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	PO Box 268859
Columbus, MS 39701	Oklahoma City, OK 731268859

Telecommunications

Туре	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	
INCLINATION SEE 4 JU	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		10/11/1994	

Locational Data

Latitude	Longitude	Metadata	S/T/R	Map Links
33 ° 30 '	88 ° 24 '	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:	SWIMS
38 .51	34 .02		Township:	TerraServer
(033.510697)	(088.409450)		Range:	Map It

10/13/2006 12:53:36 PM

Kerr McGee Chemical Corporation, Columbus

AI General Information

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

Physical and Mailing Address

Physical Address (Primary)	Mailing Address
2300 14th Avenue North	2300 14th Avenue North
Columbus, MS 39701	Columbus, MS 39701

Telecommunications

1.36-	Address or Phone
Work phone number	(662) 328-7551

Alternate / Historic AI Identifiers

Alt ID	Alt Name	Alt Type	Start Date	End Date
08700020	Kerr McGee Chemical Corporation, Columbus	Air-AIRS AFS	10/12/2000	
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	05/31/2011
1696	Kerr McGee Chemical Corporation	Official Site Name	10/27/1992	
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

Regulatory Programs

- 1		SubProgram
	Air	SM

Hazardous Waste	TSD - Not Classified
Water	PT CIU
Water	PT CIU - Timber Products Processing (Subpart 429)
Water	PT SIU

Locational Data

Latitude	Longitude	Method	Datum	Section / Township / Range	Map It
33 ° 30 ' 38 .51 (033.510697)		GPS Code (Psuedo Range) Differential	NAD83	//	SWIMS / TerraServer / Map It

Report Date: 8/17/2004 2:23:43 PM

Well Style Wall Chemica Masee Kerr Site Name: Official / Legal Name: Water Type: >4/1/1/1/ /11-MOV Air Type: . . SW Type: HW Type: Site General Information MANSE County: Contact Name: Mr. Munas Contact Title: and Contact Phone: Ave (1) 20+4 5+ Physical Address City, State, Zip: 39703 77 C **Mailing Address** City, State, Zip: Owner's Name: Owner's Address City, State, Zip: Operator or Contractor Name: Address State, Zip: Site Identification Information 14611 **ECED Contact:** SIC3: SIC2: 2491 SIC1: DOO ଯଠି 5 digit ID assigned by Air Divisio Air ID: Dunn and Bradstreet Number: Site Basin Air Detail Air Programs MACT NESHAPS NSPS PSD SIP

Classification:

MDEO OPC Locational Data Entry Fo	<u>rm</u> /4
Page 1 of \(\frac{1}{2}\)	St. 9/3
Site Name: Kerr MEGEE	
Address: City: State: MS Zip: County: Lowndes	
Site Unique Identifier: NPDES MSR & Site Unique Identifier Description: Permit # 90 (Permit#, EPA ID, Monitoring Station #, etc)	20010 20010
Latitude: 33 Degrees 30 Minutes 36.6 Seconds	ear sc se
Longitude: 88 Degrees 24 Minutes 36. 1 Seconds	
Elevation:ft.	
Method of Collection:G3 - Differential (± 3m)G6 - Autonomous (± 100m)	
Point Description: PG - Plant Entrance (General NE - NE Corner of Land Parce SE - SE Corner of Land Parce NW - NW Corner of Land Parce SW - SE Corner of Land Parce	1 1 1
CE - Center of Facility WL - Well* WM - Ambient Water Mon. Stat	
AM - Ambient Air Mon. Station	
Comments:	
	50

MDEQ OPC Locational Data Entry Form

Page 1 of 32
Site Name AcGer
Address: 2300 - 14th AVENUE NORTH MSR 220010 City: Cocumbus State: MS Zip: 39701 County:
Site Unique Identifier: Front Door To Depute Site Unique Identifier Description: Sam Gari (Permit#, EPA ID, Monitoring Station #, etc) 33 30 38.51 Latitude: 33 Degrees 58 Minutes 15.56 Seconds 86 24 34 32 Longitude: 46 Degrees 29 Minutes 01.30 Seconds Elevation: 236ft.
Method of Collection: YG3 - Differential (± 3m) G6 - Autonomous (± 100m)
Point Description:XPG - Plant Entrance (General)NE - NE Corner of Land ParcelSE - SE Corner of Land ParcelNW - NW Corner of Land ParcelSW - SE Corner of Land ParcelCE - Center of FacilityWL - Well*WM - Ambient Water Mon. StationAM - Ambient Air Mon. Station
Comments:
*This point should be used only for wells in cases where there is no other identifiable facility. Collected By: Date Collected: // Juloo

Locational Data Entry Form Supplement Page 2 of 32 Site Name: KERR - Mc Gre Point Unique Identifier: Closed Surface impoundments Point Unique Identifier Description: RCRA REPRESENTED TO (Stack #, Discharge #, Monitoring Station #, etc...) 3) Degrees 30 Minutes 34.53 Seconds Latitude: Longitude: 16 Degrees 14 Minutes 36.49 Seconds Elevation: \87 ft. Method of Collection: G3 - Differential (± 3m) G6 - Autonomous (± 100m) Point Description: ___PP - Plant Entrance (Personnel) PF - Plant Entrance (Freight) AS - Air Release Stack AV - Air Release Vent ST - Storage Vent WR - Water Release Pipe SP - Lagoon or Settling Pond LW - Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp XSD - Solid Waste Tretmt/Disp Unit SS - Solid Waste Storage Area LF - Loading Facility PU - Process Unit WL - Well WM - Water Monitoring Station AM - Air Monitoring Station OT - Other (Describe in Comments) UN - Unknown Comments:

Collected By: Source

Date Collected: // JULOO

Locational Data Entry Form Supplement Page 3 of 32 Site Name: Kerr McGEE Point Unique Identifier: <u>CME-3</u> Point Unique Identifier Description: Monitoring (well (RCRS-GG)) (Stack #, Discharge #, Monitoring Station #, etc...) 33 Degrees 30 Minutes 35 . 14 Seconds Latitude: Longitude: 88 Degrees 24 Minutes 36 . 19 Seconds Elevation: M3 ft. Method of Collection: \times G3 - Differential(± 3m) G6 - Autonomous (± 100m) Point Description: PP - Plant Entrance (Personnel) PF - Plant Entrance (Freight) AS - Air Release Stack AV - Air Release Vent ST - Storage Vent WR - Water Release Pipe SP - Lagoon or Settling Pond LW - Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp SD - Solid Waste Tretmt/Disp Unit SS - Solid Waste Storage Area LF - Loading Facility PU - Process Unit ✓ WL - Well WM - Water Monitoring Station AM - Air Monitoring Station OT - Other (Describe in Comments) UN - Unknown Comments:

Collected By: Soun Suff Date Collected: // JULOD

Locational Data Entry Form Supplement

P	a	a	e	_4_	of	.3	2
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Site Name: V Al C
Site Name: Kerre - McGer
Point Unique Identifier: <u>CME-5</u> Point Unique Identifier Description: <u>RCRA GW Menitoring Well</u> (Stack #, Discharge #, Monitoring Station #, etc)
Latitude: 33 Degrees 30 Minutes 28.69 Seconds
Longitude: 4 Degrees 24 Minutes 14 .29 Seconds
Elevation: 206ft.
Method of Collection: X G3 - Differential(± 3m) G6 - Autonomous(± 100m)
PP - Plant Entrance (Personnel) PF - Plant Entrance (Freight) AS - Air Release Stack AV - Air Release Vent ST - Storage Vent WR - Water Release Pipe SP - Lagoon or Settling Pond LW + Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp SD - Solid Waste Tretmt/Disp Unit SS - Solid Waste Storage Area LF - Loading Facility PU - Process Unit WL - Well WM - Water Monitoring Station AM - Air Monitoring Station OT - Other (Describe in Comments) UN - Unknown
Comments:
Date Collected: // Tuko

Locational Data Enly Form Supplement Page 5 of 32

Site Name: Kerr - McGes
Point Unique Identifier: <u>CME-6</u> Point Unique Identifier Description: RCRA 60 Monday Well (Stack #, Discharge #, Monitoring Station #, etc)
Latitude: 37 Degrees 30 Minutes 30.30 Seconds
Longitude: 88 Degrees 24 Minutes 25.46 Seconds
Elevation:ft.
Method of Collection: XG3 - Differential(± 3m) G6 - Autonomous(± 100m)
PP - Plant Entrance (Personnel) PF - Plant Entrance (Freight) AS - Air Release Stack AV - Air Release Vent ST - Storage Vent WR - Water Release Pipe SP - Lagoon or Settling Pond LW - Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp SD - Solid Waste Tretmt/Disp Unit SS - Solid Waste Storage Area LF - Loading Facility PU - Process Unit WL - Well WM - Water Monitoring Station AM - Air Monitoring Station OT - Other (Describe in Comments)
UN - Unknown Comments:
Collected By: Date Collected: [[JULOO

Locational Data Entry Form Supplement Page 6 of 72 Site Name: EME - KERR - McGER Point Unique Identifier: CME-7 Point Unique Identifier Description: RCRS GW Monton Well (Stack #, Discharge #, Monitoring Station #, etc...) 3 Degrees 30 Minutes 30.69 Seconds Latitude: Longitude: 88 Degrees 24 Minutes 19.30 Seconds Elevation: 190 ft. G6 - Autonomous (± 100m) Point Description: ___PP - Plant Entrance (Personnel) PF - Plant Entrance (Freight) AS - Air Release Stack AV - Air Release Vent ST - Storage Vent WR - Water Release Pipe SP - Lagoon or Settling Pond LW + Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp SD - Solid Waste Tretmt/Disp Unit SS - Solid Waste Storage Area LF - Loading Facility PU - Process Unit X WL - Well WM - Water Monitoring Station AM - Air Monitoring Station OT - Other (Describe in Comments) UN - Unknown Comments:

Collected By:

Date Collected: // Julio

Locational Data Encry Form Supplement	
Page $\frac{7}{2}$ of $\frac{32}{2}$	
Site Name: Kere-McGer	
Point Unique Identifier: CME. 8	
Point Unique Identifier Description: RCR Monitor Well	fi
(Stack #, Discharge #, Monitoring Station #, etc)	• 3
2 71 71 71 71	
Latitude: 30 Minutes 26.71 Seconds	5
Longitude: 44 Degrees Minutes 30.12 Seconds	
Elevation: 40 ft.	
C3 - Differential (+ 3m)	
Method of Collection: G3 - Differential (± 3m) G6 - Autonomous (± 100m)	
G6 - Autonomous (± 100m)	
DD Dlant Entrance (Personnel)	
Point Description: PP - Plant Entrance (Personnel) PF - Plant Entrance (Freight)	
AS - Air Release Stack	
AV - Air Release Vent	
ST - Storage Vent	9
WR - Water Release Pipe	
SP - Lagoon or Settling Pond	
LW - Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp	/ 18E - 1
SD - Solid Waste Tretmt/Disp Unit	
SS - Solid Waste Storage Area	
LF - Loading Facility	
PU - Process Unit	×
—————————————————————————————————————	
WM - Water Monitoring Station	
AM - Air Monitoring Station	
OT - Other (Describe in Comments)	
UN - Unknown	
Comments:	
	

Collected By:

Hour with

Date Collected: //Juloo

Locational Data Evry Form Supplement Page 6 of 32

Site Name: Kerr McGes
Site Name. Rept Pilote
Point Unique Identifier: CMW 1AR
Point Unique Identifier Description: Reas Go Monton, well
(Stack #, Discharge #, Monitoring Station #, etc)
- 20 Minutes 39 of Cocondo
Latitude: 33 Degrees 30 Minutes 38 .52 Seconds
Longitude: 8 Degrees 24 Minutes 29 . 79 Seconds
Elevation: 144ft.
Method of Collection: XG3 - Differential(± 3m)
G6 - Autonomous (± 100m)
Point Description:PP - Plant Entrance (Personnel)
PF - Plant Entrance (Freight) AS - Air Release Stack
AS - All Release Stack AV - Air Release Vent
ST - Storage Vent
WR - Water Release Pipe
SP - Lagoon or Settling Pond
LW - Liquid Waste Treatment Unit
AE - Atmos. Emissions Trtmnt/Disp
SD - Solid Waste Tretmt/Disp Unit SS - Solid Waste Storage Area
LF - Loading Facility
PU - Process Unit
─────────────────────────────────────
WM - Water Monitoring Station
AM - Air Monitoring Station
OT - Other (Describe in Comments) UN - Unknown
ON ~ OIIRIOWII
Comments:
Comments.
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Locational Data Entry Form Supplement

Page	9	of	32
cito	Name		Vmc

Site Name: KERR - Mc Goe
Point Unique Identifier: CMW 3 Point Unique Identifier Description: RCRA Menitoring Well (Stack #, Discharge #, Monitoring Station #, etc)
Latitude: 33 Degrees 30 Minutes 34.42 Seconds
Longitude: 68 Degrees 24 Minutes 31.92 Seconds
Elevation: 190ft.
Method of Collection: $\bigcirc G3$ - Differential(± 3m) $\bigcirc G6$ - Autonomous(± 100m)
Point Description:
Comments:
Collected By: Date Collected: // Julos

Locational Data En Ly Form Supplement Page 10 of 32 Site Name: KERR - Mc Gre Point Unique Identifier: ____ Cmw 6 Point Unique Identifier Description: RCRA Menitoria Well (Stack #, Discharge #, Monitoring Station #, etc...) Latitude: 33 Degrees 36 Minutes 35.23 Seconds Longitude: 68 Degrees 24 Minutes 32 .36 Seconds Elevation: 177ft. Method of Collection: \nearrow G3 - Differential(± 3m) G6 - Autonomous (± 100m) Point Description: ___PP - Plant Entrance (Personnel) PF - Plant Entrance (Freight) AS - Air Release Stack AV - Air Release Vent ST - Storage Vent WR - Water Release Pipe SP - Lagoon or Settling Pond LW + Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp SD - Solid Waste Tretmt/Disp Unit SS - Solid Waste Storage Area LF - Loading Facility PU - Process Unit WL - Well WM - Water Monitoring Station AM - Air Monitoring Station OT - Other (Describe in Comments) UN - Unknown Comments:

Collected By: Source

Date Collected: // Tules

Locational Data Encry Form Supplement Page of 32
Site Name: Kerr-McGer
Point Unique Identifier: CMW 7 Point Unique Identifier Description: RCRA Menitoring (well (Stack #, Discharge #, Monitoring Station #, etc)
Latitude: 33 Degrees 30 Minutes 35.23 Seconds
Longitude: 88 Degrees 24 Minutes 33 . 22 Seconds
Elevation: 67ft.
Method of Collection: GG3 + Differential(± 3m) GG6 - Autonomous(± 100m)
PP - Plant Entrance (Personnel) PF - Plant Entrance (Freight) AS - Air Release Stack AV - Air Release Vent ST - Storage Vent WR - Water Release Pipe SP - Lagoon or Settling Pond LW - Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp SD - Solid Waste Tretmt/Disp Unit SS - Solid Waste Storage Area LF - Loading Facility PU - Process Unit WL - Well WM - Water Monitoring Station AM - Air Monitoring Station OT - Other (Describe in Comments) UN - Unknown
Comments:
Date Collected: /(JJL 80

Locational D Page <u> L</u> of	ata Enery Form Supplement
	KERR-Mc GOE
Point Unique Point Unique (Stack #, D:	Identifier:
Longitude:	88 Degrees 24 Minutes 33.93 Seconds
Elevation:	
Method of C	ollection: \bigcirc G3 - Differential(± 3m) G6 - Autonomous(± 100m)
Point Descr	PP - Plant Entrance (Personnel) PF - Plant Entrance (Freight) AS - Air Release Stack AV - Air Release Vent ST - Storage Vent WR - Water Release Pipe SP - Lagoon or Settling Pond LW - Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp SD - Solid Waste Tretmt/Disp Unit SS - Solid Waste Storage Area LF - Loading Facility PU - Process Unit WL - Well WM - Water Monitoring Station AM - Air Monitoring Station OT - Other (Describe in Comments) UN - Unknown
11 6	
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Collected By: Your Lufe

Date Collected: / Julian

Locational Data Entry Form Supplement Page 13 of 32

Stack #, Dis	charge #, 33 Degrees	30 Minutes	: RCRA Monitoring Well tation #, etc) 30.12 Seconds	
ongitude: /	84 Degrees	<u>Minutes</u>	77.62 Seconds	
levation: _		3 3 C		
ethod of Col	llection:	G3 → Diffe G6 - Autor	erential(± 3m) nomous(± 100m)	
Point Descrip		PP - Plant Entr PF - Plant Entr AS - Air'Releas		
		AS - AIT RELEAS AV - Air Releas ST - Storage Ve	e Vent	· ,
		WR - Water Rele SP - Lagoon or	ase Pipe Settling Pond	
	4:	AE - Atmos. Emi	te Treatment Unit ssions Trtmnt/Disp te Tretmt/Disp Unit	
Thousand a	(1)	SS - Solid Wast LF - Loading Fa	te Storage Area acility	¥0
	$\overline{\mathbf{x}}$	PU - Process Un WL - Well		
	9 21	AM - Air Monitor (De	itoring Station oring Station scribe in Comments)	
8,	·	UN - Unknown		
Comments:		9		
	p ²		7 1	W

Locational Data Entry Form Supplement Page 14 of 32

Site Name: KERR - Mc Gree
Point Unique Identifier:
Latitude: 33 Degrees 30 Minutes 34 .46 Seconds
Longitude: 88 Degrees 24 Minutes 29 .95 Seconds
Elevation: 157ft.
Method of Collection: A G3 - Differential(± 3m) G6 - Autonomous(± 100m)
PP - Plant Entrance (Personnel) PF - Plant Entrance (Freight) AS - Air Release Stack AV - Air Release Vent ST - Storage Vent WR - Water Release Pipe SP - Lagoon or Settling Pond LW - Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp SD - Solid Waste Tretmt/Disp Unit SS - Solid Waste Storage Area LF - Loading Facility PU - Process Unit WL - Well WM - Water Monitoring Station AM - Air Monitoring Station OT - Other (Describe in Comments) UN - Unknown
Comments:
Sollosted By: Date Collected: //Joco

Locational Data Entry Form Supplement Page 15 of 3
Site Name: KERR - Mc GRE
Point Unique Identifier: CMW 16 Point Unique Identifier Description: RCA Menitoring Well (Stack #, Discharge #, Monitoring Station #, etc)
Latitude: 33 Degrees 30 Minutes 35.06 Seconds
Longitude: 68 Degrees 24 Minutes 36.45 Seconds
Elevation: 160 ft.
Method of Collection: \times G3 + Differential(\pm 3m)
G6 - Autonomous (± 100m)
PP - Plant Entrance (Personnel) PF - Plant Entrance (Freight) AS - Air Release Stack AV - Air Release Vent ST - Storage Vent WR - Water Release Pipe SP - Lagoon or Settling Pond LW - Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp SD - Solid Waste Tretmt/Disp Unit SS - Solid Waste Storage Area LF - Loading Facility PU - Process Unit WL - Well WM - Water Monitoring Station AM - Air Monitoring Station OT - Other (Describe in Comments) UN - Unknown
Comments:

Collected By:

Date Collected: (/Juloo

Locational Data Entry Form Supplement Page 16 of 32

Site Name: KERR-McGer
Point Unique Identifier:
Latitude: 33 Degree's 30 Minutes 33 . Z6 Seconds
Longitude: 88 Degrees 24 Minutes 25 .60 Seconds
Elevation: 190 ft.
Method of Collection: G3 - Differential (± 3m) G6 - Autonomous (± 100m)
Point Description: PP - Plant Entrance (Personnel) PF - Plant Entrance (Freight) AS - Air Release Stack AV - Air Release Vent ST - Storage Vent WR - Water Release Pipe SP - Lagoon or Settling Pond LW + Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp SD - Solid Waste Tretmt/Disp Unit SS + Solid Waste Storage Area LF - Loading Facility PU - Process Unit WL - Well WM - Water Monitoring Station AM - Air Monitoring Station OT - Other (Describe in Comments) UN - Unknown
Comments:

Locational Data Entry Form Supplement Page 17 of 37

Site Name: <u>Kerr</u>	2 - Mc Gree
Point Unique Ide (Stack #, Discha	entifier: <u>CMW 24</u> entifier Description: RCRA Monitoring Well arge #, Monitoring Station #, etc)
	Degrees 30 Minutes 28 .48 Seconds
Longitude: 88 I	Degrees ZA Minutes 14.37 Seconds
Elevation:)70:	ft.
Method of Collec	ction: G3 - Differential(± 3m) G6 - Autonomous(± 100m)
Point Descripti	PP - Plant Entrance (Personnel) PF - Plant Entrance (Freight) AS - Air Release Stack AV - Air Release Vent ST - Storage Vent WR - Water Release Pipe SP - Lagoon or Settling Pond LW - Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp SD - Solid Waste Tretmt/Disp Unit SS - Solid Waste Storage Area LF - Loading Facility PU - Process Unit WL - Well WM - Water Monitoring Station AM - Air Monitoring Station OT - Other (Describe in Comments) UN - Unknown
Comments:	
	Date Collected: // Juloo

Locational Data Entry Form Supplement

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64	CERR-Mc GRE
Point Unique (Stack #, Di	Identifier: <u>CMW Z6</u> Identifier Description: RCRA Menitoring Well Ischarge #, Monitoring Station #, etc)
	23 Degrees 30 Minutes 30 .57 Seconds
Longitude:	46 Degrees 24 Minutes 37.80 Seconds
Elevation:	
Method of C	ollection: XG3 - Differential(± 3m) G6 - Autonomous(± 100m)
Point Descr	iption: PF - Plant Entrance (Personnel) AS - Air Release Stack AV - Air Release Vent ST - Storage Vent WR - Water Release Pipe SP - Lagoon or Settling Pond LW - Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp SD - Solid Waste Tretmt/Disp Unit SS - Solid Waste Storage Area LF - Loading Facility PU - Process Unit WL - Well WM - Water Monitoring Station AM - Air Monitoring Station OT - Other (Describe in Comments) UN - Unknown
Comments:_	
Collected By:	Soun In Date Collected: // Julo 2

Locational Data Entry Form Supplement Page 19 of 32

Site Name: Kerr-Mc Ger
Point Unique Identifier:CMW 27 Point Unique Identifier Description: RCRA Monitoring (Stack #, Discharge #, Monitoring Station #, etc)
Latitude: 33 Degrees 30 Minutes 35.77 Seconds
Longitude: 88 Degrees AMinutes 16.83 Seconds
Elevation: 170 ft.
Method of Collection: \bigcirc G3 - Differential(± 3m) G6 - Autonomous(± 100m)
PP - Plant Entrance (Personnel) PF - Plant Entrance (Freight) AS - Air Release Stack AV - Air Release Vent ST - Storage Vent WR - Water Release Pipe SP - Lagoon or Settling Pond LW - Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp SD - Solid Waste Tretmt/Disp Unit SS - Solid Waste Storage Area LF - Loading Facility PU - Process Unit WL - Well WM - Water Monitoring Station AM - Air Monitoring Station OT - Other (Describe in Comments) UN - Unknown
Comments:
Date Collected: // Tubo

Locational Data Entry Form Supplement Page 20 of 32
Site Name: KERR - Mc Gree
Point Unique Identifier: CMW 28 Point Unique Identifier Description: RCRA Menitoring (Stack #, Discharge #, Monitoring Station #, etc)
Latitude: 39 Degrees 30 Minutes 35 .17 Seconds
Longitude: 46 Degrees 4 Minutes 14.45 Seconds
Elevation: (8) ft.
Method of Collection: G3 - Differential(± 3m) G6 - Autonomous(± 100m)
PP - Plant Entrance (Personnel) PF - Plant Entrance (Freight) AS - Air Release Stack AV - Air Release Vent ST - Storage Vent WR - Water Release Pipe SP - Lagoon or Settling Pond LW - Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp SD - Solid Waste Tretmt/Disp Unit SS - Solid Waste Storage Area LF - Loading Facility PU - Process Unit WL - Well WM - Water Monitoring Station AM - Air Monitoring Station OT - Other (Describe in Comments) UN - Unknown

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Date Collected: //Jr.00

Locational Data Entry Form Supplement Page 2 of 32

Site Name: Kerr-McGer
Point Unique Identifier: CMW 29 Point Unique Identifier Description: RCRA Menitoring Well (Stack #, Discharge #, Monitoring Station #, etc)
Latitude: 33 Degrees 30 Minutes 27.62 Seconds
Longitude: 88 Degrees 24 Minutes 15.68 Seconds
Elevation: /8/ft.
Method of Collection:
Point Description:
Comments:
Date Collected: //TVL00

Locational Data Entry Form Supplement Page 22 of 32

Site Name: Kenn-Mc Gree
Point Unique Identifier: <u>CMW 30</u> Point Unique Identifier Description: RCRA Monitoring Well (Stack #, Discharge #, Monitoring Station #, etc)
Latitude: 33 Degrees 30 Minutes 27.17 Seconds
Longitude: 85 Degrees 24 Minutes 16.06 Seconds
Elevation: 171 ft.
Method of Collection:G3 - Differential(± 3m) G6 - Autonomous(± 100m)
Point Description:
ST - Storage Vent WR - Water Release Pipe SP - Lagoon or Settling Pond LW - Liquid Waste Treatment Unit
AE - Atmos. Emissions Trtmnt/Disp SD - Solid Waste Tretmt/Disp Unit SS - Solid Waste Storage Area LF - Loading Facility PU - Process Unit
WL - Well WM - Water Monitoring Station AM - Air Monitoring Station OT - Other (Describe in Comments)
UN - Unknown
Comments:
Date Collected: //t/LOC

Locational Data Entry Form Supplement Page 23 of 32

Site Name: Kerr-McGre
Point Unique Identifier:
Point Unique Identifier Description: RCRA Menitoring Well
(Stack #, Discharge #, Monitoring Station #, etc)
Latitude:DegreesMinutes Seconds
Longitude:DegreesMinutes Seconds
Elevation:ft.
Method of Collection:G3 + Differential(± 3m)
G6 - Autonomous (± 100m)
Point Description:
LW - Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp SD - Solid Waste Tretmt/Disp Unit SS - Solid Waste Storage Area
LF - Loading Facility PU - Process Unit
─────────────────────────────────────
WM - Water Monitoring Station AM - Air Monitoring Station
OT - Other (Describe in Comments) UN - Unknown
Comments: Well temporary independe
Collected By: Want of Date Collected: // SULOD
Collected By: Date Collected: (1)0000

Locational Data Entry Form Supplement Page 24 of 32

Site Name: KERR - Mc Gres
Point Unique Identifier: CMW 56 Point Unique Identifier Description: RCRA Menitoring Well (Stack #, Discharge #, Monitoring Station #, etc)
Latitude: 30 Degrees 30 Minutes 26 . 30 Seconds
Longitude: 69 Degrees 14 Minutes 34.94 Seconds
Elevation: 47ft.
Method of Collection: G3 - Differential(± 3m) G6 - Autonomous(± 100m)
PP - Plant Entrance (Personnel) PF - Plant Entrance (Freight) AS - Air Release Stack AV - Air Release Vent ST - Storage Vent WR - Water Release Pipe SP - Lagoon or Settling Pond LW - Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp SD - Solid Waste Tretmt/Disp Unit SS - Solid Waste Storage Area LF - Loading Facility PU - Process Unit WL - Well WM - Water Monitoring Station AM - Air Monitoring Station OT - Other (Describe in Comments) UN - Unknown
Comments:
Date Collected: // T// 400

Locational Data Entry Form Supplement Page 25 of 32

Site Name: KERR-Mc Gree	1 2
Point Unique Identifier: CMW 57	
Point Unique Identifier Description: RCRA Monitoring Well	**
(Stack #, Discharge #, Monitoring Station #, etc)	•
Latitude:DegreesMinutes Seconds	
Longitude:DegreesMinutes Seconds	
Elevation:ft.	
Method of Collection:G3 - Differential(± 3m)	
G6 - Autonomous (± 100m)	
Point Description: PP - Plant Entrance (Personnel) PF - Plant Entrance (Freight) AS - Air Release Stack	
AV - Air Release Vent	
ST - Storage Vent	4 5
WR - Water Release Pipe	
SP - Lagoon or Settling Pond	8
LW - Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp	
SD - Solid Waste Tretmt/Disp Unit	
SS - Solid Waste Storage Area	
LF - Loading Facility	
PU - Process Unit	
XWL - Well	
WM - Water Monitoring Station	
AM - Air Monitoring Station	
OT - Other (Describe in Comments) UN - Unknown	
Comments: Well Jampany insussible	
Commences. Total familiary of the state of t	
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Collected By: Man Date Collected: // Dec	10

Locational Data Entry Form Supplement

Page 26 of 32

Site Name:	KERR-Mc GRE
Point Unique	e Identifier: <u>CMW 60</u> e Identifier Description: RCRA Menitoring Well ischarge #, Monitoring Station #, etc)
Latitude:	33 Degree's 30 Minutes 28.97 Seconds
Longitude:	8 Degrees 74 Minutes 17 18 Seconds
Elevation:	167-ft.
Method of Co	ollection:G3 - Differential(± 3m) G6 - Autonomous(± 100m)
Point Descr	iption:PP - Plant Entrance (Personnel)PF - Plant Entrance (Freight)AS - Air Release StackAV - Air Release VentST - Storage VentWR - Water Release PipeSP - Lagoon or Settling PondLW - Liquid Waste Treatment UnitAE - Atmos. Emissions Trtmnt/DispSD - Solid Waste Tretmt/Disp UnitSS - Solid Waste Storage AreaLF - Loading FacilityPU - Process UnitWL - WellWM - Water Monitoring StationAM - Air Monitoring StationOT - Other (Describe in Comments)UN - Unknown
Comments:	
Collected Byz	Date Collected: // VLOO

Locational Data Entry Form Supplement Page 27 of 32

Site Name: KERR - Mc Gree
Point Unique Identifier: <u>CMW 61</u> Point Unique Identifier Description: RCRA Menitarius Well (Stack #, Discharge #, Monitoring Station #, etc)
Latitude: 33 Degrees 30 Minutes 27.54 Seconds
Longitude: 84 Degrees A Minutes 12.26 Seconds
Elevation: 177ft.
Method of Collection:G3 + Differential(± 3m) G6 - Autonomous(± 100m)
PP - Plant Entrance (Personnel) PF - Plant Entrance (Freight) AS - Air Release Stack AV - Air Release Vent ST - Storage Vent WR - Water Release Pipe SP - Lagoon or Settling Pond LW - Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp SD - Solid Waste Tretmt/Disp Unit SS - Solid Waste Storage Area LF - Loading Facility PU - Process Unit WL - Well WM - Water Monitoring Station AM - Air Monitoring Station OT - Other (Describe in Comments) UN - Unknown
Date Collected: // D/106

Locational Data Entry Form Supplement Page 28 of 32

Site Name: Kerr-McGes
Point Unique Identifier: CMW 65
Point Unique Identifier Description: RCRA Menitoring Well (Stack #, Discharge #, Monitoring Station #, etc)
Latitude:DegreesMinutes Seconds
Longitude:DegreesMinutesSeconds
Elevation:ft.
Method of Collection:G3 - Differential(± 3m) G6 - Autonomous(± 100m)
PP - Plant Entrance (Personnel) PF - Plant Entrance (Freight) AS - Air Release Stack AV - Air Release Vent ST - Storage Vent WR - Water Release Pipe SP - Lagoon or Settling Pond LW - Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp SD - Solid Waste Tretmt/Disp Unit SS - Solid Waste Storage Area LF - Loading Facility PU - Process Unit WL - Well WM - Water Monitoring Station AM - Air Monitoring Station OT - Other (Describe in Comments) UN - Unknown
Comments: Well Jenosily inscensible
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Callested But Date Collected: 1000

Locational Data Entry Form Supplement Page 29 of 32

Site Name: Kerr-McGre
Point Unique Identifier: <u>CMW 66</u> Point Unique Identifier Description: RCRA Menitoring Well (Stack #, Discharge #, Monitoring Station #, etc)
Latitude: 33 Degrees 30 Minutes 26 . 36 Seconds
Longitude: 44 Degrees 24 Minutes 33. 05 Seconds
Elevation: 177ft.
Method of Collection:G3 - Differential(± 3m) G6 - Autonomous(± 100m)
Point Description:
Comments:
Date Collected: //TVO

Locational Data Entry Form Supplement

P	aσ	е	30	of	32
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Site Name: Kerr McGer
Point Unique Identifier: RENCH 1A FIB Point Unique Identifier Description: (Stack #, Discharge #, Monitoring Station #, etc)
Latitude: 33 Degrees 30 Minutes 27.64 Seconds Longitude: 56 Degrees 24 Minutes 3/ .62 Seconds
Elevation: 174ft.
Method of Collection: XG3 - Differential(± 3m) G6 - Autonomous(± 100m)
Point Description: PF - Plant Entrance (Personnel) PF - Plant Entrance (Freight) AS - Air Release Stack AV - Air Release Vent ST - Storage Vent WR - Water Release Pipe SP - Lagoon or Settling Pond LW - Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp SD - Solid Waste Tretmt/Disp Unit SS - Solid Waste Storage Area LF - Loading Facility PU - Process Unit WL - Well WM - Water Monitoring Station AM - Air Monitoring Station MOT - Other (Describe in Comments) UN - Unknown
Comments: Correction Detion recovery trench - location faction of Trencho IA \$ 18
Collected By: Jan July Date Collected: 1/700

Locational Data Entry Form Supplement

P	age	31	of	32
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	-			

	ischarge #, Monitoring Station #, etc) 33 Degrees 30 Minutes 26. 84 Seconds 54 Degrees 24 Minutes 26. 66 Seconds
Elevation:	
Method of (Collection: G3 - Differential(± 3m) G6 - Autonomous(± 100m)
	ription: PP - Plant Entrance (Personnel) PF - Plant Entrance (Freight) AS - Air Release Stack AV - Air Release Vent ST - Storage Vent WR - Water Release Pipe SP - Lagoon or Settling Pond LW - Liquid Waste Treatment Unit AE - Atmos. Emissions Trtmnt/Disp SD - Solid Waste Tretmt/Disp Unit SS - Solid Waste Storage Area LF - Loading Facility PU - Process Unit WL - Well WM - Water Monitoring Station AM - Air Monitoring Station OT - Other (Describe in Comments) UN - Unknown
	Conective action recovery trench. South en

Locational Data Encry Form Supplement Page 32 of 32

Latitude: _	Degrees	nitoring Stat	Seconds	
Longitude: _	Degrees	Minutes	Seconds	
Elevation: _			r si	E
Method of Co.	llection:	_G3 - Differen _G6 - Autonom	ntial(± 3m) ous(± 100m)	24
Point Descri	PFASAVSTWRSPLWAESDSSLFXPUWLWMAMOT	- Solid Waste T - Solid Waste S - Loading Facil - Process Unit - Well - Water Monitori	ring Station	
Comments:	Missed			2

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MSR 220010



STATE OF MISSISSIPPI

HALEY BARBOUR GOVERNOR

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

CHARLES H. CHISOLM, EXECUTIVE DIRECTOR

July 19, 2004

Mr. Stephen A. Ladner Project Manager Kerr-McGee Chemical LLC PO Box 25861 Oklahoma City, OK 73125

Dear Mr. Ladner:

Re: Kerr McGee Chemical, Columbus

Lowndes County

Stormwater Coverage No. MSR220010

The Environmental Permits Division is in receipt of your written request for termination of the above referenced coverage. It is our understanding that closure in accordance with the Closure Plan you submitted to our office is complete. Please be advised that as per the date of this letter, the above referenced coverage is hereby revoked.

If you have any questions regarding this matter or any future environmental permitting matters, please contact Toby M. Cook at (601)961-5067.

Sincerely,

ORIGINAL SIGNED BY JERRY W. CAIN

Jerry W. Cain, P.E., DEE, Chief Environmental Permits Division

cc: Larry Hamil

Facility Data Screen #1 (FAC1) N = New Permit S TRANSACTION CODE: PERMIT #: R = Reissuance of old permit M = Modification of a permit FACILITY NAME COGNIZANT OFFICIAL PHONE: TYPE OF APPLICATION: **FACILITY** COUNTY OWNERSHIP (See codes for type) CODE: CODE: **FACILITY** Use ONLY if you are inactivating an entire facility. INACTIVE CODE: 08 = this should have been originally inactivated 7/18/04 FACILITY INACTIVE DATE: AVERAGE DESIGN FLOW : ENGINEER: SUB-REGION: (Facility not outfall) (3 initials) (NO, CO, SO) (FAC2) Facility Data Screen #2 1006 - Mississippi River 0338 - Upper Tombigbee River 1011 - Yazoo River 0340 - Lower Tombigbee River RIVER BASIN# 1018 - Big Black 0342 - Pascagoula River 1021 - South Independent 0343 - Pearl River 1099 - Coastal Streams 0408 - Tennessee River Different for Pretreatment, please read instructions RECEIVING WATERS Treatment Type: (See code sheet for other treatment types) Facility Type: **HC** = Hydrograph Controlled (RDF4) (RDF1) ML = Multiple Lagoon I = Industrial NC = Non-Contact Cooling X = Ind Non Report OS = Off Site Disposal AC = Activated Carbon OF = Overland Flow P = Pretreatment AS - Activated Sludge OD = Oxidation Ditch M = Municipal PC = Physical Chemistry AL = Aerated Lagoon PH = PH Adjustment AN = Anaerobic Lagoon D = Domestic API = API Separator **PS** = Primary Sedimentation N = Dom Non Report = Artificial Wetlands RR = Recycle and Reuse AW = Reverse Osmosis = Contact Cooling RO CC F = Federal = Conventional Lagoon RBC = Rotating Biological Contractor CL SF = Sand Filter = Cooling Tower CT Toxic and Bio \$\$ = Secondary Sedimentation = Deepwell DW Assay Code: **SI** = Spray Irrigation **DF** = Diffuser (RDF2) **EOP** = End of Pipe **SW** = Statewide T = Toxic**EV** = Evaporation TF = Trickling Filter A = Acute C = Chronic **Branch Codes:** For Pretreatment Permits Only: (RDF7) (RDF5)

(See code sheet for acceptable codes)

(AGRIC, CHEM, CONST, ENERG, METAL, SERMS, MUNPR, SOLID, TIMB



PERMIT BOARD REPORT

Permit Action Form Kerr McGee Chemical Corporation, Columbus 10 2004 2300 14th Avenue North Lowndes County Columbus, MS 39701

Branch Manager: Toby Cook

SIC: 2491

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Folder N	o Activity Type	Permit No.		DEQ Contact	
GNP20000007 - NA-Wood Treat		MSR22010		Toby Cook	
Action:	☐ Issue ☐ Modification ☐ Transfer ☑ Revoke	☐ Reissue ☐ Name Change ☐ Deny ☑ Terminate	Ву:	☑ Division Chief ☐ Permit Board	

Programs:

Master File

Program	Sub Program	Delete
Air	NSPS Subpart Dc	Ø
Hazardous Waste	TSD - Not	
	Classified	
Water	PT CIU	
Water	PT CIU - Timber	
	Products	
	Processing	
	(Subpart 429)	
Water	PT SIU	

Permit Application

Program	Sub Program
Air	SM - Not Classified
Hazardous Waste	TSD - Not Classified

Marked subprograms should be deleted from the master file by the Master File Administrator

Air Use Only:

Emissions data entered in enSite

☐ Emissions data prepared using Lotus 1-2-3 (Attached) ☐ Permitting action did not change emissions inventory.

a remitting action did not change chinssions inv

Basis: Applicant has closed facility and removed process equipment

Coordination

Comments:

Inspection was conducted by NRO to verify that the facility had been closed so that there should be no contamination of run-off from the site. The inspection report was reviewed by Gloria Tatum due to the ongoing litigation regarding the site. The Compliance contact in ECED is aware of the pending action to

terminate the coverage.



Relationships People

Name	Address	City	State	Zip	Relationship
R Michel	2300 14th Avenue North	Columbus	MS	39701	Is Air Permit Contact For
Ron Murphey	2300 14th Avenue North	Columbus	MS	39701	Is Contact For
R Michel	2300 14th Avenue North	Columbus	MS	39701	Is Application Signatory for

Administrative Tasks

Task	Scheduled Date	Completed Date
Coverage Number Assigned	10/5/92	10/5/92
Coverage Number Assigned	10/5/92	10/5/92
Coverage Issued	10/27/92	10/27/92
Coverage Issued	10/27/92	10/27/92
Termination Request Received		02/02/04
Terminate Coverage		

Existing Permits

Permit Number	Description	
Air-AIRS AFS	08700020	
Air-Construction	168000020	<u></u>
GP-Wood Treating	MSR220010	
Hazardous Waste-EPA ID	MSD990866329	
Hazardous Waste-TSD	MSD990866329	
Water-Pretreatment	MSP090021	

Mississippi Department of Environmental Quality Office of Pollution Control Environmental Permits Division

Project Awareness Checklist

The primary purpose of this checklist is to allow early identification of "big picture" items that could affect EPD's permitting decisions. The checklist will be filled out by the permit manager, with input from the permit applicant as needed. Many of the questions will be answered after the pre-application meeting. The applicable portions of the checklist should be filled out prior to developing the draft permit. The checklist should be attached to the permit action form (PAF).

This checklist does not establish or affect legal rights or obligations. This checklist does not establish or affect procedural requirements for the development or issuance of permits. MDEQ is under no obligation to complete any or all of this checklist.

References to web sites or other sources external to MDEQ are intended for informational purposes only and do not imply any official MDEQ endorsement of, or responsibility for, the opinions, ideas, reliability, data or products presented at those locations, or guarantee the validity of the information provided.

Name of facility	
Kerr McGee Chemical Corporation, Colum	nbus
AI #	
1696	
Permit type	
☐ Issuance☐ Reissuance without Modification	☐ Modification☐ Reissuance with Modification☑ Revocation
☑ Routine □ Priority	Zi Rovodalon
Critical path	
☐ Air ☑ Water	☐ Hazardous Waste ☐ Solid Waste
Notes/Comments	
Facility is closed. Inspection did not reveal	any problems.

1

A. Air		Section Not Applicable ☑
Yes No Not Applicable		
	A1.	Is the facility located in an area that may become a non-attainment area when the new NAAQS are implemented? PM2.5
	A2.	Is this facility a significant minor source as defined by <u>APC-S-2</u> , <u>Section I.B.21</u> ?
	A3.	Will this facility generate dust, fumes, gases, mist, odorous matter, vapors, or any combination thereof, such as to cause a nuisance to property from which it originated? (APC-S-1, Section 3.3)
	A4.	 Is this project subject to any of the following regulations? New Source Performance Standards (NSPS) (40 CFR Part 60) National Emission Standards for Hazardous Air Pollutants (NESHAP) (40 CFR Parts 61 and 63) Compliance Assurance Monitoring (CAM) (40 CFR Part 64) Prevention of Significant Deterioration (PSD) (40 CFR Part 52) Acid Rain Program (40 CFR Part 72) Chemical Accident Prevention Provisions (40 CFR Part 68)
	A5.	Does this facility fall into one of the 28 listed source categories? (40 CFR 52)
	A6.	 Is this facility located within 200 km of any <u>Class I</u> area? (40 CFR 52) ■ Will there be construction or air emissions near a <u>national</u>/state forest or <u>national</u>/state park or other recreational area? □Yes / □No / □NA
	A7.	Will any air discharges have an impact on water quality?
B. Hazar	dous V	Vaste Section Not Applicable ✓
	B1.	 Is this a hazardous waste TSD project? ■ Typically these projects have opposition. ■ Is there off-site contamination? □Yes / □No / □NA ■ Are "bad boy" and financial capability reviews necessary? □Yes / □No / □NA
	B2.	 Is the site a brownfield site? Check with Hazardous Waste Division – Brownfields Branch. Check with Hazardous Waste Division – Uncontrolled Sites Branch.

	B3.	Are there <u>universal waste</u> considerations? (Examples: used oil, car batteries, fluorescent tubes.)
C. Solid W	aste	Section Not Applicable ☑
	C1.	 Is this a new or existing solid waste management facility? ■ These projects may have opposition. ■ Does the existing facility (or other facilities owned or operated by the applicant) have a history of non-compliance? □Yes / □No / □NA ■ Has a disclosure statement been filed? □Yes / □No / □NA ■ Is the application a result of enforcement action by ECED? □Yes / □No / □NA
	C2.	 Will solid waste be sent to a third-party landfill? ■ Contact the landfill owner to verify that the landfill can and will accept the waste. ■ Does the County Solid Waste Management Plan need to be modified? □Yes / □No / □NA
D. Water		Section Not Applicable ☑
	D1.	Will the facility discharge wastewater to a third-party wastewater treatment plant (WWTP)? ■ Is the WWTP willing and able to accept the discharge? □Yes / □No / □NA ■ Is a pretreatment permit needed? □Yes / □No / □NA
	D2.	 Review Permit Board Policy on Suitable Points to Discharge Treated Wastewaters, January 2002 for acceptable locations of new discharges. (The document is located in the Knowledge Center.) Specific locations where wastewater discharges are prohibited or are strongly discouraged include: Ross Barnett Reservoir and surrounding drainage basin Old Run Tombigbee River north of Fulton Pickwick Lake Mississippi Sound (including the coastal waters) Okatoma Creek Wolf Creek Red Creek Black Creek (located south of Hattiesburg) Typically, lakes, reservoirs, bayous, ponds or other confined, low flushing waterbodies, and drainage ways leading to them, are not suitable points of discharge.

	 Has the permit manager or the Regional Office done an inspection to determine whether the discharge location is suitable to receive discharged wastewater?
 D3.	 Is the water body on the 303(d) list for parameters of concern? Check with the Water Quality Assessment Branch for 303(d) listing. Consider alternative receiving streams/locations or no-discharge systems. Refer to NPDES Permit Issuance Process for Facilities Discharging to
	303(d) Listed Waters, January 1999
D4.	 Has a TMDL been developed for the receiving stream? See http://www.deq.state.ms.us/newweb/swhome.nsf/pages/WDivision/\$file/tmd3.html, or check with the Water Quality Assessment Branch. Does the TMDL propose limitations on the discharge? □Yes / □No / □NA
 D5.	 Will the project impact wetlands or other waters of the United States? ■ Check with WQMB for requirements for 404 permit or 401 Water Quality Certification ■ Are there any issues with the Surface Water Division? □Yes / □No / □NA
 D6.	 Is an antidegradation package required? For POTWs, required for new major discharges (≥1 mgd) or for increases in discharges from majors. (This may change when WQMB issues guidance in the future.) For industrial, follow the "Antidegradation Policy Review Checklist." (The document is located in the Knowledge Center.) The package must be sent to EPA along with the draft permit.
 D7.	 Is the stream classified for shellfish harvesting, drinking water supply, or recreation? See State of Mississippi Water Quality Criteria for Intrastate, Interstate and Coastal Waters, November 16, 1995 for a list, or check with WQAB/Standards. (The document is located in the Knowledge Center.) Discharge is discouraged. Consider alternative receiving streams/locations or no-discharge systems. Have water supply intake distances been evaluated? □Yes / □No / □NA
 D8.	Is the stream actually used for recreation, even if the classification is fish and wildlife?

		 Check with WQAB/Standards, Regional Offices, Mississippi Department of Wildlife, Fisheries, and Parks, and Mississippi Forestry Commission. Discharge is discouraged. Consider alternative receiving streams/locations or no-discharge systems. Have distances of actual water contact activity been evaluated? \(\subseteq \text{No} / \subseteq \text{NA} \)
000	D9.	 Is the receiving stream classified as an ephemeral stream? Check with WQAB/Standards Alternate discharge points or no-discharge systems must be investigated before this stream is considered.
000	D10.	 Will the project violate water buffer zone requirements? ■ How is the surrounding area zoned? ■ Will there be a discharge near a state forest or park or other recreational area? □Yes / □No / □NA
	D11.	 Has the stream been proposed for inclusion in the State Scenic Streams Stewardship Program (Section 51-4 et seq., Mississippi Code)? ■ As of March 12, 2003, the streams include ● Chunky Creek in Newton County from the confluence of Chunky Creek and Tallasher Creek. ● Chunky River in Newton, Lauderdale and Clarke Counties to the junction with the Chickasawhay River in Clarke County. ● Magee's Creek in Walthall County from the confluence of Varnell Creek to the Bogue Chitto River. ● Tangipahoa River in Pike County beginning at U.S. Highway 51 and extending to the Mississippi-Louisiana state line. ● Wolf River in Pearl River, Hancock, Stone and Harrison Counties from Highway 26 in Pearl River County to the Bay of St. Louis in Harrison County. ■ Discharge is discouraged. Consider alternative receiving streams/locations or no-discharge systems.
	D12.	 Will the facility obtain water from an existing Public Water System (PWS)? ■ Does the PWS have adequate capacity? □Yes / □No / □NA Contact MSDH/Division of Water Supply if needed. ■ Check with OLWR if the water use will be ≥300,000 gpd or if the PWS will need a permit modification.
000	D13.	 Will the facility use surface water or build a dam? Check with OLWR for permit requirements. Check with WQMB for requirements regarding intake structures or wetlands issues.

			D14. Will the facility use groundwater? Check with OLWR for permit requirements.								
E.	SA	RA T	Γitle II	I (EPCRA) Report	ing	Section Not A	Applicable ☑				
			E1.	Will the facility meet to man-hour requirement threshold?	Will the facility meet the reporting criteria of <u>EPCRA Section 313</u> by man-hour requirement, SIC code or reportable quantity over a certain threshold?						
			E2.	In response to the requirements of EPCRA Section 304 has the facility determined if there are "Extremely Hazardous Substances (EHS)" or CERCLA Substances onsite in excess of their respective reportable quantities?							
			E3.	Planning Quantity?" I	Does the facility store onsite an EHS in excess of its <u>respective "Threshold Planning Quantity?"</u> If so then the reporting requirements of EPCRA Section 311 and 312 must be followed.						
F.	Ot	her				Section Not	Applicable □				
			F1.	List all existing permi	ts and their expirat	ion dates:					
				Permit Number	Description	Expiration					
				Air-AIRS AFS	08700020 168000020						
				Air-Construction	MSD99086632						
				Hazardous Waste- EPA ID	9						
				Hazardous Waste- TSD	MSD99086632 9	5/31/11					
				Water- Pretreatment	MSP090021	7/31/05					
	 Are permit applications in-house for all permits that have expired or will expire in ≤ 180 days? □Yes / □No / ☑NA If no, will the current permitting action proceed? □Yes / □No / ☑NA 										
				Permit Activity	Last Permit Expired Task	Last App Received Task					
				Air-SMOP	6/2/02	11/2/01					
Ø			F2.	Are all fees (e.g., Title	e V), fines, and/or	compliance with (CEQ orders				

 Check ensite for actions on or after October 1, 2001. Check ECED for earlier actions. Check with Mona Varner for fees. 	k with
 F3. Check complaints database and compliance history. Check enSite for actions on or after October 1, 2001. Chec ECED for earlier actions. What is the nature of the historical compliance problems (i applicable)? 	
■ Are there any pending agreed orders? □Yes / ☑No / □NA	
 F4. Are there EJ considerations? ■ Review demographic maps and per capita income informated a Does the area around the site appear to be a low-income or area? □ Yes / □ No / □ NA ■ Is there a significant amount of industrial activity? □ Yes / NA ■ Are there indications that there is a significant population of English-speaking people near the site? □ Yes / □ No / □ NA ■ Are we aware of any variances or violations in local zoning □ Yes / □ No / □ NA ■ Are there quality of life issues? □ Yes / □ No / □ NA ■ Contact the EJ coordinator if there appear to be EJ concerned to be done. 	minority No / of non- A g?
 F5. Has it been determined that there is public interest in this projection. Is there organized public opposition? □Yes / □No / □NA Who is the opposition? Has there been media coverage or the possibility of media □Yes / □No / □NA Are there regulation changes on the horizon that would restringent requirements for the project? □Yes / □No / □NA Are there actual, potential, or alleged human health or envision impacts? □Yes / □No / □NA If yes, explain. 	coverage? ult in more A
 F6. Are there cumulative impact issues? ■ Is there a concentration of emissions in the area? □Yes / □No / □NA ■ Research by reviewing files, etc. for effects of past projects of current projects, and the effects of probable future projects. 	

	includes the effects of other projects which interact with this project and, together, are considerable. ■ Is GIS information available? □Yes / □No / □NA Has it been used? □Yes / □No / □NA
F7.	 Is the Mississippi Development Authority (MDA) interested? ■ Is the proposed project in an economically underdeveloped area of the state? □Yes / □No / □NA ■ Is the project receiving CDBG (Community Development Block Grant) funding? □Yes / □No / □NA CDBG funding is given for projects in low-to-moderate income areas and thus indicates the possibility of EJ considerations.
F8.	Will this project have the potential to impact threatened and endangered species? Pesticide limitations for endangered species link. NPDES link. ■ Contact WQAB for a list of species.
F9.	Will this project have the potential to impact archeological and cultural resources? ■ Has the Mississippi Department of Archives and History been contacted? □Yes / □No / □NA
F10.	Is this facility located in a politically sensitive area?
F11.	Will this facility have a significant economic impact on the area?
F12.	Does this project involve other state or federal agencies, and if so, in what way?
F13.	Is the project (or company or location, etc.) listed in the Heightened Awareness Projects database (located in Lotus Notes)? Yes / No / NA If yes, get in touch with the listed contact person.
F14.	Review "Enclosure B: EPA/State Review and Oversight Tools for NPDES Permits" to determine if any additional information needs to be gathered. (The document is located in the Knowledge Center.)
F15.	Is there <i>anything else</i> that might slow down the permitting decision or change any permit conditions? (<u>Industrial Sector Notebooks</u>) If yes, describe.



STATE OF MISSISSIPPI

HALEY BARBOUR GOVERNOR

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

CHARLES H. CHISOLM, EXECUTIVE DIRECTOR

July 19, 2004

Mr. Stephen A. Ladner Project Manager Kerr-McGee Chemical LLC PO Box 25861 Oklahoma City, OK 73125

Dear Mr. Ladner:

Re: Kerr McGee Chemical, Columbus
Lowndes County
Stormwater Coverage No. MSR220010

The Environmental Permits Division is in receipt of your written request for termination of the above referenced coverage. It is our understanding that closure in accordance with the Closure Plan you submitted to our office is complete. Please be advised that as per the date of this letter, the above referenced coverage is hereby revoked.

If you have any questions regarding this matter or any future environmental permitting matters, please contact Toby M. Cook at (601)961-5067.

Sincerely,

ORIGINAL SIGNED BY JERRY W. CAIN

Jerry W. Cain, P.E., DEE, Chief Environmental Permits Division

cc: Larry Hamil



FEB 2 2004

January 27, 2004

Mississippi Department of Natural Resources Bureau of Pollution Control Mr. Larry Hammil P.O. Box 10385 Jackson, MS 39209

Re: Termination of Stormwater Permit Kerr-McGee Chemical LLC Columbus, Mississippi Stormwater Permit #220010

Dear Mr. Hammil:

The Kerr-McGee Chemical LLC (KMC LLC) manages a facility at Columbus, Mississippi. The site operated and managed stormwater under Mississippi General Stormwater permit MSR20010. During 2003, KMC LLC made a business decision to exit the wood treating business and subsequently, close the facility located in Columbus, Mississippi. The facility ceased operations in 3rd Quarter, 2003 and completed demolition in the 4th Quarter of 2003.

The initial stormwater requirements cited that if a discharge outfall did not exceed the permit limits for two consecutive sampling intervals, that discharge point would be exempt from further monitoring. This was evaluated in 1995 (see enclosed correspondence dated February 13, 1995) and many outfalls were eliminated as well as certain parameters. The remaining outfalls have been subject to sampling and analysis since that date. KMC LLC has submitted Annual Reports since then with stormwater analysis results.

In a May 13, 2003 correspondence solicited advice from the Mississippi DEQ on whether the stormwater permit would still be valid since all operations were going to cease. The basis of this interpretation was that the site would lose the SIC code and no longer be an industrial site. KMC LLC believes this is the right interpretation. However, to further document the claim that the site is no longer subject to a stormwater permit, KMC LLC compiled discharge data from the last three years.

The results from this data summary, indicate that there were no exceedances at the remaining outfalls for that three year interval, exceeding the prescribed value for monitoring only. There was one exception, Outfall 002 had a TSS value in 2003 of 64.5 mg/l with a limit of 50. However, analysis of Outfall 002 for 2001 and 2002 indicated concentrations of 16 and 20, respectively. This higher value may be attributed to a

Mr. Larry Hammil January 27, 2004 Page 2

temporary disturbance at the site due to the demolition activities, and the values from 2001 and 2002 are more indicative of the TSS for this Outfall. Based on the summary of the data for the three year period, KMC LLC believes that the data indicates that the stormwater analysis is no longer needed at the site, as per Permit Condition, Section IV.C.4. Monitoring Requirements. The data for the past three years has been compiled in a Table and attached for your review.

Based on both facts, the change in status of the site no longer having an industrial code, and the analysis showing no permit exceedances for the past three years with the exception of the one TSS sample in 2003, KMC LLC believes that the stormwater permit for the site is no longer needed and should be eliminated.

Thank you for your time and consideration in this matter. Please feel free to contact me, Steve Ladner – Project Manager, at (405) 270-2625.

Sincerely,

On behalf of,

KERR-McGEE CHEMICAL LLC FOREST PRODUCTS DIVISION

Stephen A. Ladner Project Manager

Cc: Dickie Allison, KMC LLC – Texarkana Roland Hill, KMC - Columbus Nick Bock, KMC – Shared Services

TABLE I

KMC LLC Stormwater Data Columbus, Mississippi

Outfall OO1	<u>2001</u>	2002	<u>2003</u>	Permit Limit
pН	6.6	6.7	8.2	8.5
Outfall 002				
TSS	16	20	64.5	50
Phenols	2.3	ND	ND	.10 mg/l
Outfall 009 Oil & Grease	<5	3.8	2.7	5 mg/l
Outfall 011				
Phenols	.135	.031	ND	.10 mg/l

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DISCHARGE MONITORING REPORT (DMR)

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LOCATION DLUMBUS COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) ATTN 46000 PHENOLS 00560 EXTR.-00400 EFFLUENT 00530 J. SWALIN /ASST. PLT MER FFLUENT TELUEN NAME/TITLE PRINCIPAL EXECUTIVE OFFICER ENDED RON P MURPHEY PARAMETER TYPED OR PRINTED EASE METH) TOT , R GROSS UIAL GROSS GRUSS GROSS VALU MEASUREMENT REQUIREMENT MEASUREMENT REQUIREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT MEASUREMENT MEASUREMENT PERMIT REQUIREMENT SAMPLE MEASUREMENT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT SAMPLE PERMIT SAMPLE SAMPLE PERMIT PERMIT PERMIT SAMPLE PERMIT PERMIT I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HERBIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY PRESPONSIBLE FOR OBTAINING THE INFORMATION IS TRUE, ACCUPATE AND COMPLETE. I AM AVARAE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE COSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1007 AND 33 U.S.C. § 1319. (Panalises under these saturates may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.) (3 Card Only) QUANTITY OR LOADING (46-53) (54-61) 39701 於於於於於於 於於於於於於 告告并始告益 **AVERAGE** 於你你於發榜於 告於於於於於於 於於於於於於於 於於於於於於 FROM 持持於於於於 外外外外外外外 告於於於於於於 MAXIMUM 發發於發發於 於於於於於於於 於於於於於於 特益於於於於 於於於於於於於 (20-21)(22-23)外外外 於於於 사 사 사 水水水 特於於於 · · 特替特 於於於 STINU (24-25) (4 Card Only) (38-45) REPORT 於於於於於於 於於於於於於於 好於於於於於於 INIMUM ? MINIMUM 젇 於於於於於於於 告於於於於於於 好於於於於於 (26-27) SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT. (28-29) (30-31) Suan QUANTITY OR CONCENTRATION (54-61) 各种各公会会 公共 经 经 经 经 经 经 特替條替於替 於特於於於 AVERAGE 於於於於於於於 *** 经济於於於於 於於於於於於於 NOTE: Read Instructions before-completing this form. ANNI MA Z REPORT REPORT MAXIMUM REPOR REPORT 54 TELEPHONE NUMBER SLINO 5287551 12) 19 191 191 \$ NO. FREQUENCY SAMPLE
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NAME - KERR-MCGEE CHEMICAL

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMP)
(2.16)

ADDRESSR 0 BOX 906

COLUMBUS

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39703

PERMIT NUMBER

DISCHARGE NUMBER

MINOR (SUBR NO)

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

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MONITORING PERIOD

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EPA Form 3320-1 (08-95) Previous editions may not be used.

REPORT

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(INCHES)

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DISCHARGE

(GALLONS).

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(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

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NAME . . WERR-MCGEE CHEMICAL

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

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

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

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MONITORING PERIOD

FACILITY

EPA Form 3320-1 (08-95) Previous editions may not be used

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

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LOCATION COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) ATTI EXTR.-IR 00400 45000 00530 THEFT THE LUNE T FFLUENT 0950 F * J. Swawn/Asst OLT NAME/TITLE PRINCIPAL EXECUTIVE OFFICER RON P DORDNE PARAMETER TYPED OR PRINTED 680SS METH) TOT, RO HE I TENTON YALU MEASUREMENT REQUIREMENT REQUIREMENT MEASUREMENT REQUIREMENT REQUIREMENT MEASUREMENT MEASUREMENT REQUIREMENT MEASUREMENT MEASUREMENT MEASUREMENT REQUIREMENT REQUIREMENT SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE PERMIT PERMIT SAMPLE PERMIT PERMIT PERMIT I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATED HEREIN; AND BASED ON MY INFORMATION, I BELIEVE THE SUBMITTED HERMATION IS TRUE. ACCUPATE 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.) (3 Card Only) QUANTITY OR LOADING (46-53) (54-61) 39761 於於於於於於於 并於於於於於 **AVERAGE** 於於於於於於於 **特特特特特特特** 替替於於於於於 并於於於於於 於於於於於於 FROM 并於於於於於於 **特於於於於於於** MAXIMUM 於於於於於於於 於於於於於於於 於於於於於於於 於於於於於於於 并於於於於於 (20-21)(22-23)公共が 於於於 於於於 外外外外 於於於於 於於於於 於於於於 公债 茶茶 STIND (24-25) (4 Card Only) (38-45) MINIMUM KEPURT 於於於於於於 <u></u> 於於於於於於於 MINIMUM 并并於於於於於 於於於於於於於 经外外外外外 於於於於於於於 w (26-27) SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (28-29) (30-31) QUANTITY OR CONCENTRATION 於於於於於於 操作作件并於 外於於於於於於 AVERAGE TWENT **特殊特殊特殊** 於於於於於於 報報 特於 於於於 替替 發 發 替 於 於於於於於於於 NOTE: Read instructions before completing this torm. ANNL NNL MAX REPORT REPORT AXIMUM MAXIMUM X DP UKT KEPURI MAX S. M **TELEPHONE** MG/L STIND NUMBER 328-755101 JAN (0) 19) 0 **₹** φ NO. FREQUENCY SAMPLE
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(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

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DISCHARGE

(GALLONS).

ADDRESS P BOX 906

COLUMBUS

MS - 39703

PERMIT NUMBER

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

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MONITORING PERIOD

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

KERR-MCGEE CHEMICAL CORP

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
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ADDRESS P D BOX 906

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

MONITORING PERIOD

FACILITY

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

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

EPA Form 3320-1 (08-95) Previous editions may not be used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

PAGE

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January 26, 2001

Dept. of Environmental Quality Office of Pollution Control

Mr. Louis Lavalles, P.E. Chief of Industrial Storm Water Section Office of Pollution Control P.O.Box 10385 Jackson, MS 39289

Re:

Kerr McGee Chemical LLC – Forest Products Division

Columbus Mississippi Wood Treating Facility General Storm Water Permit MSR 20010 2000 Storm Water Monitoring Report

Dear Mr. Lavalles:

Kerr McGee Chemical LLC – Forest Products Division is submitting our 2000 annual DMR for general NPDES permit MSR 20010 for the Columbus, MS facility storm water monitoring. Please find enclosed the DMR and inspection report for our facility.

Sincerely,

Kerr McGee Chemical LLC Forest Products Division

C. J. Swann

Assistant Plant Manager



Part VII.

Inspection Report and Certification F on For Storm ater Pollution Prevention Plan aluation

Wood Treater Storm Water General NPDES Permit No. MSR220010

(Please Print)

Owner and/or Operator: KERR McGEE CHEM. LLC
Facility Name: KERR NC GEE CHEM, LLC - FORTH POR
TOLUMBUS, 115.
Date and Time: 12/22/80 31M
Inspector(s): HARLES SWANN
Date of Last Rainfall: 12/21/00 Estimated Amount: 0.25
Deficiencies Noted During the Inspection (attach additional sheets if necessary):
No deficiencies noted
NECEI
Corrective Action Needed (attach additional sheets if necessary):
DEQ-OPC
Corrective Action Compliance Schedule:
- NSA
Based upon this inspection which I or personnel under my direct supervision conducted, I certify that all pollution control measures are adequate and have been implemented and maintained, except for those deficiencies noted above, in accordance with the Storm Water Pollution Prevention Plan filed with the Office of Pollution Control and good engineering practices as required by the above referenced permit.
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.
I further certify that the Mississippi Office of Pollution Control has been notified of any changes pertinent to our storm water permit as required in Part II.C. HARLES SWANN Authorized Name (Print) Signature Date Date
These reports shall be submitted annually, as required in the permit, to: Chief, Industrial Branch

Office of Pollution Control P.O. Box 10385 Jackson, Mississippi 39289-0385

RECEIVED NOV 2 7 2000



Certified Mail
Return Receipt Requested

November 21, 2000

Jerry Cain, P.E., DEE Chief Office of Pollution Control P. O. Box 10385 Jackson, MS 39289

Re:

Kerr-McGee Chemical LLC, Stormwater Permit MSR20010

Columbus, MS Creosote Wood Treating Facility

Dear Mr. Cain:

Kerr-McGee Chemical LLC (KMCLLC) owns and operates a creosote wood preserving facility in Columbus, MS. Our general stormwater permit (MSR20010) expired on July 13, 1997. Based on conversation with your department and Mr. Steve Ladner of KMCLLC over the last several years, it was our understanding that Stormwater Permit MSR20010 remains in effect until the issuance of a new permit.

We are seeking to ascertain the current status of expired Stormwater Permit MSR20010. We are an ISO 14001 certified facility where third party environmental system audits are routinely conducted. Our lack of documentation with respect to the expiration Stormwater Permit MSR20010 is problematic during our audits.

We therefore are seeking your written confirmation with respect to the current status of the facilities stormwater permit. Your prompt action will be greatly appreciated.

Should you have any questions please contact me directly at (405) 270-2394 or email me at nbock@kmg.com.

Sincerely,

KERR-McGEE CHEMICAL LLC FOREST PRQDUCTS DIVISION

Nick Bock

Manager, Regulatory Compliance and Environmental Affairs

cc:

S. A. Ladner

R. P. Murphey, Plant Manager





DESK REF.

Certified Mail
Return Receipt Requested

November 21, 2000

Jerry Cain, P.E., DEE Chief Office of Pollution Control P. O. Box 10385 Jackson, MS 39289

Re:

Kerr-McGee Chemical LLC, Stormwater Permit MSR20010

Columbus, MS Creosote Wood Treating Facility

Dear Mr. Cain:

Kerr-McGee Chemical LLC (KMCLLC) owns and operates a creosote wood preserving facility in Columbus, MS. Our general stormwater permit (MSR20010) expired on July 13, 1997. Based on conversation with your department and Mr. Steve Ladner of KMCLLC over the last several years, it was our understanding that Stormwater Permit MSR20010 remains in effect until the issuance of a new permit.

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Sincerely,

KERR-McGEE CHEMICAL LLC FOREST PRODUCTS DIVISION

Nick Bock

Manager, Regulatory Compliance and Environmental Affairs

cc:

S. A. Ladner

R. P. Murphey, Plant Manager





January 27, 2000

Mr. Louis Lavalles, P.E.
Chief of Industrial Storm Water Section
Office of Pollution Control
P.O.Box 10385
Jackson, MS 39289

Re: Kerr McGee Chemical LLC - Forest Products Division

Columbus, MS Wood Treating Facility General Storm Water Permit MSR 20010 1999 Storm Water Monitoring Report

Dear Mr. Lavalles:

Kerr McGee Chemical LLC – Forest Products Division is submitting the 1999 annual DMR for general NPDES permit MSR 20010 for the Columbus, MS facility storm water monitoring. Please find enclosed the DMR and inspection report for the Columbus, MS facility.

Sincerely,

KERR MCGEE CHEMICAL LLC FOREST PRODUCTS DIVISION

R.P. Murphey / Cgs

R.P. Murphey Plant Manager

RPM/cjs

Cc: file



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OMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) AME/TITLE PRINCIPAL EXECUTIVE OFFICER R.P. MURPHEY CATION VI CILLY Report storm date and duration (hours); estamated rainfall Hq TSS OIL & GREASE TOTAL PHENOLS TYPED OR PRINTED PARAMETER COLUMBUS, PLT. MER SAMPLE MEASUREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT REQUIREMENT PERMIT REQUIREMENT PERMIT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT SAMPLE MEASUREMENT I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAN WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE. ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE 50. INFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILTY OF FINE AND IMPRISONMENT SEE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE BY JOSE 1001 AND 33 U.S.C. \$ 1.319 [Proadlier under these sealing may include fines up to \$1.111]. (3 Card Only) QUANTITY OR LOADING XXXXXX XXXXXX AVERAGE XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXX MAXIMUM FROM XXXXXX XXXXX XXXXXX XXXXXXX XXXXXX XXXXXX XXXXX XXXXX YEAR BLIND (4 Card Only) (38-45) XXXXXX 70 report MINIMUM 54 XXXXX XXXXX 5A. 24 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT QUALITY OR CONCENTRATION AVERAGE 4 Z XXXXXX XXXXX XXXXX XXXXXX DAY (66.53) NOTE: Read instructions before completing this form. Page 1 -MAXIMUM *5* report report report report first 30 minute sample TELEPHONE 322-7551 00 01 mg/1mg/1S.U. STIND mg/l NUMBER (62-63) NO. FREQUENCY 1/ут 1/37 YEAR **三** (64-68) D > 1 E š SAMPLE GRAB grab grab grab grab (69-70) Z DAY

X Form \$320-1 (Rev. 9-88) Previous editions may be used

1249 - 4hrs

[REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.]

(inches) & total discharge (gals)

700

DRESS

RONALD P. MURPHEY 2300 14th AVE. NORTH

DISCHARGE MONITORING REPORT (DMR) [2-16] [17-19]

PERMIT NUMBER MSR220010

DISCHARGE NUMBER

Form Approved

OMB No. 2040-0004

MONITORING PERIOD

KERR-MCGEE CHEMICAL

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COLUMBUS,

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KERR-MCGEE CHEMICAL Z

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DISCHARGE MONITORING REPORT (DMR)

MSR220010

PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD

Page 2 -

three hour composite

OMB No. 2040-0004 Form Approved

Report storm date	MURPHEY PLT MGR. TYPED OR PRINTED MMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)	AME/TITLE PRINCIPAL EXECUTIVE OFFICER							TOTAL PHENOLS		OIL & GREASE		TSS		рH	(32-37)	PARAMETER		CATION COLUMBUS, MS
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VILLIO)

COLUMBUS, MS 3970, KERR-MCGEE CHEMICAL BANGE

RONALD V. NIUR

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DISCHARGE MONITORING REPORT (DMR) (2-16) (17-19)

MSR220010

DISCHARGE NUMBER

MONITORING PERIOD

Page 1 - first 30 minute sample

Form Approved OMB No. 2040-0004

A Form \$320-1 (Rev. 9-88) Previous editions may be used.

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(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

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orm 3320 (Rev. 9-88) Previous editions may be used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

PAGE 2 or 2

25.22

ROMALD P. MURPHEY

3300 14th AVE. NORTH

COLUMBUS, MS 3970/

KERR-MCGEE CHEMICAL Z

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DISCHARGE MONITORING REPORT (DMR)

PERMIT NUMBER MSR220010

DISCHARGE NUMBER

MONITORING PERIOD

Page 2 - three hour composite

Form Approved OMB No. 2040-0004

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A Form/3320-1 (Rev. 9-88) Previous editions may be used.

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(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

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RONALD P. MUS 2300 14th AVE

KERR-MCGEE CHEMICAL

DISCHARGE MONITORING REPORT (DMR) (2-16) (17-19)

MSR220010

DISCHARGE NUMBER

MONITORING PERIOD

Page 1 - first 30 minute sample

Form Approved OMB No. 2040-0004

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12-16) (17-19)

PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD

Page 2 - three hour composite

Form Approved OMB No. 2040-0004

MSR220010

HOWALD P. MURPHEY

3300 14th AVE. NORTH

COLUMBUS, MS 3970/

KERR-MCGEE CHEMICAL Z

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(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

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ROMALD P. MURCHEY
A300, 14th AVE, NORTH
COLUMBUS, MS 3970/
KERR-MCGEE CHEMICAL Z

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DISCHARGE MONITORING REPORT (DMR)

PERMIT NUMBER MSR220010

DISCHARGE NUMBER

Form Approved OMB No. 2040-0004

A Form/3320-1 (Rev. 9-88) Previous editions may be used

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

PAGE

1057

DRESS

COLUMBUS, MS 3970/ KERR-MCGEE CHEMICAL

2300 14th AVE NORTH

Consenting to comments to

DISCHARGE MONITORING REPORT (DMR)
[2-16] [17-19]

PERMIT NUMBER MSR220010

DISCHARGE NUMBER

MONITORING PERIOD

Page 1 - first

30 minute sample

Form Approved OMB No. 2040-0004

Part VII.

Inspection Report and Certification Form For Stor Vater Pollution Prevention Plantvaluation

Wood Treater Storm Water General NPDES Permit No. MSR220010

(Please Print)

Owner and/or Operator: KERR McGEE CHEM. LLC
Facility Name: KEOP N/C COTE (U.C.) 1 C T
Facility Location: LOLUMBUS, MS.
Date and Time: _/2/33/94
Inspector(s):
Date of Last Rainfall: 12/22/99 Estimated Amount: 0,4"
Deficiencies Noted During the Inspection (attack at the
No deficiencies noted
7,40,000
Corrective Action Needed (attach additional sheets if necessary):
Afon a
Corrective Action Compliance Schedule:
N/A
Based upon this inspection which I or personnel under my direct supervision conducted, I certify that all pollution control measures are adequate and have been implemented and maintained, except for those deficiencies noted above, in accordance with the Storm Water Pollution Prevention Plan filed with the Office of Pollution Control and good engineering practices as required by the above referenced permit.
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.
I further certify that the Mississippi Office of Pollution Control has been notified of any changes pertinent to our storm water permit as required in Part II.C. Authorized Name (Print)
These reports shall be submitted annually, as required in the permit to:

ll be submitted annually, as required in the permit, to:

Chief, Industrial Branch Office of Pollution Control P.O. Box 10385 Jackson, Mississippi 39289-0385 Part VII.

Inspection Report and Certification Form For Storm Water Pollution Prevention Plan Evaluation

Wood Treater Storm Water General NPDES Permit No. MSR220010

(Please Print)

Owner and/or Operator: KERR MCGEE CHEM, LLC
Facility Name: KERR NO GEE CHEM, LLC - FOREST PRODUCTS DIVISION
Facility Location: Locumbus, Ms.
Date and Time: 12/8/98 8 Am
Inspector(s): LHARLES SWANN
Date of Last Rainfall: 12-7-98 Estimated Amount: 08 "
Deficiencies Noted During the Inspection (attach additional sheets if necessary):
NO DEFICIENCIES NOTED
Corrective Action Needed (attach additional sheets if necessary):
_ NA
Corrective Action Compliance Schedule:
NONE
Based upon this inspection which I or personnel under my direct supervision conducted, I certify that all pollution control measures are adequate and have been implemented and maintained, except for those deficiencies noted above, in accordance with the Storm Water Pollution Prevention Plan filed with the Office of Pollution Control and good engineering practices as required by the above referenced permit.
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.
further certify that the Mississippi Office of Pollution Control has been notified of any changes pertinent to our storm water permit as required in Part II.C. HARIES J SWANN Authorized Name (Print) Authorized Name (Print) Signature Date

These reports shall be submitted annually, as required in the permit, to:

Chief, Industrial Branch Office of Pollution Control P.O. Box 10385 Jackson, Mississippi 39289-0385

Entered by DHT



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

James I. Palmer, Jr., Executive Director

PERMIT ISSUANCE FORM

PROJECT ENGINEER: NYS

SURFACE WATER DIVISION

FEB 1 9 1998

Jerry W. Cain - BRANCH CHIEF

DATE SIGNED

)2/10/98 DATE OF PERMIT BOARD MEETING

INDUSTRIAL GENERAL PERMIT COVERAGES-STORM WATER

ACTION: Name Change

FACILITY: Kerr-McGee Chemical Corporation # MSR220010 COUNTY Lowndes

To: Kerr-McGee Chemical LLC

NATURE OF OPERATION: Wood treating facility

COORDINATION?: Yes

IF YES, HAVE WE COORDINATED WITH AIR: , COMMERCIAL: , GEOLOGY: , HAZARDOUS WASTE: , HEALTH DEPT: , L&W: , NPDES: , PRETREATMENT: , SOLID WASTE: , SOP: , WATER QUALITY

MGMT: , WATER QUALITY ASMT:

RECOMMENDATION:

BASED ON MY REVIEW OF THE INFORMATION, I RECOMMEND:

THE DIVISION CHIEF Change name

FIRST REVIEWER

SECOND DEVIAMED

COMMENTS:





MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

James I. Palmer, Jr., Executive Director

February 11, 1998

Mr. Ronald P. Murphey, Plant Manager KERR-McGEE Chemical Corporation P. O. Box 906 Columbus, Mississippi 39703-0906

Dear Mr. Murphey:

Re: MSR220010 Coverage Name Change

Wood Treating General Storm Water Permit

Kerr-McGee Chemical Corporation to

Kerr-McGee Chemical LLC Columbus, Lowndes County

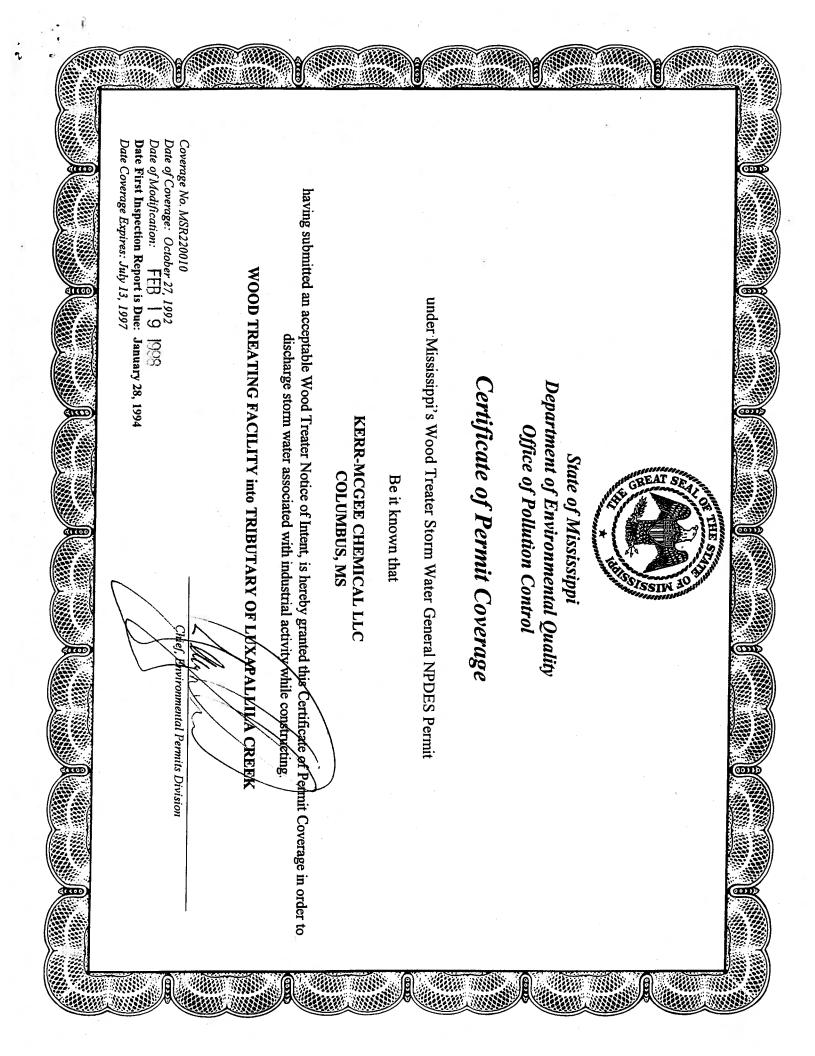
Based upon your January 23, 1998 letter, we have changed the company name in our records from Kerr-McGee Chemical Corporation to Kerr-McGee Chemical LLC. Enclosed is a copy of your Certificate of Coverage showing the new company name.

We appreciate your attention to the environmental regulations. Please let us know if you have any questions.

Sincerely,

Jerry W. Cain, P.E., DEE, Chief Environmental Permits Division

JWC:NYS:dht Enclosure







Mr. Louis Lavallee, P. E. Chief Industrial Stormwater Section Office of Pollution Control P. O. Box 10385 Jackson, MS 39289 PECEIVED

JAN 2 8 1998

Office of Polition Control

Re:

Kerr-McGee Chemical Corporation Name Changed to Kerr-McGee Chemical LLC (General Stormwater Permit MSR20010)

MSR220010

Dear Mr. Lavallee:

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 Plant Manager

RPM/tij

cc: N. E. Bock



Part VII.

Inspection Report and Certification Form For Storm Water Pollution Prevention Plan Evaluation

Wood Treater Storm Water General NPDES Permit No. MSR220010

(Please Print)

Owner and/or Operator: KERR MCGEE CHEMICAL LLC
Facility Name: KERR MCGEE CHEMICAL - FOREST PRODUCTS DIVISION
Facility Location: 2300 14th AUE. AND 20th St. N. Columbus, MS 397
Date and Time:/2 - 24 - 9 7
Inspector(s): Charles Swawn
Date of Last Rainfall: 12-21-97 Estimated Amount: 1.7 inches
Deficiencies Noted During the Inspection (attach additional sheets if necessary):
No DEFICIENCIES NOTED
Corrective Action Needed (attach additional sheets if necessary):
None
1-0142
Corrective Action Compliance Schedule:
Based upon this inspection which I or personnel under my direct supervision conducted, I certify that all pollution control measures are adequate and have been implemented and maintained, except for those deficiencies noted above, in accordance with the Storm Water Pollution Prevention Plan filed with the Office of Pollution Control and good engineering practices as required by the above referenced permit.
certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for anowing violations.
further certify that the Mississippi Office of Pollution Control has been notified of any changes pertinent to our torm water permit as required in Part II.C.
R.P. Murphey Authorized Name (Print) X MMurphy J-28-98 Date
Signature Date

These reports shall be submitted annually, as required in the permit, to:

Chief, Industrial Branch Office of Pollution Control P.O. Box 10385 Jackson, Mississippi 39289-0385

Report storm date a		RP MILAPHEY / PLT A	NAME/TITLE PRINCIPAL EXECUTIVE								TOTAL PHENOLS		OIL & GREASE		TSS		рH	(32-37)	PARAMETER	LOCATION COLUMBUS, MS	KERR-MCGEE CHEMICAL
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EPA Form 3320-1 (Rev. 9-88) Previous editions may be used.

5 Hours

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

PAGE

4

1.70

OUTFALL# |

APPRESS A.P. Murchey 906

KERR-MCGEE CHEMICAL CORP.

MAME

facility Name/Location if different)

DISCHARGE MONITORING REPORT (DMR)
(2:16)

PERMIT NUMBER MSR220010

DISCHARGE NUMBER

OMB No. 2040-0004

Form Approved

Report storm date and duration (hours); es	R.P. MURPHEY / PLT.	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER														TSS	(32-37)	PARAMETER		LOCATION COLUMBUS, MS	KERR-MCGER CHEMICAL
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ADDRESS

P O BOX 906

COLUMBUS, MS

39703

Facility Name/Location if different)

DISCHARGE MONITORING REPORT (DMR)
(2-16)
(17-19)

MSR220010

DISCHARGE NUMBER

OMB No. 2040-0004

Form Approved



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

James I. Palmer, Jr., Executive Director

August 19, 1997

ATTENTION:

Companies Granted General Storm Water Permit Coverage

FROM:

Jerry W. Cain, P.E., DEE, Chief Environmental Permits Division

SUBJECT:

Permit Coverage Expiration and Renewal

Your Certificate of Coverage indicates a July 13, 1997, expiration date (November 9, 1997, for Mining), which is consistent with the General Storm Water Permit expiration date. However, the existing permit continues in effect, along with your coverage under the permit, until the general permit is reissued. Therefore, you do not have to begin obtaining recoverage until notified. The reissued general permit will have specific instructions for recoverage.

For Construction and Mining, coverage revocation should be requested in writing, when permit requirements have been met.

We appreciate your compliance with Storm Water Regulations. If you have any questions, you may call Mr. Jim Morris at (601)961-5151.

JWC:JM:dht

Permit Tracking Screen (PTRK)

PERMIT # :

Permit Issuance:

TRANSACTION CODE : (N=NEW C=CHANGE)

PERMIT TRACKING EVENT CODE : P 4 0 9 9

SCHEDULED DATE :

ACTUAL DATE :

Permit Expiration:

TRANSACTION CODE : (N=NEW C=CHANGE)

P 5 0 9 9 PERMIT TRACKING EVENT CODE :

SCHEDULED DATE :

ACTUAL DATE :

Facility Address Screen (FACA)

** Permit # m 5 R 2 2 0 0 1 0

	-		- *	Prima	ry DMR	Mailing	Addr	ess		-	-	
Facility Name	Ker	r - M	ر (ج	e e	Che	m i c A	1 (0	RP			
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Address Line2												
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	-		- 2	Alterna	ate DM	R Mailing	g Add	ress	-		_	
Facility Name												
Address Line1												
Address Line2												
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Address Line2									2			
CITY CDIUM	nbu	5					ST	MS	ZIP	97	dII	
			Tele	phone [01	-328.	75	51				

Facility Data Screen #1 (FAC1)

PERMIT #: m 5 R 2 2	TRANSACTION CODE: IS THIS A MODIFICATION ?
FACILITY NAME: K	err-mcGee (nemical Corp
COGNIZANT OFFICIAL:	1 RON P MURPHEY
PHONE: 601-32	8-7551 CITY: CDLumBus COUNTY CODE: 087
SIC CODE: 2491	TYPE OF APPLICATION: FACILITY OWNERSHIP: PRI
TYPE OF PERMIT: S	FEDERAL GRANT: WATER QUALITY 92-500 ONLY "\$" LIMITS (Y/N)
FACILITY INACTIVE CODE	FACILITY - (Use ONLY if you are inactivating are inactivating are inactivating are entire facility. Otherwise use OFLO
SUB-REGION: NO	ENGINEER: CAS AVERAGE DESIGN FLOW: 0 0 0 1
	COMPLIANCE:
RIVER BASIN # 0338 RECEIVING LUXAPA	Facility Data Screen #2 (FAC2) 0338 - Upper Tombigbee River 0340 - Lower Tombigbee River 0342 - Pascagoula River 0343 - Pearl River 0408 - Tennesse River 1006 - Mississippi River 1011 - Yazoo River 1018 - Big Black 1021 - South Independent 1099 - Coastal Streams
Facility Type:	Treatment Type: HC = Hydrograph Controlled RDF4 E O P (See Page 12) ML = Multiple Lagoon
I = Industrial X = Ind. No Report P = Pretreatment M = Municipal D = Domestic N = Dom. No Report F = Federal Toxic and Bio- Assay Code: RDF2 T = Toxic A = Acute	NC = Non-Contact Cooling OS = Off Site Disposal AC = Activated Carbon AS = Activated Sludge AL = Aerated Lagoon AN = Anaerobic Lagoon API = API Separator AW = Artificial Wetlands CC = Contact Cooling CL = Conventional Lagoon CT = Cooling Tower CT = Cooling Tower CD = Diffuser EOP = End of Pipe ST = Non-Contact Cooling OF = Overland Flow OD = Oxidation Ditch PC = Physical Chemistry PS = Primary Sedimentation RR = Recycle and Reuse RO = Reverse Osmosis RBC = Rotating Biological Contractor SF = Sand Filter SS = Secondary Sedimentation SI = Spray Irrigation SW = Statewide EV = Evaporation TF = Trickling Filter
C = Chronic	

Permit Facility Geographic Data Screen (FAGD)

PERMIT #: MSR220010 TRANSACTION CODE: C
LATITUDE (FLAT): + H D D M M S S T
LONGITUDE (FLON): - H D D D M M S S T
LAT/LONG METHOD (FLLM) : A
A = Map Interpolation B = Navigation-Quality GPS C = Remote Sensing D = Zip Code Centroid U = Unknown 1 = Address Mapping 2 = Aerial Photo w/Ground Control 3 = Cadastral Survey 4 = State Plan Coord System Conv 5 = Township-Section-Range sys Conv 6 = UTM Coordinates Conversion 7 = Raw Photo Extration 8 = GPS Survey 9 = Loran-C Navigational Device
LAT/LONG DATUM (FLLT): 1 U = Unknown 1 = NAD27 2 = NAD83
LAT/LONG SCALE (FLLS) : 3
N = Not Applicable 3 = 24,000 7 = 63,350 U = Unknown 4 = 25,000 8 = 63,360 1 = 15,840 5 = 62,500 9 = 250,000 2 = 20,000 6 = 63,000
LAT/LONG DESCRIPTION (FLLD) : 0 1 0 9 9 01099 = Centroid of Processing Area 02099 = Front Door of Facility
USGS HYDROLOGIC BASIN CODE (FHBC) : 03/60/05

Outfall General Data Screen #1 (OFLG)

PERMIT #: MSR2200	TRANSACTION CODE: (N=New C=Change)
DISCHARGE NUMBER : OOI	REPORT DESIGNATOR : [
INITIAL REPORT DATE: (Date monitoring is to begin)	-01-98 REPORT UNITS: M
NUMBER OF MONTHS IN O 1 3	TOTAL NUMBER OF MONTHS DUE : 0 5 (Months due in 5 years)
INITIAL STATE SUBMISSION DAT	TE: $OI - 98 - 99$ STATE SUBMISSION UNIT: M
NUMBER OF UNITS IN STATE SUB	MISSION PERIOD (See instruction sheet, #9).
PIPE DESCRIPTION : Stor	mwater runoff
SEASONAL DMR PRINTING INDICA	TORS : YYYYYYYYYYY
INITIAL LIMIT DATES : STA	RT END — —
INTERIM LIMIT DATES : STA	RT END
FINAL LIMIT DATES : STA	RT 10-27-92 END 07-13-97
PIPE INACTIVE CODE :	PIPE INACTIVE DATE : - - AGENCY REVIEWER (ENGINEER) :
(Use if only the pipe itself is not active. To inactivate an entire facility, use FAC	(ENGINEER) :
(Use if only the pipe itself is not active.	(ENGINEER) :
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(Use if only the pipe itself is not active.	Outfall General Data Screen #2 (OFLT)
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caclia; Name/Location if different)

ADDRESS MMA

JOHN GETZ

DISCHARGE MONITORING REPORT (DMR)
(2:16)
(2:16)

MALLED 1-31-97

1-9-18-1

P O BOX 906

PACILITY

COLUMBUS, MS —

MONITORING PERIOD

Page 1 -

first 30 minute sample

OMB No. 2040-0004

PERMIT NUMBER MSRZZ0010

DISCHARGE NUMBER

COLUMBUS, MS 39703 ---

COMMENT A		NAME/TITL				+ +-						5 (5.5)				TSS		36		PACILITY		ADDRESS
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments	TYPED OR PRINTED	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER										•					(See St.)	PARAMETER (32.37)		COLUMBUS, MS	COLUMBUS, MS	JOHN GETZ P O BOX 906
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MAN

MERMITTEE NAME/ADDRESS (Include Macility Name/Location if different)

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

1

Report storm date and duration (hours); estimated rainfall (inches) & total discharge (gals)

EPA Form 3320-1 (Rev. 9-88) Previous editions may be used.	OUTFALL !		D EXPLANATION OF	R. P. MURPHEY PLT	NAME/TITLE PRINCIPAL EXECUTIVE								TOTAL PHENOLS		OIL & GREASE		TSS		рн	(32-37)	PARAMETER	LOCATION	1.1	COLUMBUS, MS	ADDRESS R. P. Marchey
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Facility Name/Location if different)

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

PERMIT NUMBER MSR220010

DISCHARGE NUMBER

MONITORING PERIOD

Page 2 - three hour composite

OMB No. 2040-0004 Form Approved

ADDRESS

R.P. MURPHEY
P O BOX 906

COLUMBUS, MS

39703

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COLUMBUS, MS

KERR-MCGEE CHEMICAL CORP.

(Rev. 9-88) Previo	DUTTALL #9	Report storm date and duration (hours); est	TYPED OR PRINTED	RPM DOWEN / DIT MAR	NAME/TITLE PRINCIPAL EXECUTIVE								TOTAL PHENOLS		OIL & GREASE		TSS		рн	(32-37)	PARAMETER		LOCATION COLUMBUS, MS	PACILITY COLUMBIA WE
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P O BOX 906

KERR-MCGEE CHEMICAL CORP.

COLUMBUS, MS

39703

facility Name/Location if different)

DISCHARGE MONITORING REPORT (DMR)
(2:16)

PERMIT NUMBER MSR220010

DISCHARGE NUMBER

MONITORING PERIOD

Page 1 - first 30 minute sample

OMB No. 2040-0004 Form Approved

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

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PACILITY

KERR-MCGEE CHEMICAL CORP.

COLUMBUS, MS R.P. MURPHEY
P O BOX 906

39703

ADDRESS

Facility Name/Location if different)

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

PERMIT NUMBER MSR220010

DISCHARGE NUMBER

MONITORING PERIOD

Page 2 - three hour composite

OMB No. 2040-0004 Form Approved

EPA Form 3320-1 (Rev. 9-88) Previous editions may be used.	Report storm date a		R.P. MURPHEY PLT A	NAME/TITLE PRINCIPAL EXECUTIVE								TOTAL PHENOLS		OIL & GREASE		TSS		рH	(32-37)	PARAMETER	LOCATION	FACILITY COLUMBUS, MS CHEMICAL		ADDRESS R. P. Murchey	PERMITTEE NAME/ADDRESS (Include Facility Name/Location (f different) NAME
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COLUMBUS, MS

KERR-MCGEE CHEMICAL CORP.

COLUMBUS, MS

39703

ADDRESS

P O BOX 906

Facility Name/Location if different)

DISCHARGE MONITORING REPORT (DMR)
(2-16)
(2-16)

PERMIT NUMBER MSR220010

DISCHARGE NUMBER

MONITORING PERIOD

Page 2 - three hour composite

OMB No. 2040-0004 Form Approved January 24, 1997



Mr. Louis Lavalles, P.E. Chief Industrial Stormwater Section Office of Pollution Control P. O. Box 10385 Jackson, MS 39289

Re:

Kerr McGee Chemical Corporation - Forest Products Division

Columbus, Mississippi Wood Treating Facility

General Stormwater Permit MSR20010 1996 Stormwater Monitoring Report

Dear Mr. Lavalles:

Kerr-McGee Chemical - Forest Products Division (KMCC-FPD), is submitting the 1996 annual report for general NPDES Permit MSR20010 for the Columbus, Mississippi facility stormwater monitoring. Please find enclosed discharge monitoring report forms and inspection documentation for storm water runoff at Columbus, Mississippi creosote wood treating facility.

Sincerely.

KERR-McGEE CHEMICAL CORPORATION FOREST PRODUCTS DIVISION

R. P. Murphey Plant Manager

RPM/law

cc: S. A. Ladner



Report storm date a		_	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER							TOTAL PHENOLS		OIL & GREASE		TSS		рн	(32-37)	PARAMETER	-	ACILITY KERR-MCGEE CHEMICAL	P O BOX 906	C
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(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

Report storm date and duration (hours); es	TYPED OR PRINTED		NAME/TITLE PRINCIPAL EXECUTIVE														TSS	(Jacob)	PARAMETER	ACILITY KERR-MCGEE CHEMICAL	P O BOX 906 COLUMBUS, MS	'ERMITTEE NAME/ADDRESS (Include 'acility Name/Location if different)
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PAForm 3320-1 (Rev. 9-88) Previous editions may be used. | REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.

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PAForm 3320-1 (Rev. 9-88) Previous editions may be used. | IREPLACES EPA FORM T-40 WHICH MAY NOT BE USED.

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100 June 2007

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DISCHARGE MONITORING REPORT (DMR)
(2.16)
(17.19)

MSR220010

OMB No. 2040-0004 Form Approved

DRESS

JOHN GETZ

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8831

JOHN GETZ
P O BOX 906
COLUMBUS, MS 39703
KERR-MCGEE CHEMICAL CORP.

wame/Location if aifferent)

DISCHARGE MONITORING REPORT (DMR)
(2-16)
(17-19)

MSR220010

PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD

Page 2 - three hour composite

OMB No. 2040-0004 Form Approved

603 Gillespie Street ENVIRO-LABS, INC

P. O. Box 1096

December 12, 1996

Starkville, MS 39760-1096 1-601-323-7744

1-601-324-1745 & FAX

USEPA Labcode: MS00023

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

TO: Kerr McGee Chemical

4008	4007	4006	4005	4004	Lab ID.#
Outfall #11 Sample #5	Outfall #9 Sample #4	Outfall #2 Sample #3	Outfall #2 Sample #2	Outfall #1 Sample #1	Sample Date Description Received
#11 12/05/96 #5	12/05/96	12/05/96	12/05/96	12/05/96	Date Received
PHENOLS	OIL & GREASE	SUSPENDED SOLIDS	PHENOLS	рН	Parameter
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				نی	Result of Standard
		mg/1		SU	¥ of
		78 - 82 mg/l		4.0 - 4.4 SU	Acceptable Range of Standard
420.1	413.1	160.2	420.1	150.1	Method Used

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

AND WASTE

Approved:

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No, explain above	ALL ANALYSIS PERFORMED BY EPA APPROVED PROCEDURES															REMARKS	STORMWATER	Surface Water	Groundwater	SAMPLE	

KERR-MCGEE CORPORATION

Table A

		Rainfall data re	cording form		
(1) Storm S	tart time ⁽²⁾	(3) Storm fin	ish time ⁽⁴⁾	⁽⁵⁾ Rainfall	rainfall
Date	Hr/min	Date	Hr/min	duration ^a (hr/min)	depth (in)
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^a (Storm finish time) - (Storm start time)



STATE OF MISSISSIPPI

DEPARTMENT OF ENVIRONMENTAL QUALITY

JAMES I. PALMER, JR.

EXECUTIVE DIRECTOR

August 6, 1996



Mr. Steve Ladner
Staff Environmental Specialist
Kerr-McGee Chemical Corporation
P. O. Box 25861
Oklahoma City, Oklahoma 73125

Dear Mr. Ladner:

Re: Permit Coverage Renewal Wood Treater MSR220010 Kerr-McGee Facility Columbus, Lowndes County

We have received your August 2, 1996 fax asking what you will need to do to renew permit coverage MSR220010 which expires on July 13, 1997. Renotification requirements are listed in the Wood Treater General NPDES Permit, Part II.D. It says that renotification must be made in accordance with the requirements of the reissued permit. Those requirements have not been established yet. However, the reissued permit will allow sufficient time to comply with renotification requirements.

Please let us know if you have questions.

Sincerely,

Jerry W. Cain, P. E., DEE, Chief Industrial Wastewater Control Branch

JWC:11

c: Mr. John Getz, Kerr-McGee

H

1:48FM

E

FAX

To:

Mississippi Department of Environmental Quality

Fax#:

601/961-5703

Subject:

Stormwater Permit

Date:

August 2, 1996

Pages:

One, including this cover sheet.

COMMENTS:

To Whom It May Concern:

The Stormwater Permit for our Columbus, MS wood treating facility expires in July of 1997. Please let me know what we will need to do to renew it.

Your response by return fax would be very much appreciated.

MSR220010

John Gets2 Km P.o. By 90% Columbus, MS 39703

From the desk of...

Staff Environmental Specialist Kerr-McGee Chemical Corporation P.O. Box 25861 Oklahoma City, OK 73126

> 405/270-2625 Fax: 405/270-2420

FILE COPY

March 5, 1996

Mr. John Getz Kerr-Mcgee Chemical Corp. P O Box 906 Columbus, Mississippi 39703

Dear Mr. Getz:

Re: 1996 Discharge Monitoring Report (DMR) Forms for Storm Water Sampling Results Under Wood Treater General Storm Water Permit Permit Coverage Number MSR220010

Mississippi's Wood Treater Storm Water General Permit requires that you sample your storm water runoff as outlined in Part IV.C. Enclosed are DMR forms which should be used to report sample results for both the grab and composite samples. A copy of the completed DMR forms must be returned to our office by January 28, 1997.

We appreciate your attention to your storm water permit. If you have any questions, please contact me at 601-961-5074.

Respectfully,

Louis Lavallee, P. E., Chief Industrial Storm Water Section

Enclosures

first 30 minute sample NOTE: Read instructions before completing this form. DATE 0 **X** FREQUENCY OF ANALYSIS 1/yr 1/yr 1/yr 1/yr (84-68) OMB No. 2040-0004 YEAR Form Approved (62-63) ŠΑ NUMBER TELEPHONE mg/1 mg/1 mg/l s.u. UNITS AREA report report report report ı MAXIMUM SIGNATURE OF PRINCIPAL EXECUTIVE н CONCENTRATION Page OFFICER OR AUTHORIZED AGENT XXXXXX XXXXXX XXXXXX XXXXX NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
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SAMPLE TYPE

(69-70)

grab

grab

grab

grab

& total discharge (gals) (inches) Report storm date and duration (hours); estamated rainfall

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

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DAY

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here)	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAULUR WITH THE INFORMATION SUBMITTED HEREN, AND BASED ON MY NOURRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELLEVE THE SUBMITTED INFORMATION IS TRUE. ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SCARFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRESONMENT. SEE, 18 U.S.C. \$ 1001 AND 33 U.S.C. \$ 1319. (Prailies under these situates thay include these under the state of the control of the													XXXXXX	XXXXXX	MAXIMUM UNITS	QUANTITY OR LOADING (54-61)	22-23)	FROM YEAR MOON		PERMIT NUMBER	MSRZ20010	NATIONAL POLLUTANT DIS
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Report storm date a		NAME/TITLE PRINCIPAL EXECUTIVE OFFICER								TOTAL PHENOLS		OIL & GREASE		TSS		рн	(32-37)	PARAMETER	KERR-MCGEE-CHEMIGAL-CORPACILITY COLUMBUS, MS		1 3 11
and duration	MD. SUPT.		PERMIT REQUIREMENT	SAMPLE MEASUREMENT	PERMIT REQUIREMENT	MEASUREMENT	PERMIT	SAMPLE MEASUREMENT	REQUIREMENT	SAMPLE	PERMIT	SAMPLE MEASUREMENT	PERMIT	SAMPLE MEASUREMENT	PERMIT	SAMPLE MEASUREMENT			EMI CAL CC	——————————————————————————————————————	
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ye (gals)	AREA 322	RLEPHONE			100		3.		E mg/1		mg/l	!	t mg/l	<u> </u>	s.u.	<u> </u>	UNITS		first 30 minute	OMB No. 2040-0004	Form Approved.
(s)	372-7551 96	Ž	1,2K+		a kaji wai		Y		i i i i i i i i i i i i i i i i i i i	٥		0	(3)24	0	21. 3 .90,	0	(62-63)	M S W S	30 pore com	040-00	oved.
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	1 23	ATE	ple						grab	N/A	grab	NA	grab	N/A	grab	GRAB	+	SAMPLE	sample		

Inspection Report and Certification Form For Storm Water Pollution Prevention Plan Evaluation

Wood Treater Storm Water General NPDES Permit No. MSR220010

(Please Print)

Owner and/or Operator: DONNIE YARBROUGH
Facility Name: KERR McGEE CHEMICAL CORP. FOREST PRODUCTS DIVISION
Facility Location: 2300 14 th AVE AND Joth ST. N. COLUMBUS, MS.
Date and Time: 12-15-95
Inspector(s): CHARLES SWANN
Date of Last Ruinfall: 12-8-95 Estimated Amount: 6.80 inches
Deficiencies Noted During the Inspection (attach additional sheets if necessary):
NO DEFICIENCIES NOTED - RETAINER WALL ALONG 14th AVE
WAS repaired During 1995.
Corrective Action Needed (attach additional sheets if necessary):
N/A
Corrective Action Compliance Schedule:
_ N /A
Based upon this inspection which I or personnel under my direct supervision conducted, I certify that all pollution control measures are adequate and have been implemented and maintained, except for those deficiencies noted above, in accordance with the Storm Water Pollution Prevention Plan filed with the Office of Pollution Control and good engineering practices as required by the above referenced permit.
certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the aformation submitted. Based on my inquiry of the person or persons responsible for gathering the information, the aformation submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for anowing violations.
further certify that the Mississippi Office of Pollution Control has been notified of any changes pertinent to our torm water permit as required in Part II.C.
Authorized Name (Print) Authorized Name (Print) Authorized Name (Print) Authorized Name (Print)
These reports shall be submitted annually, as required in the permit, to: Chief, Industrial Branch
Office of Pollution Control P.O. Box 10385
Jackson, Mississippi 39289-0385

Table A

		Rainfall data r	recording form		
(1) Storm S	tart time (2)	(3) Storm fi	nish time ⁽⁴⁾	(5) Rainfall	6) rainfall
Date	Hr/min	Date	Hr/min	duration* (hr/min)	depth (in)
12-8-95	8:30 AM	12-8-95	2:45 PM	6 hr 15 min	0.80 in
12-16-95	5:55 AM	12-16-95	1:30 PM	7 HR 35 min	0.79 in
	- A		F _		
	31			F	
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			N		

^{* (}Storm finish time)'- (Storm start time)

Table B

Date: 12-16-95

-Samples collected by: DANNY PRICE

Sample type	Composite aliquot No.	Time sample taken (hr/min)*	Rainfall gauge reading (in)	Sample temp. (C)	Remarks
Grab	-	6:02 AM	0.09		QUIFALL #001 PH
Composite	1				
	2				
	3				
	4				
	5				
	6				1
	7				
	. 8		29		
	9				

⁽a) Composite sample aliquots should be taken at 20-minute intervals

Table B

Date: 12-16-95

-Samples collected by: DANNY PRICE

Sample type	Composite aliquot No.	Time sample taken (hr/min)*	Rainfall gauge reading (in)	Sample temp. (C)	Remarks
Grab	-	6:05 AM	0.09		DITTFALL # Z AND TSS
Composite	1	6:06 AM	0.09		OUTFALL # 00 Z TSS
	2	6:30 AM	0.15		
	3	6:52 AM	0.18		
	4	7:16 AM	0.25		
	5	7:25 AM	0.30		
	6	7:49 AM	0.42		
	7	8:08 AM	0.45		
	8	8:30 AM	0.60		
	9	8:51 AM	0.62		

⁽a) Composite sample aliquots should be taken at 20-minute intervals

Table B

Date: 12-16-95

Samples collected by: DANNY PRICE

Sample type	Composite aliquot No.	Time sample taken (hr/min)*	Rainfall gauge reading (in)	Sample temp. (C)	Remarks
Grab	-	6:10 AM	0.09		DUTFALL #009 OIL AND GREA
Composite	1		4:		
	2				
	3				
	4				
	5				
	6				
	7			W.	
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	9				

⁽a) Composite sample aliquots should be taken at 20-minute intervals

Table B

Date: 12-16-95

-Samples collected by: DANNY PRICE

Sample type	Composite aliquot No.	Time sample taken (hr/min)*	Rainfall gauge reading (in)	Sample temp. (C)	Remarks
Grab	-	6:13 AM	0.09		OUTFALL # 011 TOTAL PHE
Composite	1				
A	2				
	3				
	4				
	5				
	6				
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⁽a) Composite sample aliquots should be taken at 20-minute intervals

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Ladra Edumbus STMU



February 13, 1995

Mr. Louis Lavallee, P.E. Chief Industrial Stormwater Section Office of Pollution Control P.O. Box 10385 Jackson, MS. 39289

Re: Kerr-McGee Chemical Corporation-Forest Products Division Columbus, Mississippi Wood Treating Facility General Stormwater Permit MSR20010

Dear Mr. Lavallee:

Kerr-McGee Chemical Corporation-Forest Products Division (KMCC-FPD) facility at Columbus, Mississippi manages stormwater pollution prevention and stormwater discharge monitoring under NPDES General Permit MSR20010. This facility is a creosote only wood preserving plant that monitors pH, TSS, Oil and Grease, and Total Phenols.

After reviewing the Monitoring Requirements (Section IV.C) of the permit, Section IV.C.4. Monitoring Exemptions, of the permit states that:

" If two consecutive annual samplings show concentrations are below the indicated value then monitoring for these parameters may be discontinued."

In review of the 1993 and 1994 monitoring data for the facility, each outfall showed concentrations below the permit limits for two consecutive samplings for several parameters. In an attempt to simplify this data, a table is attached showing the 1993 and 1994 concentration, the permit limit, and whether limit was exceeded during these consecutive sampling events (See Attachment). According to this comparison, the following outfalls can eliminate all monitoring parameters except those listed below:

- * Outfall 001 monitors only pH.
- * Outfall 002 monitors only TSS, and Total Phenols.
- * Outfall 005 eliminates all monitoring parameters.
- * Outfall 009 monitors only Oil and Grease.
- * Outfall 011 monitors only Total Phenols.



Mr. Lavallee February 6, 1995 Page 2

Based on this interpretation, KMCC-FPD will monitor these parameters for 1995.

If you have any questions, please contact me at (405) 270-2625 or Tony Helms, Plant Manager at (601) 328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION FOREST PRODUCTS DIVISION

Stephen A. Ladner

Staff Environmental Specialist

cc: A.N. Helms, Plant N.E. Bock, KMCC

KERR-McGEE CHEMICAL CORPORATION Columbus, Mississippi Facility

Stormwater Discharge Analyses

Outfall 001				_
	1000	1004	<u>Limit</u>	<u>Exceeds</u> Limit
<u>Parameter</u>	<u>1993</u>	<u>1994</u>	DIMIC	Dimi
рН	6.96	9.06	6-8.5	Yes
TSS	4	N/D	50.0 mg/l	No
Oil & Grease	N/D	0.8	5.0 mg/l 0.10 mg/l	No No
Total Phenols	N/D	N/D	0.10 mg/1	NO
Outfall 002				7
		1004	<u>Limit</u>	<u>Exceeds</u> Limit
<u>Parameter</u>	<u>1993</u>	<u>1994</u>	TIMILE	DIMIC
На	7.51	7.58	6-8.5	No
TSS	84	N/D	50.0 mg/l	Yes
Oil & Grease	0.6	N/D	5.0 mg/l	No
Total Phenols	9.9	N/D	0.10 mg/l	Yes
				*1
Outfall 005				
OUDIUIL VVO				Exceeds
<u>Parameter</u>	<u>1993</u>	<u> 1994</u>	<u>Limit</u>	<u>Limit</u>
	C 25	7.91	6-8.5	No
pH TSS	6.35 7	N/D	50.0 mg/l	No
Oil & Grease	2.3	0.9	5.0 mg/l	No
Total Phenols	0.09	N/D	0.10 mg/l	No
		•		
- 14 13 444				
Outfall 009				Exceeds
<u>Parameter</u>	1993	<u> 1994</u>	<u>Limit</u>	<u>Limit</u>
1 alamoool				
рН	7.73	7.61	6-8.5	No
TSS	5.00	N/D	50.0 mg/l 5.0 mg/l	No Yes
Oil & Grease	5.0	0.9	0.10 mg/l	No
Total Phenols	מ/א	N/D	0.10 mg/ 1	
Outfall 011				<u>Exceeds</u>
	1002	1004	<u>Limit</u>	<u> Limit</u>
<u>Parameter</u>	<u>1993</u>	<u>1994</u>	TITHIT C	
рН	7.53	7.84	6-8.5	No
TSS	2	N/D	50.0 mg/l	No
Oil & Grease	N/D	3.84	5.0 mg/l	No
Total Phenols	N/D	0.13	0.10 mg/l	Yes



KERR-MCGEE CENTER • OKLAHOMA CITY, OKLAHOMA 73125

February 13, 1995

Mr. Louis Lavallee, P.E. Chief Industrial Stormwater Section Office of Pollution Control P.O. Box 10385 Jackson, MS. 39289 Dept of the state of the state

Re: Kerr-McGee Chemical Corporation-Forest Products Division Columbus, Mississippi Wood Treating Facility General Stormwater Permit MSR20010

Dear Mr. Lavallee:

Kerr-McGee Chemical Corporation-Forest Products Division (KMCC-FPD) facility at Columbus, Mississippi manages stormwater pollution prevention and stormwater discharge monitoring under NPDES General Permit MSR20010. This facility is a creosote only wood preserving plant that monitors pH, TSS, Oil and Grease, and Total Phenols.

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- * Outfall 005 eliminates all monitoring parameters.
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- * Outfall 011 monitors only Total Phenols.



Mr. Lavallee February 6, 1995 Page 2

Based on this interpretation, KMCC-FPD will monitor these parameters for 1995.

If you have any questions, please contact me at (405) 270-2625 or Tony Helms, Plant Manager at (601) 328-7551.

Sincerely,

KERR-McGEE CHEMICAL CORPORATION FOREST PRODUCTS PIVISION

Stephen A. Ladner

Staff Environmental Specialist

cc: A.N. Helms, Plant N.E. Bock, KMCC

KERR-McGEE CHEMICAL CORPORATION Columbus, Mississippi Facility

Stormwater Discharge Analyses

Outfall 001				
<u>Parameter</u>	<u>1993</u>	<u>1994</u>	<u>Limit</u>	<u>Exceeds</u> <u>Limit</u>
pH TSS Oil & Grease Total Phenols	6.96 4 N/D N/D	9.06 N/D 0.8 N/D	6-8.5 50.0 mg/l 5.0 mg/l 0.10 mg/l	Yes No No No
Outfall 002				<u>Exceeds</u>
<u>Parameter</u>	<u>1993</u>	<u>1994</u>	<u>Limit</u>	<u>Limit</u>
pH TSS Oil & Grease Total Phenols	7.51 84 0.6 9.9	7.58 N/D N/D N/D	6-8.5 50.0 mg/l 5.0 mg/l 0.10 mg/l	No Yes No Yes
Outfall 005				Exceeds
<u>Parameter</u>	1993	<u>1994</u>	<u>Limit</u>	<u>Limit</u>
pH TSS Oil & Grease Total Phenols	6.35 7 2.3 0.09	7.91 N/D 0.9 N/D	6-8.5 50.0 mg/l 5.0 mg/l 0.10 mg/l	No No No No
Outfall 009				Exceeds
<u>Parameter</u>	<u>1993</u>	1994	<u>Limit</u>	<u>Limit</u>
pH TSS Oil & Grease Total Phenols	7.73 5.00 5.0 N/D	7.61 N/D 0.9 N/D	6-8.5 50.0 mg/l 5.0 mg/l 0.10 mg/l	No No Yes No
Outfall 011				Exceeds
<u>Parameter</u>	1993	1994	<u>Limit</u>	<u>Limit</u>
pH TSS Oil & Grease Total Phenols	7.53 2 N/D N/D	7.84 N/D 3.84 0.13	6-8.5 50.0 mg/l 5.0 mg/l 0.10 mg/l	No No No Yes



STATE OF MISSISSIPPI



DEPARTMENT OF ENVIRONMENTAL QUALITY

JAMES 1. PALMER, JR.

EXECUTIVE DIRECTOR

February 10, 1995

Mr. John Getz Kerr-McGee Chemical Corporation P. O. Box 906 Columbus, Mississippi 39703

Dear Mr. Getz:

Re: 1995 Discharge Monitoring Report (DMR) Forms for Storm Water Sampling Results Under Wood Treater General Storm Water Permit Permit Coverage Number MSR220010

Mississippi's Wood Treater Storm Water General Permit requires that you sample your storm water runoff as outlined in Part IV.C. Enclosed are DMR forms which should be used to report sample results for both the grab and composite samples. A copy of the completed DMR forms must be returned to our office by January 28, 1996.

Only one outfall need be sampled if it is representative of all storm water outfalls. If more than one outfall will be sampled, please make copies of the enclosed forms for the additional outfall(s). The outfall sampled should be identified on each DMR form.

We appreciate your attention to your storm water permit. Please let us know if you have any questions.

Sincerely,

Louis Lavallee, P.E., Chief Industrial Storm Water Section

LL:ap Enclosures

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

ADDRESS P-0-BOX -906-

--KERR-MCGEE CHEMICAL CORP. FACILITY COLUMBUS, MS -

LOCATION

MSR220010 PERMIT NUMBER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPI)ES)
DISCHARGE MONITORING REPORT (DMR)

MONITORING PERIOD

DISCHARGE NUMBER

YEAR MO

9

MO DAY

YEAR

95

FROM

OMB No. 2040-0004 Form Approved.

Approval expires 10-31-94 first 30 minute sample Page

NOTE: Read instructions before completing this form. DAY

PARAMETER		(3 Card Ouly) QU (46-53)	QUANTITY OR LOADING (54-61)		(4 Card Only) (38-45)	QUALITY OR CONCE (46-53)	CONCENTRATION (54-61)	n	ÖX V	FREQUENCY	SAMPLE
(32-37)	<u> </u>	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	STIND	(6263)	(64-68)	(69-70)
Hd	SAMPLE	ТХХХХХХ	хххххх					3			
	PERMIT	жжжжж	XXXXXX	**************************************	report	XXXXXX	report	s.u.	3.X	1/yr	grab
TSS	SAMPLE	XXXXXX	хххххх								
	PERMIT	жххххх	XXXXXX		XXXXXX	жжжжж	report	mg/l		1/yr	grab
OIL & GREASE	SAMPLE	T XXXXXX	XXXXXX					((2))			
	PERMIT	r xxxxx	XXXXX		XXXXX	XXXXXX	report	mg/1	-5-	T/VE	grab
TOTAL PHENOLS	SAMPLE	XXXXXX	хххххх								
32 102	PERMIT	XXXXX	XXXXXX		XXXXX	XXXXX	report	mg/1		1/yr	ğrab
	SAMPLE MEASUREMENT	TN.		1							
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	SAMPLE	TV.									
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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	1—	ERTIFY UNDER PENALTY D AM FAMILIAR WITH THE	OF LAW THAT I HAVE INFORMATION SUBMITT	I HAVE PERSONALLY EXAMINED SUBMITTED HEREIN: AND BASED	SEC SEC			TELEPHONE	NE E	0	ATE
	68694	ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONS OBTABLING THE INFORMATION. I BELEVE THE SUBMITTED INFORM TRUE. ACCURATE AND COMPLETE. I AM AWARE THAT TH SIGNATICANT PENALTIES FOR SUBMITTING FALSE INFORMATION. I THE POSSIBILITY OF FINE AND MPRISOMENT SEE IN U.S. (F) THE POSSIBILITY OF FINE AND MPRISOMENT SEE IN U.S. (F)	INDIVIDUALS IMMEDIAT N. I BELLEVE THE SUB NOPILETE. I AM AWAIL R SUBMITTING FALSE II ND MARISONMENT SEE	IMMEDIATELY RESPONSIBLE FOR THE SUBMITTED INFORMATION IS THE AWARE THAT THERE ARE FALSE INFORMATION INCLUDING FOUR SET IN SET IN USC. AND EASING FINE AND INCLUDING FOUR SET IN SET IN SET IN THE INFORMATION IN THE INCLUDING FINE INCLUDING FINE INCLUDING FINE IN THE INCLUDING FINE		SIGNATURE OF PRINCIPAL EXECUTIVE		*			
TYPED OR PRINTED		0,000 and or maximum impris	onment of between 6 month	hs and 5 years.)	_	OFFICER OR AUTHORIZED AGENT		CODE	NUMBER	YEAR	MO DAY

Report storm date and duration (hours); estamated rainfall (inches) & total discharge (gals) COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) TYPED OR PRINTED

OMB No. 2040-0004

Approval expires 10-31-94 three hour composite

NOTE: Read instructions before completing this form. (26-27) (28-29) (30-31)

PARAMETER		(3 Card Only) QU. (46-53)	QUANTITY OR LOADING (54-61)	(4 Card Only) (38-45)		QUALITY OR CONCENTRATION (46-53)	(54-61)	}		S.M.	FREQUENCY OF OF	SAMPLE
(32-37)		AVERAGE	МАХІМИМ	UNITS	MINIMUM	AVERAGE	MAXIMUM		UNITS	-	(64-68)	(69.70)
TSS	SAMPLE	хххххх	хххххх			7		20				-
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Report storm date and duration (hours); estimated rainfall (inches) & total discharge (gals)

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

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January 26, 1995

SAMPLING REFORT

Mr. Louis Lavalles, P. E. Chief Industrial Storm Water Section Office of Pollution Control P. O. Box 10385 Jackson, MS. 39289

Kerr McGee Chemical Corporation - Forest Products Division Re: Columbus, Mississippi Wood Treating Facility General Stormwater Permit MSR20010 1994 Stormwater Monitoring Report

Dear Mr. Lavalles:

Kerr McGee Chemical - Forest Products Division (KMCC-FPD), is submitting the 1994 annual report for general NPDES Permit MSR20010 for the Columbus, Mississippi facility stormwater monitoring. Please find enclosed discharge monitoring report forms and inspection documentation for storm water runoff at Columbus, Mississippi creosote wood treating facility.

Sincerely,

KERR MCGEE CHEMICAL CORPORATION FOREST PRODUCTS DIVISION

A. N. Helms

Plant Manager

a N. Helms

cc: S. A. Ladner



ERMITTEE NAME/ADDRESS (Include acility Name/Location if different)			NATIONAL POL	ARGE MO	NITORING R	EPORT	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NIDES) DISCHARGE MONITORING REPORT (DMR)						
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109-701

EPA Form 3320-1 (Rev. 9-88) Previous editions may be used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

PAGE 2 OF 10

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PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different) NAME ADDRESS TOTAL COMMA		 	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR) (2-16) (17-19)	ARGE MON	ARGE ELIMINA	EPORT (DM		CENTER OF THE		(E)		
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EPA Form 3320-1 (Rev. 9-88) Previous editions may be used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

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Report storm date and duration (hours); estimated rainfall (inches) & total discharge (gals) EPA Form 3320-1 (Rev. 9-88) Previous editions may be used. (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

OMB No. 2040-0004 Form Approved.

Approval expires 10-31-94

(11-01) (62-82) (72-92) SIGNATURE OF PRINCIPAL EXECUTIVE .N. Helma QUALITY OR CONCENTRATION AVERAGE XXXXXX 31 7AQ (46-53)NOTE: Read instructions before completing this form. Page 2 MAXIMUM report DZ three hour composite mg/l TELEPHONE 328-7551 95 STINO NUMBER ΜŅ (02-61) FREQUENCY OF ANALYSIS 1/yr YEAR 1/4 (64-68) 0 <u>X</u> DATE SAMPLE Comp Comp 109-701

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

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

GEVINGED GEVINGE

MSR220010

DISCHARGE NUMBER

MONITORING PERIOD

PageSIPROfitstp@ minute sample

KERR-McGer COKP.

JAN 16 FOR Approved.

ADDRESS JOHN GETZ

P O BOX 906 COLUMBUS, MS

FACILITY KERR-MCGEE CHEMICAL CORP.

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EPA Form 3320-1 (Rev. 9-88) Previous editions may be used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

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ADDRESS JOHN GETZ

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

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

PERMIT NUMBER MSR220010

DISCHARGE NUMBER

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

ANALYSIS (64-68)

SAMPLE

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comp. COMP Form Approved.

DATE

Part VII.

Inspection Report and Certification Form For Storm Water Pollution Prevention Plan Evaluation

Wood Treater Storm Water General NPDES Permit No. MSR220010

(Uenae Pilni)

Owner and/or Operators A. N.	HELMS	3 (9)	
Facility Name: KERR MCGEE C	HEMICAL CORPORATION, I	FOREST PRODUCTS	DIVISION
Facility Location: 2300 14TH AVE	. AND 20 TH STREET NO		
Unte and Times 12-16-94 /	10:30 AM		*
Inspector(s): CHARLES SWAN	IN 1 1 5		***
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I certify under penalty of law that this docustopervision in accordance with a system desinformation submitted. Based on my inquisitormation submitted is, to the best of my are significant penalties for submitting false knowing violations.	signed to assure that qualified persons or the person or persons responsible to the person or persons responsible to the persons to the perso	sound properly gather an sible for gathering the lat	d evaluate the formation, the
further certify that the Mississippi Office torm water permit as required in Part II.C	of Pollution Control has been note	lied of any changes pertin	cut to our
A. N. HELMS Authorized Name (Print)	_ a.N. Helms	$\boldsymbol{\nu}$	1/26/95
Authorized Name (Print)	Signatur	c /	Unle

These reports shall be submitted annually, as required in the permit, to:

Chief, Industrial Branch Office of Pollution Control P.O. Bux 10385

Juckson, Mississippi 39289-0385



STATE OF MISSISSIPPI

DEPARTMENT OF ENVIRONMENTAL QUALITY

JAMES I. PALMER, JR.

EXECUTIVE DIRECTOR

July 18, 1994

Mr. John Getz Kerr-McGee Chemical Corporation P. O. Box 906 Columbus, Mississippi 39703

Dear Mr. Getz:

Re: 1994 Discharge Monitoring Report (DMR) Forms for Storm Water Sampling Results Under Wood Treater General Storm Water Permit Permit Coverage Number MSR220010

Mississippi's Wood Treater Storm Water General Permit requires that you sample your storm water runoff as outlined in Part IV.C. Enclosed are DMR forms which should be used to report sample results for both the grab and composite samples. A copy of the completed DMR forms must be returned to our office by January 28, 1995.

Only one outfall need be sampled if it is representative of all storm water outfalls. If more than one outfall will be sampled, please make copies of the enclosed forms for the additional outfall(s). The outfall sampled should be identified on each DMR form.

We appreciate your attention to your storm water permit. Please let us know if you have any questions.

Sincerely,

Louis Lavallee, P.E., Chief Industrial Storm Water Section

LL:ap Enclosures

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)			NATIONAL POL	ARGE MON	ITORING R	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)	٣				
ADDRESS JOHN GETZ			NS.	MSR220010		(17-17)		Form /	Form Approved.		
P_O_BOX_906			PER	PERMIT NUMBER		DISCHARGE NUMBER		OMB N	OMB No. 2040-0004	004	
COLUMBUS, MS	39703			LINOW	MONITORING P	PERIOD		Approv	/al expires	Approval expires 10-31-94	**
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LOCATION COLUMBUS, MS FACILITY KERR-MCGEE CHEMICAL CORP. ADDRESS JOHN GETZ __ PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different) TSS COMMENT NAME/TITLE PRINCIPAL EXECUTIVE OFFICER COLUMBUS, MS P O BOX 906 AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) PARAMETER TYPED OR PRINTED SAMPLE MEASUREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT PERMIT REQUIREMENT SAMPLE MEASUREMENT 39703 PERMIT REQUIREMENT PERMIT REQUIREMENT PERMIT PERMIT REQUIREMENT PERMIT REQUIREMENT REQUIREMENT I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILLAR WITH THE INFORMATION SUBMITTED HEREIN: AND BASED ON MY INCURRY OF THOSE INDVIDUALS 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 statius' may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.) (3 Card Only) XXXXXX XXXXXX **AVERAGE** QUANTITY OR LOADING XXXXXX XXXXXX FROM 94 1 1 MAXIMUM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR) (54-61)PERMIT NUMBER MSR220010 CNITS MONITORING PERIOD (24-25) (4 Card Only) XXXXXX 70 MINIMOM 94 YEAR MO (26-27) (28-29) (30-31) SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT DISCHARGE NUMBER QUALITY OR CONCENTRATION **AVERAGE** XXXXXX 31 (46-5.3)DAY NOTE: Read instructions before completing this form. Page 2 MAXIMUM report (54-61) ı three hour composite Approval expires 10-31-94 OMB No. 2040-0004 Form Approved. TELEPHONE mg/1SLINO NUMBER (62-63) ΜŻ. FREQUENCY OF YEAR 1/yr ANALYSIS (64-68)DATE 80 SAMPLE TYPE comp. (69-70) DAY

Report storm date and duration (hours); estimated rainfall (inches) & total discharge (gals)



January 21, 1994

Mr. Louis Lavalles, P. E. Chief Industrial Storm Water Section Office of Pollution Control P. O. Box 10385 Jackson, MS 39289 JAN 25 1994

Dept. of Environmental Quality
Office of Politicipal Comrol.

Re: Kerr-McGee Chemical Corporation - Forest Products Division

Columbus, Mississippi Wood Treating Facility General Stormwater Permit MSR20010 1993 Stormwater Monitoring Report

Dear Mr. Lavalles:

Kerr-McGee Chemical - Forest Products Division (KMCC-FPD), is submitting the 1993 annual report for general NPDES Permit MSR20010 for the Columbus, Mississippi facility stormwater monitoring. Please find enclosed discharge monitoring report forms and inspection documentation for storm water runoff at Columbus, Mississippi creosote wood treating facility. Please note that pentachlorophenol and total arsenic were not tested. This is because arsenic compounds have never been used as a wood treatment at our facility and the use of pentachlorophenol as a preservative was stopped in 1974. Please let us know if you have any questions.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION FOREST PRODUCTS DIVISION

A. N. Helms Plant Manager

a. N. Helms

ANH/tii



Part VII.

Inspection Report and Certification Form For Storm Water Pollution Prevention Plan Evaluation

Wood Treater Storm Water General NPDES Permit No. MSR220010

(Please Print)

Owner and/or Operator: A.N. HELMS
Facility Name: KERR MCGEE CHEMICAL CORPORATION, FOREST PRODUCTS DIVISION
Facility Location: 2300 14TH AVE. AND 20TH STREET NORTH, COLUMBUS, MISSISSIPPI
Date and Time: DECEMBER 6, 1993 - 9:00 A.M.
Inspector(s): CHARLES SWANN
Date of Last Rainfall: DECEMBER 4, 1993 Estimated Amount: 0.25 inches
Deficiencies Noted During the Inspection (attach additional sheets if necessary):
EROSION NOTED IN SOUTH END OF CLOSED IMPOUNDMENT AREA.
Corrective Action Needed (attach additional sheets if necessary):
INSTALL LARGE ROCK IN ERODED AREA TO PREVENT FUTURE EROSION
Corrective Action Compliance Schedule:
CORRECTIVE ACTION COMPLETED DECEMBER 8, 1993.
Based upon this inspection which I or personnel under my direct supervision conducted, I certify that all pollution control measures are adequate and have been implemented and maintained, except for those deficiencies noted above, in accordance with the Storm Water Pollution Prevention Plan filed with the Office of Pollution Control and good engineering practices as required by the above referenced permit.
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.
further certify that the Mississippi Office of Pollution Control has been notified of any changes pertinent to our torm water permit as required in Part II.C.
A. N. HELMS Authorized Name (Print) O.N. Helmo Signature 1/21/94 Date
Date
These reports shall be submitted annually, as required in the permit, to: Chief, Industrial Branch

Office of Pollution Control P.O. Box 10385 Jackson, Mississippi 39289-0385

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ADDRESS JOHN GETZ-

ZACILITY KERR-MCGEE CHEMICAL CORP.

—-социмвив, мв---39703-

NAME

Facility Name/Location if different)

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

PERMIT NUMBER

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Page 1 - first 30 minute sample

OMB No. 2040-0004 Form Approved

OUTFALL # 1

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DISCHARGE MONITORING REPORT (DMR)
(2:16)

Form Approved OMB No. 2040-0004

OUTFALL #11

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MONITORING PERIOD

OMB No. 2040-0004 Form Approved

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

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

MSR220010

DISCHARGE NUMBER

OUTFALL #9

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[REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.]



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STATE OF MISSISSIPPI

DEPARTMENT OF ENVIRONMENTAL QUALITY

JAMES I. PALMER, JR.

EXECUTIVE DIRECTOR

August 6, 1993

Mr. Anthony N. Helms Production Superintendent Kerr-McGee Chemical Corporation P.O. Box 906 Columbus, Mississippi 39703-0906

Dear Mr. Helms:

Re: Storm Water Wood Treater Permit MSR220010 Storm Water Pollution Prevention Plan (SWPPP) Columbus Facility, Lowndes County

We received your Pollution Prevention Plan (SWPPP) on August 5, 1993, and find that it contains the essential elements required by Mississippi's Storm Water General NPDES Permit.

The plan will be further reviewed whenever we make a compliance inspection. The Office of Pollution Control reserves the right to request the plan be modified as needed. You should also review and modify the plan as needed. All significant modifications to the plan must be submitted to the Office of Pollution Control.

We appreciate your attention to the new storm water regulations. Please let us know if you have any questions.

Respectfully,

Louis Lavallee, P.E., Chief Industrial Storm Water Section

LL:ap

cc: Carolyn Mix

AUG - 5 1993



August 4, 1993

Louis Lavallee, P. E. Chief Mississippi Bureau of Pollution Control P. O. Box 10385 Jackson, MS 39789-0385

RE: Storm Water Pollution Prevention Plan

Kerr-McGee Chemical Corporation

Permit No. MSR220010

Columbus, Lowndes County

Please find attached the Storm Water Pollution Prevention Plan (SWPPP) required by our Storm Water Permit.

If any further information is required do not hesitate to contact me at 601/328-7551.

Sincerely,

KERR-MCGEE CHEMICAL CORPORATION FOREST PRODUCTS DIVISION

Q. N. Helms
Anthony N. Helms

Production Superintendent

ANH/tjj

Wood Treater





STATE OF MISSISSIPPI

DEPARTMENT OF ENVIRONMENTAL QUALITY

JAMES I. PALMER, JR.

EXECUTIVE DIRECTOR

July 6, 1993

Mr. John Getz Kerr-McGee Chemical Corporation P.O. Box 906 Columbus, Mississippi 39703

Dear Mr. Getz:

Re: Storm Water Pollution Prevention Plan (SWPPP)
Kerr-McGee Chemical Corporation
Permit No. MSR220010
Columbus, Lowndes County

According to our records you have not submitted the Storm Water Pollution Prevention Plan (SWPPP) required by the referenced storm water permit. Mississippi general storm water permits required the submission of the SWPPP to this office by April 1, 1993. Please let us know no later than July 30, 1993 if you will be submitting a SWPPP and when we can expect to receive it. If our records are incorrect please let us know.

If you have any questions, please call Mr. Nameh Salem at 961-5234, Mr. Ken LaFleur at 961-5192 or myself at 961-5074.

Sincerely,

Louis Lavallee, P.E., Chief Industrial Storm Water Section

LL:ap

cc: Mr. Jeffrey H. Bull, Manager





STATE OF MISSISSIPPI

DEPARTMENT OF ENVIRONMENTAL QUALITY

JAMES I. PALMER, JR.

EXECUTIVE DIRECTOR

March 15, 1993

Mr. John Getz Kerr-McGee Chemical Corp. P.O. Box 906 Columbus, Mississippi 39703

Dear Mr. Getz:

Re: Discharge Monitoring Report (DMR) Forms for Sample Reporting by Facilities Under Wood Treater General Storm Water Permit

Your wood treating facility was recently issued coverage under Mississippi's Wood Treater Storm Water General Permit MSR220010. The permit requires that you sample your storm water runoff at least once per year for two years. Enclosed are DMR forms which should be used to report sample results for both the grab and composite samples. A copy of the completed DMR forms must be returned to our office by January 28, 1994.

Only one outfall need be sampled if it is representative of all storm water outfalls. If more than one outfall will be sampled, please make copies of the enclosed forms for the additional outfalls. The outfall sampled should be identified on each DMR form.

We appreciate your attention to your storm water permit. Please let us know if you have any questions.

Sincerely,

Louis Lavallee, P.E., Chief Industrial Storm Water Section

LL:ap Enclosures

ERMITTEE NAME/ADDRESS (Include actity Name/Location if different) IAMS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(2.16)

MSR220010

MONITORING PERIOD

DISCHARGE NUMBER

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OCATION COLUMBUS, MS.

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OMB No. 2040-0004 Form Approved

Page 1 - first 30 minute sample

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

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FROM PACILITY KERR-HCGEE CHEMICAL CORP. -39703-PERMITTEE NAME/ADDRESS (Include Fecility Name/Location (f different) LOCATION COLUMBUS, MS --- COLUMBUS_-MS-APPRESS JOHN GEREZ HAME

NATIONAL POLLUZANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(17.16)

MSR220010 PERMIT NUMBER

MONITORING PERIOD

DISCHARGE NUMBER

OMB No. 2040-0004 Form Approved

Page 2 - three hour composite

NOTE: Read instructions before completing this form.

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(REPLACES EPA FORM 7-48 WHICH MAY NOT BE USED.)

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FILE COPY

STATE OF MISSISSIPPI

DEPARTMENT OF ENVIRONMENTAL QUALITY

JAMES I. PALMER, JR.

EXECUTIVE DIRECTOR

October 30, 1992

CERTIFIED MAIL NO. P 396 249 388

Mr. John Getz

Kerr-McGee Chemical Corporation

P.O. Box 906

Columbus, Mississippi 39703-0906

Dear Mr. Getz:

Re: Coverage Under Storm Water Wood Treater General NPDES Permit MSR220010

Enclosed is National Pollutant Discharge Elimination System (NPDES) Permit Number MSR220010, which was issued for your facility on October 27, 1992. Please note that a Pollution Prevention Plan is due by April 1, 1993 with any needed facility modifications to be completed by October 1, 1993. The last page of the permit is an inspection form which should be copied and used for the annual inspection. The first inspection should be done in 1993 after implementation of the Pollution Prevention Plan and the report submitted to our office by January 28, 1994.

In addition to the annual inspection, the permit requires annual sampling for at least two years. The method of sampling and parameters to be tested are outlined in Part IV. C. on pages 7-8.

This permit is issued in accordance with the provisions of the Mississippi Air and Water Pollution Control Law (Sections 49-17-1, et seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder, and under the authority granted to the Mississippi Environmental Quality Permit Board pursuant to Section 402(b) of the Federal Water Pollution Control Act.

Any appeal of this permit action must be made within the 30 day period provided for in Section 49-17-29(4)(b) Mississippi Code of 1972.

Sincerely,

Louis Lavallee, Chief Industrial Storm Water Section

LL:ap Enclosure



September 30, 1992

Mr. Louis Lavallee
Dept. of Environmental Quality
Office of Pollution Control
P. O. Box 10385
Jackson, MS 39289-0385



Re: Kerr-McGee Chemical Corporation
Forest Products Division
Columbus, Mississippi Facility
General Stormwater Permit
Application

Dear Mr. Lavallee:

Enclosed is the general stormwater permit application for the Kerr-McGee Chemical Corporation, Forest Products Division, facility located at Columbus, MS. The permit application has been completed based upon our most up-to-date knowledge of the stormwater permitting requirements in your state. At the same time, we recognize that the stormwater permitting regulations are changing daily at individual states depending upon where the state is in the development process of the stormwater regulations. Based on this, should you have any questions or need any additional information, do not hesitate to contact me at 405/270-2391.

Sincerely,

KERR-McGEE CHEMICAL CORPORATION FOREST PRODUCTS DIVISION

frey D. Bull /lw

Jeffrey H. Bull

Manager, Environmental, Quality,

& Technical Services

JHB/lw Attachment



Trib to Luxapalila Creek



find 5 98

STATE OF MISSISSIPPI

DEPARTMENT OF ENVIRONMENTAL QUALITY JAMES I. PALMER, JR. EXECUTIVE DIRECTOR

(file at least 60 days prior to the commencement of regulated industrial activity)

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ACILITY (owner: Kerr	-McGee Chemical Corp	oration		20
ACILITY (OPERATOR (if dif	ferent than owne	r):		
OPERATOR	IS RESPONSIBLE	FOR PERMIT COMPL	IANCE)	*	
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		ber(s):			
ACILITY (CONTACT PERSON:	John Getz			
		Private, State,	Other)	Private	}
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ACILITY 1	MAILING ADDRESS:		4.5		
NUMBER 2	AND STREET (P. O	BOX): P.0	. Box 906	en Santa Santa Da	
CITY:	Columbus	STATE:	MS	ZIP:	39703-0906
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State of Mississippi Water Pollution Control

WOOD TREATER GENERAL PERMIT

TO DISCHARGE STORM WATER IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

THIS CERTIFIES THAT

KERR-MCGEE CHEMICAL CORPORATION COLUMBUS, MISSISSIPPI

has been granted permission to discharge storm water runoff from

Wood Treating Facility

into

Tributary of Luxapallila Creek

in accordance with discharge limitations, inspection requirements and other conditions set forth in Parts I through VII hereof. This permit is issued in accordance with the provisions of the Mississippi Water Pollution Control Law (Section 49-17-1 et seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder, and under authority granted pursuant to Section 402(b) of the Federal Water Pollution Control Act.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

HEAD, OFFICE OF POLLUTION CONTROL
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Date of Coverage: October 27, 1992

Date Pollution Prevention Plan Due: April 1, 1993

Date First Inspection and Sampling

Report is Due: January 28, 1994

Permit Issued: July 14, 1992 Permit No. MSR220010

Permit Expires: July 13, 1997

State of Mississippi Water Pollution Control STORMWATER

WOOD TREATER GENERAL PERMIT

TO DISCHARGE STORM WATER IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

THIS CERTIFIES THAT

facilities granted a Certificate of Permit Coverage under this permit are granted permission to discharge

storm water associated with industrial activity

into

state waters

in accordance with discharge limitations, inspection requirements and other conditions set forth in Parts I through VII hereof. This permit is issued in accordance with the provisions of the Mississippi Water Pollution Control Law (Section 49-17-1 et seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder, and under authority granted pursuant to Section 402(b) of

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

OFFICE OF POLLUTION CONTROL

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Permit Issued: July 14, 1992

Permit No. MSR22

Permit Modified: November 24, 1992

Permit Expires: July 13, 1997

STORM WATER POLLUTION PREVENTION PLAN

KERR-MCGEE CHEMICAL CORPORATION FOREST PRODUCTS DIVISION COLUMBUS, MISSISSIPPI

Reid 93

EXECUTIVE SUMMARY

Kerr-McGee Chemical Corporation, Forest Products Division, (Kerr-McGee) has prepared this Storm Water Pollution Prevention Plan, (SWPPP) to identify potential areas where pollutants might enter storm water runoff leaving the Columbus, Mississippi facility. The Columbus Facility is a wood treating facility, SIC 2491, treating with creosote wood preservative.

This plan presents a summary description of current storm water discharge locations and details the materials which might come into contact with runoff from the plant. The plan has been developed in accordance with Federal and State Regulations and the Federal guidance document Storm Water Management for Industrial Activities, Developing Pollution Plans and Best Management Practices, USEPA, 1992.

The plan presents programs and actions already undertaken prior to the enactment of the storm water regulations and presents additional items to be undertaken as a result of the storm water regulations. In general, the items undertaken at a Kerr-McGee wood treating plant include:

- Installation and operation of a drip pad in accordance with 40 CFR 264 Subpart W.
- Installation of concrete containment throughout the process area including chemical unloading area(s), chemical storage area(s) (i.e. tank farm), wood treating process area(s), petroleum product handling area(s), and hydraulic system operation area(s).
- Preparation of and adherence to a Spill Prevention, Control and Countermeasure Plan (SPCC), an Emergency Response Plan (ERP) and a Hazardous Waste Contingency Plan (HWCP) for the prevention and control of CERCLA Hazardous Substances including a routine inspection of all areas handling CERCLA Hazardous Substances.

The SWPPP, as described in the guidance documents, requires the review of current operations and the identification of Best Management Practices (BMPs) to ensure the prevention of contaminating storm water runoff. In accordance with environmental regulations, all operations at the Columbus facility will be reviewed quarterly by a plant specific Environmental Quality Action Team (EQAT) and identify the areas to be upgraded to the BMP Standard as defined within the SWPPP.

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SECTION II PLANNING AND ORGANIZATION

SECTION III FACILITY ASSESSMENT

SECTION IV BEST MANAGEMENT PRACTICES

SECTION V SWPPP IMPLEMENTATION

SECTION VI EVALUATION AND MONITORING

SECTION VII SWPPP CERTIFICATION

SECTION I INTRODUCTION

Kerr-McGee Chemical Corp, Forest Products Division (Kerr-McGee) owns and operates a creosote wood preserving facility, (SIC 2491) at Columbus, Mississippi. In accordance with Federal and State regulations Kerr-McGee has filed a Notice Of Intent (NOI) for a general storm water permit. The Storm Water Pollution Prevention Plan, (SWPPP) contained herein defines the Best Management Practices already in place or to be implemented by the facility in accordance with Federal and State guidance doccuments.

The plan provides a description of the location and general composition of the storm water discharge point(s) at the facility as well as a description of the current and/or proposed methods for preventing contamination of the storm water discharged from the discharge points. The Environmental Quality Action Team (EQAT) described in Section II will be responsible for implementing the SWPPP. Section III contains an assessment of the discharge points and materials present at the facility which may contaminate the storm water discharged from the facility. The Best Management Practices (BMP) designed for preventing storm water contamination are identified in Section IV. A schedule for implementing the BMP's is presented in Section V with record keeping defined in Section VI. Section VII is the certification of this plan by Division, Plant and independent Professional engineer.

FACILITY DESCRIPTION

The location of the Columbus facility is indicated on the map presented in Appendix A. A topographic map of the facility is presented in Appendix B indicating the location of storm water discharge points and the area draining to each outfall.

The facility produces creosote treated products. The main products produced are railroad products including cross ties, switch ties and bridge timbers.

The facility occupies approximately 60 acres. The wood treatment processing area occupies approximately three (3) acres with the remaining area is used for wood handling/storage of untreated and treated wood.

The facility maintains a pretreatment permit for the discharge of all process water. The facility contains, collects and treats all process water generated within the process area and discharges it to the local Publicly Owned Treatment Works (POTW) in accordance with the pretreatment permit including sap water, process area wash down water, boiler blowdown, cooling tower blowdown, and process contaminated storm water. All storm water falling outside the process area is discharged thru one of the storm water outfalls indicated on the facility map presented in Appendix B.

SECTION II PLANNING AND ORGANIZATION

Kerr-McGee has adopted the Total Quality Management Process for defining and effecting change at each facility. As such the facility maintains action teams for all areas of the operation. This includes a general Safety Action Team (SAT), an Environmental Quality Action Team (EQAT) and Natural Workplace Action Teams (NWAT). Project specific Quality Action Teams (QAT) are also utilized to handle cross discipline projects. The basic philosophy followed by the plant and each action team is one of continuous improvement.

The EQAT will implement the facility's Environmental Management Program including the SWPPP. Membership on the EQAT is a revolving membership with each member serving for a minimum of 6 months. The EQAT is responsible for reviewing the operation of the facility and ensuring compliance with all environmental laws and regulations including the Clean Water Act, Resource Consevation, Recovery Act, Clean Air Act, and Federal Insecticide, Fungicide, Rodenticide Act.

Projects and/or situations brought before the EAT will be handled in accordance with the FADE problem solving model. The FADE model utilizes four basic steps in solving problems:

- Focus
- Analyze
- Define
- Execute

All members of the EQAT will be trained in the basic problem solving techniques utilized in the FADE process by a trained Total Quality Facilitator. The specific tools for use by any action team are presented in the total quality manual maintained at the facility.

Plant management is responsible and accountable for implementing the facility's Environmental Management Plan. This responsibility includes the proper operation of all processes in an environmentally sound manner and the proper response to any potential environmental incidence. Facility management maintains the facility's Spill Prevention, Control, and Countermeasure Plan (SPCC), Emergency Response Plan (ERP), and the Hazardous Waste Contingency Plan (HWCP). The general procedures for handling an environmental release in accordance with the SPCC, ERP, and HWCP are as follows:

- 1) Contain the spill to the highest degree possible without threat of injury.
- 2) Notify plant management.
- 3) Notify the proper public authorities including but not limited to Federal, State, and Local authorities.
- 4) Remediate the situation as necessary within Federal, State and Local regulatory guidelines.
- 5) Notify Division and Corporate Management.

The Division maintains a qualified environmental staff responsible for guiding the Division's Environmental Management Program. The Division Staff will review each plant's specific Environmental Management Program ensuring compliance with Federal, State and Local regulations.

Kerr-McGee Corporation also maintains a corporate Environmental Affairs Group providing overall guidance on environmental matters.

SECTION III FACILITY ASSESSMENT

A topographic map of the facility is presented in Appendix B which indicates the location of major industrial activities at the facility regulated by the SWPPP. In general the facility undertakes two major activities: wood treatment within the process area and handling/storage of wood both treated and untreated. An assessment of each area identifying the potential to pollute storm water is presented in this section.

WOOD TREATING PROCESS AREA

The wood treating process area contains approximately 3 acres. Activities within this area include the pressure treatment of wood with creosote and all the normal associated activities including:

- Pressure treatment of wood in a pressure treatment cylinder.
- Storage of creosote preservative and fuel oil necessary for the wood treating process.
- Unloading of creosote preservative and fuel oil necessary for the wood treating process.
- Treatment of process water for the recovery of creosote preservative and pretreatment prior to discharge to city POTW.

The hazardous substance located within the process area and their reportable quantity (RQ) include:

MATERIAL	REPORTABLE QUANTITY
Creosote	1 lb
F034 waste	1 lb
Fuel oil	NA
Hydraulic oil	NA

There are no storm water outfalls within the wood treating process area. All storm water falling within the process area is contained, collected, treated in the process water treatment system and discharged to the POTW. A more complete description of the BMP's in place are presented in Section IV.

WOOD HANDLING/STORAGE AREA

The wood handling/storage area of the plant is approximately 57 acres. The activities undertaken within this area include:

- Receiving and storage of wood ties awaiting processing.
- The mechanical preparation of wood ties for treating including separation by grade and species, sawing to length, drilling, and shaping with saws/planners.
- Air seasoning to reduce moisture content prior to treatment.
- Traming of wood just prior to treatment.
- Packaging of treated material for shipment.
- Storage of treated material awaiting shipment.
- Loading of treated material for shipment onto rail cars and/or trucks.

With the exception of the mechanical preparation of the wood for treatment, any and all of the listed activities can and do take place throughout the area.

The hazardous substances located within the wood handling/storage area and their reportable quantity (RQ) include:

MATERIAL REPORTABLE QUANTIT

F034 1 lb Hydraulic oil NA

There are 11 storm water outfalls within the area. Their location is indicated on the topographic map presented in Appendix B. The drainage areas for each out fall are also indicated. The drainage area for outfalls 003-008 have been combined as there is no clear drainage lines of demarkation. Outfall 009 is also confusing because the industrial facility located south discharges

process water thru a ditch that runs on Kerr-McGee property and serves as the facility's storm water outfall. The estimated size of each drainage area is as follows:

OUTFALL	DRAINAGE AREA
001	5.5 acres
002	11.5 acres
003-008	13.5 acres
009	5.5 acres
010	9.5 acres
011	11.5 acres

As presented in Section IV all hazardous substances handled within the wood handling/storage area are done so within containment areas.

SIGNIFICANT PAST SPILLS

No significant spills of CERCLA hazardous substances potentially effecting storm water quality have ever taken place within either the wood treatment process area or the wood handling/storage area.

STORM WATER MONITORING DATA

At the time of preparing the SWPPP, storm water monitoring had not been undertaken. Monitoring will be undertaken during 1993 in accordance with the facility's General Storm Water Permit. All results will be maintained at the facility.

SECTION IV BEST MANAGEMENT PRACTICES

The Best Management Practices for the facility have been identified specific to the two main areas of the plant as presented in Section III. The purpose of the BMP is to establish both physical structures and operation procedures for preventing contamination of storm water.

WOOD TREATING PROCESSING AREA BMP

The following physical structures are included as part of the BMP for the wood treating processing area:

- Concrete drip pad in conformance with 40 CFR 264 Subpart W with a minimum capacity to collect and contain a 24 hr 25 year storm water event.
- Concrete containment for the pressure treatment cylinders and associated piping with a minimum capability of containing a catastrophic rupture of the largest treating vessel.
- Roofing over pressure treatment cylinders and associated piping designed to route storm water away from process area prior to contamination.
- Concrete containment of all creosote and fuel oil storage areas with a minimum capability of containing a catastrophic rupture of the largest vessel plus 10% within the area.
- Location of all process piping above ground and within concrete containment devices to the extent practical using standard engineering design practices.
- Concrete containment of the creosote unloading area.
- Location of F034 less than 90 day storage area within concrete containment.

 Design of process water treatment units to eliminate the potential for release by providing overflows to drain to a controlled containment device.

The operational BMPs for the wood treating process area are as follows:

- Implement a drip pad operational plan including drippage control, pad inspection, pad cleaning and pad maintenance.
- Maintain and implement a current Spill Prevention, Control and Countermeasure Plan (SPCC).
- Maintain and implement a current Emergency Response Plan (ERP).
- Maintain and implement a current Hazardous Waste Contingency Plan (HWCP).
- Conduct annual training of personnel responsible for implementing the SPCC, ERP, HWCP and drip pad operational plan.
- Maintain accurate records associated with the SPCC, ERP, HWCP, and drip pad operational plan.

WOOD HANDLING/STORAGE AREA BMP

The following physical structures are included as part of the BMP for the wood handling/storage area.

 Concrete containment of hydraulic system pump(s) and reservoir capable of containing a catastrophic rupture of the system.

The operational BMPs for the wood handling/storage area are as follows:

- Maintain and implement the drippage control plan and the contingency plan for the drip pad operational plan.
- Maintain and implement the storage yard inspection and drippage response portion of the drip pad operational plan.
- Maintain accurate records associated with the implementation of the drip pad operational plan.

SECTION V SWPPP IMPLEMENTATION

Implementation of the SWPPP and the associated BMPs for the wood treating process area and the wood handling/storage area will be the responsibility of plant management and the facility's Environmental Quality Action Team (EQAT). All aspects of implementing the BMP's will be reviewed by the (EQAT) and a specific action plan developed to ensure that all BMPs are in place.

The schedule for implementing the BMPs will be defined by the EQAT with a requirement that all BMPs be in place by October 1, 1993.

SECTION VI EVALUATION AND MONITORING

In keeping with Kerr-McGee's Total Quality philosophy of continuous improvement, the facility's Environmental Action Team (EAT) review's quarterly all aspects of the facility's environmental management program. The purpose of the review is to identify and correct areas in which improvement can take place. As areas are identified, the EAT will undertake the project using the FADE process outlined in Section II.

The quarterly review of the SWPPP will include as a minimum the following areas:

- All storm water drainage ditches will be visually inspected for evidence of pollutants entering the system.
- · The effectiveness of the BMPs will be evaluated.
- All storm water data will be reviewed.

Kerr-McGee Corporation conducts an annual review of each facility's environmental management program. During this review the SWPPP will be reviewed and appropriate action taken to update the plan and/or correct deficiencies.

SECTION VII SWPP PLAN CERTIFICATION

This plan has been reviewed and is certified by a registered Professional Engineer. Recertification will take place every three (3) years or after the plan is significantly changed.

CERTIFICATION

I certify that this Storm Water Pollution Plan was prepared in accordance with the guidance established in <u>Storm Water Management for Industrial Activities</u>, <u>Developing Pollution Plans and Best Management Practices</u>, USEPA, 1992.

Based on the inquiry of those individuals immediately responsible for developing and implementing the Storm Water Pollution Prevention Plan and my knowledge of the facility, I certify the information is accurate and complete.

Jeffrey H. Bull

Manager Environmental, Quality,

Technical Services

John J. Getz

Plant Manager

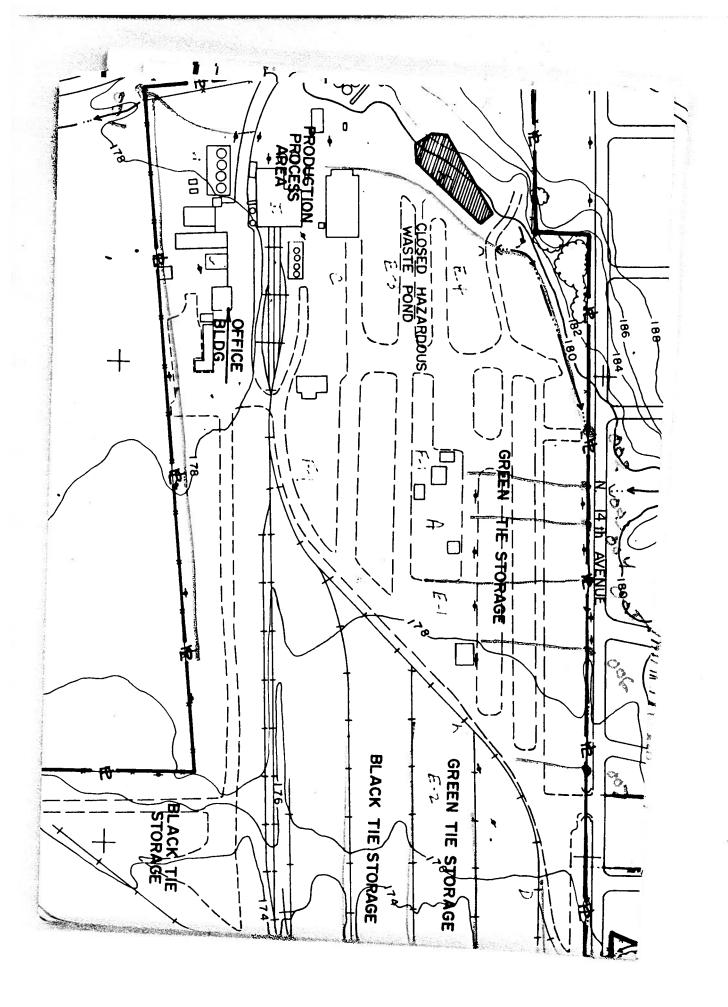
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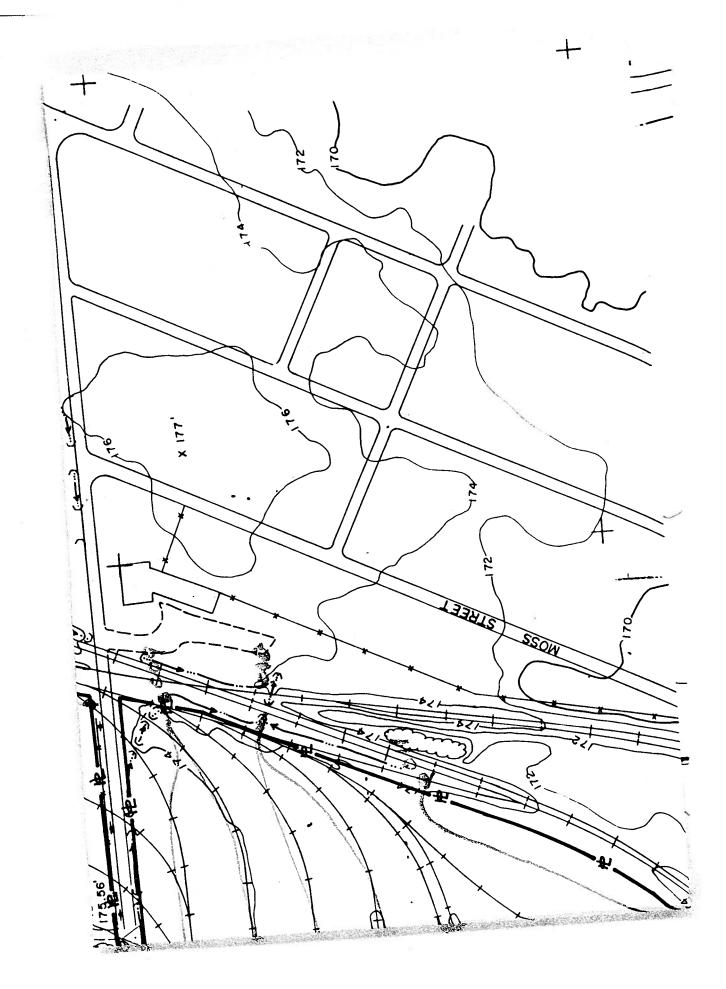
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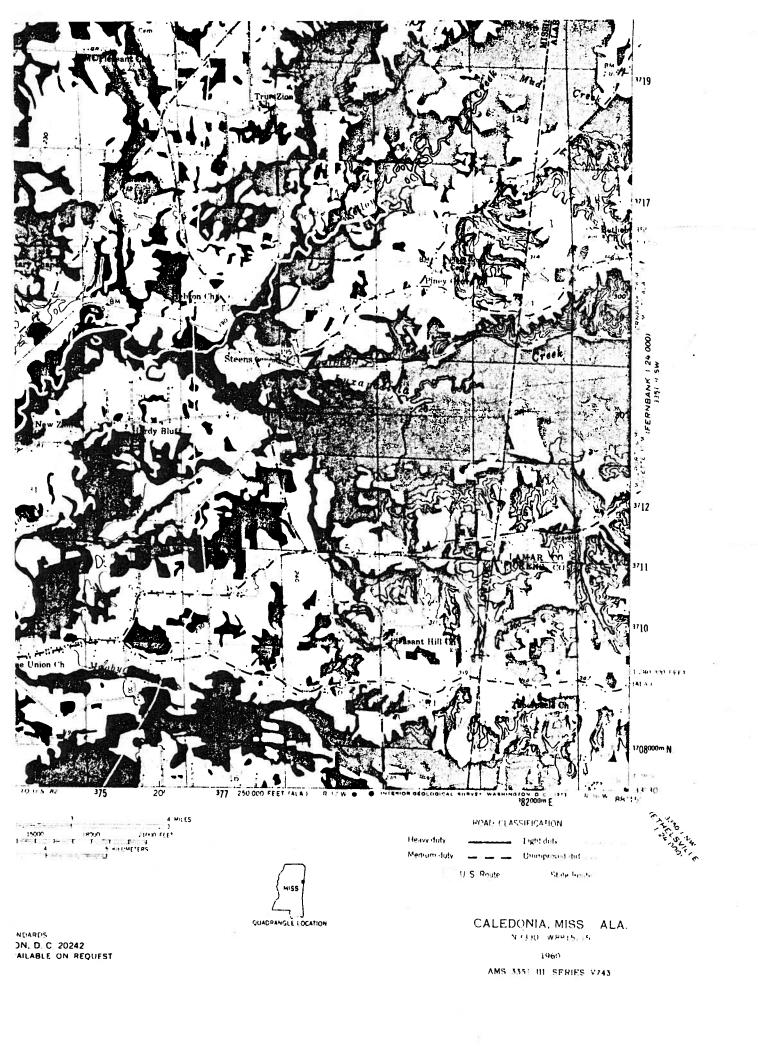
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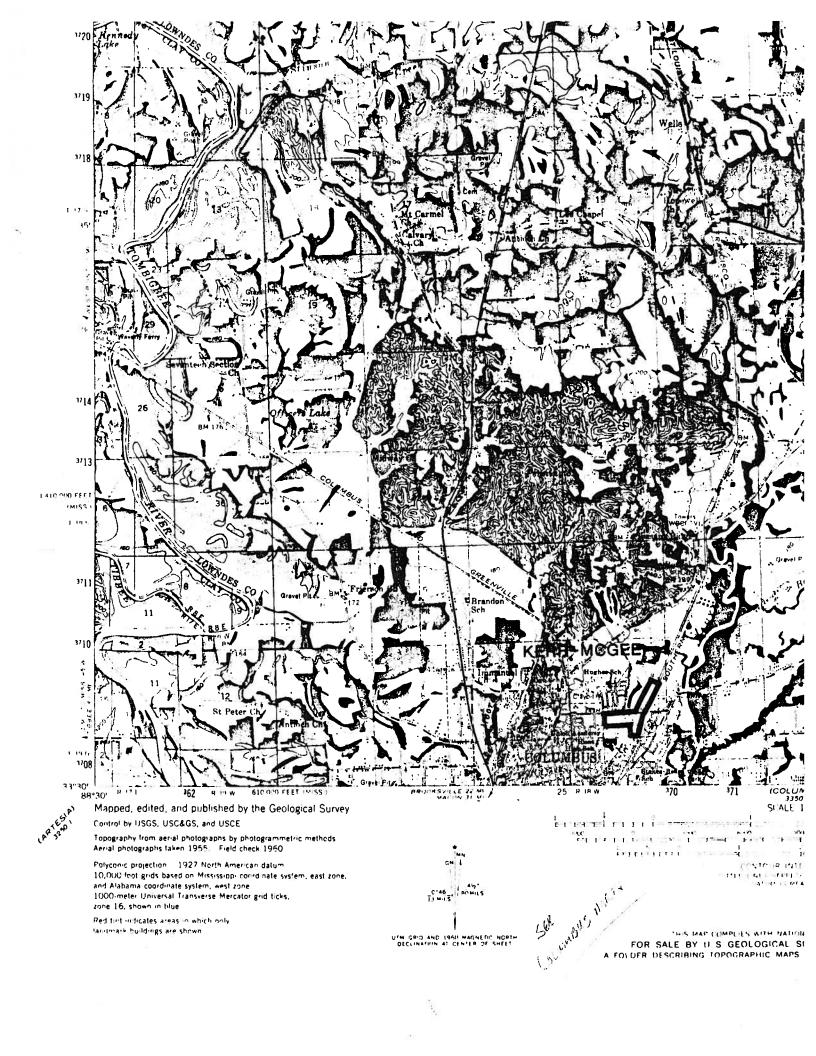
APPENDIX A FACILITY LOCATION

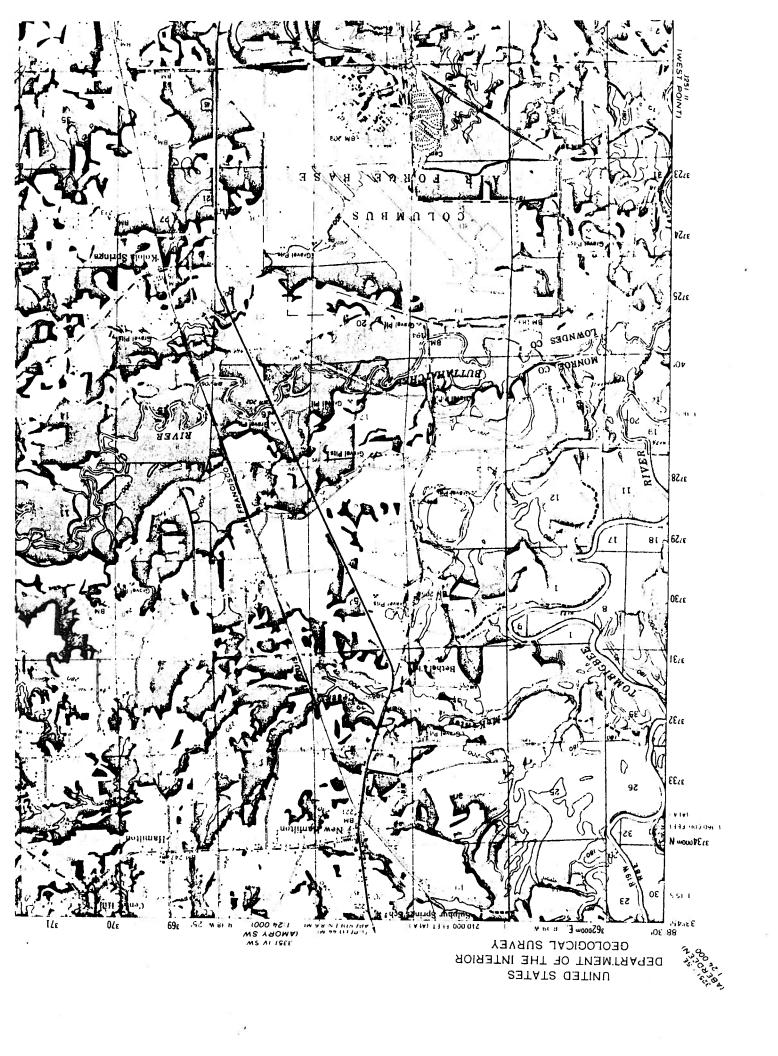
APPENDIX B FACILITY DRAINAGE MAP











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