENT	******	******		******	9.5	11.00	(19)		2/30	GRAB
00560 1 0 0 EFFLUEN GROSS VALUE	PERMIT REQUIREMENT	******	******	********	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	1.79	2.54	(26)	******	6.04	6.59	(19)		2/30	GRAB
46000 1 0 0 EFFLUEN GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.048	(03)	******	******	******			30/30	CONT
50050 1 0 0 EFFLUEN GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	********		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: A.N. HELMS / PLT. MANAGER (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.)*

Anthony N. Helms — SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 601 NUMBER 328-7551

DATE: YEAR 95 MO 7 DAY 11

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

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

Lowndes

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P O BOX 906

COLUMBUS MS 39703

FACILITY

LOCATION

ATTN: ANTHONY N HELMS PLANT MANAGER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved. OMB No. 2040-0004 Approval expires 10-31-94

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
MSP090021	001 A

MINOR (SUBR NO) MAJ F - FINAL

PRETREATED PROCESS NW 8 BOILER.

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	05	01	TO	95	05	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	QUALITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.4	******	7.0	(12)		1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH) TOT,RC	SAMPLE MEASUREMENT	******	******		******	9.0	10.0	(19)		2/31	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	1.16	1.24	(26)	******	4.68	4.90	(19)		2/31	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.041	(03)	******	******	******			7/7	CONTIN.
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: A.N. HELMS (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.)*

Anthony N. Helms

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
601	328-7551	95	6	20

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

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

Lowndes

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P O BOX 986

COLUMBUS MS 39703

FACILITY

LOCATION

ATTN: ANTHONY N HELMS PLANT MANAGER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
MSP090021	001 A

MINOR (SUBR NO) NNA
F - FINAL
PRETREATED PROCESS WW & BOILER

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	04	01	TO	95	04	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.1	******	6.4	(12)		1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH) TOT,RC	SAMPLE MEASUREMENT	******	******		******	7.0	7.0	(19)		2/30	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	0.58	0.98	(26)	******	2.20	3.31	(19)		2/30	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.053	(03)	******	******	******			7/7	CONT.
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

A.N. HELMS

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.)*

A.N. Helms

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
601	328-7551	95	05	22

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

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

Lowndes

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P O BOX 906

COLUMBUS MS 39703

FACILITY

LOCATION

ATTN: ANTHONY N HELMS PLANT MANAGER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16) PERMIT NUMBER: MSP090021

(17-19) DISCHARGE NUMBER: 001 A

MINOR (SUBR NO) MAJ
F - FINAL
PRETREATED PROCESS WW & BOILER

*** NO DISCHARGE |__| ***

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

NOTE: Read instructions before completing this form.

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	03	01	TO	95	03	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	QUALITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.2	******	6.5	(12)		1/7	GRAB
00400 1 0 0	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
EFFLUENT GROSS VALUE											
OIL & GREASE (FREON EXTR.-IR METH) TOT,RC	SAMPLE MEASUREMENT	******	******		******	7.33	9.00	(19)		2/31	GRAB
00560 1 0 0	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE											
PHENOLS	SAMPLE MEASUREMENT	1.23	1.52	(26)	******	7.73	9.68	(19)		2/31	GRAB
46000 1 0 0	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE											
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	.035	(03)	******	******	******			7/7	CONT.
50050 1 0 0	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
EFFLUENT GROSS VALUE											
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: A.N. HELMS (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.)*

A.N. Helms
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 601 NUMBER 328-7551

DATE: YEAR 95 MO 04 DAY 24

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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME KARR-MCGEE CHEMICAL
ADDRESS P O BOX 216
COLUMBUS MS 39703
FACILITY
LOCATION
ATTN: ANTHONY N HELMS PLANT MANAGER

Lowndes

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

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
MSP090021	001 A

MINOR
(SUBR NO
F - FINAL
PRETREATED BOILER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	02	01	TO	95	02	28
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		6.20	******	6.6	(12)		1/7	GRAB
	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH) TOT, RC 00560 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	10	13	(19)		2/28	GRAB
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/ MONTH	GRAB
PHENOLS 46000 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1.41	2.37	(26)	******	5.39	8.97	(19)		2/28	GRAB
	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.046	(03)	******	******	******			7/7	CONT.
	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: A.N. HELMS (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.)*

A.N. Helms
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
601	328-7551	95	03	21

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

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

Lowndes

NAME KERR-MCGEE (COLUMBUS)

ADDRESS P O BOX 906

COLUMBUS MS 39703

FACILITY

LOCATION

ATTN: ANTHONY N HELMS PLANT MANAGER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16) PERMIT NUMBER: MSP090021

(17-19) DISCHARGE NUMBER: 001 A

MINOR
(SUBR NO) HAS
F - FINAL
PRETREATED PROCESS WW & BOILER

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	01	01	TO	95	01	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		6.2	******	6.5	(12)		1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.5 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH) TOT,RC	SAMPLE MEASUREMENT	******	******		******	9	9	(19)		2/31	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	59 MO MAX	MG/L		TWICE/ MONTH	GRAB
PHENOLS	SAMPLE MEASUREMENT	3.24	4.49	(26)	******	8.53	10.13	(19)		2/31	GRAB
46000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	32.6 MO AVG	48.8 MO MAX	LBS/DY	******	52 MO AVG	78 MO MAX	MG/L		TWICE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	.053	(03)	******	******	******			31/31	CONT.
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	.075 MO MAX	MGD	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

A.N. HELMS

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.)*

A.N. Helms

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
601	328-7551	95	02	22
AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME KERR-MCGEE (COLUMBUS)
ADDRESS P O BOX 906
COLUMBUS MS 39703
FACILITY
LOCATION
ATTN: ANTHONY N HELMS PLANT MANAGER

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

(2-16) PERMIT NUMBER: MSP090021
(17-19) DISCHARGE NUMBER: 001 Y

MINOR
(SUBR NO) SUB
F - FINAL
PROCESS WASTEWATER

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	01	01	TO	95	12	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [ ] ***

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	MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.010	(26)	******	0.038	0.06	(19)	0	2/365	COMP.
	PERMIT REQUIREMENT	******	1.48 ANNL MAX	LBS/DY	******	REPORT ANNL AVG	2.36 ANNL MAX	MG/L		SEMI-ANNUAL	COMPOS
CADMIUM, TOTAL (AS CR) 01034 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.011	(26)	******	0.004	0.04	(19)	0	2/365	COMP.
	PERMIT REQUIREMENT	******	1.48 ANNL MAX	LBS/DY	******	REPORT ANNL AVG	2.36 ANNL MAX	MG/L		SEMI-ANNUAL	COMPOS
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.008	(26)	******	0.024	0.03	(19)	0	2/365	COMP
	PERMIT REQUIREMENT	******	1.85 ANNL MAX	LBS/DY	******	REPORT ANNL AVG	2.95 ANNL MAX	MG/L		SEMI-ANNUAL	COMPOS
PENTACHLOROPHENOL 39032 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.085	0.204	(26)	******	0.512	1.30	(19)	0	2/365	GRAB
	PERMIT REQUIREMENT	.744 ANNL AVG	1.12 ANNL MAX	LBS/DY	******	1.19 ANNL AVG	1.79 ANNL MAX	MG/L		SEMI-ANNUAL	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: D.O. YARBROUGH / PROD. SUPT.
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

TELEPHONE: AREA CODE 601, NUMBER 328-7551

DATE: YEAR 96, MO 1, DAY 23

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

COMPOSITE SAMPLES SHOULD CONSIST OF MANUAL GRAB SAMPLES OF EQUAL ALIQUOT VOLUMES TAKEN EVERY FOUR HOURS FOR THE DURATION OF THE DISCHARGE DURING THE 24-HOUR PERIOD.

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

December 18, 1998

RECEIVED
DEC 23 1998
Dept. of Environmental Quality
Office of Pollution Control

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Kirk Shelton

Dear Mr. Shelton:

Attached, please find the Discharge Monitoring Report for the month of November 1998. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

R.P. Murphey
Plant Manager

Enclosures

RPM/cjs

cc: N. Bock

FOREST PRODUCTS

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

November 24, 1998

RECEIVED
NOV 30 1998
Dept. of Environmental Quality
Office of Pollution Control

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Kirk Shelton

Dear Mr. Shelton:

Attached, please find the Discharge Monitoring Report for the month of October 1998. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

R.P. Murphy

R.P. Murphey
Plant Manager

Enclosures

RPM/cjs

cc: N. Bock

FOREST PRODUCTS

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

October 24, 1998

RECEIVED
OCT 28 1998
Dept. of Environmental Quality
Office of Pollution Control

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Kirk Shelton

Dear Mr. Shelton:

Attached, please find the Discharge Monitoring Report for the month of September 1998. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

R.P. Murphey
Plant Manager

Enclosures

RPM/cjs

cc: N. Bock

Forest Products

Pretreatment
~~MSP090021~~
MSP090021
Lowndes County
Kerr MGEE Forestry Products

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
OCT - 2 1998
Dept. of Environmental Quality
Office of Pollution Control

September 28, 1998

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Kirk Shelton

Dear Mr. Shelton:

Attached, please find the Discharge Monitoring Report for the month of August 1998. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

R.P. Murphey

R.P. Murphey
Plant Manager

Enclosures

RPM/cjs

cc: N. Bock

Forest Products

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

August 26, 1998

RECEIVED
AUG 3 1 1998
Dept. of Environmental Quality
Office of Pollution Control

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Kirk Shelton

Dear Mr. Shelton:

Attached, please find the Discharge Monitoring Report for the month of July 1998. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

R. P. Murphey

R.P. Murphey
Plant Manager

Enclosures

RPM/cjs

cc: N. Bock

Forest Products

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
JUL 27 1998
Dept. of Environmental Quality
Office of Pollution Control

July 24, 1998

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Kirk Shelton

Dear Mr. Shelton:

Attached, please find the Discharge Monitoring Report for the month of June 1998. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

R.P. Murphey
Plant Manager

Enclosures

RPM/cjs

cc: N. Bock

Forest Products

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
James I. Palmer, Jr., Executive Director

July 8, 1998

FILE COPY

Mr. Ron Murphey, Plant Manger
Kerr-McGee Chemical Corporation
P.O. Box 906
Columbus, MS 39703

Dear Mr. Murphey:

Re: Pretreatment Permit No. MSP090021
Lowndes County

Enclosed is a copy of the Compliance Monitoring Inspection Report and analytical laboratory results on samples taken at the Kerr-McGee facility on March 23, 1998. The results of this inspection may be used as a guide for complying with the requirements and limitations as stated by your Pretreatment Permit.

If you have any questions, please contact me at 601-961-5333.

Sincerely,

Kirk A. Shelton
Compliance Division

pc: Mr. David Lee, MDEQ
Mr. Dewitt Spurgeon, MDEQ/NRO

OFFICE OF POLLUTION CONTROL
P.O. Box 10385 Jackson, MS 39289.0385 Phone 601.961.5171 Fax 601.354.6612

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
JUN 26 1998
Dept. of Environmental Quality
Office of Pollution Control

June 24, 1998

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of May 1998. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL LLC
FOREST PRODUCTS DIVISION

Ron P. Murphey

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

Forest Products

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
JUN - 1 1998
Dept. of Environmental Quality
Office of Pollution Control

May 27, 1998

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of April 1998. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL LLC
FOREST PRODUCTS DIVISION

Ronald P Murphey

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

FOREST PRODUCTS

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
APR 22 1998
Dept. of Environmental Quality
Office of Pollution Control

April 17, 1998

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of March 1998. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL LLC
FOREST PRODUCTS DIVISION

Ron P. Murphey
Plant Manager

Enclosures

RPM/cjs

cc: N. Bock

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
MAR 30 1998
Dept. of Environmental Quality
Office of Pollution Control

March 24, 1998

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of February 1998. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL LLC
FOREST PRODUCTS DIVISION

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

FOREST PRODUCTS

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
James I. Palmer, Jr., Executive Director

Compliance - Timber - Kirk

To: ~~Milton Brumfield~~
From: Dewitt A. Spurgeon, NRO
Date: March 23, 1998

Subject: Compliance Monitoring
Kerr-McGee Chemical
Permit # 90021
Lowndes County

On March 23, 1998, I traveled to Lowndes County, to collect grab samples from the discharge at the above facility. I met with Mr. Charles Swann, Supervisor Of Treating Operations. Mr. Swann accompanied me to the sampling point at his facility and requested that we split samples.

The water I collected my grab samples from was an oily brown color with a slight oil sheen on the surface. I collected grab samples for Cr, Cu, As, Oil & Grease, Phenol and Penta Chlorophenol. The pH of the water I sampled was 7.4 and the flow was .02469 mgd.

I found no problems during this sampling period.

If I can be of further assistance, please advise.

Respectfully,

Dewitt A. Spurgeon

DAS:das

OFFICE OF POLLUTION CONTROL
P.O. Box 10385 Jackson, MS 39289.0385 Phone 601.961.5171 Fax 601.354.6612

File Pretreatment MSP 090021 Lowndes County

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
MAR - 2 1998
Dept. of Environmental Quality
Office of Pollution Control

February 23, 1998

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: ~~Milton Brumfield~~ WY

Dear ~~Mr. Brumfield~~:

Attached, please find the Discharge Monitoring Report for the month of January 1998. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL LLC
FOREST PRODUCTS DIVISION

Ron P. Murphey

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

Forest Products

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
JAN 28 1998
Dept. of Environmental Quality
Office of Pollution Control

January 27, 1998

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

WCB

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of December 1997. Also, please find attached our 1997 annual Discharge Monitoring Report which includes our bi-annual testing. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL LLC
FOREST PRODUCTS DIVISION

Ron P Murphey

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

FOREST PRODUCTS

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

January 23, 1998

MRB

RECEIVED
JAN 28 1998
Dept. of Environmental Quality
Office of Pollution Control

Milton Brumfield
Industrial Pretreatment Section
Office of Pollution Control
P. O. Box 10385
Jackson, MS 39289-0385

Re: Kerr-McGee Chemical Corporation Name Changed to Kerr-McGee Chemical LLC (Pretreatment Permit # MSP090021, Lowndes County)

Dear Mr. Brumfield:

This is to advise you that effective January 1, 1998, Kerr-McGee Chemical Corporation was included in an overall corporate reorganization and its name was changed to Kerr-McGee Chemical LLC.

This object of the reorganization is to make Kerr-McGee more competitive in its businesses through a more efficient corporate structure.

Kerr-McGee Chemical LLC operations are managed and directed by the same personnel that previously managed Kerr-McGee Chemical Corporation. Further, Kerr-McGee Chemical LLC continues to be 100% owned by Kerr-McGee Corporation just as Kerr-McGee Chemical Corporation was prior to the reorganization.

The above referenced permit has not been assigned, conveyed nor transferred. However, we are providing you this notification so that you may be prepared as our company letterhead changes over the course of the next year.

Should you have any questions please contact me directly at (601) 328-7551.

Sincerely,

KERR-McGEE CHEMICAL LLC
FOREST PRODUCTS DIVISION

Ronald P. Murphey

Ronald P. Murphey
Plant Manager

RPM/tjj

cc: N. E. Bock

FOREST PRODUCTS

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

December 24,1997

RECEIVED
JAN - 5 1998
Dept. of Environmental Quality
Office of Pollution Control

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

WRB

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of November 1997. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

D.O. Yarbrough
Production Superintendent

D.O. Yarbrough

Enclosures

DOY/cjs

cc: N. Bock

FOREST PRODUCTS

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
NOV 24 1997
Dept. of Environmental Quality
Office of Pollution Control

November 21, 1997

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

WSB

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of October 1997. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Ronald P Murphy

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

Forest Products

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
OCT 24 1997
Dept. of Environmental Quality
Office of Pollution Control

October 22, 1997

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield MBB

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of September 1997. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Ron Murphey

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

FOREST PRODUCTS

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

September 24, 1997

RECEIVED
OCT - 2 1997
Dept. of Environmental Quality
Office of Pollution Control

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

WRB

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of August 1997. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Ronald P. Murphey

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

LOWNDES

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
AUG 27 1997
Dept. of Environmental Quality
Office of Pollution Control

August 25, 1997

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of July 1997. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

FOREST PRODUCTS

LOWNDES

KERR-MCGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

MRB

July 21, 1997

RECEIVED
JUL 24 1997
Dept. of Environmental Quality
Office of Pollution Control

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of June 1997. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Ron P. Murphey

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

FOREST PRODUCTS

FILE COPY

STATE OF MISSISSIPPI
DEPARTMENT OF ENVIRONMENTAL QUALITY
JAMES I. PALMER, JR.
EXECUTIVE DIRECTOR

July 8, 1997

Mr. Ron Murphey
Kerr-McGee Chemical Corporation
P.O. Box 906
Columbus, Mississippi 39703

Dear Mr. Murphey:

Re: Pretreatment Permit No. MSP090021
Lowndes County

Enclosed is a copy of the Compliance Evaluation Inspection Report completed as a result of this office's inspection at Kerr-McGee Chemical Corporation on June 24, 1997. The report should be used by you as a guide for complying with requirements and limitations stated in your pretreatment permit.

If you have any questions concerning this matter, please contact us at 961-5171.

Respectfully,

Milton Brumfield
Industrial Pretreatment Section

MB
Enclosures

M E M O R A N D U M

TO: File-Kerr-McGee Chemical Corp.(MSP090021)

FROM: Milton Brumfield

SUBJECT: Compliance Evaluation Inspection (CEI)

On June 24, 1997, I met with Mr. Chuck Swann of Kerr-McGee Chemical Corp. for a compliance evaluation inspection. Mr. Swann accompanied me on an inspection of the facility and grounds. The following were noted:

1. The discharge flow has been decreased because they are not treating as much groundwater as previously.
2. Flow measurement is adequate.
3. In possession of pretreatment permit.
4. DMR's were in order and calculations were correct.
5. Operations appeared sufficient.
6. No problems were noted.

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
JUN 23 1997
Dept. of Environmental Quality
Office of Pollution Control

June 20, 1997

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of June 1997. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

Forest Products

FILE COPY

STATE OF MISSISSIPPI
DEPARTMENT OF ENVIRONMENTAL QUALITY
JAMES I. PALMER, JR.
EXECUTIVE DIRECTOR

June 20, 1997

Mr. R.P. Murphey
Kerr-McGee Chemical Corporation
P.O. Box 906
Columbus, Mississippi 39703

Dear Mr. Murphey:

Re: Pretreatment Permit No. MSP090021
Compliance Sampling

Enclosed is a copy of the analytical laboratory results on samples taken at Kerr-McGee Chemical Corporation on March 19, 1997. You may use these results in determining your compliance status.

If you have any questions or if we can be of assistance, please advise.

Respectfully,

Milton Brumfield
Industrial Pretreatment Section

MB
Enclosure

LOWNDES

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
MAY 21 1997
Dept. of Environmental Quality
Office of Pollution Control

May 15, 1997

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

WPB

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of April 1997. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

Forest Products

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
APR 15 1997
Miss. dt Environmental Quality
Office of Pollution Control

April 14, 1997

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of March 1997. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Ron P. Murphey

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

FOREST PRODUCTS

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
MAR 27 1997
Dept. of Environmental Quality
Office of Pollution Control

March 25, 1997

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of February 1997. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

Forest Products

Dw

STATE OF MISSISSIPPI

DEPARTMENT OF ENVIRONMENTAL QUALITY

JAMES I. PALMER, JR.
EXECUTIVE DIRECTOR

To: Milton Brumfield
From: Dewitt A. Spurgeon, NRO
Date: March 19, 1997

Subject: Compliance Monitoring
Kerr McGee Chemicals
Permit # 90021
Lowndes County

On March 19, 1997, I traveled to Lowndes County, to collect grab samples at the above facility. I met with Mr. Ronald Murphey, Plant Manager. Mr. Murphey accompanied me to their discharge point. I split samples with Mr. Murphey.

The water I sampled at discharge # 001, was clear with a slight odor. I collected grab samples for Cr, Cu, As, Oil & Grease, Phenols and Pentachlorophenol. The pH of the water I sampled was 8.6 and the flow was .00078 mgd.

I found no problems during this sampling period.

If I can be of further assistance, please advise.

Respectfully,

Dewitt A. Spurgeon

Dewitt A. Spurgeon, Environmental Analyst

DS:ds

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
FEB 21 1997
Dept. of Environmental Quality
Office of Pollution Control

February 19, 1997

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield MRB

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of January 1997. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Ron P. Murphey

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

FOREST PRODUCTS

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
JAN 27 1997
Dept. of Environmental Quality
Office of Pollution Control

January 23, 1997

MKB

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of December 1996. Also please find attached our Discharge Monitoring Report for our semi-annual composite samples. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Ron P. Murphey

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

Forest Products

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
DEC 23 1996
Dept. of Environmental Quality
Office of Pollution Control

December 18, 1996

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

WRB

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of November 1996. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Ronald P. Murphey

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

Forest Products

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
DEC 10 1996
Dept. of Environmental Quality
Office of Pollution Control

December 6, 1996

WPB

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of October 1996. The monthly maximum gallons per day was left blank in error. Attached is a corrected copy. I apologize for any inconvenience this may have caused you. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Ronald P Murphey

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

Forest Products

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
NOV 20 1996
Dept. of Environmental Quality
Office of Pollution Control

November 15, 1996

WRM

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of October 1996. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Ronald P. Murphey

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

Forest Products

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
OCT 30 1996
Dept. of Environmental Quality
Office of Pollution Control

MRS

October 28, 1996

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

In reference to our letter to you dated October 24, 1996, containing the discharge monitoring reports for the Columbus facility. These reports are for the month of September instead of October. If you have any questions, please don't hesitate to call me.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

MCR

RECEIVED
OCT 28 1996
Dept. of Environmental Quality
Office of Pollution Control

October 24, 1996

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of October 1996. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Ronald P. Murphey

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
SEP 26 1996
Dept. of Environmental Quality
Office of Pollution Control

September 24, 1996

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of August 1996. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Ron P. Murphey

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

Forest Products

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
AUG 2 2 1996
Dept. of Environmental Quality
Office of Pollution Control

August 20, 1996

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of July 1996. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Ron P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

certified # Z387296691

FOREST PRODUCTS

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

July 22, 1996

RECEIVED
JUL 24 1996
Dept. of Environmental Quality
Office of Pollution Control

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of June 1996. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

D. O. Yarbrough

Donnie Yarbrough
Production Superintendent

Enclosures

DOY/tjj

cc: N. Bock

Forest Products

FILE COPY

STATE OF MISSISSIPPI
DEPARTMENT OF ENVIRONMENTAL QUALITY
JAMES I. PALMER, JR.
EXECUTIVE DIRECTOR

June 25, 1996

Mr. R. P. Murphey
Kerr-McGee Chemical Corporation
P.O. Box 906
Columbus, Mississippi 39703

Dear Mr. Murphey:

Re: MSP090021
Compliance Sampling

We are in receipt of your results from the split sample that was taken during our compliance monitoring sampling inspection at Kerr-McGee Chemical Corporation on March 19, 1996. Our laboratory has reconfirmed that their analytical result of 106 mg/L for Oil & Grease is accurate; therefore, we cannot change this number. We will accept your results for the requirements stated in our correspondence dated May 29, 1996 and we will not pursue any further action because of these results.

If you have any questions concerning this matter, please contact us at 961-5171.

Respectfully,

Milton Brumfield
Industrial Pretreatment Section

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
JUN 19 1996
Dept. of Environmental Quality
Office of Pollution Control

June 17, 1996

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of May 1996. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Ronald P. Murphey

Ronald P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

Forest Products

MRB

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

June 7,1996

RECEIVED
JUN 11 1996
Dept. of Environmental Quality
Office of Pollution Control

Mr. Milton Brumfield
Mississippi Department of Environmental Quality
Office of Pollution Control
Industrial Pretreatment Section
P.O. Box 10385
Jackson, Mississippi 39289-0385

Re: Notice of Violation

Dear Mr. Brumfield:

This letter is reference to the letter received from your office dated May 29, 1996 regarding MSP090021 compliance sampling. In your letter you reported an Oil and Grease sample result of 106 mg/l which exceeded our permit requirement of 59 mg/l. At the time of sampling on March 19, 1996, Chuck Swann, Supervisor of Treating Operations at Kerr McGee, split samples with Cliff Jeter of the MSDEQ. These samples were immediately taken to EnviroLab in Starkville, Mississippi to be analyzed. The Oil and Grease result we received was 46 mg/l. These results are well within our permit requirements of 59 mg/l. Kerr McGee contacted EnviroLab to run a Quality Assurance/ Quality Control check on the above referenced sample. A fluctuation from 46 mg/l to 106 mg/l on a split sample does not seem probable.

Based upon our compliance record over the past 21 months and the split sample results, we do not believe the facility experienced a non-compliance for Oil and Grease on March 19, 1996. Kerr McGee is requesting that the MSDEQ remove the alleged non-compliance from the facilities compliance history.

Should you desire any additional information or have any questions please call me at 601-328-7551. Thank you for your time and consideration.

Sincerely,
KERR MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

R P Murphy

R.P. Murphey
Plant Manager

attachments

FOREST PRODUCTS

FILE COPY

STATE OF MISSISSIPPI
DEPARTMENT OF ENVIRONMENTAL QUALITY
JAMES I. PALMER, JR.
EXECUTIVE DIRECTOR

May 29, 1996

Mr. R. P. Murphey
Kerr-McGee Chemical Corporation
P.O. Box 906
Columbus, Mississippi 39703

Dear Mr. Murphey:

Re: MSP090021
Compliance Sampling

Enclosed is a copy of the analytical laboratory results on samples taken at Kerr-McGee Chemical Corporation on March 19, 1996. These results indicate that the referenced permittee was not in compliance with the effluent limitations of their pre-treatment permit for March 19, 1996. The following violation(s) were noted.

Parameter	Permit Requirement	Sample Results
Oil&Grease (Max.)	59 mg/L	106 mg/L

Please advise the office in writing by June 14, 1996 of the probable causes of these violations and any remedial actions taken to assure future compliance with permit conditions. If you have any questions concerning this matter, please contact us at 961-5171.

Respectfully,

Milton Brumfield
Industrial Pretreatment Section

Enclosure
cc: Mr. Paul Zetterholm, OPC (w/enclosure)

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

May 2, 1996

RECEIVED
MAY - 6 1996
Dept. of Environmental Quality
Office of Pollution Control

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of April 1996. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Ronald P. Murphey

Ronald P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

FILE COPY

STATE OF MISSISSIPPI
DEPARTMENT OF ENVIRONMENTAL QUALITY
JAMES I. PALMER, JR.
EXECUTIVE DIRECTOR

April 25, 1996

Mr. Donnie Yarbrough
Kerr-McGee Chemical Company
P.O. Box 906
Columbus, Mississippi 39701

Dear Mr. Yarbrough:

Re: Permit No. MSP090021
Lowndes County

Enclosed is a copy of the Compliance Evaluation Inspection Report completed as a result of this office's inspection at Kerr-McGee Chemical Company on April 17, 1996. The report should be used by you as a guide for complying with requirements and limitations stated in your pretreatment permit.

If you have any questions concerning this matter, please contact us at 961-5171.

Respectfully,

Milton Brumfield
Industrial Pretreatment Section

Enclosures
cc: Mr. Paul Zetterholm (w/attachment)

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
APR 22 1996
Dept. of Environmental Quality
Office of Pollution Control

April 18, 1996

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of March 1996. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Ronald P. Murphey

Ronald P. Murphey
Plant Manager

Enclosures

RPM/tjj

cc: N. Bock

STATE OF MISSISSIPPI
DEPARTMENT OF ENVIRONMENTAL QUALITY
JAMES I. PALMER, JR.
EXECUTIVE DIRECTOR

To: Milton Brumfield
From: Clift Jeter, NRO
Date: March 19, 1996

Subject: Compliance Monitoring
Kerr McGee #90021
Lowndes County

On March 18,19, 1996, I traveled to the above facility to perform scheduled compliance monitoring. I met with Mr. Jim Swann at the site and he accompanied me on the inspection.

Samples were collected for Cr,Cu,As and Oil & Grease. Also grabs were taken for Phenol and Pentachlorophenol. The pH was 6.85 with a flow of .038mgd. The water was clearish with an oily sheen present. Samples were split with the facility during the inspection. No major problems were noted on these dates.

If I can be of further assistance please call.

RCJ:cj

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
MAR 15 1996
Dept. of Environmental Quality
Office of Pollution Control

March 14, 1996

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of February 1996. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

D. O. Yarbrough

Donnie O. Yarbrough
Production Superintendent

Enclosures

DOY/tjj

cc: N. Bock

FOREST PRODUCTS

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
FEB 26 1996
Miss. dept. of Environmental Quality
Office of Pollution Control

February 22, 1996

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of January 1996. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

D. O. Yarbrough

Donnie O. Yarbrough
Production Superintendent

Enclosures

DOY/tjj

cc: N. Bock

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
JAN 24 1996
Dept. of Environmental Quality
Office of Pollution Control

January 23, 1996

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of December 1995. Also attached are the discharge monitoring reports containing the results of our facilities semi annual sampling requirements. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

D. O. Yarbrough

Donnie O. Yarbrough
Production Superintendent

Enclosures

DOY/tjj

cc: N. Bock

Forest Products

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
DEC 13 1995
Dept. of Environmental Quality
Office of Pollution Control

December 8, 1995

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of November 1995. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Donnie O. Yarbrough
Production Superintendent

Enclosures

DOY/tjj

cc: N. Bock

Forest Products

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

November 28, 1995

RECEIVED
NOV 29 1995
Dept. of Environmental Quality
Office of Pollution Control

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of October 1995. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Anthony N. Helms

Anthony N. Helms
Plant Manager

Enclosures

ANH/tjj

cc: N. Bock

Forest Products

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
OCT 19 1995
Dept. of Environmental Quality
Office of Pollution Control

October 16, 1995

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of September 1995. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Anthony N. Helms

Anthony N. Helms
Plant Manager

Enclosures

ANH/cjs

cc: N. Bock

FOREST PRODUCTS

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
SEP 14 1995
Dept. of Environmental Quality
Office of Pollution Control

September 12, 1995

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of August 1995. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Anthony N. Helms

Anthony N. Helms
Plant Manager

Enclosures

ANH/tjj

cc: N. Bock

FOREST PRODUCTS

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
AUG 14 1995
Dept. of Environmental Quality
Office of Pollution Control

August 10, 1995

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of July 1995. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Anthony N. Helms

Anthony N. Helms
Plant Manager

Enclosures

ANH/tjj

cc: N. Bock

FOREST PRODUCTS

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
JUL 13 1995
Dept. of Environmental Quality
Office of Pollution Control

July 11, 1995

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of June 1995. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Anthony N. Helms

Anthony N. Helms
Plant Manager

Enclosures

ANH/tjj

cc: N. Bock

Forest Products

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
JUN 2
Dept. of
Office

June 20, 1995

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of June 1995. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Anthony N. Helms

Anthony N. Helms
Plant Manager

Enclosures

ANH/tjj

cc: N. Bock

Forest Products

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
MAY 22 1995
Dept. of Environmental Quality
Office of Pollution Control

May 22, 1995

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of May 1995. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Anthony N. Helms

Anthony N. Helms
Plant Manager

Enclosures

ANH/tjj

cc: N. Bock

Forest Products

FILE COPY

STATE OF MISSISSIPPI
DEPARTMENT OF ENVIRONMENTAL QUALITY
JAMES I. PALMER, JR.
EXECUTIVE DIRECTOR

May 3, 1995

Mr. Anthony N. Helms, Plant Manager
Kerr-McGee Chemical Corporation
P. O. Box 906
Columbus, Mississippi 39703

Dear Mr. Helms:

Re: MSP090021
Lowndes County
Compliance Sampling

Enclosed is a copy of the analytical laboratory results on samples taken at Kerr-McGee Chemical Corporation on February 21, 1995. You may use these results in determining your compliance status.

If you have any questions or if we can be of assistance, please advise.

Respectfully,

Milton Brumfield
Industrial Pretreatment Section

MRB:ap
Enclosure
cc: Mr. Paul Zetterholm, OPC (w/enclosure)

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
APR 26 1995
Dept. of Environmental Quality
Office of Pollution Control

April 24, 1995

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of March 1995. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Anthony N. Helms

Anthony N. Helms
Plant Manager

Enclosures

ANH/tjj

cc: N. Bock

FOREST PRODUCTS

FILE COPY

STATE OF MISSISSIPPI
DEPARTMENT OF ENVIRONMENTAL QUALITY
JAMES I. PALMER, JR.
EXECUTIVE DIRECTOR

April 10, 1995

Mr. Anthony N. Helms, Plant Manager
Kerr-McGee Chemical Corporation
P. O. Box 906
Columbus, Mississippi 39703

Dear Mr. Helms:

Re: Permit No. MSP090021
Lowndes County

Enclosed is a copy of the Compliance Evaluation Inspection Report completed as a result of this office's inspection at Kerr-McGee Chemical Corporation on April 4, 1995. The report should be used by you as a guide for complying with requirements and limitations stated in your pretreatment permit.

If you have any questions concerning this matter, please contact us at 961-5171.

Respectfully,

Milton Brumfield
Industrial Pretreatment Section

MRB:ap
Enclosures
cc: Mr. Paul Zetterholm (w/attachment)

M E M O R A N D U M

TO: File- (MSP090021) Kerr-McGee Chemical Corp.

FROM: Milton Brumfield

SUBJECT: Compliance Evaluation Inspection (CEI)

On April 4, 1995, I met with Mr. Chuck Swann of Kerr-McGee Chemical Corp. for a compliance evaluation inspection. Mr. Swann accompanied me on an inspection of the facility and grounds. The following were noted:

1. Good record keeping.
2. pH is checked on site by outside lab.
3. No non-compliance discharges were noted.
4. Flow measurement is adequate.
5. In possession of pretreatment permit.
6. DMR's were in order and caculations were correct.
7. Operations appeared sufficient.
8. No problems were noted.

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
MAR 23 1995
Dept. of Environmental Quality
Office of Pollution Control

March 21, 1995

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of February 1995. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Anthony N. Helms

Anthony N. Helms
Plant Manager

Enclosures

ANH/tjj

cc: N. Bock

FOREST PRODUCTS

MRB

DW

STATE OF MISSISSIPPI

DEPARTMENT OF ENVIRONMENTAL QUALITY

JAMES I. PALMER, JR.
EXECUTIVE DIRECTOR

To: Milton Brumfield
From: Dewitt Spurgeon NRO
Date: February 22, 1995

Subject: Compliance Monitoring
Kerr McGee Permit # 90021
Lowndes County

On February 21, 1995, Clift Jeter and I traveled to Lowndes County, to collect grab samples at the above facility and perform a scheduled O/M Inspection. We met with Mr. A. N. Helms, Plant Manager. Mr. Helms accompanied us to the sampling point.

The water we sampled at discharge point # 001, was brown in color with a slight odor. The pH of the water we sampled was 7.9 and the flow was .027306 mgd.

We found no problems during our inspection.

If we can be of further assistance, please advise.

DS:ds

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
FEB 23 1995
Dept. of Environmental Quality
Office of Pollution Control

February 22, 1995

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of January 1995. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Anthony N. Helms

Anthony N. Helms
Plant Manager

Enclosures

ANH/tjj

cc: N. Bock

KERR-McGEE CHEMICAL CORPORATION
P.O. BOX 906 • COLUMBUS, MISSISSIPPI 39703-0906

RECEIVED
JAN 19 1995
Dept. of Environmental Quality
Office of Pollution Control

January 17, 1995

Mississippi Department of Natural Resources
Bureau of Pollution Control
P. O. Box 10385
Jackson, MS 39209

Attention: Milton Brumfield

Dear Mr. Brumfield:

Attached, please find the Discharge Monitoring Report for the month of December 1994. If you have any questions please contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION
FOREST PRODUCTS DIVISION

Anthony N. Helms

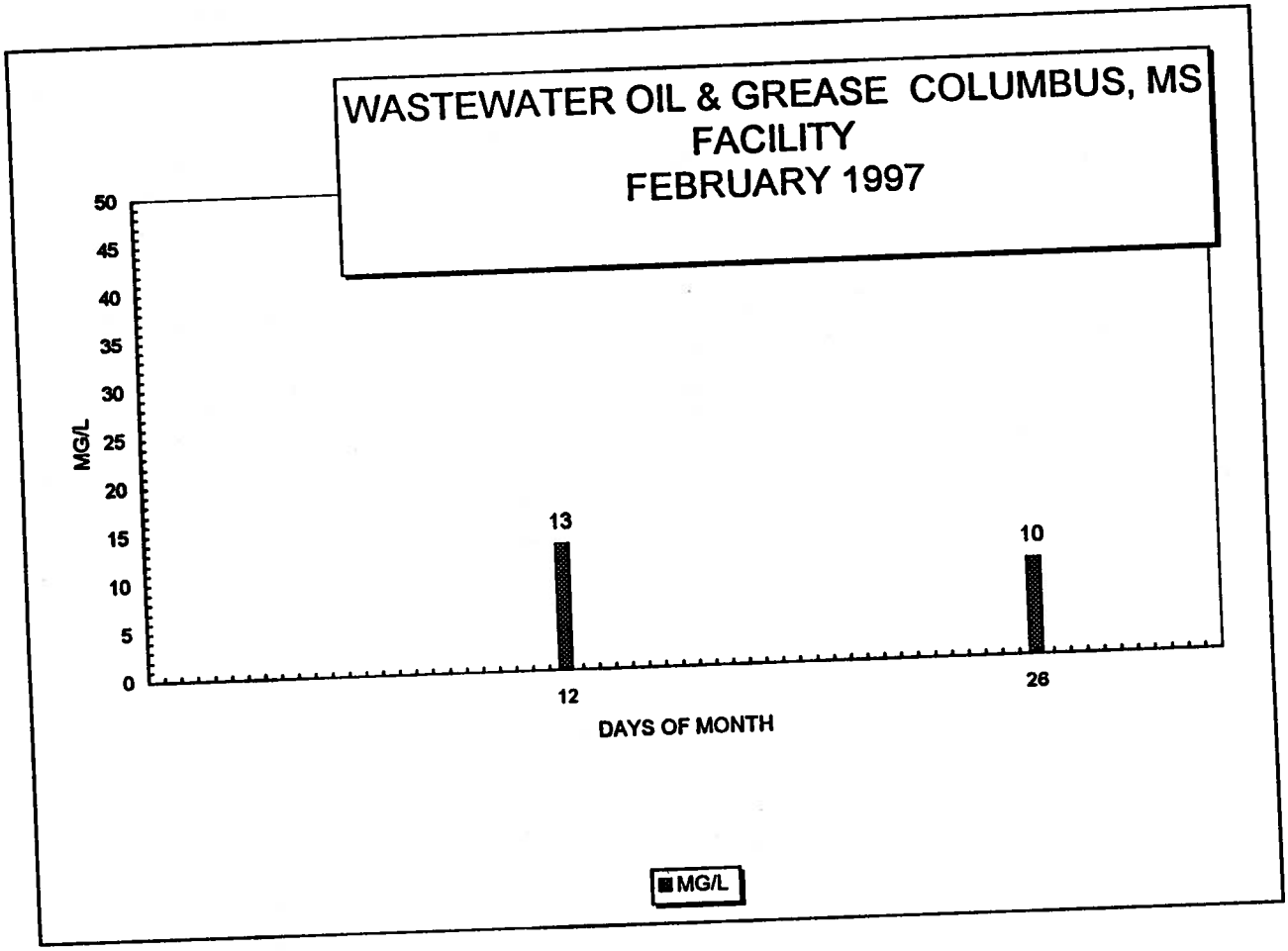
Anthony N. Helms
Plant Manager

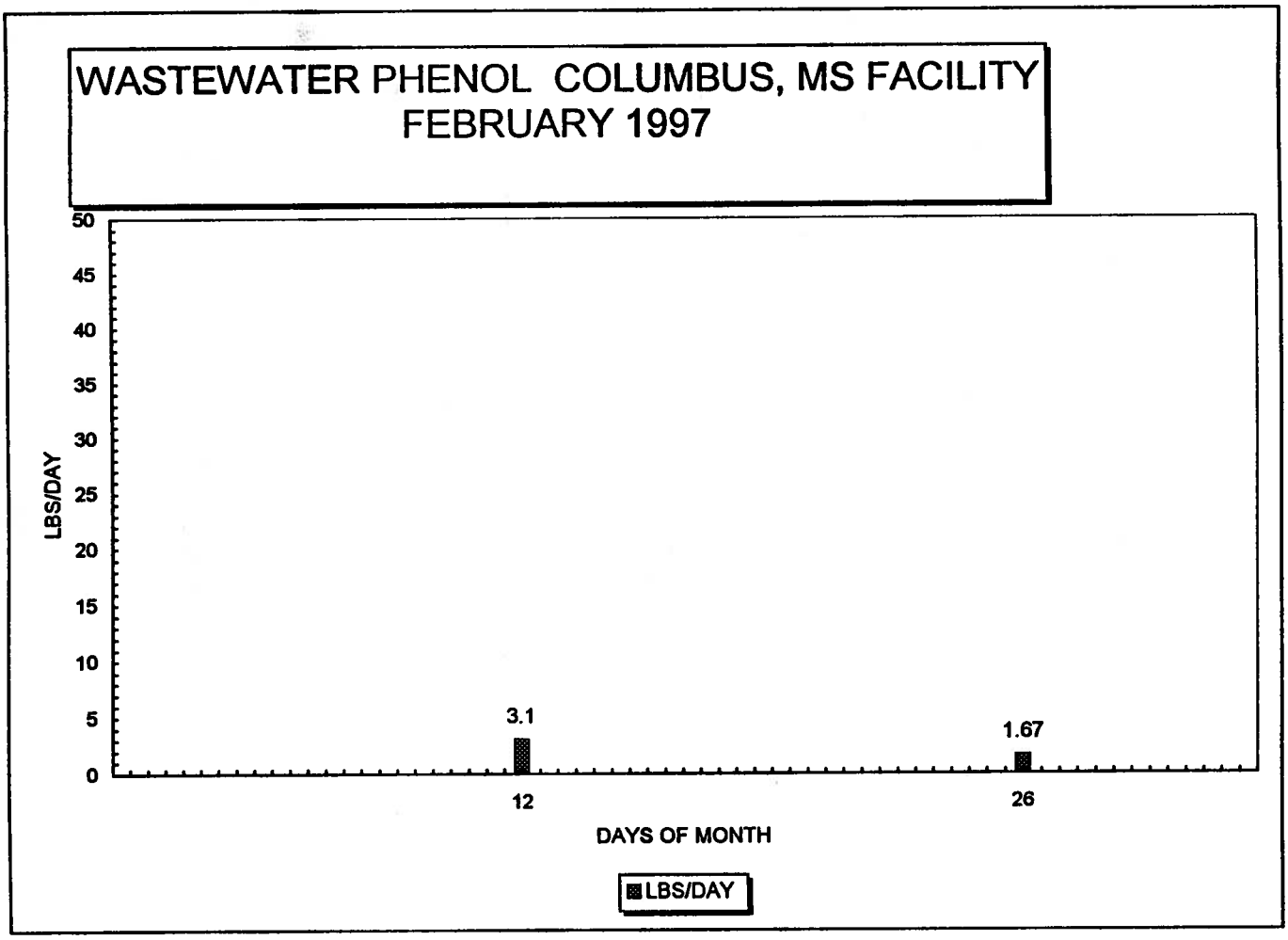
Enclosures

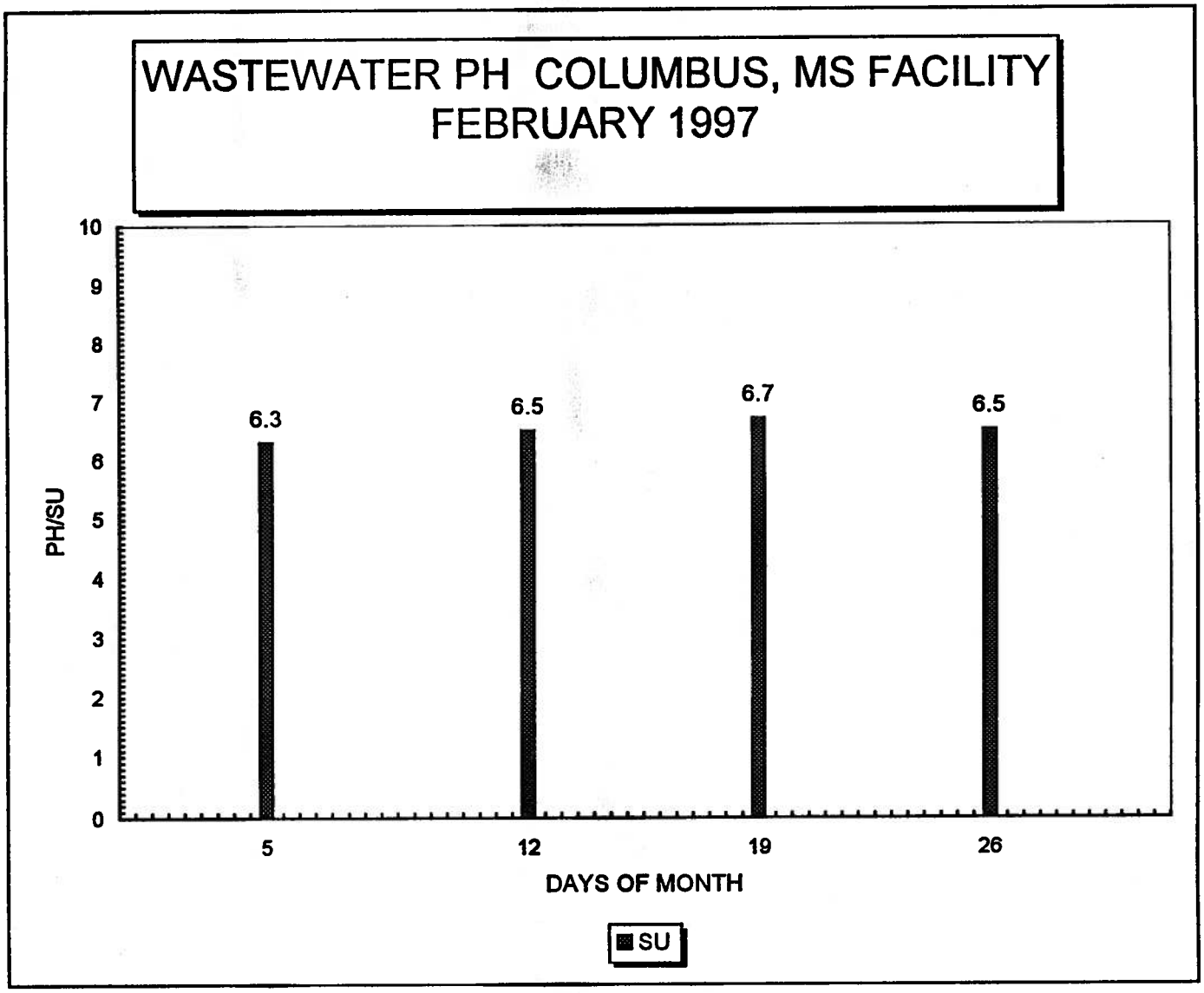
ANH/tjj

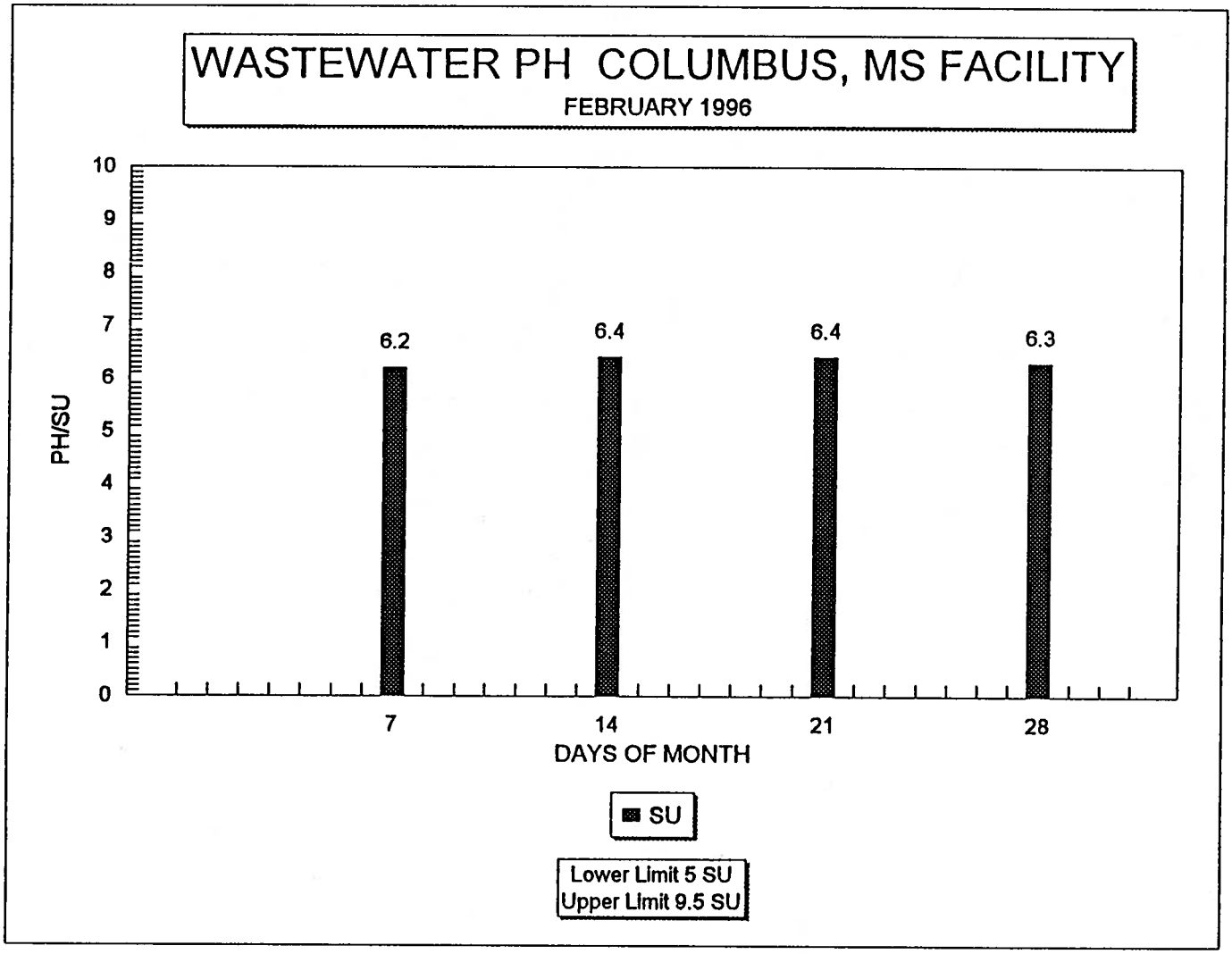
cc: N. Bock

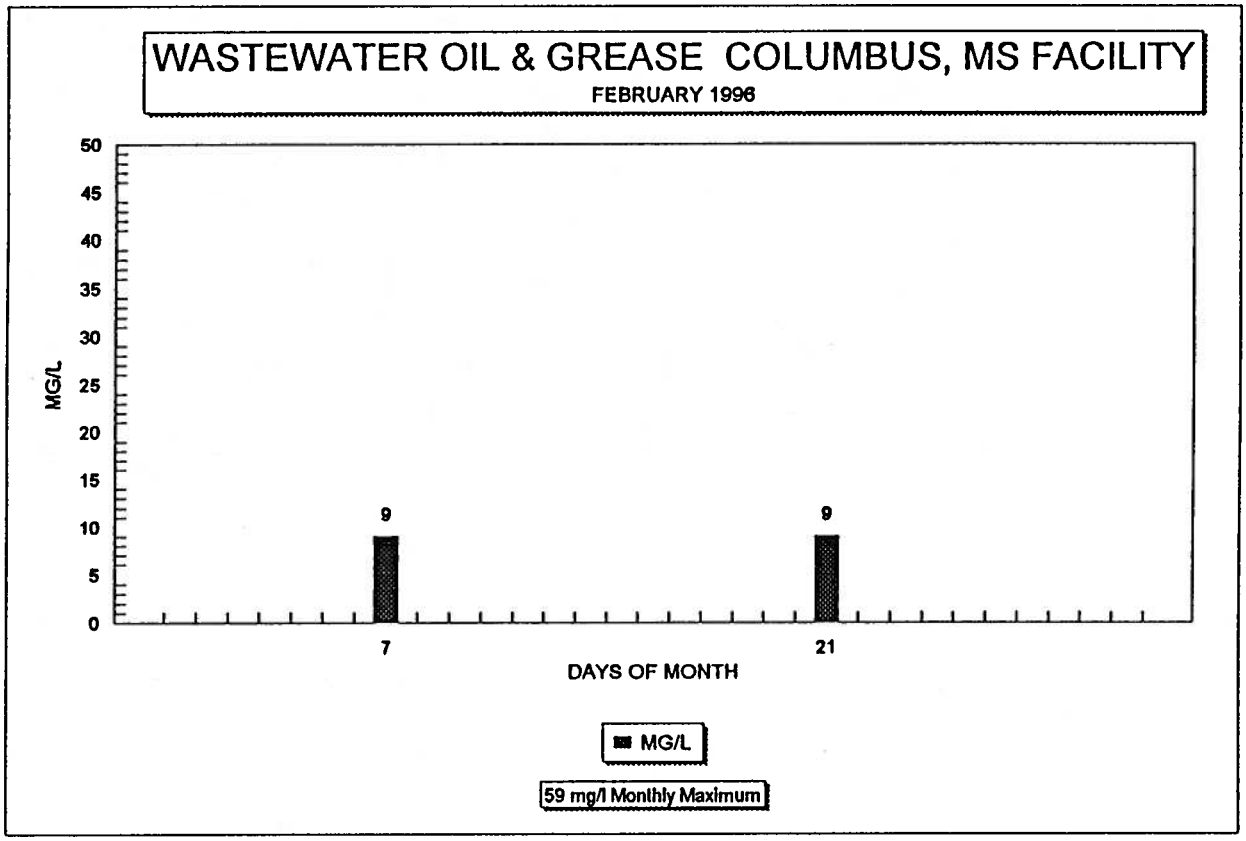
Forest Products

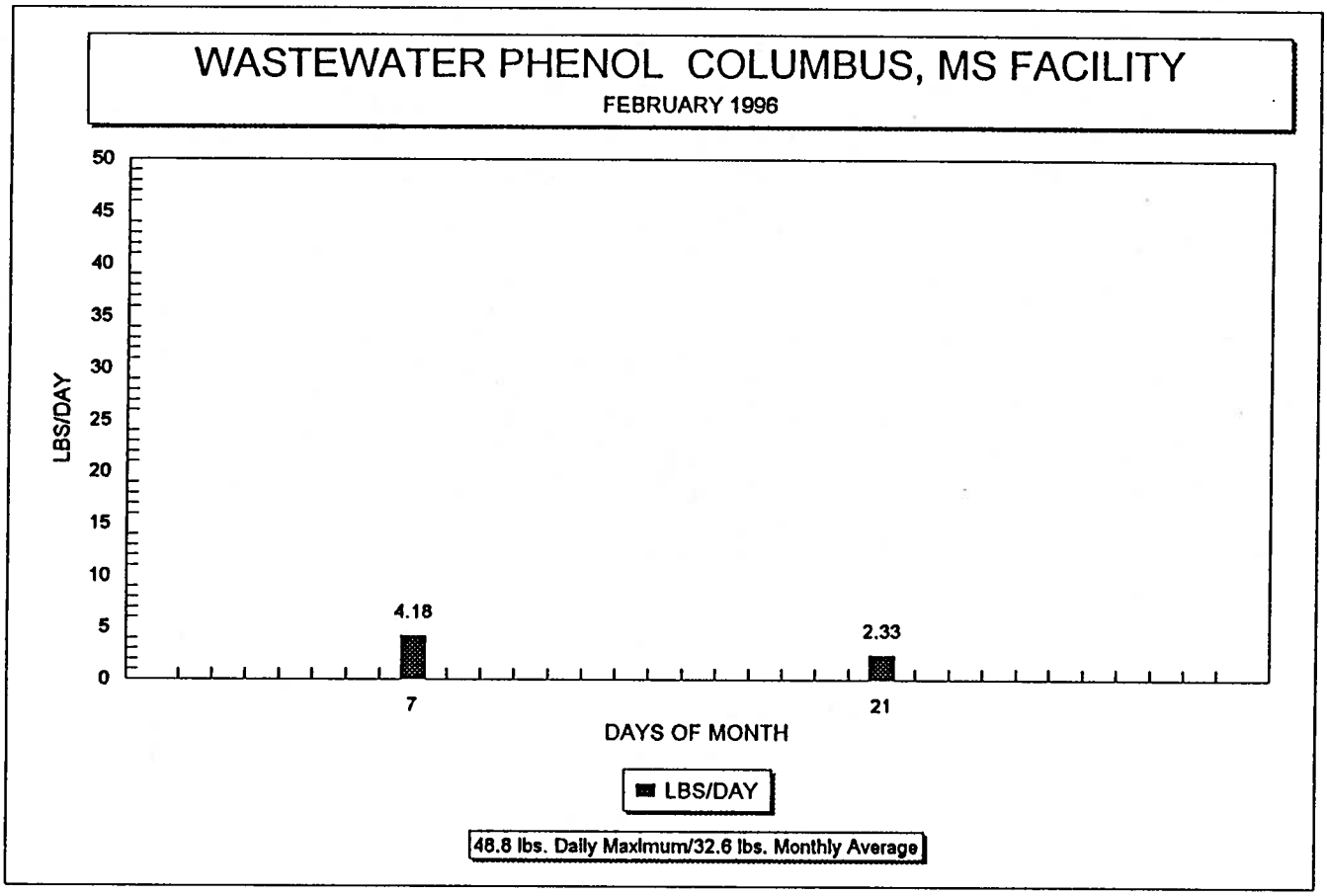

WASTEWATER OIL & GREASE COLUMBUS, MS
FACILITY
FEBRUARY 1997
MG/L
50
45
40
35
30
25
20
15
10
5
0
13
10
12
26
DAYS OF MONTH
MG/L


WASTEWATER PHENOL COLUMBUS, MS FACILITY
FEBRUARY 1997
LBS/DAY
50
45
40
35
30
25
20
15
10
5
0
3.1
1.67
12
26
DAYS OF MONTH
LBS/DAY


WASTEWATER PH COLUMBUS, MS FACILITY
FEBRUARY 1997
PH/SU
10
9
8
7
6
5
4
3
2
1
0
6.3
6.5
6.7
6.5
5
12
19
26
DAYS OF MONTH
SU

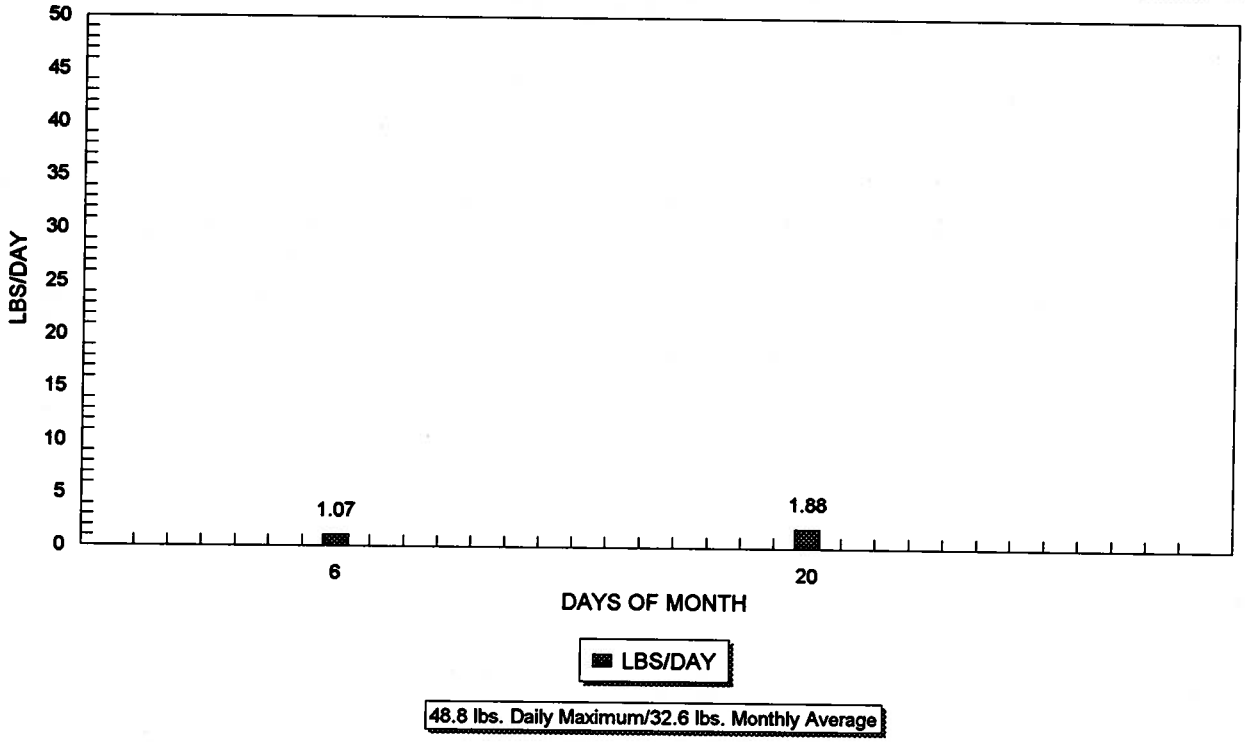

WASTEWATER PH COLUMBUS, MS FACILITY
FEBRUARY 1996
PH/SU
10
9
8
7
6
5
4
3
2
1
0
6.2
6.4
6.4
6.3
7
14
21
28
DAYS OF MONTH
SU
Lower Limit 5 SU
Upper Limit 9.5 SU


WASTEWATER OIL & GREASE COLUMBUS, MS FACILITY
FEBRUARY 1996
MG/L
50
45
40
35
30
25
20
15
10
5
0
9
9
7
21
DAYS OF MONTH
MG/L
59 mg/l Monthly Maximum

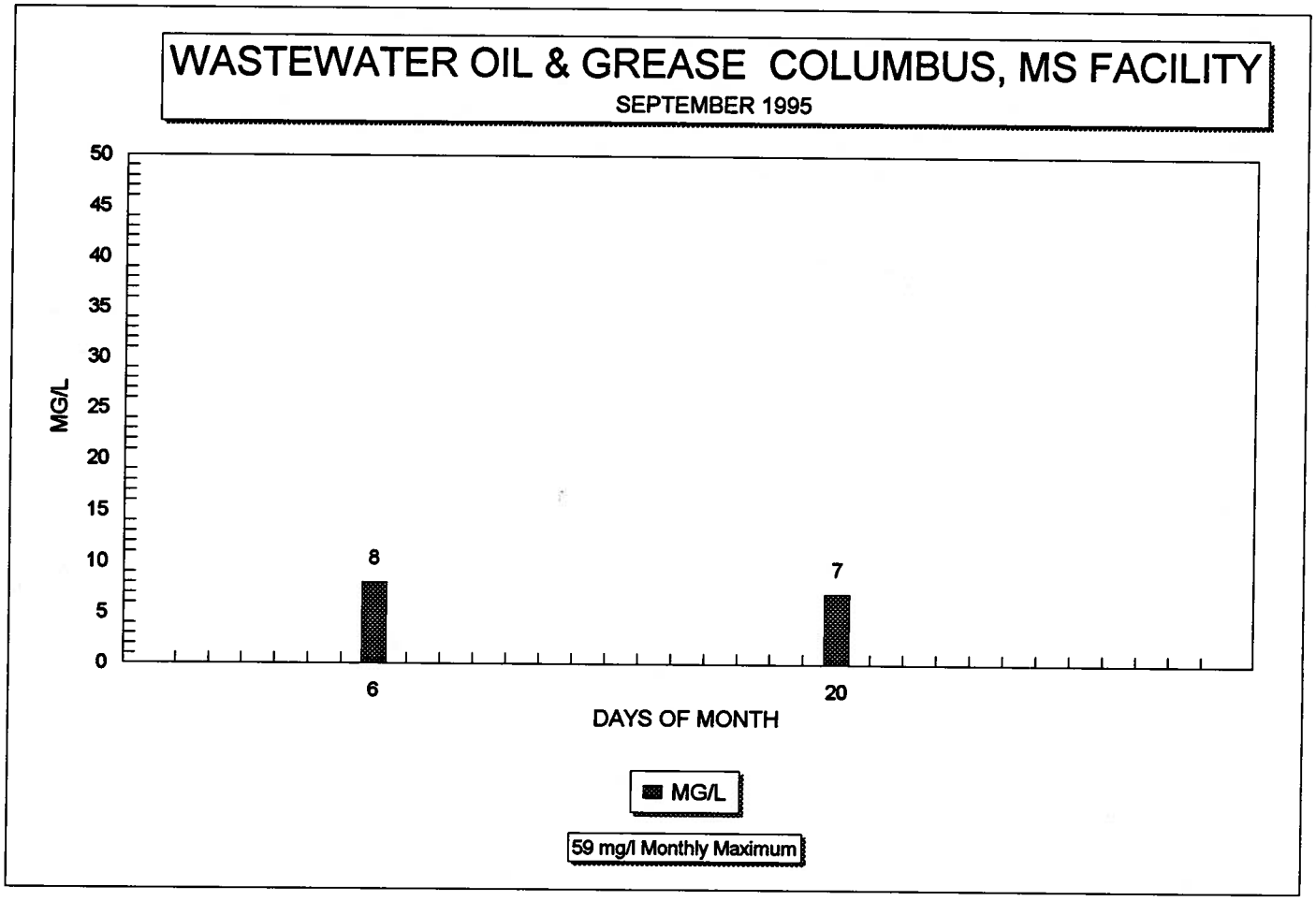

WASTEWATER PHENOL COLUMBUS, MS FACILITY
FEBRUARY 1996
LBS/DAY
50
45
40
35
30
25
20
15
10
5
0
4.18
2.33
7
21
DAYS OF MONTH
LBS/DAY
48.8 lbs. Daily Maximum/32.6 lbs. Monthly Average

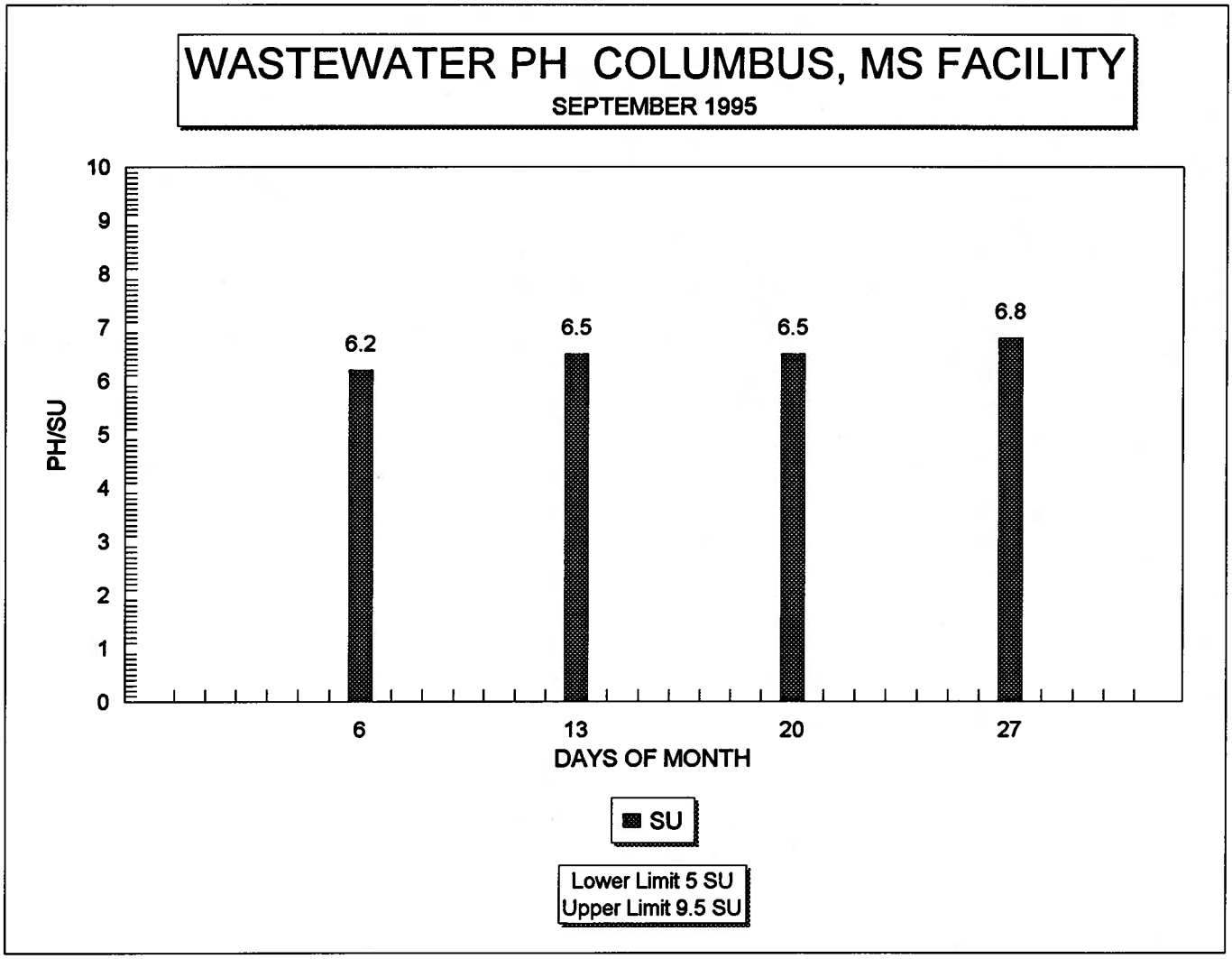
WASTEWATER PHENOL COLUMBUS, MS FACILITY

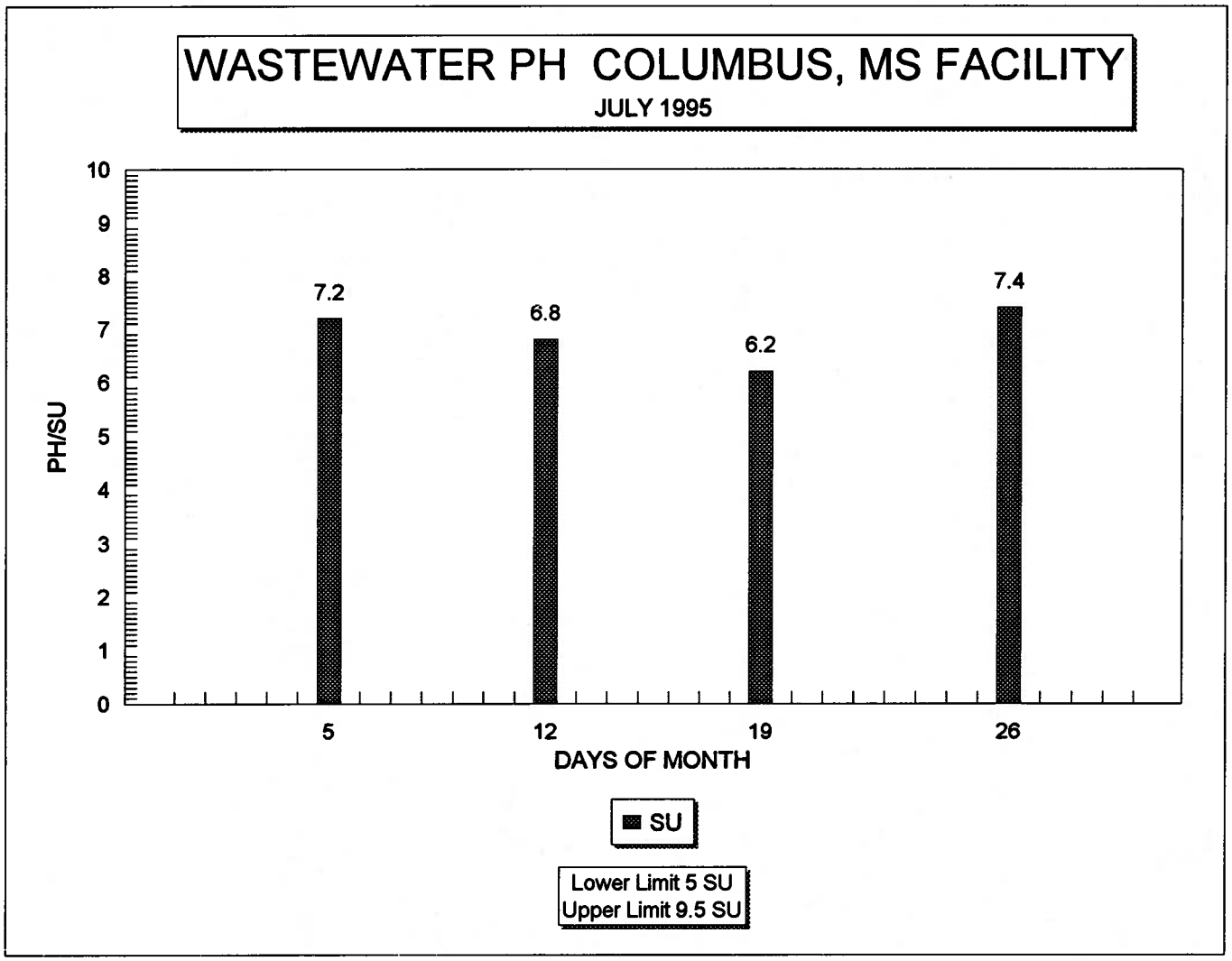
SEPTEMBER 1995

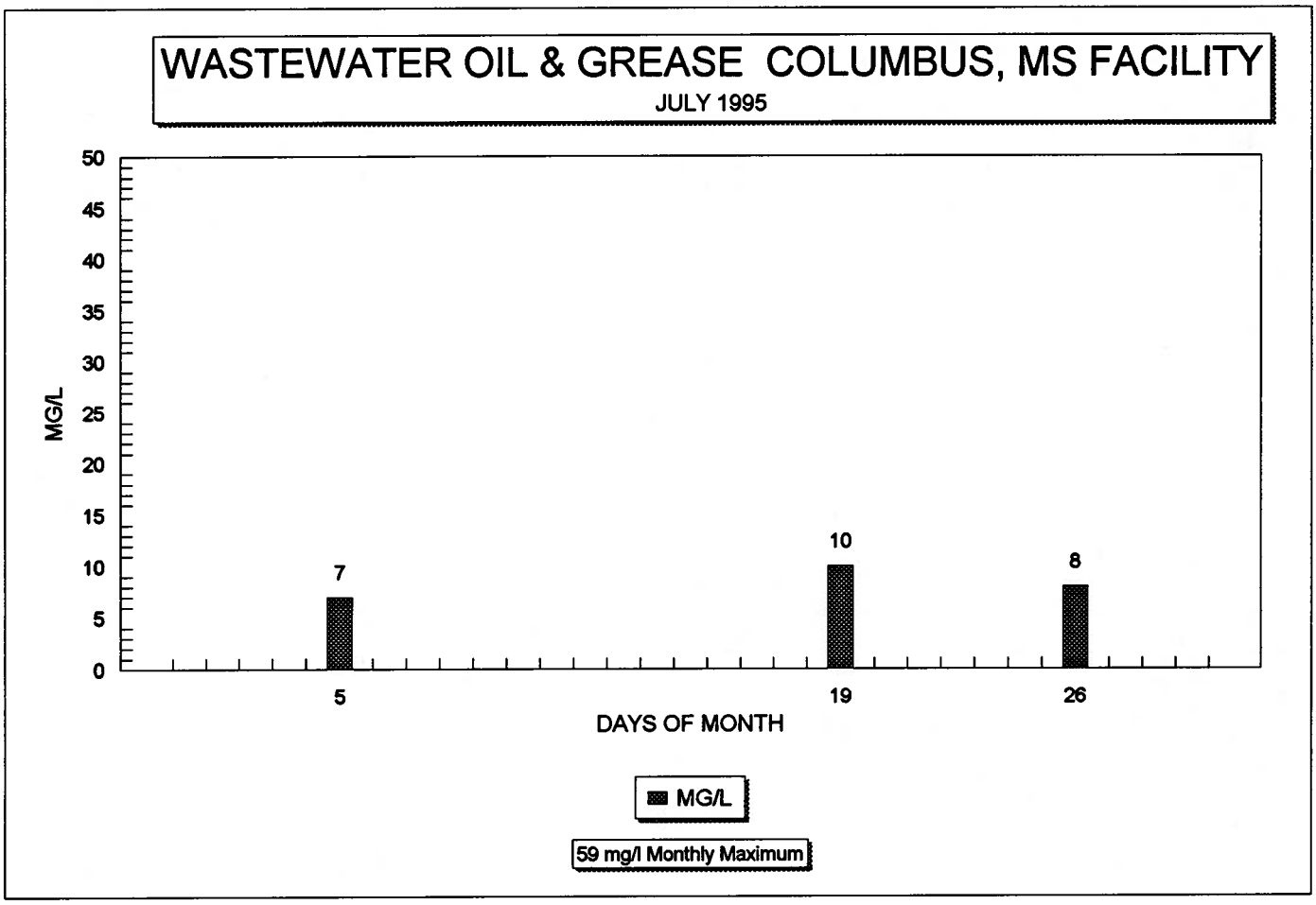


48.8 lbs. Daily Maximum/32.6 lbs. Monthly Average


WASTEWATER OIL & GREASE COLUMBUS, MS FACILITY
SEPTEMBER 1995
MG/L
50
45
40
35
30
25
20
15
10
5
0
8
7
6
20
DAYS OF MONTH
MG/L
59 mg/l Monthly Maximum

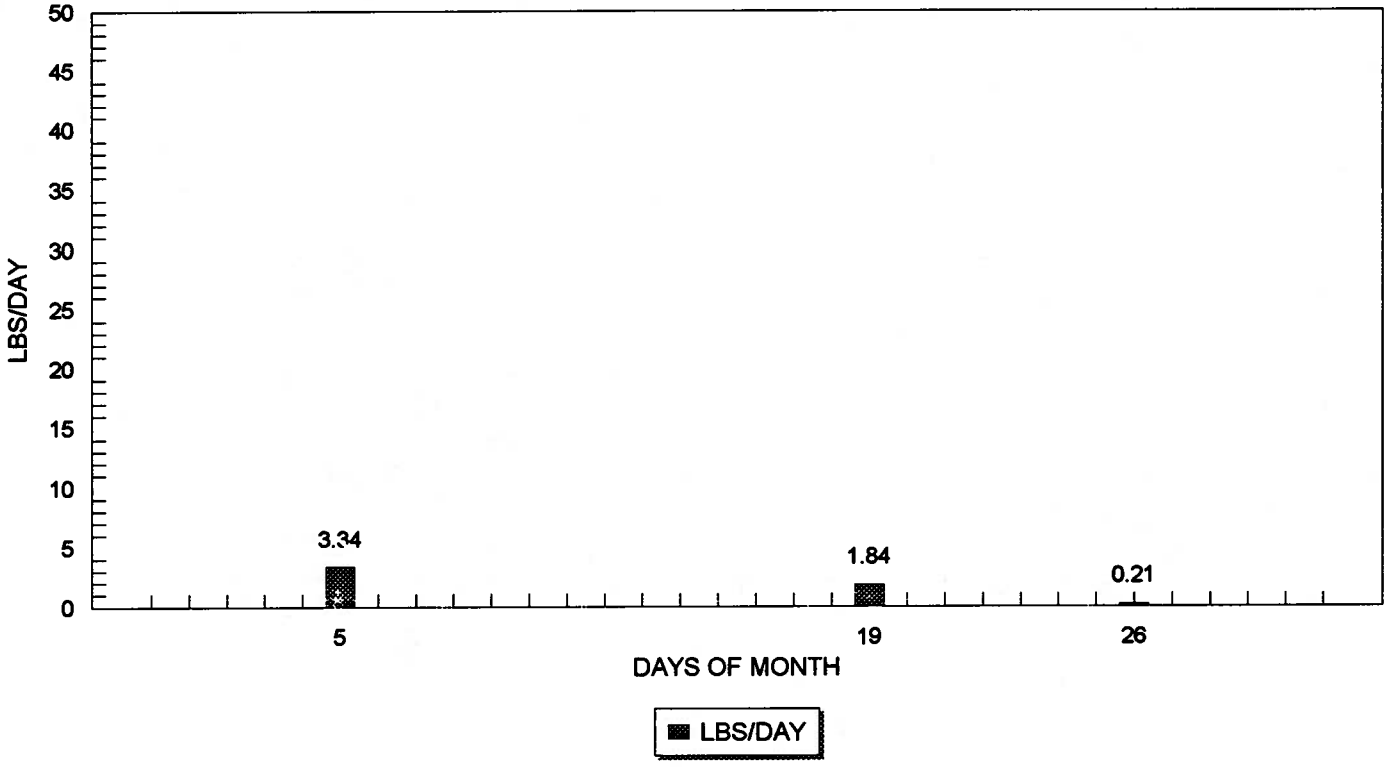

WASTEWATER PH COLUMBUS, MS FACILITY
SEPTEMBER 1995
PH/SU
10
9
8
7
6
5
4
3
2
1
0
6.2
6.5
6.5
6.8
6
13
20
27
DAYS OF MONTH
SU
Lower Limit 5 SU
Upper Limit 9.5 SU


WASTEWATER PH COLUMBUS, MS FACILITY
JULY 1995
PH/SU
10
9
8
7
6
5
4
3
2
1
0
7.2
6.8
6.2
7.4
5
12
19
26
DAYS OF MONTH
SU
Lower Limit 5 SU
Upper Limit 9.5 SU


WASTEWATER OIL & GREASE COLUMBUS, MS FACILITY
JULY 1995
MG/L
50
45
40
35
30
25
20
15
10
5
0
7
10
8
5
19
26
DAYS OF MONTH
MG/L
59 mg/l Monthly Maximum

WASTEWATER PHENOL COLUMBUS, MS FACILITY

JULY 1995



48.8 lbs. Daily Maximum/32.6 lbs. Monthly Average