

DOW Facility 2002, 2001, and 2000 TRI Dioxin Data

TM-17

Dow Chemical	Plaquemine				Midland				Freeport				TOTAL			
	2002	2001	2000	var.	2002	2001	2000	var.	2002	2001	2000	var.	2002	2001	2000	var.
TRI On-Site Reported Releases of Dioxins																
5.1 & 5.2 TOTAL Air Emissions	16.46	1.84	2.56	13.90	0.58	1.10	0.49	0.09	106.92	124.93	139.64	-32.72	123.96	127.86	142.69	-18.73
5.3.1 Surface Water Discharges	242.90	574.21	745.90	-503.00	4.30	2.56	5.69	-1.39	359.15	708.46	562.22	-203.07	606.35	1285.23	1313.81	-707.46
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	0.00	0.00	0.00	0.00
TOTAL Release to Open Environmental	259.36	576.04	748.46	-489.10	4.88	3.67	6.18	-1.30	466.07	833.38	701.86	-235.79	730.31	1413.09	1456.50	-726.19
TRI On-Site Disposal of Dioxins																
5.5.1A Hazardous Waste Landfills	0.11	0.00	0.00	0.11	2532.60	729.91	320.57	2212.03	8882.10	9209.44	3855.60	5026.50	11414.81	9939.35	4176.17	7238.64
5.5.1B Other Landfills	26.05	512.16	842.00	-815.95	0.00	0.00	0.00	0.00	2314.30	4143.99	0.00	2314.30	2340.35	4656.15	842.00	1498.35
5.4.1/5.4.2 Underground Injection	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00	83.82	120.60	-55.60	65.00	83.82	120.60	-55.60
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	0.00	0.00	0.00	0.00
TRI Transfers Off-Site for Further Waste Mgmt																
TOTAL Off-Site Transfers	0.00	29.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	-0.09	0.00	29.02	0.09	-0.09
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	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	0.00	0.00	0.00	0.00
M50+ Transfers to Treatment	0.00	29.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	-0.09	0.00	29.02	0.09	-0.09
M72&M79 Transfers to Off-Site Land Disposal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
Quantities of Dioxin in Waste																
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	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	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	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	0.00	0.00	0.00	0.00
8.6 Treated On-Site	36802.40	33828.00	13457.00	23345.40	16147.40	61738.69	48779.10	-32631.70	82486.60	96926.00	113244.00	-30757.40	135436.40	192492.69	175480.10	-40043.70
8.7 Treated Off-Site	0.00	29.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	-0.44	0.00	29.02	13457.44	-13457.44
8.8 Quantity Released*	0.00	0.00	0.00	0.00	2532.50	729.73	320.50	2212.00	49.51	741.00	0.00	49.51	2582.01	1470.73	320.50	2261.51

var. = variance from year 2000 data to year 2002 data

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

DOW Facility 2002, 2001, and 2000 TRI Dioxin Data

TEQ

Dow Chemical		Plaquemine				Midland				Freeport				TOTAL			
		2002	2001	2000	var.	2002	2001	2000	var.	2002	2001	2000	var.	2002	2001	2000	var.
TRI On-Site Reported Releases of Dioxins																	
5.1 & 5.2	TOTAL Air Emissions	0.17	0.09	0.14	0.04	0.04	0.06	0.07	-0.02	2.19	4.05	3.28	-1.09	2.40	4.20	3.48	-1.08
5.3.1	Surface Water Discharges	2.03	2.80	5.61	-3.58	0.01	0.01	0.03	-0.01	3.12	9.60	5.78	-2.66	5.16	12.41	11.42	-6.26
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	0.00	0.00	0.00	0.00
	TOTAL Release to Open Environmental	2.20	2.89	5.75	-3.55	0.06	0.07	0.10	-0.04	5.31	13.65	9.06	-3.75	7.57	16.61	14.90	-7.33
TRI On-Site Disposal of Dioxins																	
5.5.1A	Hazardous Waste Landfills	0.01	0.00	0.00	0.01	15.82	13.82	12.83	2.99	56.00	156.90	88.17	-32.17	71.83	170.72	101.00	-29.17
5.5.1B	Other Landfills	1.09	6.19	12.45	-11.37	0.00	0.00	0.00	0.00	18.90	42.81	0.00	18.90	19.99	49.00	12.45	7.54
5.4.1/5.4.2	Underground Injection	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.23	5.43	7.79	-3.56	4.23	5.43	7.79	-3.56
	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	0.00	0.00	0.00	0.00
TRI Transfers Off-Site for Further Waste Mgmt																	
	TOTAL Off-Site Transfers	0.00	1.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-0.01	0.00	1.45	0.01	-0.01
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	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	0.00	0.00	0.00	0.00
M50+	Transfers to Treatment	0.00	1.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-0.01	0.00	1.45	0.01	-0.01
M72&M79	Transfers to Off-Site Land Disposal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
Quantities of Dioxin in Waste																	
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	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	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	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	0.00	0.00	0.00	0.00
8.6	Treated On-Site	995.20	887.40	306.00	689.20	287.30	449.71	400.00	-112.70	2937.60	3905.60	4634.71	-1697.11	4220.10	5242.71	5340.71	-1120.61
8.7	Treated Off-Site	0.00	1.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	-0.06	0.00	1.45	0.06	-0.06
8.8	Quantity Released*	0.00	0.00	0.00	0.00	15.82	13.82	12.68	3.14	0.60	8.95	0.00	0.60	16.42	22.77	12.68	3.74

var. = variance from year 2000 data to year 2002 data

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