

**OCCIDENTAL Facility 2000-2004 TRI Dioxin Data**

**TEQ**

Occidental Chemical	3661CCDNT1300J						3566OCCDNTPOBOX					
	Mobile	Mobile	Mobile	Mobile	Mobile <sup>A</sup>	var.	Muscle Shoals	Muscle Shoals	Muscle Shoals	Muscle Shoals	Muscle Shoals <sup>A</sup>	var.
	2004	2003	2002	2001	2000		2004	2003	2002	2001	2000	
<b>TRI On-Site Reported Releases of Dioxins</b>												
5.1 & 5.2 TOTAL Air Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.3.1 Surface Water Discharges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.5.2 Releases to Land Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Release to Open Environmental	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TRI On-Site Disposal of Dioxins</b>												
5.5.1A Hazardous Waste Landfills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.5.1B Other Landfills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.4.1/5.4.2 Underground Injection	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
On-Site Disposal (other)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TRI Transfers Off-Site for Further Waste Mgmt</b>												
TOTAL Off-Site Transfers	0.06	0.12	0.34	1.12	0.00	0.06	0.13	0.86	0.11	0.38	0.00	0.13
M93 Transfers to Recycling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M56 Transfers to Energy Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M50+ Transfers to Treatment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M72&M79 Transfers to Off-Site Land Disposal	0.06	0.12	0.00	1.12	0.00	0.06	0.13	0.86	0.11	0.38	0.00	0.13
M90 Other Off-Site Transfers	0.00	0.00	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Quantities of Dioxin in Waste</b>												
8.4 Recycled On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.5 Recycled Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.2 Energy Recovery On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.3 Energy Recovery Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.6 Treated On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.7 Treated Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.8 Quantity Released*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

var. = variance from year 2000 data to year 2004 data

<sup>A</sup> = Mobile, Muscle Shoals, and New Castle facilities not included in 2000 reporting; 0 entries equivalent to N/A

\* Quantity Released as a result of remedial actions, catastrophic events, or one time events

**OCCIDENTAL Facility 2000-2004 TRI Dioxin Data**

**TEQ**

Occidental Chemical	19706CCDNTRIVER						67215VLCNC6200S		70723CCDNTHIGHW					
	New Castle	New Castle	New Castle	New Castle	New Castle <sup>^</sup>	var.	Wichita	var.	Convent	Convent	Convent	Convent	Convent	var.
	2004	2003	2002	2001	2000		2004		2004	2003	2002	2001	2000	
<b>TRI On-Site Reported Releases of Dioxins</b>														
5.1 & 5.2 TOTAL Air Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.16	n/a	0.00	0.00	0.00	0.00	0.00	0.00
5.3.1 Surface Water Discharges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.09	0.08	0.08	0.04	0.08	0.00
5.5.2 Releases to Land Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Release to Open Environmental	0.00	0.00	0.00	0.00	0.00	0.00	0.16	n/a	0.09	0.08	0.08	0.04	0.08	0.01
<b>TRI On-Site Disposal of Dioxins</b>														
5.5.1A Hazardous Waste Landfills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
5.5.1B Other Landfills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
5.4.1/5.4.2 Underground Injection	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
On-Site Disposal (other)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
<b>TRI Transfers Off-Site for Further Waste Mgmt</b>														
TOTAL Off-Site Transfers	0.26	0.40	0.52	0.80	0.00	0.26	0.05	n/a	20.60	19.89	18.89	10.61	6.32	14.28
M93 Transfers to Recycling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
M56 Transfers to Energy Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
M50+ Transfers to Treatment	0.26	0.40	0.52	0.80	0.00	0.26	0.05	n/a	2.64	19.76	18.76	0.00	6.23	-3.60
M72&M79 Transfers to Off-Site Land Disposal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	17.97	0.13	0.13	10.61	0.09	17.88
M90 Other Off-Site Transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
<b>Quantities of Dioxin in Waste</b>														
8.4 Recycled On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
8.5 Recycled Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
8.2 Energy Recovery On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
8.3 Energy Recovery Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
8.6 Treated On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
8.7 Treated Off-Site	0.26	0.40	0.52	0.80	0.00	0.26	0.04	n/a	19.76	19.76	18.89	0.00	6.23	13.53
8.8 Quantity Released*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00

var. = variance from year 2000 data to year 2004 data

\* Quantity Released as a result of remedial actions, catastrophic events, or one time events

<sup>T</sup> Wichita acquired by Occidental in 2004

**OCCIDENTAL Facility 2000-2004 TRI Dioxin Data**

**TEQ**

Occidental Chemical	70734VLCNMASHLA		70057CCDNTLAHWY					14302CCDNT4700B						
	Geismar <sup>T</sup>		Hahnville	Hahnville	Hahnville	Hahnville	Hahnville	Niagara Falls	Niagara Falls	Niagara Falls	Niagara Falls	Niagara Falls		
	2004	var.	2004	2003	2002	2001	2000	var.	2004	2003	2002	2001	2000	var.
<b>TRI On-Site Reported Releases of Dioxins</b>														
5.1 & 5.2 TOTAL Air Emissions	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.3.1 Surface Water Discharges	0.00	n/a	1.68	1.61	1.50	1.10	0.00	1.68	0.20	0.01	0.01	0.00	0.01	0.18
5.5.2 Releases to Land Surface	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Release to Open Environmental	0.00	n/a	1.68	1.61	1.50	1.10	0.00	1.68	0.20	0.01	0.01	0.00	0.02	0.18
<b>TRI On-Site Disposal of Dioxins</b>														
5.5.1A Hazardous Waste Landfills	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.5.1B Other Landfills	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.4.1/5.4.2 Underground Injection	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
On-Site Disposal (other)	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TRI Transfers Off-Site for Further Waste Mgmt</b>														
TOTAL Off-Site Transfers	0.00	n/a	0.27	0.00	0.23	0.04	0.18	0.09	8262.73	163.95	209.63	110.87	206.23	8056.50
M93 Transfers to Recycling	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M56 Transfers to Energy Recovery	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M50+ Transfers to Treatment	0.00	n/a	0.27	0.00	0.00	0.00	0.00	0.27	8262.73	163.93	209.61	110.86	206.20	8056.53
M72&M79 Transfers to Off-Site Land Disposal	0.00	n/a	0.00	0.00	0.18	*NOTE	0.18	-0.18	0.00	0.01	0.02	0.01	0.03	-0.03
M90 Other Off-Site Transfers	0.00	n/a	0.00	0.00	0.05	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Quantities of Dioxin in Waste</b>														
8.4 Recycled On-Site	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.5 Recycled Off-Site	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.2 Energy Recovery On-Site	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.3 Energy Recovery Off-Site	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.6 Treated On-Site	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	374.10	-374.10
8.7 Treated Off-Site	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.05	0.13	-0.13
8.8 Quantity Released*	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	8262.63	164.03	246.07	235.55	216.40	8046.23

var. = variance from year 2000 data to year 2004 data

\* Quantity Released as a result of remedial actions, catastrophic events, or one time events

<sup>T</sup> Geismar acquired by Occidental in 2004

0 = Hahnville: no TEQ value reported for year 2000 for surface water discharges

\*NOTE = Hahnville: congener-specific data not reported for transfer to off-site land disposal

**OCCIDENTAL Facility 2000-2004 TRI Dioxin Data**

**TEQ**

Occidental Chemical	28429CCDNTOFFST				77536CCDNT1000T					
	Castlehayne*	Castlehayne	Castlehayne		Deer Park C/A	Deer Park C/A	Deer Park C/A	Deer Park C/A	Deer Park C/A	
	2002	2001	2000	var.	2004	2003	2002	2001	2000	var.
<b>TRI On-Site Reported Releases of Dioxins</b>										
5.1 & 5.2 TOTAL Air Emissions	0.00	0.02	0.03	-0.03	0.00	0.00	0.00	0.00	0.00	0.00
5.3.1 Surface Water Discharges	0.00	0.00	0.00	0.00	0.09	0.10	0.15	0.37	0.80	-0.71
5.5.2 Releases to Land Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Release to Open Environmental	0.00	0.02	0.03	-0.03	0.09	0.10	0.15	0.37	0.80	-0.71
<b>TRI On-Site Disposal of Dioxins</b>										
5.5.1A Hazardous Waste Landfills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.5.1B Other Landfills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.4.1/5.4.2 Underground Injection	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
On-Site Disposal (other)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TRI Transfers Off-Site for Further Waste Mgmt</b>										
TOTAL Off-Site Transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.11	0.36	-0.36
M93 Transfers to Recycling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M56 Transfers to Energy Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M50+ Transfers to Treatment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M72&M79 Transfers to Off-Site Land Disposal	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.11	0.36	-0.36
M90 Other Off-Site Transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Quantities of Dioxin in Waste</b>										
8.4 Recycled On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.5 Recycled Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.2 Energy Recovery On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.3 Energy Recovery Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.6 Treated On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.7 Treated Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.8 Quantity Released*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

var. = variance from year 2000 data to year 2004 data

\* = Castlehayne sold in 2002. No data for 2002-2004; 0 entries equivalent to N/A

**OCCIDENTAL Facility 2000-2004 TRI Dioxin Data**

**TEQ**

Occidental Chemical	77536CCDNTTIDAL						78359CCDNTHWY36					
	Deer Park	Deer Park	Deer Park	Deer Park	Deer Park		Ingleside	Ingleside	Ingleside	Ingleside	Ingleside	
	VCM	VCM	VCM	VCM	VCM	var.	2004	2003	2002	2001	2000	var.
<b>TRI On-Site Reported Releases of Dioxins</b>	<b>2004</b>	<b>2003</b>	<b>2002</b>	<b>2001</b>	<b>2000</b>		<b>2004</b>	<b>2003</b>	<b>2002</b>	<b>2001</b>	<b>2000</b>	
5.1 & 5.2 TOTAL Air Emissions	0.00	0.02	1.21	1.20	0.32	-0.32	0.00	0.00	0.18	1.50	1.58	-1.58
5.3.1 Surface Water Discharges	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.22	0.23	-0.21
5.5.2 Releases to Land Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Release to Open Environmental	0.00	0.02	1.21	1.20	0.32	-0.32	0.01	0.01	0.19	1.73	1.81	-1.79
<b>TRI On-Site Disposal of Dioxins</b>												
5.5.1A Hazardous Waste Landfills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.5.1B Other Landfills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.4.1/5.4.2 Underground Injection	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
On-Site Disposal (other)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TRI Transfers Off-Site for Further Waste Mgmt</b>												
TOTAL Off-Site Transfers	0.47	58.16	1.10	0.24	1.27	-0.80	1.75	1.95	2.26	1.37	1.42	0.33
M93 Transfers to Recycling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M56 Transfers to Energy Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M50+ Transfers to Treatment	0.47	0.50	0.64	0.14	0.25	0.22	1.75	0.00	0.00	0.00	1.42	0.33
M72&M79 Transfers to Off-Site Land Disposal	0.00	57.65	0.47	0.10	1.02	-1.02	0.00	1.95	2.26	1.37	0.00	0.00
M90 Other Off-Site Transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Quantities of Dioxin in Waste</b>												
8.4 Recycled On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.5 Recycled Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.2 Energy Recovery On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.3 Energy Recovery Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.6 Treated On-Site	0.00	18.49	106.46	163.66	22.00	-22.00	30.68	26.29	44.89	195.58	195.80	-165.12
8.7 Treated Off-Site	0.47	0.50	0.00	0.14	0.25	0.22	0.00	0.00	0.00	0.00	1.42	-1.42
8.8 Quantity Released*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

var. = variance from year 2000 data to year 2004 data

\* Quantity Released as a result of remedial actions, catastrophic events, or one time events

**OCCIDENTAL Facility 2000-2004 TRI Dioxin Data**

**TEQ**

Occidental Chemical	77571LPRTC2400M						77571-LPRTC-2400M					
	La Porte C/A	La Porte C/A	La Porte C/A	La Porte C/A	La Porte C/A	var.	La Porte VCM	La Porte VCM	La Porte VCM	La Porte VCM	La Porte VCM	var.
	2004	2003	2002	2001	2000		2004	2003	2002	2001	2000	
<b>TRI On-Site Reported Releases of Dioxins</b>												
5.1 & 5.2 TOTAL Air Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.03	0.03	0.03	-0.01
5.3.1 Surface Water Discharges	0.14	0.14	0.07	0.08	0.00	0.14	0.04	0.04	0.01	0.01	0.01	0.03
5.5.2 Releases to Land Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Release to Open Environmental	0.14	0.14	0.07	0.08	0.00	0.14	0.06	0.06	0.04	0.04	0.04	0.02
<b>TRI On-Site Disposal of Dioxins</b>												
5.5.1A Hazardous Waste Landfills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.5.1B Other Landfills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.4.1/5.4.2 Underground Injection	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
On-Site Disposal (other)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TRI Transfers Off-Site for Further Waste Mgmt</b>												
TOTAL Off-Site Transfers	0.31	0.51	0.14	0.44	0.00	0.31	321.72	223.52	260.06	363.76	502.49	-180.77
M93 Transfers to Recycling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	496.40	-496.40
M56 Transfers to Energy Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M50+ Transfers to Treatment	0.31	0.00	0.00	0.00	0.00	0.31	321.72	42.43	89.94	357.32	0.00	321.72
M72&M79 Transfers to Off-Site Land Disposal	0.00	0.51	0.14	0.44	0.00	0.00	0.00	181.08	170.12	6.44	6.09	-6.09
M90 Other Off-Site Transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Quantities of Dioxin in Waste</b>												
8.4 Recycled On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.5 Recycled Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	496.40	-496.40
8.2 Energy Recovery On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.3 Energy Recovery Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.6 Treated On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.7 Treated Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	182.35	42.43	55.26	357.32	0.00	182.35
8.8 Quantity Released*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

var. = variance from year 2000 data to year 2004 data

\* Quantity Released as a result of remedial actions, catastrophic events, or one time events

**OCCIDENTAL Facility 2000-2004 TRI Dioxin Data**

**TEQ**

<b>Occidental Chemical</b>		<b>TOTAL</b>	<b>TOTAL</b>	<b>TOTAL</b>	<b>TOTAL</b>	<b>TOTAL</b>	<i>var.</i>
		<b>2004</b>	<b>2003</b>	<b>2002</b>	<b>2001</b>	<b>2000</b>	
<b>TRI On-Site Reported Releases of Dioxins</b>							
5.1 & 5.2	TOTAL Air Emissions	0.19	0.04	1.42	2.76	1.96	-1.78
5.3.1	Surface Water Discharges	2.26	1.99	1.83	1.83	1.14	1.12
5.5.2	Releases to Land Surface	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL Release to Open Environmental	2.45	2.03	3.26	4.59	3.10	-0.65
<b>TRI On-Site Disposal of Dioxins</b>							
5.5.1A	Hazardous Waste Landfills	0.00	0.00	0.00	0.00	0.00	0.00
5.5.1B	Other Landfills	0.00	0.00	0.00	0.00	0.00	0.00
5.4.1/5.4.2	Underground Injection	0.00	0.00	0.00	0.00	0.00	0.00
	On-Site Disposal (other)	0.00	0.00	0.00	0.00	0.00	0.00
<b>TRI Transfers Off-Site for Further Waste Mgmt</b>							
	TOTAL Off-Site Transfers	8608.35	469.36	493.32	489.74	718.27	7890.08
M93	Transfers to Recycling	0.00	0.00	0.00	0.00	496.40	-496.40
M56	Transfers to Energy Recovery	0.00	0.00	0.00	0.00	0.00	0.00
M50+	Transfers to Treatment	8590.19	227.03	319.47	469.12	214.10	8376.09
M72&M79	Transfers to Off-Site Land Disposal	18.17	242.33	173.47	20.57	7.77	10.40
M90	Other Off-Site Transfers	0.00	0.00	0.38	0.04	0.00	0.00
<b>Quantities of Dioxin in Waste</b>							
8.4	Recycled On-Site	0.00	0.00	0.00	0.00	0.00	0.00
8.5	Recycled Off-Site	0.00	0.00	0.00	0.00	496.40	-496.40
8.2	Energy Recovery On-Site	0.00	0.00	0.00	0.00	0.00	0.00
8.3	Energy Recovery Off-Site	0.00	0.00	0.00	0.00	0.00	0.00
8.6	Treated On-Site	30.68	44.78	151.35	359.24	591.90	-561.22
8.7	Treated Off-Site	202.88	63.11	74.70	358.32	8.03	194.85
8.8	Quantity Released*	8262.63	164.03	246.07	235.55	216.40	8046.23

*var.* = variance from year 2000 data to year 2004 data

\* Quantity Released as a result of remedial actions, catastrophic events,  
or one time events

OCCIDENTAL Facility 2000-2004 TRI Dioxin Data

TM-17

Occidental Chemical	3661CCDNT1300J						3566OCCDNTPOBOX					
	Mobile	Mobile	Mobile	Mobile	Mobile <sup>^</sup>	var.	Muscle Shoals	Muscle Shoals	Muscle Shoals	Muscle Shoals	Muscle Shoals <sup>^</sup>	var.
	2004	2003	2002	2001	2000		2004	2003	2002	2001	2000	
<b>TRI On-Site Reported Releases of Dioxins</b>												
5.1 & 5.2 TOTAL Air Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.3.1 Surface Water Discharges	0.06	0.06	0.04	0.04	0.00	0.06	0.05	0.05	0.05	0.05	0.00	0.05
5.5.2 Releases to Land Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Release to Open Environmental	0.06	0.06	0.04	0.04	0.00	0.06	0.05	0.05	0.05	0.05	0.00	0.05
<b>TRI On-Site Disposal of Dioxins</b>												
5.5.1A Hazardous Waste Landfills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.5.1B Other Landfills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.4.1/5.4.2 Underground Injection	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
On-Site Disposal (other)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TRI Transfers Off-Site for Further Waste Mgmt</b>												
TOTAL Off-Site Transfers	0.86	1.72	4.76	12.66	0.00	0.86	1.90	12.45	1.55	5.33	0.00	1.90
M93 Transfers to Recycling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M56 Transfers to Energy Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M50+ Transfers to Treatment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M72&M79 Transfers to Off-Site Land Disposal	0.86	1.72	0.00	12.66	0.00	0.86	1.90	12.45	1.55	5.33	0.00	1.90
M90 Other Off-Site Transfers	0.00	0.00	4.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Quantities of Dioxin in Waste</b>												
8.4 Recycled On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.5 Recycled Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.2 Energy Recovery On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.3 Energy Recovery Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.6 Treated On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.7 Treated Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.8 Quantity Released*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

var. = variance from year 2000 data to year 2004 data

<sup>^</sup> = Mobile, Muscle Shoals, and New Castle facilities not included in 2000 reporting; 0 entries equivalent to N/A

\* Quantity Released as a result of remedial actions, catastrophic events, or one time events

**OCCIDENTAL Facility 2000-2004 TRI Dioxin Data**

TM-17

Occidental Chemical	19706CCDNTRIVER						67215VLCNC6200S		70723CCDNTHIGHW					
	New Castle	New Castle	New Castle	New Castle	New Castle <sup>^</sup>	var.	Wichita	var.	Convent	Convent	Convent	Convent	Convent	var.
	2004	2003	2002	2001	2000		2004		2004	2003	2002	2001	2000	
<b>TRI On-Site Reported Releases of Dioxins</b>														
5.1 & 5.2 TOTAL Air Emissions	0.00	0.00	0.00	0.00	0.00	0.00	57.01	n/a	0.04	0.03	0.01	0.00	0.01	0.03
5.3.1 Surface Water Discharges	0.01	0.02	0.01	0.01	0.00	0.01	0.00	n/a	0.86	0.78	0.76	0.74	0.80	0.05
5.5.2 Releases to Land Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Release to Open Environmental	0.01	0.02	0.01	0.01	0.00	0.01	57.01	n/a	0.89	0.81	0.77	0.74	0.81	0.08
<b>TRI On-Site Disposal of Dioxins</b>														
5.5.1A Hazardous Waste Landfills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
5.5.1B Other Landfills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
5.4.1/5.4.2 Underground Injection	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
On-Site Disposal (other)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
<b>TRI Transfers Off-Site for Further Waste Mgmt</b>														
TOTAL Off-Site Transfers	3.64	7.02	9.18	15.63	0.00	3.64	16.44	n/a	190.32	197.91	188.01	179.08	234.33	-44.01
M93 Transfers to Recycling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
M56 Transfers to Energy Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
M50+ Transfers to Treatment	3.64	7.02	9.18	15.63	0.00	3.64	16.44	n/a	26.22	196.63	186.72	0.00	232.87	-206.65
M72&M79 Transfers to Off-Site Land Disposal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	164.09	1.28	1.28	179.08	1.46	162.63
M90 Other Off-Site Transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
<b>Quantities of Dioxin in Waste</b>														
8.4 Recycled On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
8.5 Recycled Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
8.2 Energy Recovery On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
8.3 Energy Recovery Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
8.6 Treated On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00
8.7 Treated Off-Site	3.64	7.02	9.18	15.63	0.00	3.64	12.82	n/a	196.63	196.63	188.01	0.00	233.00	-36.37
8.8 Quantity Released*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00

var. = variance from year 2000 data to year 2004 data

\* Quantity Released as a result of remedial actions, catastrophic events, or one time events

<sup>T</sup> Wichita acquired by Occidental in 2004

**OCCIDENTAL Facility 2000-2004 TRI Dioxin Data**

TM-17

Occidental Chemical	70734VLCNMASHLA		70057CCDNTLAHWY					14302CCDNT4700B						
	Geismar		Hahnville	Hahnville	Hahnville	Hahnville	Hahnville	var.	Niagara Falls	Niagara Falls	Niagara Falls	Niagara Falls	Niagara Falls	var.
	2004	var.	2004	2003	2002	2001	2000	var.	2004	2003	2002	2001	2000	var.
<b>TRI On-Site Reported Releases of Dioxins</b>														
5.1 & 5.2 TOTAL Air Emissions	0.02	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03	-0.03
5.3.1 Surface Water Discharges	0.00	n/a	22.00	21.08	19.60	14.37	0.86	21.14	0.27	0.20	0.13	0.11	0.24	0.03
5.5.2 Releases to Land Surface	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Release to Open Environmental	0.02	n/a	22.00	21.08	19.60	14.37	0.86	21.14	0.27	0.20	0.15	0.13	0.27	0.00
<b>TRI On-Site Disposal of Dioxins</b>														
5.5.1A Hazardous Waste Landfills	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.5.1B Other Landfills	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.4.1/5.4.2 Underground Injection	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
On-Site Disposal (other)	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TRI Transfers Off-Site for Further Waste Mgmt</b>														
TOTAL Off-Site Transfers	9.85	n/a	3.51	3.36	3.00	2.84	3.07	0.44	11110.13	5806.99	7644.86	4043.23	23680.17	-12570.04
M93 Transfers to Recycling	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M56 Transfers to Energy Recovery	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M50+ Transfers to Treatment	9.85	n/a	3.51	0.57	0.00	0.00	0.00	3.51	11110.13	5806.50	7644.48	4042.80	23679.70	-12569.57
M72&M79 Transfers to Off-Site Land Disposal	0.00	n/a	0.00	2.79	2.40	2.29	3.07	-3.07	0.00	0.49	0.38	0.43	0.47	-0.47
M90 Other Off-Site Transfers	0.00	n/a	0.00	0.00	0.60	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Quantities of Dioxin in Waste</b>														
8.4 Recycled On-Site	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.5 Recycled Off-Site	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.2 Energy Recovery On-Site	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.3 Energy Recovery Off-Site	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.6 Treated On-Site	330.91	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11200.00	-11200.00
8.7 Treated Off-Site	16.17	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.80	1.90	10.80	-10.80
8.8 Quantity Released*	0.00	n/a	0.00	0.00	0.00	0.00	0.00	0.00	11110.00	5810.00	8973.82	8590.00	23700.00	-12590.00

var. = variance from year 2000 data to year 2004 data

\* Quantity Released as a result of remedial actions, catastrophic events, or one time events

<sup>T</sup> Geismar acquired by Occidental in 2004

**OCCIDENTAL Facility 2000-2004 TRI Dioxin Data**

TM-17

Occidental Chemical	28429CCDNTOFFST				77536CCDNT1000T					
	Castlehayne*	Castlehayne	Castlehayne		Deer Park C/A	Deer Park C/A	Deer Park C/A	Deer Park C/A	Deer Park C/A	
	2002	2001	2000	var.	2004	2003	2002	2001	2000	var.
<b>TRI On-Site Reported Releases of Dioxins</b>										
5.1 & 5.2 TOTAL Air Emissions	0.00	0.25	0.30	-0.30	0.00	0.00	0.00	0.00	0.00	0.00
5.3.1 Surface Water Discharges	0.00	0.00	0.00	0.00	3.88	4.22	6.41	13.92	33.30	-29.42
5.5.2 Releases to Land Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Release to Open Environmental	0.00	0.25	0.30	-0.30	3.88	4.22	6.41	13.92	33.30	-29.42
<b>TRI On-Site Disposal of Dioxins</b>										
5.5.1A Hazardous Waste Landfills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.5.1B Other Landfills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.4.1/5.4.2 Underground Injection	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
On-Site Disposal (other)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TRI Transfers Off-Site for Further Waste Mgmt</b>										
TOTAL Off-Site Transfers	0.00	0.00	0.00	0.00	0.00	0.09	1.69	1.86	6.02	-6.02
M93 Transfers to Recycling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M56 Transfers to Energy Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M50+ Transfers to Treatment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M72&M79 Transfers to Off-Site Land Disposal	0.00	0.00	0.00	0.00	0.00	0.09	1.69	1.86	6.02	-6.02
M90 Other Off-Site Transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Quantities of Dioxin in Waste</b>										
8.4 Recycled On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.5 Recycled Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.2 Energy Recovery On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.3 Energy Recovery Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.6 Treated On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.7 Treated Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.8 Quantity Released*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

var. = variance from year 2000 data to year 2004 data

\* Quantity Released as a result of remedial actions, catastrophic events, or one time events

\* = Castlehayne sold in 2002. No data for 2002-2004; 0 entries equivalent to N/A

**OCCIDENTAL Facility 2000-2004 TRI Dioxin Data**

TM-17

Occidental Chemical	77536CCDNTTIDAL					var.	78359CCDNTHWY36					var.
	Deer Park VCM	Deer Park VCM	Deer Park VCM	Deer Park VCM	Deer Park VCM		Ingleside	Ingleside	Ingleside	Ingleside	Ingleside	
	2004	2003	2002	2001	2000		2004	2003	2002	2001	2000	
<b>TRI On-Site Reported Releases of Dioxins</b>												
5.1 & 5.2 TOTAL Air Emissions	0.15	2.68	52.10	51.40	51.90	-51.75	0.10	0.12	30.10	94.40	99.67	-99.57
5.3.1 Surface Water Discharges	1.60	0.00	0.00	0.00	0.00	1.60	3.10	3.00	1.70	1.58	1.60	1.50
5.5.2 Releases to Land Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Release to Open Environmental	1.75	2.68	52.10	51.40	51.90	-50.15	3.20	3.12	31.80	95.98	101.27	-98.07
<b>TRI On-Site Disposal of Dioxins</b>												
5.5.1A Hazardous Waste Landfills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.5.1B Other Landfills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.4.1/5.4.2 Underground Injection	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
On-Site Disposal (other)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TRI Transfers Off-Site for Further Waste Mgmt</b>												
TOTAL Off-Site Transfers	84.02	10380.81	47.40	10.19	39.18	44.84	381.00	478.70	378.20	260.07	347.40	33.60
M93 Transfers to Recycling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M56 Transfers to Energy Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M50+ Transfers to Treatment	84.02	89.92	27.30	6.09	16.60	67.42	381.00	0.00	0.00	0.00	347.40	33.60
M72&M79 Transfers to Off-Site Land Disposal	0.00	10290.89	20.10	4.10	22.58	-22.58	0.00	478.70	378.20	260.07	0.00	0.00
M90 Other Off-Site Transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Quantities of Dioxin in Waste</b>												
8.4 Recycled On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.5 Recycled Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.2 Energy Recovery On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.3 Energy Recovery Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.6 Treated On-Site	0.00	3300.69	4566.84	7020.88	887.08	-887.08	6691.20	6451.00	7527.00	7399.70	7413.00	-721.80
8.7 Treated Off-Site	84.02	89.90	0.00	6.09	16.60	67.42	0.00	0.00	0.00	0.00	347.40	-347.40
8.8 Quantity Released*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

var. = variance from year 2000 data to year 2004 data

\* Quantity Released as a result of remedial actions, catastrophic events, or one time events

**OCCIDENTAL Facility 2000-2004 TRI Dioxin Data**

**TM-17**

Occidental Chemical	77571LPRTC2400M						77571-LPRTC-2400M					
	La Porte	La Porte	La Porte	La Porte	La Porte		La Porte	La Porte	La Porte	La Porte	La Porte	
	C/A	C/A	C/A	C/A	C/A	var.	VCM	VCM	VCM	VCM	VCM	var.
<b>TRI On-Site Reported Releases of Dioxins</b>	<b>2004</b>	<b>2003</b>	<b>2002</b>	<b>2001</b>	<b>2000</b>	<i>var.</i>	<b>2004</b>	<b>2003</b>	<b>2002</b>	<b>2001</b>	<b>2000</b>	<i>var.</i>
5.1 & 5.2 TOTAL Air Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.85	0.88	0.88	0.89	-0.02
5.3.1 Surface Water Discharges	1.12	1.08	0.57	0.60	0.60	0.52	1.50	1.54	1.60	1.60	1.73	-0.23
5.5.2 Releases to Land Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Release to Open Environmental	1.12	1.08	0.57	0.60	0.60	0.52	2.37	2.39	2.48	2.48	2.62	-0.25
<b>TRI On-Site Disposal of Dioxins</b>												
5.5.1A Hazardous Waste Landfills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.5.1B Other Landfills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.4.1/5.4.2 Underground Injection	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
On-Site Disposal (other)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TRI Transfers Off-Site for Further Waste Mgmt</b>												
TOTAL Off-Site Transfers	2.50	4.03	1.14	3.50	0.00	2.50	12769.48	8871.77	10322.11	13144.00	15214.10	-2444.62
M93 Transfers to Recycling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M56 Transfers to Energy Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M50+ Transfers to Treatment	2.50	0.00	0.00	0.00	0.00	2.50	12769.48	1684.24	3569.76	6359.12	8834.00	3935.48
M72&M79 Transfers to Off-Site Land Disposal	0.00	4.03	1.14	3.50	0.00	0.00	0.00	7187.53	6752.35	6784.88	6380.10	-6380.10
M90 Other Off-Site Transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Quantities of Dioxin in Waste</b>												
8.4 Recycled On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.5 Recycled Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.2 Energy Recovery On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.3 Energy Recovery Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.6 Treated On-Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.7 Treated Off-Site	0.00	0.00	0.00	0.00	0.00	0.00	7237.72	1684.24	2193.36	6359.12	8833.60	-1595.88
8.8 Quantity Released*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*var.* = variance from year 2000 data to year 2004 data

\* Quantity Released as a result of remedial actions, catastrophic events, or one time events

**OCCIDENTAL Facility 2000-2004 TRI Dioxin Data**

**TM-17**

<b>Occidental Chemical</b>		<b>TOTAL</b>	<b>TOTAL</b>	<b>TOTAL</b>	<b>TOTAL</b>	<b>TOTAL</b>	
		<b>2004</b>	<b>2003</b>	<b>2002</b>	<b>2001</b>	<b>2000</b>	<i>var.</i>
<b>TRI On-Site Reported Releases of Dioxins</b>							
5.1 & 5.2	TOTAL Air Emissions	58.19	3.68	83.10	146.95	152.81	-94.62
5.3.1	Surface Water Discharges	34.44	32.02	30.87	33.03	39.12	-4.68
5.5.2	Releases to Land Surface	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL Release to Open Environmental	92.63	35.71	113.97	179.98	191.93	-99.30
<b>TRI On-Site Disposal of Dioxins</b>							
5.5.1A	Hazardous Waste Landfills	0.00	0.00	0.00	0.00	0.00	0.00
5.5.1B	Other Landfills	0.00	0.00	0.00	0.00	0.00	0.00
5.4.1/5.4.2	Underground Injection	0.00	0.00	0.00	0.00	0.00	0.00
	On-Site Disposal (other)	0.00	0.00	0.00	0.00	0.00	0.00
<b>TRI Transfers Off-Site for Further Waste Mgmt</b>							
	TOTAL Off-Site Transfers	24573.65	25764.86	18601.91	17678.40	39524.27	-14950.63
M93	Transfers to Recycling	0.00	0.00	0.00	0.00	0.00	0.00
M56	Transfers to Energy Recovery	0.00	0.00	0.00	0.00	0.00	0.00
M50+	Transfers to Treatment	24406.80	7784.88	11437.45	10423.64	33110.57	-8703.77
M72&M79	Transfers to Off-Site Land Disposal	166.85	17979.97	7159.10	7254.22	6413.70	-6246.85
M90	Other Off-Site Transfers	0.00	0.00	5.36	0.54	0.00	0.00
<b>Quantities of Dioxin in Waste</b>							
8.4	Recycled On-Site	0.00	0.00	0.00	0.00	0.00	0.00
8.5	Recycled Off-Site	0.00	0.00	0.00	0.00	0.00	0.00
8.2	Energy Recovery On-Site	0.00	0.00	0.00	0.00	0.00	0.00
8.3	Energy Recovery Off-Site	0.00	0.00	0.00	0.00	0.00	0.00
8.6	Treated On-Site	7022.11	9751.69	12093.84	14420.58	19500.08	-12477.97
8.7	Treated Off-Site	7550.99	1978.28	2391.35	6382.74	9441.40	-1890.41
8.8	Quantity Released*	11110.00	5810.00	8973.82	8590.00	23700.00	-12590.00

*var.* = variance from year 2000 data to year 2004 data

\* Quantity Released as a result of remedial actions, catastrophic events,  
or one time events