

Number of Facilities:	195					1998	2004	Change			
	tonnes	Total Reported Releases	tonnes			tonnes	Rank	tonnes	Rank	%	
Total Releases and Transfers 2004:	21,996	On- and Off-site 2004:	16,154			On-site Air Releases	8,270	26	7,384	25	-11
Canada/US Rank:	36	Canada/US Rank:	30			Total Reported Releases On- and Off-site	17,712	29	14,864	30	-16
National Rank:	4	National Rank:	3			Transfers to Recycling	3,049	38	3,241	40	6
						Other Transfers for Further Management	1,423	38	2,471	35	74
Total Transfers to Recycling 2004:	3,287	Total Releases (adjusted) 2004:	15,615			Total Releases and Transfers	22,184	35	20,576	34	-7
Canada/US Rank:	43	Canada/US Rank:	30			Note: Does not include chemicals added since 1998 or chemicals with lowered thresholds such as lead and mercury.					
National Rank:	4	National Rank:	4								

Amounts Reported by Facilities in Alberta, 2004 for:	On-site Releases								Total Reported Releases On- and Off-site					
	Air		Surface Water		Underground Injection		Land		Total On-site Releases		Total Off-site Releases			
	kg	Rank	kg	Rank	kg	Rank	kg	Rank	kg	Rank	kg	Rank		
All Matched Chemicals	8,149,344	24	961,149	33	1,117,210	8	2,689,004	24	12,931,199	28	3,222,849	22	16,154,048	30
Known or Suspected Carcinogens	920,932	26	3,642	35	92,378	5	499,073	23	1,517,316	23	555,702	17	2,073,018	23
Developmental/Reproductive Toxicants (CA Prop. 65)	274,865	31	272	43	198,518	2	210,811	26	685,619	28	297,206	26	982,825	29

Amounts Reported by Facilities with Largest Total Releases On- and Off-site in Alberta, 2004 (All matched chemicals)													
Facility Name	City	Industry	NPRI ID	On-site Releases				Total On-site Releases	Total Off-site Releases	Total Reported Releases On- and Off-site			
				Air	Water	Injection	Land			Releases	Releases	kg	Rank
				kg	kg	kg	kg			kg	kg	kg	Rank
CLEAN HARBORS CANADA, INC.	Ryley	Haz. Waste Mgt.	0000004871	0	0	0	1,211,547	1,211,547	345	1,211,892	240		
EPCOR GENERATION, Genesee Thermal Generating Station	Warburg	Electric Utility	000000267	338,442	60	0	0	338,502	510,042	848,544	356		
Cargill Foods	High River	Food Products	0000005235	0	830,115	0	0	830,115	45	830,160	362		
TRANSALTA UTILITIES, Sundance Generating Facility	Duffield	Electric Utility	0000002284	495,705	61	0	323,146	818,912	4,920	823,832	363		
Alberta Power (2000) Ltd., Sheerness Generating Station	Hanna	Electric Utility	0000001036	260,676	0	0	556,364	817,040	0	817,040	366		

Amounts Reported by Facilities with Largest Transfers to Recycling in Alberta, 2004 (All matched chemicals)											
Facility Name	City	Industry	NPRI ID	Total Releases On- and Off-site		Total Transfers to Recycling		Other Transfers for Further Management		Total Reported Releases and Transfers	
				kg	Rank	kg	Rank	kg	Rank	kg	Rank
				kg	Rank	kg	Rank	kg	Rank	kg	Rank
Newalta Corporation, Raymond Solvent Recycling & Fuel Blending Plant	Raymond	Chemicals	0000004561	95,396	1,783	438,630	463	196,048	406	730,074	861
RAYLO CHEMICALS, Clover Bar Site	Edmonton	Chemicals	0000005245	21,437	4,026	427,772	468	680,065	147	1,129,274	571
CRITERION CATALYSTS & TECHNOLOGIES CANADA	Medicine Hat	Chemicals	0000004650	2,375	9,064	385,890	504	437	4,826	388,702	1,456
Innovene Canada Partnership, Joffre LAO Plant	Red Deer	Chemicals	0000006556	34,105	3,187	337,766	570	0	--	371,871	1,507
Newalta Corporation, Calgary Service Centre	Calgary	Haz. Waste Mgt.	0000006797	578,779	498	292,535	644	125,682	542	996,996	653

Amounts Reported by Industry Sectors with Largest Releases and Transfers in Alberta, 1998-2004												
	Total Releases On- and Off-site			Total Transfers to Recycling			Other Transfers		Total Releases and Transfers			
	1998	2004	% Change	1998	2004	% Change	1998	2004	% Change	1998	2004	% Change
	kg	kg		kg	kg		kg	kg		kg	kg	
Chemicals	6,921	3,267	-53	1,540	2,035	32	1,198	2,291	91	9,659	7,593	-21
Electric Utilities	3,891	3,332	-14	176	209	19	0	0	--	4,067	3,542	-13
Hazardous Waste Mgt./Solvent Recovery	2,982	1,765	-41	63	429	583	192	126	-35	3,237	2,319	-28
Petroleum and Coal Products	379	1,338	253	290	210	-27	1	0	-91	670	1,549	131
Paper Products	1,530	1,493	-2	0	0	--	0	0	--	1,530	1,494	-2

Note: Does not include chemicals added since 1998 or chemicals with lowered thresholds such as lead and mercury

All rankings are for combined Canada and US data unless otherwise specified. Canada and US data only. The data are estimates of releases and transfers of chemicals as reported by facilities and should not be interpreted as levels of human exposure or environmental impact and rankings are not meant to imply that a facility, state or province is not meeting its legal requirements.