

APPENDIX F

SOLID WASTE RELEASE DATA AND CALCULATIONS

SARA TITLE III, SECTION 313
1990 TOXIC CHEMICAL RELEASE INVENTORY
LAKE CHARLES REFINERY

Solid Waste Release

Solid waste releases were calculated as follows:

1. Off-site Disposal

a. Attached disposal records were obtained from Roberta Kirby, Lake Charles refinery. Compositional data were obtained from the RCRA Part B permit application and permit, attached analysis of slurry tank sludge and the 1988 documentation. The attached spreadsheets show the total pounds of SARA chemicals disposed of off-site.

API SEPARATOR SLUDGE

SITE LOCATION: CHEMICAL WASTE MANAGEMENT
RT. 2, JOHN BRANNON RD
CARLYSS, LA 70663

COUNTY:

EPA IDENTIFICATION: LAD990683716

POUNDS DISPOSED: 319040

	<u>CONC. (PPM)</u>	<u>TOTAL POUNDS</u>
BENZENE:	9.6	3.06
CUMENE:	15	4.79
CYCLOHEXANE:	15	4.79
ETHYLBENZENE:	17.8	5.68
NAPHTHALENE:	5	1.60
TOLUENE:	57.9	18.47
PSEUDOCUMENE:	15	4.79

**NOTE: ANALYTICAL DATA OBTAINED FROM PONCA
CITY RCRA PERMIT, ATTACHMENT #1**
*estimated

SAL 000004215

PRIMARY DAF FLOAT SLUDGE

SITE LOCATION:

**CHEMICAL WASTE MANAGEMENT
RT. 2, JOHN BRANNON RD
CARLYSS, LA 70663**

COUNTY:

EPA IDENTIFICATION:

LAD990683716

POUNDS DISPOSED:

396160

	CONC. (PPM)	TOTAL POUNDS
BENZENE:	43	17.03
CUMENE:	43	17.03
CYCLOHEXANE:	43	17.03
ETHYLBENZENE:	43	17.03
NAPHTHALENE:	791	313.36
TOLUENE:	128	50.71
PSEUDOCUMENE:	43	17.03

LEADED TANK BOTTOMS

SITE LOCATION: CHEMICAL WASTE MANAGEMENT
RT. 2, JOHN BRANNON RD
CARLYSS, LA 70663

COUNTY:

EPA IDENTIFICATION: LAD990683716

POUNDS DISPOSED: 2000

	CONC. (PPM)	TOTAL POUNDS
BENZENE:	62.9	0.13
CUMENE:	100	0.20
CYCLOHEXANE:	100	0.20
ETHYLBENZENE:	272.7	0.55
NAPHTHALENE:	0.4	0.00
TOLUENE:	221.5	0.44
PSEUDOCUMENE:	100	0.20

NOTE: ANALYTICAL DATA OBTAINED FROM PONCA
CITY RCRA PERMIT, ATTACHMENT #1

*estimated

IGNITABLE WASTE SOLIDS

SITE LOCATION: E.I. DuPONT De NEMOURS (PONCHATRAIN)
RIVER ROAD
LaPLACE LA 70068
COUNTY: La PLACE
EPA IDENTIFICATION: LAD990683716
POUNDS DISPOSED: 800

	CONC. (PPM)	TOTAL POUNDS
BENZENE	1000	0.80
CUMENE:	1000	0.80
CYCLOHEXANE	1000	0.80
ETHYLBENZENE:	1000	0.80
NAPHTHALENE:	1000	0.80
TOLUENE:	1000	0.80

MISCELLANEOUS IGNITABLE (BENZENE) SOLIDS

SITE LOCATION: SAFETY-KLEEN CORPORATION
3304 WOMACK ROAD
ORANGE TX, 77630

COUNTY:

EPA IDENTIFICATION: LAD990683716

POUNDS DISPOSED: 9360

	CONC. (PPM)	TOTAL POUNDS
BENZENE:	19.3	0.18
CUMENE:	50	0.47
CYCLOHEXANE:	50	0.47
ETHYLBENZENE:	46.1	0.43
NAPHTHALENE:	1	0.01
TOLUENE:	149.9	1.40
PSEUDOCUMENE:	50	0.47

**NOTE: ANALYTICAL DATA OBTAINED FROM PONCA
CITY RCRA PERMIT, ATTACHMENT #1
ASSUME COMPOSITION FOR EMULSION SOLIDS**

API SEPARATOR SOLIDS

SITE LOCATION: E.I. DuPONT De NEM (PONCHATRAIN)
RIVER ROAD
LaPLACE LA 70068

COUNTY: La PLACE

EPA IDENTIFICATION: LAD990683716

POUNDS DISPOSED: 300

	CONC. (PPM)	TOTAL POUNDS
BENZENE:	9.6	0.00
CUMENE:	15	0.00
CYCLOHEXANE:	15	0.00
ETHYLBENZENE:	17.8	0.00
NAPHTHALENE:	5	0.00
TOLUENE:	57.9	0.00
PSEUDOCUMENE:	15	0.00

**NOTE: ANALYTICAL DATA OBTAINED FROM PONCA
CITY RCRA PERMIT, ATTACHMENT #1**
*estimated

SAL 000004220

EXHIBIT 5-2

WASTE STREAM LIST FOR
LAND TREATMENT DEMONSTRATION

<u>Waste Streams</u>	<u>RCRA Waste Code</u>	<u>Waste Stream** Identification</u>
API Separator Bottoms	K051	5.16
Biopond Waste Solids	*	9.10,14,15
Wastewater Treatment Unit Solids	*	7.8,20
Slop Oil Emulsion Solids	K049	1,18
Clay Filter Sludge	D001	13
Coker Blowdown Pond Sludge	*	6
Weathered Leaded Tank Bottoms	K052	12.17
Nonleaded Tank Bottoms	D001	3
Cooling Tower Basin Sludge	*	11,19
Misc. Oil Contaminated Solids	*	4
Boiler Feedwater Line Solids	*	2

*Nonlisted Wastes

**Numbers were assigned to waste streams in the order of collection.

EXHIBIT 5-2 (CONTINUED)

WASTE STREAM CHARACTERIZATION ANALYSES

RESULTS: ORGANIC PARAMETERS

Volatile Compound	Waste Stream ¹ (ug/kg)									
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>
Benzene	19335	50*	500*	500*	4141	2226	695	500*	6483	500*
Carbon Disulfide	1000*	50*	500*	500*	500*	500*	500*	500*	500*	500*
Chlorobenzene	1000*	50*	500*	500*	500*	500*	500*	500*	616*	500*
Chloroform	1000*	50*	500*	500*	500*	500*	500*	500*	500*	500*
1,2 Dichloroethane	1000*	50*	500*	500*	500*	500*	500*	500*	500*	500*
1,4 Dioxane	1000*	50*	500*	500*	500*	500*	500*	500*	500*	500*
Ethyl Benzene	46090	50*	500*	500*	5351	2979	2466	500*	500*	500*
Ethylene Dibromide	1000*	50*	500*	500*	500*	500*	500*	500*	500*	500*
Methyl Ethyl Ketone	1000*	50*	500*	500*	500*	500*	500*	500*	500*	500*
Styrene	1000*	50*	500*	500*	500*	500*	500*	500*	500*	500*
Toluene	149886	50*	518	500*	30291	17740	4039	500*	5412	500*
Xylene	104299	50*	3150	500*	23810	12976	7617	2337	13530	500*

Volatile Compound	Waste Stream ¹ (ug/kg)									
	<u>11</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	
Benzene	500*	5*	500*	813	9590	62900	500*	500*	500*	
Carbon Disulfide	500*	5*	500*	500*	500*	500*	500*	500*	500*	
Chlorobenzene	500*	5*	500*	500*	2642	7137	500*	500*	500*	
Chloroform	500*	5*	500*	500*	500*	500*	500*	500*	500*	
1,2 Dichloroethane	500*	5*	500*	500*	500*	500*	500*	500*	500*	
1,4 Dioxane	500*	5*	500*	500*	500*	500*	500*	500*	500*	
Ethyl Benzene	500*	3953	500*	1552	17838	272733	500*	500*	2697	
Ethylene Dibromide	500*	5*	500*	500*	500*	500*	500*	500*	500*	
Methyl Ethyl Ketone	500*	5*	500*	500*	500*	500*	500*	500*	500*	
Styrene	500*	5*	500*	500*	500*	500*	500*	500*	500*	
Toluene	500*	5300	500*	8343	57925	221500	500*	500*	500*	
Xylene	500*	5*	500*	6545	118088	500*	500*	500*	500*	

Note:

*Below detection limit indicated.

EXHIBIT 5-2 (CONTINUED)

WASTE STREAM CHARACTERIZATION ANALYSES

RESULTS: ORGANIC PARAMETERS

Base/Neutral Extractables Compound	Waste Stream ¹ (mg/kg)									
	1	2	3	4	5	6	7	8	9	10
Anthracene	990*	10*	990*	200*	200*	200*	100*	100*	100*	20*
Benzo(a)Anthracene	990*	10*	990*	200*	200*	200*	100*	100*	100*	20*
Benzo(b)Fluoranthene	990*	10*	990*	200*	200*	200*	100*	100*	100*	20*
Benzo(k)Fluoranthene	990*	10*	990*	200*	200*	200*	100*	100*	100*	20*
Benzo(a)Pyrene	990*	10*	990*	200*	200*	200*	100*	100*	100*	20*
Bis(2-Ethylhexyl)Phthalate	990*	10*	990*	200*	200*	200*	100*	100*	100*	20*
Butyl Benzyl Phthalate	990*	10*	990*	200*	200*	200*	100*	100*	100*	20*
Chrysene	990*	10*	990*	200*	200*	200*	100*	100*	100*	20*
Dibenz(a,h)Acridine	990*	10*	990*	200*	200*	200*	100*	100*	100*	20*
Dibenz(a,h)Anthracene	990*	10*	990*	200*	200*	200*	100*	100*	100*	20*
1,2-Dichlorobenzene	990*	10*	990*	200*	200*	200*	100*	100*	100*	20*
1,3-Dichlorobenzene	990*	10*	990*	200*	200*	200*	100*	100*	100*	20*
1,4-Dichlorobenzene	990*	10*	990*	200*	200*	200*	100*	100*	100*	20*
Diethyl Phthalate	990*	10*	990*	200*	200*	200*	100*	100*	100*	20*
7,12-Dimethylbenz(a)Anthracene	990*	10*	990*	200*	200*	200*	100*	100*	100*	20*
Dimethyl Phthalate	990*	10*	990*	200*	200*	200*	100*	100*	100*	20*
Di(n)Butyl Phthalate	990*	10*	990*	200*	200*	200*	100*	100*	100*	20*
Di(n)Octyl Phthalate	990*	10*	990*	200*	200*	200*	100*	100*	100*	20*
Fluoranthene	990*	10*	990*	200*	200*	200*	100*	100*	100*	20*
Indene	990*	10*	990*	200*	200*	200*	100*	100*	100*	20*
Methyl Chrysene	990*	10*	990*	170	200*	7640	100*	195	100*	20*
1-Methyl Naphthalene	990*	10*	990*	34	200*	1100	205	70	137	20*
Naphthalene	990*	10*	990*	72	200*	740	60	20	46	20*
Phenanthrene	990*	10*	990*	260	80	200*	141	152	100*	20*
Pyrene	990*	10*	990*	200*	200*	590	100*	100*	100*	20*
Pyridine	990*	10*	990*	200*	200*	200*	100*	100*	100*	20*
Quinoline	990*	10*	990*	200*	200*	200*	100*	100*	100*	20*

Note:

*Below detection limit indicated.

EXHIBIT 5-2 (CONTINUED)

WASTE STREAM CHARACTERIZATION ANALYSES

RESULTS: ORGANIC PARAMETERS

Compound	Waste Stream (mg/kg)					
	11	13	14	15	16	17
Anthracene	20*	10*	100*	10*	990*	10*
Benzo(a)Anthracene	20*	10*	100*	10*	990*	10*
Benzo(b)Fluoranthene	20*	10*	100*	10*	990*	10*
Benzo(k)Fluoranthene	20*	10*	100*	10*	990*	10*
Benzo(a)Pyrene	20*	10*	100*	10*	990*	10*
Bis(2-Ethylhexyl)Phthalate	20*	10*	100*	10*	990*	10*
Butyl Benzyl Phthalate	20*	10*	100*	10*	990*	10*
Chrysene	20*	10*	100*	10*	990*	10*
Dibenz(a,h)Acridine	20*	10*	100*	10*	990*	10*
Dibenz(a,h)Anthracene	20*	10*	100*	10*	990*	10*
1,2-Dichlorobenzene	20*	10*	100*	10*	990*	10*
1,3-Dichlorobenzene	20*	10*	100*	10*	990*	10*
1,4-Dichlorobenzene	20*	10*	100*	10*	990*	10*
Dicetyl Phthalate	20*	10*	100*	10*	990*	10*
7,12-Dimethylbenz(a)Anthracene	20*	10*	100*	10*	990*	10*
Dimethyl Phthalate	20*	10*	100*	10*	990*	10*
Dibutyl Phthalate	20*	10*	100*	10*	990*	10*
Dibenzyl Phthalate	20*	10*	100*	10*	990*	10*
Fluoranthene	20*	10*	100*	10*	990*	10*
Indene	20*	10*	100*	10*	990*	10*
Methyl Chrysene	20*	10*	100*	10*	990*	10*
1-Methyl Naphthalene	20*	185	100*	53	7175	244
Naphthalene	20*	174	100*	28	5049	418
Phenanthrene	20*	10*	100*	7	2607	10*
Pyrene	20*	10*	100*	10*	990*	10*
Pyridine	20*	10*	100*	10*	990*	10*
Quinoline	20*	10*	100*	10*	990*	10*

Note:
*Below detection limit indicated.

Refining, North America

Conoco Inc.
P.O. Box 37
Westlake, LA 70669
(318) 491-5211

~~XXX~~ / E-51C - 81

CERTIFIED MAIL - RETURN RECEIPT REQUESTED (P 156 229 951)

March 1, 1991

Louisiana Department of Environmental Quality
Hazardous Waste Division
P. O. Box 44307
Baton Rouge, Louisiana 70804

Dear Sir or Madam:

Annual Hazardous Waste Report
Conoco Lake Charles Refinery (LAD 990683716)

Enclosed are the completed 1990 Annual Hazardous Waste Reports for the Refinery. The overall amount of hazardous waste generated was less than the 1989 amount because of fewer tank cleaning wastes being hazardous. This refinery will continue to minimize hazardous waste generation and manage that waste properly.

If you should have any questions concerning this information, please contact Frank Phillips at (318) 491-5599.

Sincerely,


D. R. Unruh
Manager
Lake Charles Refinery

DEK/ds
att.

SAL 000004225

bcc: DEK FXP/E51C-8.1
Jack Cearley, RNA, Houston TA 3078

bcc w/o att: PFM/ESJ/JDT

022791.DEK

SAL 000004226

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

HAZARDOUS WASTE DIVISION

POST OFFICE BOX 44307

BATON ROUGE, LA. 70804

GENERATOR'S ANNUAL HAZARDOUS WASTE REPORT 19 90

SITE IDENTIFICATION

I. EPA I.D. Number: LAD 990 683 716

II. Name of Facility: Canoco Inc., Lake Charles Refinery

SITE LOCATION

III. Physical Location of Facility

Street 2200 OLD SPANISH TRAIL

City or Town WESTLAKE Parish LA state LA zip 70669

SITE MAILING ADDRESS

IV. Facility Mailing Address:

Street or Post Office Box P.O. Box 37

City or Town WESTLAKE State LA zip 70669 Parish Code 019

REPORT CONTACT

V. Facility Contact Person

First Name FRANK Middle Initial X Last Name PHILLIPS

Title ENVIRONMENTAL DIRECTOR

Phone Number (318) 491 5591 Phone Extension ---

SAL 000004227

RESPONDENT REGULATORY STATUS ELEMENTS

GENERATOR STATUS

1. GENERATOR NOTIFICATION

Has site notified EPA of it's activities as a generator of Hazardous Waste (as of the reporting year)?

☒ Yes

☐ No

2. GENERATION IN REPORTING YEAR

Has the site generated any Hazardous Waste during the reporting year?

☒ Yes

☐ No, or Not Applicable

3. GENERATION CATEGORY

Which category describes your generator regulatory status? (This question is applicable only if the site generated Hazardous Waste during the reporting year.)

☒ 1. Large Quantity Generator

☐ 2. Small Quantity Generator (100-1,000KG/mo-not recognized by Louisiana.

☐ 3. Conditionally exempt Small Quantity (100 kg/mo Louisiana SQG)

4. EXCLUDED WASTES

Did the site generate only exempted or delisted wastes? (This question is applicable only if the site generated hazardous waste during the reporting year.

☐ Yes

☒ No

8. RCRA INTERIM STATUS/PERMITS

Has facility ever filed a Part A/Part I permit application AND not formally withdrawn?

_____ Yes

X_____ No

9. TSD IN REPORTING YEAR

Has site engaged in treatment, storage or disposal of hazardous waste during the reporting year? (This item applies only to sites with a current Part A/Part I permit application.)

_____ Yes

X_____ No, or not applicable

10. NO TSD, EXCLUDED WASTES

Did the site engage in TSD hazardous waste activity on exempt waste only, during the reporting year? (This item is applicable only if the site engaged in hazardous waste TSD activity during the reporting year AND has a current Part A/Part I.

_____ Yes

X_____ No

11. NO TSD, EXEMPT PROCESSES

Did the site engage in TSD hazardous waste activity in exempt units only, during the reporting year? This item is applicable only if the site engaged in hazardous waste TSD activity during the reporting year AND has a current Part A/Part I.

X_____ Yes

_____ No

NON-HAZARDOUS WASTE

For the purposes of capacity assurance planning, the Environmental Protection Agency (EPA) requires the State to capture data on the amount of non-hazardous waste disposed of at hazardous waste disposal facilities.

Please indicate the amount of non-hazardous waste disposed and the handling code (ie. T03, D80, etc.). It is not necessary to identify the non-hazardous waste.

If you are unable to determine the amount of non-hazardous waste disposed of at your facility, please give an estimate. If this form does not apply to your facility, please indicate this.

Amount (Tons)

Handling Code

403.85

D80

LOUISIANA DEPARTMENT
OF ENVIRONMENTAL QUALITY

GENERATOR SUMMARY
OF TRANSPORTERS

Transporters listed below were utilized by the generator during
calendar year 1990

Reporting Facility EPA ID# LAD 990 683 716

Transporter Name

Transporter EPA ID #

CONOCO TRANSPORTATION	TXD 096 030 697
ALLWASTE	LAD 981 146 640
C.W.M.I. TRANSPORTATION	LAD 981 596 414

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
 GENERATOR'S SUMMARY ANNUAL HAZARDOUS WASTE REPORT 1990
 WASTE QUANTIFICATION AND MANAGEMENT ELEMENTS

I. Generator's EPA I.D. Number: LAD 990 683 716
 II. Disposer's I.D. Number: LAD 000 777 201
 III. Disposer's Facility Name: Chemical Waste Management Inc.
 IV. Mailing Address:
 Street or Post Office Box Rt. 2 JOHN BRANNON ROAD
 City or Town CARLYSS State LA Zip 70663

SUMMARY TOTALS (By Waste Type)

1. EPA Hazardous Waste Number	Handling Method Code	Total Amount of Waste in Tons
<u>F005 R</u>	<u>T03/FUELS</u>	<u>34.12</u>
<u>K048</u>	<u>D80</u>	<u>198.08</u>
<u>K051</u>	<u>D80</u>	<u>159.52</u>
<u>K052</u>	<u>D80</u>	<u>1.0</u>
<u>D001</u>	<u>D80</u>	<u>1.1</u>
<u>D008</u>	<u>D80</u>	<u>38.81</u>
<u>D002</u>	<u>D80</u>	<u>0.25</u>
Generator's Total Annual Tons Handled During Period		<u>432.88</u>

Generated in Previous Year 3483
 On-Site at State of Year 0
 Received from Off-Site 0

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
GENERATOR'S SUMMARY ANNUAL HAZARDOUS WASTE REPORT 1990
WASTE QUANTIFICATION AND MANAGEMENT ELEMENTS

I. Generator's EPA I.D. Number: LAD 990 683 716
II. Disposer's I.D. Number: LAD 001 890 367
III. Disposer's Facility Name: EI Dupont De Nemours (Ponchatrain)
IV. Mailing Address:
Street or Post Office Box River Road
City or Town La Place State LA Zip 70068

SUMMARY TOTALS (By Waste Type)

1.	EPA Hazardous Waste Number	Handling Method Code	Total Amount of Waste in Tons
	<u>D001</u>	<u>T03</u>	<u>0.4</u>
	<u>K051</u>	<u>T03</u>	<u>0.15</u>

Generator's Total Annual Tons Handled
During Period 0.55

Generated in Previous Year 0
On-Site at State of Year 0
Received from Off-Site 0

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

HAZARDOUS WASTE DIVISION

GENERATOR'S ANNUAL REPORT 1990

This report is for the calendar year ending December 31, 1980

I. Generator's I.D. Number LAD 990 683 716

II. Reuse/Recycle Facility's EPA I.D. Number KYD 053 348108

III. Reuse/Recycle Facility Name SAFETY-KLEEN CORP.

Mailing Address:

Street or Post Office Box STATE HWY 148

City or Town New Castle State KY Zip 40050 Parish Code ---

SUMMARY TOTALS

EPA Hazardous
Waste Number

Total Amount of Waste
in Tons

<u>F003R</u>	<u>21.17</u>

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

HAZARDOUS WASTE DIVISION

GENERATOR'S ANNUAL REPORT 19 90

This report is for the calendar year ending December 31, 19 90

- I. Generator's I.D. Number LAD 990 683 716
- II. Reuse/Recycle Facility's EPA I.D. Number TXD 061 290 276
- III. Reuse/Recycle Facility Name SAFETY-KLEEN CORP.

Mailing Address:

Street or Post Office Box 3304 WOMACK RD

City or Town ORANGE State TX Zip 77630 Parish Code —

SUMMARY TOTALS

EPA Hazardous Waste Number	Total Amount of Waste in Tons
<u>D001 R / D018 R</u>	<u>4.68</u>

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

HAZARDOUS WASTE DIVISION

GENERATOR'S ANNUAL REPORT 19 90

This report is for the calendar year ending December 31, 1990

- I. Generator's I.D. Number LAD 990 683 716
- II. Reuse/Recycle Facility's EPA I.D. Number TRD 074 195 678
- III. Reuse/Recycle Facility Name GULF CHEMICAL & METALLURGICAL CORP

Mailing Address:

Street or Post Office Box 302 MIDWAY ROAD

City or Town FREEPORT State TX Zip 77541 Parish Code —

SUMMARY TOTALS

EPA Hazardous
Waste Number

Total Amount of Waste
in Tons

D004

51.44

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

HAZARDOUS WASTE DIVISION

GENERATOR'S ANNUAL REPORT 1990

This report is for the calendar year ending December 31, 1990

- I. Generator's I.D. Number LAD 990 683 716
- II. Reuse/Recycle Facility's EPA I.D. Number LAD 990 683 716
- III. Reuse/Recycle Facility Name Conoco, Lake Charles Refinery

Mailing Address:

Street or Post Office Box P.O. Box 37

City or Town Westlake State LA Zip 70669 Parish Code 019

SUMMARY TOTALS

EPA Hazardous
Waste Number

Total Amount of Waste
in Tons

K048R

17,900

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
GENERATOR'S ANNUAL HAZARDOUS WASTE REPORT**

REPORTING FACILITY EPA ID# LAD 990 683 716
 DISPOSER'S EPA ID # LAD 000 777 201
 DISPOSER'S NAME Chemical Waste Management Inc.
 DISPOSER'S ADDRESS Rt. 2 JOHN BANNON ROAD
 CITY OR TOWN CARLYSS STATE LA ZIP 70663

WASTE IDENTIFICATION:

MANIFEST DOCUMENT NO.	EPA WASTE CODE NO.	HANDLING CODE	AMOUNT OF WASTE IN TONS
1159440B	F005	T03	0.50
1166431A	D001	D80	1.10
1166388A	K048	D80	10.0
1166426A	K048	D80	11.0
116399A	K048	D80	18.0
1166443A	K048	D80	10.51
1166444A	K048	D80	11.94
1166327A	K048	D80	12.89
1166445A	K048	D80	13.11

TOTALS: EPA WASTE NO. F005 TONS 0.50
 EPA WASTE NO. D001 TONS 1.10
 EPA WASTE NO. K048 TONS 87.45
 EPA WASTE NO. _____ TONS _____
TOTAL TONS THIS PAGE: 89.05

COMMENTS:
 HW-4(R-1/91)B

PAGE 1 OF 13

SAL 000004238

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
GENERATOR'S ANNUAL HAZARDOUS WASTE REPORT**

REPORTING FACILITY EPA ID# LAD 990 683 716
 DISPOSER'S EPA ID # LAD 000 777 201
 DISPOSER'S NAME Chemical Waste Management Inc.
 DISPOSER'S ADDRESS Rt. 2 JOHN BANNON ROAD
 CITY OR TOWN CARLYSS STATE LA ZIP 70663

WASTE IDENTIFICATION:

MANIFEST DOCUMENT NO.	EPA WASTE CODE NO.	HANDLING CODE	AMOUNT OF WASTE IN TONS
1166308A	K048	D80	9.82
1166309A	K048	D80	11.00
1166310A	K048	D80	10.00
1166312A	K048	D80	14.36
1166311A	K048	D80	16.95
1166314A	K048	D80	7.71
1166329A	K048	D80	19.44
1166330A	K048	D80	8.46
1166331A	K048	D80	12.89

TOTALS: EPA WASTE NO. K048 TONS 110.63
 EPA WASTE NO. _____ TONS _____
 EPA WASTE NO. _____ TONS _____
 EPA WASTE NO. _____ TONS _____
 TOTAL TONS THIS PAGE: 110.63

COMMENTS:
 HW-4(R-1/91)B

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**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
GENERATOR'S ANNUAL HAZARDOUS WASTE REPORT**

REPORTING FACILITY EPA ID# LAD 990 683 716
 DISPOSER'S EPA ID # LAD 000 777 201
 DISPOSER'S NAME Chemical Waste Management Inc.
 DISPOSER'S ADDRESS Rt. 2 John BANNON ROAD
 CITY OR TOWN CARLYSS STATE LA ZIP 70663

WASTE IDENTIFICATION:

MANIFEST DOCUMENT NO.	EPA WASTE CODE NO.	HANDLING CODE	AMOUNT OF WASTE IN TONS
1166366A	F005 R	FUELS / T03	0.92
1166365A	/	/	1.60
1166435A			0.70
1159435A			1.20
1166437A			1.20
1159440A			0.92
1159439A			0.70
1159445A			0.70
1159438A			0.70

TOTALS: EPA WASTE NO. F005 R TONS 9.34
 EPA WASTE NO. _____ TONS _____
 EPA WASTE NO. _____ TONS _____
 EPA WASTE NO. _____ TONS _____
 TOTAL TONS THIS PAGE: 9.34

COMMENTS:
 HW-4(R-1/91)B

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**DEPARTMENT OF ENVIRONMENTAL QUALITY
GENERATOR'S ANNUAL HAZARDOUS WASTE REPORT**

REPORTING FACILITY EPA ID# LAD 990 683 716
 DISPOSER'S EPA ID # LAD 000 777 201
 DISPOSER'S NAME Chemical Waste Management Inc.
 DISPOSER'S ADDRESS Rt. 2 John BANNON ROAD
 CITY OR TOWN CARLYSS STATE LA ZIP 70663

WASTE IDENTIFICATION:

MANIFEST DOCUMENT NO.	EPA WASTE CODE NO.	HANDLING CODE	AMOUNT OF WASTE IN TONS
1166383B	F005	T03	8.0
1166433B	F005	T03	0.20
1166438B	F005	T03	0.20
1166439B	F005	T03	0.30
1166434B	F005	T03	0.50
1166363B	F005	T03	0.50
1166365B	F005	T03	0.80
1166435B	F005	T03	1.20
1166437B	F005	T03	0.50

TOTALS: EPA WASTE NO. F005 TONS 12.2
 EPA WASTE NO. _____ TONS _____
 EPA WASTE NO. _____ TONS _____
 EPA WASTE NO. _____ TONS _____
 TOTAL TONS THIS PAGE: 12.2

COMMENTS:
 HW-4(R-1/91)B

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**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
GENERATOR'S ANNUAL HAZARDOUS WASTE REPORT**

REPORTING FACILITY EPA ID# LAD 990 683 716
 DISPOSER'S EPA ID # LAD 000 777 201
 DISPOSER'S NAME Chemical Waste Management Inc.
 DISPOSER'S ADDRESS Rt. 2 JOHN BANNON ROAD
 CITY OR TOWN CARLYSS STATE LA ZIP 70663

WASTE IDENTIFICATION:

MANIFEST DOCUMENT NO.	EPA WASTE CODE NO.	HANDLING CODE	AMOUNT OF WASTE IN TONS
1166433A	F005R	Fuels/T03	0.5
1166383B	"	" "	0.5
1166384A	"	" "	1.0
1166440A	"	" "	2.8
1166433D	"	" "	0.23
1166438A	"	" "	1.20
1166439A	"	" "	0.92
1166434A	"	" "	2.30
1166363A	"	" "	0.70

TOTALS: EPA WASTE NO. F005R TONS 10.15
 EPA WASTE NO. _____ TONS _____
 EPA WASTE NO. _____ TONS _____
 EPA WASTE NO. _____ TONS _____
 TOTAL TONS THIS PAGE: 10.15

COMMENTS:
 HW-4(R-1/91)B

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SAL 000004242

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
GENERATOR'S ANNUAL HAZARDOUS WASTE REPORT**

REPORTING FACILITY EPA ID# LAD 990 683 716
 DISPOSER'S EPA ID # LAD 000 777 201
 DISPOSER'S NAME Chemical Waste Management Inc.
 DISPOSER'S ADDRESS Rt. 2 JOHN BANNON ROAD
 CITY OR TOWN CARLYSS STATE LA ZIP 70663

WASTE IDENTIFICATION:

MANIFEST DOCUMENT NO.	EPA WASTE CODE NO.	HANDLING CODE	AMOUNT OF WASTE IN TONS
1159450A	F005 R	FUELS / T03	1.38
1219283A	F005 R	FUELS / T03	0.55
1166431C	K052	D80	1.0
1166355A	K051	D80	13.44
1166352A	{	{	12.79
1166353A			11.06
1166358A			11.36
1166357A			14.44
1166356A			7.60

TOTALS: EPA WASTE NO. F005 R TONS 1.93
 EPA WASTE NO. K052 TONS 1.0
 EPA WASTE NO. K051 TONS 70.69
 EPA WASTE NO. _____ TONS _____
 TOTAL TONS THIS PAGE: 73.62

COMMENTS:
 HW-4(R-1/91)B

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SAL 000004243

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
GENERATOR'S ANNUAL HAZARDOUS WASTE REPORT

REPORTING FACILITY EPA ID# LAD 990 683 716
DISPOSER'S EPA ID # LAD 000 777 201
DISPOSER'S NAME Chemical Waste Management Inc.
DISPOSER'S ADDRESS Rt. 2 JOHN BANNON ROAD
CITY OR TOWN CARLYSS STATE LA ZIP 70663

WASTE IDENTIFICATION:

MANIFEST DOCUMENT NO.	EPA WASTE CODE NO.	HANDLING CODE	AMOUNT OF WASTE IN TONS
1166370A	K051	D80	13.73
1166371A	S	S	13.88
1166369A			13.02
1166368A			14.25
1166345A			15.79
1166346A			18.16
1159407A	D008	D80	12.82
1159406A	S	S	10.32
1159410A			15.67

TOTALS: EPA WASTE NO. K051 TONS 88.83
EPA WASTE NO. D008 TONS 38.81
EPA WASTE NO. _____ TONS _____
EPA WASTE NO. _____ TONS _____
TOTAL TONS THIS PAGE: 127.64

COMMENTS:
HW-4(R-1/91)B

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LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
GENERATOR'S ANNUAL HAZARDOUS WASTE REPORT

REPORTING FACILITY EPA ID# LAD 990 683 716
DISPOSER'S EPA ID # LAD 000 777 201
DISPOSER'S NAME Chemical Waste Management Inc.
DISPOSER'S ADDRESS Rt. 2 JOHN BANNON ROAD
CITY OR TOWN CARLYSS STATE LA ZIP 70663

WASTE IDENTIFICATION:

MANIFEST DOCUMENT NO.	EPA WASTE CODE NO.	HANDLING CODE	AMOUNT OF WASTE IN TONS
<u>LA-1166383</u>	<u>D002</u>	<u>D80</u>	<u>0.25</u>

TOTALS: EPA WASTE NO. _____ TONS _____
EPA WASTE NO. _____ TONS _____
EPA WASTE NO. _____ TONS _____
EPA WASTE NO. _____ TONS _____

TOTAL TONS THIS PAGE: _____

COMMENTS:
HW-4(R-1/91)B

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SAL 000004245

DEPARTMENT OF ENVIRONMENTAL QUALITY
GENERATOR'S ANNUAL HAZARDOUS WASTE REPORT

REPORTING FACILITY EPA ID# LAD 990 683 716
 DISPOSER'S EPA ID # LAD 001 890 367
 DISPOSER'S NAME EI. DUPONT DE NEMOURS *(Ponchartraine Works)*
 DISPOSER'S ADDRESS River Road
 CITY OR TOWN La Place STATE La ZIP 70068

WASTE IDENTIFICATION:

MANIFEST DOCUMENT NO.	EPA WASTE CODE NO.	HANDLING CODE	AMOUNT OF WASTE IN TONS
<u>1159441A</u>	<u>D001</u>	<u>T03</u>	<u>0.4</u>
<u>1159441B</u>	<u>K051</u>	<u>T03</u>	<u>0.15</u>

TOTALS: EPA WASTE NO. D001 TONS 0.4
 EPA WASTE NO. K051 TONS 0.15
 EPA WASTE NO. _____ TONS _____
 EPA WASTE NO. _____ TONS _____
 TOTAL TONS THIS PAGE: 0.55

COMMENTS:
 HW-4(R-1/91)B

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DEPARTMENT OF ENVIRONMENTAL QUALITY
GENERATOR'S ANNUAL HAZARDOUS WASTE REPORT

REPORTING FACILITY EPA ID# LAD 990683716
DISPOSER'S EPA ID # KYD053348108
DISPOSER'S NAME SAFETY-KLEEN CORP.
DISPOSER'S ADDRESS STATE HWY 148
CITY OR TOWN NEWCASTLE STATE KY ZIP 40050

WASTE IDENTIFICATION:

MANIFEST DOCUMENT NO.	EPA WASTE CODE NO.	HANDLING CODE	AMOUNT OF WASTE IN TONS
1159428A	F003R	FUELS / TO4	14.42
1159427A	F003R	FUELS / TO4	12.75

TOTALS: EPA WASTE NO. F003 TONS 27.17
EPA WASTE NO. _____ TONS _____
EPA WASTE NO. _____ TONS _____
EPA WASTE NO. _____ TONS _____
TOTAL TONS THIS PAGE: 27.17

COMMENTS:
HW-4(R-1/91)B

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**DEPARTMENT OF ENVIRONMENTAL QUALITY
GENERATOR'S ANNUAL HAZARDOUS WASTE REPORT**

REPORTING FACILITY EPA ID# LAD 990 683-716
 DISPOSER'S EPA ID # TXD 061 290 276
 DISPOSER'S NAME SAFETY - KLEEN CORP.
 DISPOSER'S ADDRESS 3304 WOMACK RR
 CITY OR TOWN ORANGE STATE TX ZIP 77630

WASTE IDENTIFICATION:

MANIFEST DOCUMENT NO.	EPA WASTE CODE NO.	HANDLING CODE	AMOUNT OF WASTE IN TONS
298064	D001R/D018R	T04	0.5
288663	same	same	0.5
263446			0.5
271041			0.43
252856			0.48
226112			0.42
235137			0.39
242770			0.50
282014			0.48

TOTALS: EPA WASTE NO. D001R/D018R TONS 4.2
 EPA WASTE NO. _____ TONS _____
 EPA WASTE NO. _____ TONS _____
 EPA WASTE NO. _____ TONS _____
 TOTAL TONS THIS PAGE: 4.2

COMMENTS:
 HW-4(R-1/91)B

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SAL 000004248

**DEPARTMENT OF ENVIRONMENTAL QUALITY
GENERATOR'S ANNUAL HAZARDOUS WASTE REPORT**

REPORTING FACILITY EPA ID# LAD 990 683 716
 DISPOSER'S EPA ID # TXD 061 290 276
 DISPOSER'S NAME SAFETY-KLEEN CORP
 DISPOSER'S ADDRESS 3304 WOMACK RD
 CITY OR TOWN ORANGE STATE TX ZIP 71630

WASTE IDENTIFICATION:

MANIFEST DOCUMENT NO.	EPA WASTE CODE NO.	HANDLING CODE	AMOUNT OF WASTE IN TONS
294670	D001R/ D018R	T04	0.48

TOTALS: EPA WASTE NO. D001R/D018R TONS 0.48
 EPA WASTE NO. _____ TONS _____
 EPA WASTE NO. _____ TONS _____
 EPA WASTE NO. _____ TONS _____
 TOTAL TONS THIS PAGE: 0.48

COMMENTS:
 HW-4(R-1/91)B

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DEPARTMENT OF ENVIRONMENTAL QUALITY
GENERATOR'S ANNUAL HAZARDOUS WASTE REPORT

REPORTING FACILITY EPA ID# LAD 990 683 716
DISPOSER'S EPA ID # TXD 074195678
DISPOSER'S NAME Gulf Chemical & Metallurgical Corp.
DISPOSER'S ADDRESS 302 Midway Road
CITY OR TOWN Freeport STATE TX ZIP 77541

WASTE IDENTIFICATION:

MANIFEST DOCUMENT NO.	EPA WASTE CODE NO.	HANDLING CODE	AMOUNT OF WASTE IN TONS
TEXAS MF # 00112963	D004	T04	19.55
00145937	D004	T04	15.45
19902021	D004	T04	16.44

TOTALS: EPA WASTE NO. D004 TONS 51.44
EPA WASTE NO. _____ TONS _____
EPA WASTE NO. _____ TONS _____
EPA WASTE NO. _____ TONS _____
TOTAL TONS THIS PAGE: 51.44

COMMENTS:
HW-4(R-1/91)B

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SAL 000004250