British Columbia

TAKING STOCK 2004 North American Pollutant Releases and Transfers

Commission for Environmental Cooperation www.cec.org/takingstock

Number of Facilities:	188		
	tonnes	Total Reported Releases	tonnes
Total Releases and Transfers 2004:	41,791	On- and Off-site 2004:	15,807
Canada/US Rank:	25	Canada/US Rank:	31
National Rank:	3	National Rank:	4
Total Transfers to Recycling 2004:	25,424	Total Releases (adjusted) 2004:	15,723
Canada/US Rank:	16	Canada/US Rank:	29
National Rank:	3	National Rank:	3

	1998		2004		Change
	tonnes	Rank	tonnes	Rank	%
On-site Air Releases	4,893	37	9,488	22	94
Total Reported Releases On- and Off-site	6,359	42	15,134	29	138
Transfers to Recycling	474	49	1,384	46	192
Other Transfers for Further Management	461	44	550	43	19
Total Releases and Transfers	7,294	47	17,068	39	134

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

Amounts Reported by Facilities in British Columbia, 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	kg	Rank
All Matched Chemicals	9,815,758	22	1,543,392	24	0	--	921,614	39	12,293,846	29	3,512,935	21	15,806,781	31
Known or Suspected Carcinogens	1,194,493	19	24,061	12	0	--	5,350	50	1,228,606	27	420,707	24	1,649,313	28
Developmental/Reproductive Toxicants (CA Prop. 65)	284,445	30	2,699	21	0	--	6,245	49	295,366	37	360,982	21	656,347	36

Amounts Reported by Facilities with Largest Total Releases On- and Off-site in British Columbia, 2004 (All matched chemicals)

Facility Name	City	Industry	NPRI ID	On-site Releases: Air	Surface Water	Underground Injection	Land	Total On-site Releases	Total Off-site Releases	Total Reported Releases On- and Off-site	
				kg	kg	kg	kg	kg	kg	kg	Rank
TECK COMINCO, Trail Operations	Trail	Primary Metals	0000003802	151,761	46,271	0	0	198,032	2,736,169	2,934,201	84
West Fraser Mills Ltd., Cariboo Pulp and Paper	Quesnel	Paper Products	0000000479	943,151	183,092	0	21,253	1,147,496	0	1,147,496	255
CANFOR, Prince George Pulp and Paper Mills	Prince George	Paper Products	0000004063	682,389	65,063	0	393,140	1,140,592	0	1,140,592	257
Catalyst Paper, Crofton Division	Crofton	Paper Products	0000001266	857,370	143,048	0	94,246	1,094,664	39,802	1,134,466	258
Alcan Primary Metal	Kitimat	Primary Metals	0000002788	784,001	0	0	0	784,001	191	784,192	375

Amounts Reported by Facilities with Largest Transfers to Recycling in British Columbia, 2004 (All matched chemicals)

Facility Name	City	Industry	TRI 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
K.C. RECYCLING	Trail	Primary Metals	0000007830	51	15,230	24,000,000	1	0	--	24,000,051	3
TREE ISLAND INDUSTRIES LTD.	Richmond	Primary Metals	0000005183	158,874	1,321	601,669	352	0	--	760,543	828
ESCO Limited	Port Coquitlam	Primary Metals	0000000606	22,910	3,891	338,940	565	0	--	361,850	1,547
CLEAN HARBORS INC., Delta Service Centre	Delta	Haz. Waste Mgt.	0000005100	88,197	1,872	104,229	1,415	174,586	438	367,012	1,531
DAVIS WIRE INDUSTRIES LTD	Delta	Primary Metals	0000007977	1,210	10,368	71,910	1,789	0	--	73,120	4,422

Amounts Reported by Industry Sectors with Largest Releases and Transfers in British Columbia, 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
Paper Products	3,944	9,667	145	0	0	--	0	0	--	3,944	9,667	145
Primary Metals	975	3,429	252	78	1,035	1,232	13	0	-100	1,066	4,464	319
Lumber and Wood Products	117	1,041	786	0	0	--	0	25	--	117	1,066	808
Hazardous Waste Mgt./Solvent Recovery	15	72	392	197	98	-50	412	342	-17	624	512	-18
Rubber and Plastics Products	49	435	786	0	0	--	0	1	--	49	436	788

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.