

DOW Facility 2001 and 2000 TRI Dioxin Data

TEQ

		70765THDWCHIGHW		48667THDWCMICHI		77541THDWCBUILD			
Dow Chemical - TEQ		Plaquemine	Plaquemine	Midland	Midland	Freeport	Freeport	TOTAL	TOTAL
		2001	2000	2001	2000	2001	2000	2001	2000
TRI On-Site Reported Releases of Dioxins									
5.1 & 5.2	TOTAL Air Emissions	0.09	0.14	0.06	0.07	4.05	3.28	4.20	3.48
5.3.1	Surface Water Discharges	2.80	5.61	0.01	0.03	9.60	5.78	12.41	11.42
5.5.2	Releases to Land Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL Release to Open Environmental	2.89	5.75	0.07	0.10	13.65	9.06	16.61	14.90
TRI On-Site Disposal of Dioxins									
5.5.1A	Hazardous Waste Landfills	0.00	0.00	13.82	12.83	156.90	88.17	170.72	101.00
5.5.1B	Other Landfills	6.19	12.45	0.00	0.00	42.81	0.00	49.00	12.45
5.4.1/5.4.2	Underground Injection	0.00	0.00	0.00	0.00	5.43	7.79	5.43	7.79
	On-Site Disposal	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	1.45	0.00	0.00	0.00	0.00	0.06	1.45	0.06
M93	Transfers to Recycling	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
M50+	Transfers to Treatment	1.45	0.00	0.00	0.00	0.00	0.06	1.45	0.06
M72&M79	Transfers to Off-Site Land Disposal	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
Quantities of Dioxin in Waste									
	TOTAL Quantity in Waste	888.85	306.00	449.71	412.68	3905.60	4634.77	5244.16	5353.45
8.4	Recycled On-Site	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
8.2	Energy Recovery On-Site	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
8.6	Treated On-Site	887.40	306.00	449.71	400.00	3905.60	4634.71	5242.71	5340.71
8.7	Treated Off-Site	1.45	0.00	0.00	0.00	0.00	0.06	1.45	0.06
8.8	Recovered via Remediation	0.00	0.00	0.00	12.68	0.00	0.00	0.00	12.68
<p>In 2001, Dow experienced an upset in a treatment unit that led to an increase above its 2000 emissions to air and water. The cause was identified and steps undertaken to ensure that this upset would not be repeated. In 2002, Dow's dioxin emissions totaled 8.68 grams (TEQ) – well below its 2000 and 2001 emissions. Since 1995, Dow has achieved a 75 percent reduction in its dioxin emissions, with a commitment to achieve a 90 percent reduction by 2005.</p> <p>Dow's 2002 dioxin emissions are reported on its website: http://www.dow.com/environment/dioxin/index.htm</p>									

DOW Facility 2001 and 2000 TRI Dioxin Data

TM-17

		70765THDWCHIGHW		48667THDWCMIHI		77541THDWCBUILD			
Dow Chemical - TM-17		Plaquemine	Plaquemine	Midland	Midland	Freeport	Freeport	TOTAL	TOTAL
		2001	2000	2001	2000	2001	2000	2001	2000
TRI On-Site Reported Releases of Dioxins									
5.1 & 5.2	TOTAL Air Emissions	1.84	2.56	1.10	0.49	124.93	139.64	127.86	142.69
5.3.1	Surface Water Discharges	574.21*	745.90	2.56	5.69	708.46	562.22	1285.23	1313.81
5.5.2	Releases to Land Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL Release to Open Environmental	1.84	748.46	3.67	6.18	833.38	701.86	838.89	1456.50
TRI On-Site Disposal of Dioxins									
5.5.1A	Hazardous Waste Landfills	0.00	0.00	729.91	320.57	9209.44	3855.60	9939.35	4176.17
5.5.1B	Other Landfills	512.16	842.00	0.00	0.00	4143.99	0.00	4656.15	842.00
5.4.1/5.4.2	Underground Injection	0.00	0.00	0.00	0.00	83.82	120.60	83.82	120.60
	On-Site Disposal	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	29.02	0.00	0.00	0.00	0.00	0.44	29.02	0.44
M93	Transfers to Recycling	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
M50+	Transfers to Treatment	29.02**	0.00	0.00	0.00	0.00	0.44	29.02	0.44
M72&M79	Transfers to Off-Site Land Disposal	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
Quantities of Dioxin in Waste									
	TOTAL Quantity in Waste	33828.00	13457.00	61738.69	49099.60	96926.00	113244.44	192492.69	175801.04
8.4	Recycled On-Site	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
8.2	Energy Recovery On-Site	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
8.6	Treated On-Site	33828.00	13457.00	61738.69	48779.10	96926.00	113244.00	192492.69	175480.10
8.7	Treated Off-Site	29.02**	0.00	0.00	0.00	0.00	0.44	29.02	0.44
8.8	Recovered via Remediation	0.00	0.00	0.00	320.50	0.00	0.00	0.00	320.50
* This value initially reported to EPA as 512.20. The value presented above is an update and has been reported to EPA.									
** This value initially reported to EPA as 21.77. The value presented above is an update and has been reported to EPA.									
In 2001, Dow experienced an upset in a treatment unit that led to an increase above its 2000 emissions to air and water. The cause was identified and steps undertaken to ensure that this upset would not be repeated. In 2002, Dow's dioxin emissions totaled 8.68 grams (TEQ) – well below its 2000 and 2001 emissions. Since 1995, Dow has achieved a 75 percent reduction in its dioxin emissions, with a commitment to achieve a 90 percent reduction by 2005.									
Dow's 2002 dioxin emissions are reported on its website: http://www.dow.com/environment/dioxin/index.htm									