

Review of Dioxins and Furans 1992 to 2006
Wildwood Landfill, Catalyst Paper Powell River
Appendix B

Historical data for dioxans and furans in ash, soil and water								
	Total Dioxans & Furans	Dioxans					Furans	
		Total Dioxan	% of Total D&F	% of Total Toxic	2378 TEQ	2378 % of Total Toxic	% of Total D&F	% of Total Toxic
<u>Precipitator Ash</u>								
<u>1992 (pg/g)</u>								
Sample A	2437000	2227000	91	59	160	0.01	9	41
Sample B	2900000	2449000	84	51	320	0.01	16	49
<u>Grate Ash 1992</u>								
pg/g	306	258	84	58	< 2	0.62	16	43
<u>Soils 1992 (pg/g)</u>								
AH1 (upper corner)	ND							
AH2 (landfill centre)								
Sample 1	6090	6060	99.5	98		2	0	2
Sample 2	8800	8470	96	94		2	4	6
AH3 (slope to lake)								
Sample 1	24	24	100	63				
Sample 2	21	21	100	41				
Vegetation	17.7	17.7	100					
<u>Water (pg/l)</u>								
AH2 (landfill centre) 1992	2860	2670	93	93		3	3	8
AH3 (slope to lake)								
1992 Sample 1	3900	2790	72	87		2	28	13
1992 Sample 2	355	355	100					
1993 Sample 1	220	190	86				14	
1993 Sample 2	1800	1450	81				19	
<u>Eastern Toe</u>								
Well 89-5 1992	12980	9870	76				24	
Well 89-5 1992	721000	719000	100					
Well 89-5 1993	3530000	2410000	68				32	
Well 89-5 1994	583000	440000	75				25	
Well 89-4 1994	5700	4100	72				28	
Well 89-4 1995	43000	26000	60				40	
<u>Western Toe</u>								
Well 89-3 1992	20000	19300	97					
Well 89-3 1995	66000	60400	92					
Well 89-2 1994	25000	23000	91					

In this table the 1992 data is from the Ministry of Environment.