

APPENDIX C

Biedermann Packaging - Douse Water, from Fire, Runoff to Storm Sewer, and Spencer Creek/Cootes Paradise
Surface Water Quality Data
Substances detected in surface water

Station ID	Date	Sample Description of Location	Malathion	Diazinon	Carbaryl	As	Se	Sb	Hardness	COND	
			units	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µs/cm
			MDL	0.5	0.2	200	0.0005	0.0005	0.0005		
			PWQO	0.1	0.08		0.1	0.1	0.02		
	26-Jul-07	Head St storm sewer cover, Dundas	150	380	3.6	na	na	na	na	na	
	26-Jul-07	Mill Street outfall to Spencer Creek	160	720	290	na	na	na	na	na	
	26-Jul-07	North building, Biederman Packaging	34	1900	53	na	na	na	na	na	
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	**0.0005	na	1370	
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.5	*0.32	**200	*0.0015	**0.0005	*0.001	na	1370	
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.5	*1.3	**200	**0.0005	**0.0005	**0.0005	na	1150	
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	2.6	**200	*0.0015	**0.0005	**0.0005	na	872	
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)	1.2	35	**200	na	na	na	na	na	
CP01	27-Jul-07	Cootes Paradise	3.8	94	**200	na	na	na	na	na	
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	**0.0005	580	1400	
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	**0.0005	**0.0005	**0.0005	574	1400	
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	**0.0005	**0.0005	**0.0005	421	1070	
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	*0.40	**200	*0.001	**0.0005	**0.0005	352	938	
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.46	**200	*0.001	**0.0005	**0.0005	503	1260	
CP01	30-Jul-07	Cootes Paradise	**0.5	*0.56	**200	*0.001	**0.0005	*0.0010	359	1100	
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.29	**200	0.0025	**0.0005	**0.0005	287	881	
CP01	02-Aug-07	Cootes Paradise	**0.5	*0.37	**200	0.003	**0.0005	**0.0005	184	752	
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.5	*0.43	**200	0.0025	**0.0005	**0.0005	206	731	
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.5	*0.47	**200	0.003	**0.0005	**0.0005	218	777	
HAM1	02-Aug-07	Hamilton Harbour	**0.5	**0.2	**200	0.001	**0.0005	**0.0005	169	617	
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.5	**0.2	**200	*0.0015	**0.0005	**0.0005	165	628	
SC1	21-Sep-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	nm	nm	nm	nm	nm	
SC2	21-Sep-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	nm	nm	nm	nm	nm	
SC4	21-Sep-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	nm	nm	nm	nm	nm	
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	**0.5	**0.2	**200	nm	nm	nm	nm	nm	
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	**0.2	**200	nm	nm	nm	nm	nm	
CP01	21-Sep-07	Cootes Paradise	**0.5	**0.2	**200	nm	nm	nm	nm	nm	

Notes:

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- <MDL indicates the concentration was below the quantifiable limit.
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- The unit 'mg/L' is defined as a measure of the concentration of the dissolved substance. A concentration of a mg/L means that one milligram of a substance is dissolved in each litre of water. This unit is equal to an A concentration of a ug/L means that one microgram of a substance is dissolved in each litre of water. This unit is equal to and can be expressed as 'parts per billion' (ppb), which means that one microgram is a billion times smaller than one litre.
- No Rotenone was found in house water samples. Analysis is presence/absence not qualitative

Biedermann Packaging - Douse Water, from Fire, Runoff to Storm Sewer, and Spencer Creek/Cootes Paradise
Surface Water Quality Data
Substances detected in surface water

Station ID	Date	Sample Description of Location	Malathion	Diazinon	Carbaryl	As	Se	pH	Alkalinity	Ammonia (total)	
			units	µg/L	µg/L	µg/L	mg/L		mg/L	mg/L CaCO ₃	mg/L
			MDL	0.5	0.2	200	0.0005		0.0005		
			PWQO	0.1	0.08		0.1		0.1	6.5-8.5	
	26-Jul-07	Head St storm sewer cover, Dundas	150	380	3.6	na	na	na	na	na	
	26-Jul-07	Mill Street outfall to Spencer Creek	160	720	290	na	na	na	na	na	
	26-Jul-07	North building, Biederman Packaging	34	1900	53	na	na	na	na	na	
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	8.49	168	**0.002	
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.5	*0.32	**200	*0.0015	**0.0005	8.51	170	**0.002	
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.5	*1.3	**200	**0.0005	**0.0005	8.58	211	*0.003	
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	2.6	**200	*0.0015	**0.0005	8.6	226	0.018	
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)	1.2	35	**200	na	na	na	na	na	
CP01	27-Jul-07	Cootes Paradise	3.8	94	**200	na	na	na	na	na	
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	8.49	167	**0.002	
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	**0.0005	**0.0005	8.48	167	**0.002	
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	**0.0005	**0.0005	8.63	209	**0.002	
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	*0.40	**200	*0.001	**0.0005	8.71	202	**0.002	
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.46	**200	*0.001	**0.0005	8.38	177	0.048	
CP01	30-Jul-07	Cootes Paradise	**0.5	*0.56	**200	*0.001	**0.0005	8.71	113	**0.002	
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.29	**200	0.0025	**0.0005	8.51	197	0.052	
CP01	02-Aug-07	Cootes Paradise	**0.5	*0.37	**200	0.003	**0.0005	8.12	85.8	**0.002	
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.5	*0.43	**200	0.0025	**0.0005	8.19	108	*0.006	
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.5	*0.47	**200	0.003	**0.0005	8.12	112	*0.006	
HAM1	02-Aug-07	Hamilton Harbour	**0.5	**0.2	**200	0.001	**0.0005	8.45	108	**0.002	
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.5	**0.2	**200	*0.0015	**0.0005	8.28	102	**0.002	
SC1	21-Sep-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	nm	nm	nm	nm	nm	
SC2	21-Sep-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	nm	nm	nm	nm	nm	
SC4	21-Sep-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	nm	nm	nm	nm	nm	
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	**0.5	**0.2	**200	nm	nm	nm	nm	nm	
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	**0.2	**200	nm	nm	nm	nm	nm	
CP01	21-Sep-07	Cootes Paradise	**0.5	**0.2	**200	nm	nm	nm	nm	nm	

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- No Rotenone was found in house water samples. Analysis is presence/absence not qualitative

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Station ID	Date	Sample Description of Location	Malathion units MDL PWQO	Diazinon µg/L	Carbaryl µg/L	As mg/L	Se mg/L	Nitrite mg/L	Nitrate + Nitrite mg/L	Nitrate mg/L
			0.5	0.2	200	0.0005	0.0005			
			0.1	0.08		0.1	0.1			2.97
	26-Jul-07	Head St storm sewer cover, Dundas	150	380	3.6	na	na	na	na	na
	26-Jul-07	Mill Street outfall to Spencer Creek	160	720	290	na	na	na	na	na
	26-Jul-07	North building, Biederman Packaging	34	1900	53	na	na	na	na	na
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	0.009	1.14	1.131
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.5	*0.32	**200	*0.0015	**0.0005	0.009	1.12	1.111
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.5	*1.3	**200	**0.0005	**0.0005	0.006	0.886	0.88
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	2.6	**200	*0.0015	**0.0005	0.006	0.652	0.646
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)	1.2	35	**200	na	na	na	na	na
CP01	27-Jul-07	Cootes Paradise	3.8	94	**200	na	na	na	na	na
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	0.007	1.13	1.123
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	**0.0005	**0.0005	0.007	1.12	1.113
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	**0.0005	**0.0005	0.006	0.809	0.803
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	*0.40	**200	*0.001	**0.0005	0.007	0.688	0.681
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.46	**200	*0.001	**0.0005	0.017	0.818	0.801
CP01	30-Jul-07	Cootes Paradise	**0.5	*0.56	**200	*0.001	**0.0005	0.091	4.06	3.969
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.29	**200	0.0025	**0.0005	0.048	1.83	1.782
CP01	02-Aug-07	Cootes Paradise	**0.5	*0.37	**200	0.003	**0.0005	0.092	1.22	1.128
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.5	*0.43	**200	0.0025	**0.0005	0.026	0.253	0.227
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.5	*0.47	**200	0.003	**0.0005	0.01	0.037	0.027
HAM1	02-Aug-07	Hamilton Harbour	**0.5	**0.2	**200	0.001	**0.0005	0.056	1.83	1.774
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.5	**0.2	**200	*0.0015	**0.0005	0.053	1.23	1.177
SC1	21-Sep-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	nm	nm	nm	nm	nm
SC2	21-Sep-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	nm	nm	nm	nm	nm
SC4	21-Sep-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	nm	nm	nm	nm	nm
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	**0.5	**0.2	**200	nm	nm	nm	nm	nm
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	**0.2	**200	nm	nm	nm	nm	nm
CP01	21-Sep-07	Cootes Paradise	**0.5	**0.2	**200	nm	nm	nm	nm	nm

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Station ID	Date	Sample Description of Location	Malathion	Diazinon	Carbaryl	As	Se	TKN	TP	TSS	COD		
			units	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
			MDL	0.5	0.2	200	0.0005	0.0005					
			PWQO	0.1	0.08		0.1	0.1		0.03			
	26-Jul-07	Head St storm sewer cover, Dundas	150	380	3.6	na	na	na	na	na	na		
	26-Jul-07	Mill Street outfall to Spencer Creek	160	720	290	na	na	na	na	na	na		
	26-Jul-07	North building, Biederman Packaging	34	1900	53	na	na	na	na	na	na		
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	0.41	0.04	10.5	8		
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.5	*0.32	**200	*0.0015	**0.0005	0.42	0.042	10.5	7		
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.5	*1.3	**200	**0.0005	**0.0005	0.76	0.085	29.4	10		
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	2.6	**200	*0.0015	**0.0005	0.77	0.076	22	11		
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)	1.2	35	**200	na	na	na	na	na	na		
CP01	27-Jul-07	Cootes Paradise	3.8	94	**200	na	na	na	na	na	na		
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	0.41	0.037	8.3	7		
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	**0.0005	**0.0005	0.41	0.036	7.2	8		
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	**0.0005	**0.0005	0.58	0.052	9.5	9		
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	*0.40	**200	*0.001	**0.0005	0.69	0.069	25.2	9		
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.46	**200	*0.001	**0.0005	0.74	0.085	32.1	11		
CP01	30-Jul-07	Cootes Paradise	**0.5	*0.56	**200	*0.001	**0.0005	0.61	0.059	20.3	12		
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.29	**200	0.0025	**0.0005	1.42	0.118	38.1	18		
CP01	02-Aug-07	Cootes Paradise	**0.5	*0.37	**200	0.003	**0.0005	2.91	0.528	64	25		
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.5	*0.43	**200	0.0025	**0.0005	1.85	0.202	45.3	30		
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.5	*0.47	**200	0.003	**0.0005	1.3	0.158	41.8	40		
HAM1	02-Aug-07	Hamilton Harbour	**0.5	**0.2	**200	0.001	**0.0005	0.35	0.036	8.9	5		
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.5	**0.2	**200	*0.0015	**0.0005	1.39	0.148	27.3	24		
SC1	21-Sep-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		
SC2	21-Sep-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		
SC4	21-Sep-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		
CP01	21-Sep-07	Cootes Paradise	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		

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Substances detected in surface water

Station ID	Date	Sample Description of Location	Malathion	Diazinon	Carbaryl	As	Se	Sulphate	Al	Ba	Be	
			units	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
			MDL	0.5	0.2	200	0.0005	0.0005				
			PWQO	0.1	0.08		0.1	0.1	75		1100	
	26-Jul-07	Head St storm sewer cover, Dundas		150	380	3.6	na	na	na	na	na	
	26-Jul-07	Mill Street outfall to Spencer Creek		160	720	290	na	na	na	na	na	
	26-Jul-07	North building, Biederman Packaging		34	1900	53	na	na	na	na	na	
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	374	56.7	87.5	-0.136	
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.5	*0.32	**200	*0.0015	**0.0005	365	44.4	96.3	-0.186	
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.5	*1.3	**200	**0.0005	**0.0005	233	75.9	81.3	-0.0561	
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	2.6	**200	*0.0015	**0.0005	79.9	91.1	51.5	-0.0159	
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)		1.2	35	**200	na	na	na	30.6	86.5	-0.0614
CP01	27-Jul-07	Cootes Paradise		3.8	94	**200	na	na	na	154	42.5	-0.0245
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	376	12	84	-0.217	
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	**0.0005	**0.0005	385	30.8	91.3	-0.205	
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	**0.0005	**0.0005	218	38	64.3	-0.0646	
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	*0.40	**200	*0.001	**0.0005	127	51.8	51.1	-0.0646	
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.46	**200	*0.001	**0.0005	218	148	89.6	-0.111	
CP01	30-Jul-07	Cootes Paradise	**0.5	*0.56	**200	*0.001	**0.0005	295	196	54.7	0.0572	
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.29	**200	0.0025	**0.0005	69.69	268	72.3	-0.0193	
CP01	02-Aug-07	Cootes Paradise	**0.5	*0.37	**200	0.003	**0.0005	76.7	268	159	-0.0142	
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.5	*0.43	**200	0.0025	**0.0005	83.2	258	59.4	-0.0207	
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.5	*0.47	**200	0.003	**0.0005	92.3	236	65	-0.022	
HAM1	02-Aug-07	Hamilton Harbour	**0.5	**0.2	**200	0.001	**0.0005	52.7	56	35.7	-0.0299	
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.5	**0.2	**200	*0.0015	**0.0005	55.7	108	42.7	-0.0282	
SC1	21-Sep-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm	
SC2	21-Sep-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm	
SC4	21-Sep-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm	
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm	
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm	
CP01	21-Sep-07	Cootes Paradise	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm	

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Biedermann Packaging - Douse Water, from Fire, Runoff to Storm Sewer, and Spencer Creek/Cootes Paradise
Surface Water Quality Data
Substances detected in surface water

Station ID	Date	Sample Description of Location	Malathion	Diazinon	Carbaryl	As	Se	Ca	Cd	Co	Cr		
			units	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	
			MDL	0.5	0.2	200	0.0005	0.0005					
			PWQO	0.1	0.08		0.1	0.1		0.5	0.9	8.9	
	26-Jul-07	Head St storm sewer cover, Dundas	150	380	3.6	na	na	na	na	na	na		
	26-Jul-07	Mill Street outfall to Spencer Creek	160	720	290	na	na	na	na	na	na		
	26-Jul-07	North building, Biederman Packaging	34	1900	53	na	na	na	na	na	na		
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	123	2.34	-0.857	-1.51		
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.5	*0.32	**200	*0.0015	**0.0005	123	3.38	-0.601	1.43		
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.5	*1.3	**200	**0.0005	**0.0005	101	1.53	1.19	-0.0157		
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	2.6	**200	*0.0015	**0.0005	73.7	0.512	1.12	-0.00117		
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)	1.2	35	**200	na	na	99	1.12	0.141	0.481		
CP01	27-Jul-07	Cootes Paradise	3.8	94	**200	na	na	62.6	0.408	0.768	0.247		
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	121	3.9	2.06	-3.72		
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	**0.0005	**0.0005	126	4.58	0.0634	-1.85		
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	**0.0005	**0.0005	92.1	1.62	0.761	0.52		
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	*0.40	**200	*0.001	**0.0005	77.1	2.16	0.414	-0.404		
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.46	**200	*0.001	**0.0005	110	1.31	0.0994	-1.61		
CP01	30-Jul-07	Cootes Paradise	**0.5	*0.56	**200	*0.001	**0.0005	84.9	1.65	0.169	-0.0693		
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.29	**200	0.0025	**0.0005	68.5	0.69	0.132	3.31		
CP01	02-Aug-07	Cootes Paradise	**0.5	*0.37	**200	0.003	**0.0005	47.9	1.04	0.704	0.312		
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.5	*0.43	**200	0.0025	**0.0005	48.4	0.531	0.0131	0.708		
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.5	*0.47	**200	0.003	**0.0005	49.5	1.03	0.197	0.0621		
HAM1	02-Aug-07	Hamilton Harbour	**0.5	**0.2	**200	0.001	**0.0005	42.8	0.85	0.348	-0.049		
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.5	**0.2	**200	*0.0015	**0.0005	42.1	0.786	0.564	-0.216		
SC1	21-Sep-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		
SC2	21-Sep-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		
SC4	21-Sep-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		
CP01	21-Sep-07	Cootes Paradise	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		

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Biedermann Packaging - Douse Water, from Fire, Runoff to Storm Sewer, and Spencer Creek/Cootes Paradise
Surface Water Quality Data
Substances detected in surface water

Station ID	Date	Sample Description of Location	Malathion	Diazinon	Carbaryl	As	Se	Cu	Fe	Mg	Mn		
			units	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	mg/L	µg/L	
			MDL	0.5	0.2	200	0.0005	0.0005					
			PWQO	0.1	0.08		0.1	0.1	5	300			
	26-Jul-07	Head St storm sewer cover, Dundas	150	380	3.6	na	na	na	na	na	na		
	26-Jul-07	Mill Street outfall to Spencer Creek	160	720	290	na	na	na	na	na	na		
	26-Jul-07	North building, Biederman Packaging	34	1900	53	na	na	na	na	na	na		
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	1.44	85.4	55.8	43.6		
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.5	*0.32	**200	*0.0015	**0.0005	5.5	80.2	55.7	44.9		
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.5	*1.3	**200	**0.0005	**0.0005	24.7	132	41.6	72.9		
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	2.6	**200	*0.0015	**0.0005	25.6	180	29.3	77.5		
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)	1.2	35	**200	na	na	32.9	126	40.2	87.6		
CP01	27-Jul-07	Cootes Paradise	3.8	94	**200	na	na	28.5	350	28.3	94.7		
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	4.17	38.8	54.5	20.1		
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	**0.0005	**0.0005	5.22	58.6	56.6	34.2		
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	**0.0005	**0.0005	7.08	69.5	40.4	39.8		
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	*0.40	**200	*0.001	**0.0005	9.11	104	33.9	46.4		
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.46	**200	*0.001	**0.0005	4.56	303	48.1	91.2		
CP01	30-Jul-07	Cootes Paradise	**0.5	*0.56	**200	*0.001	**0.0005	4.34	321	37.5	85.6		
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.29	**200	0.0025	**0.0005	4.87	653	26	118		
CP01	02-Aug-07	Cootes Paradise	**0.5	*0.37	**200	0.003	**0.0005	3.35	753	25.7	189		
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.5	*0.43	**200	0.0025	**0.0005	2.44	840	19.6	249		
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.5	*0.47	**200	0.003	**0.0005	2.44	802	20.5	291		
HAM1	02-Aug-07	Hamilton Harbour	**0.5	**0.2	**200	0.001	**0.0005	1.69	140	13.3	56.9		
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.5	**0.2	**200	*0.0015	**0.0005	1.93	296	14.4	127		
SC1	21-Sep-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		
SC2	21-Sep-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		
SC4	21-Sep-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		
CP01	21-Sep-07	Cootes Paradise	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		

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Biedermann Packaging - Douse Water, from Fire, Runoff to Storm Sewer, and Spencer Creek/Cootes Paradise
Surface Water Quality Data
Substances detected in surface water

Station ID	Date	Sample Description of Location	Malathion	Diazinon	Carbaryl	As	Se	Mo	Ni	Pb	Sr		
			units	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	
			MDL	0.5	0.2	200	0.0005	0.0005					
			PWQO	0.1	0.08		0.1	0.1	40	25	5		
	26-Jul-07	Head St storm sewer cover, Dundas	150	380	3.6	na	na	na	na	na	na		
	26-Jul-07	Mill Street outfall to Spencer Creek	160	720	290	na	na	na	na	na	na		
	26-Jul-07	North building, Biederman Packaging	34	1900	53	na	na	na	na	na	na		
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	41.9	3.6	11.9	7530		
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.5	*0.32	**200	*0.0015	**0.0005	38.8	4.02	5.82	7370		
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.5	*1.3	**200	**0.0005	**0.0005	16.9	2.17	8.6	3590		
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	2.6	**200	*0.0015	**0.0005	4.54	1.4	3.25	1610		
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)	1.2	35	**200	na	na	21	1.2	1.68	3730		
CP01	27-Jul-07	Cootes Paradise	3.8	94	**200	na	na	8.9	2.44	0.545	1720		
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	33.9	4.36	3.79	7260		
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	**0.0005	**0.0005	40.1	1.42	14.8	7460		
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	**0.0005	**0.0005	16.6	2.7	3.95	3400		
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	*0.40	**200	*0.001	**0.0005	10.7	2.67	1.28	2710		
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.46	**200	*0.001	**0.0005	26.7	3.05	0.882	5650		
CP01	30-Jul-07	Cootes Paradise	**0.5	*0.56	**200	*0.001	**0.0005	19.1	2.09	11.6	3800		
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.29	**200	0.0025	**0.0005	2.63	1.78	-2.23	1170		
CP01	02-Aug-07	Cootes Paradise	**0.5	*0.37	**200	0.003	**0.0005	1.13	2.72	-0.0771	1320		
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.5	*0.43	**200	0.0025	**0.0005	5.1	2.39	1.81	902		
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.5	*0.47	**200	0.003	**0.0005	5.42	1.99	2.33	1040		
HAM1	02-Aug-07	Hamilton Harbour	**0.5	**0.2	**200	0.001	**0.0005	4.13	1.74	-0.793	461		
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.5	**0.2	**200	*0.0015	**0.0005	4.03	1.67	0.704	504		
SC1	21-Sep-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		
SC2	21-Sep-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		
SC4	21-Sep-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		
CP01	21-Sep-07	Cootes Paradise	**0.5	**0.2	**200	nm	nm	nm	nm	nm	nm		

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Biedermann Packaging - Douse Water, from Fire, Runoff to Storm Sewer, and Spencer Creek/Cootes Paradise
Surface Water Quality Data
Substances detected in surface water

Station ID	Date	Sample Description of Location	Malathion units MDL PWQO	Diazinon µg/L	Carbaryl µg/L	As mg/L	Se mg/L	Ti µg/L	Vn µg/L	Zn µg/L
			0.5	0.2	200	0.0005	0.0005			
			0.1	0.08		0.1	0.1		6	20
	26-Jul-07	Head St storm sewer cover, Dundas		150	380	3.6	na	na	na	na
	26-Jul-07	Mill Street outfall to Spencer Creek		160	720	290	na	na	na	na
	26-Jul-07	North building, Biederman Packaging		34	1900	53	na	na	na	na
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	2.36	4.42	31.7
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.5	*0.32	**200	*0.0015	**0.0005	2.26	4.39	38
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.5	*1.3	**200	**0.0005	**0.0005	1.7	3.62	26.6
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	2.6	**200	*0.0015	**0.0005	2.08	1.32	12.5
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)		1.2	35	**200	na	na	1.01	1.36
CP01	27-Jul-07	Cootes Paradise		3.8	94	**200	na	na	5.05	1.41
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	1.89	-1.84	32.7
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	**0.0005	**0.0005	2.6	7.85	35.5
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	**0.0005	**0.0005	1.41	3.67	14.2
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	*0.40	**200	*0.001	**0.0005	1.84	3.85	11.3
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.46	**200	*0.001	**0.0005	5.19	1.53	13.5
CP01	30-Jul-07	Cootes Paradise	**0.5	*0.56	**200	*0.001	**0.0005	6.58	3.21	8.22
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.29	**200	0.0025	**0.0005	5.29	1.56	10.8
CP01	02-Aug-07	Cootes Paradise	**0.5	*0.37	**200	0.003	**0.0005	4.4	2.11	9.45
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.5	*0.43	**200	0.0025	**0.0005	6.21	2.77	9.82
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.5	*0.47	**200	0.003	**0.0005	6.07	2.99	16.3
HAM1	02-Aug-07	Hamilton Harbour	**0.5	**0.2	**200	0.001	**0.0005	1.63	1.6	10
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.5	**0.2	**200	*0.0015	**0.0005	2.3	0.658	4.63
SC1	21-Sep-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	nm	nm	nm	nm	nm
SC2	21-Sep-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	nm	nm	nm	nm	nm
SC4	21-Sep-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	nm	nm	nm	nm	nm
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	**0.5	**0.2	**200	nm	nm	nm	nm	nm
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	**0.2	**200	nm	nm	nm	nm	nm
CP01	21-Sep-07	Cootes Paradise	**0.5	**0.2	**200	nm	nm	nm	nm	nm

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Surface Water Quality Data
Substances detected in surface water

Station ID	Date	Sample Description of Location	Malathion	Diazinon	Carbaryl	As	Se	Malathion	Diazinon	
			units	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L
			MDL	0.5	0.2	200	0.0005	0.0005	0.5	0.2
			PWQO	0.1	0.08		0.1	0.1	0.1	0.08
	26-Jul-07	Head St storm sewer cover, Dundas	150	380	3.6	na	na	150	380	
	26-Jul-07	Mill Street outfall to Spencer Creek	160	720	290	na	na	160	720	
	26-Jul-07	North building, Biederman Packaging	34	1900	53	na	na	34	1900	
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	**0.5	**0.2	
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.5	*0.32	**200	*0.0015	**0.0005	**0.5	*0.32	
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.5	*1.3	**200	**0.0005	**0.0005	**0.5	*1.3	
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	2.6	**200	*0.0015	**0.0005	**0.5	2.6	
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)	1.2	35	**200	na	na	1.2	35	
CP01	27-Jul-07	Cootes Paradise	3.8	94	**200	na	na	3.8	94	
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	**0.5	**0.2	
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	**0.0005	**0.0005	**0.5	**0.2	
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	**0.0005	**0.0005	**0.5	**0.2	
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	*0.40	**200	*0.001	**0.0005	**0.5	*0.40	
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.46	**200	*0.001	**0.0005	**0.5	*0.46	
CP01	30-Jul-07	Cootes Paradise	**0.5	*0.56	**200	*0.001	**0.0005	**0.5	*0.56	
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.29	**200	0.0025	**0.0005	**0.5	*0.29	
CP01	02-Aug-07	Cootes Paradise	**0.5	*0.37	**200	0.003	**0.0005	**0.5	*0.37	
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.5	*0.43	**200	0.0025	**0.0005	**0.5	*0.43	
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.5	*0.47	**200	0.003	**0.0005	**0.5	*0.47	
HAM1	02-Aug-07	Hamilton Harbour	**0.5	**0.2	**200	0.001	**0.0005	**0.5	**0.2	
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.5	**0.2	**200	*0.0015	**0.0005	**0.5	**0.2	
SC1	21-Sep-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	nm	nm	nm	nm	
SC2	21-Sep-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	nm	nm	nm	nm	
SC4	21-Sep-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	nm	nm	nm	nm	
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	**0.5	**0.2	**200	nm	nm	nm	nm	
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	**0.2	**200	nm	nm	nm	nm	
CP01	21-Sep-07	Cootes Paradise	**0.5	**0.2	**200	nm	nm	nm	nm	

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Biedermann Packaging - Douse Water, from Fire, Runoff to Storm Sewer, and Spencer Creek/Cootes Paradise
Surface Water Quality Data
Substances detected in surface water

Station ID	Date	Sample Description of Location	Malathion	Diazinon	Carbaryl	As	Se	Carbaryl	-2-ethylphthalate	
			units	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L
			MDL	0.5	0.2	200	0.0005	0.0005	200	1
			PWQO	0.1	0.08		0.1	0.1		
	26-Jul-07	Head St storm sewer cover, Dundas	150	380	3.6	na	na	3.6	**1	
	26-Jul-07	Mill Street outfall to Spencer Creek	160	720	290	na	na	290	**1	
	26-Jul-07	North building, Biederman Packaging	34	1900	53	na	na	53	**1	
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	**200	**1	
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.5	*0.32	**200	*0.0015	**0.0005	**200	**1	
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.5	*1.3	**200	**0.0005	**0.0005	**200	14	
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	2.6	**200	*0.0015	**0.0005	**200	**1	
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)	1.2	35	**200	na	na	**200	**1	
CP01	27-Jul-07	Cootes Paradise	3.8	94	**200	na	na	**200	**1	
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	**200	**1	
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	**0.0005	**0.0005	**200	**1	
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	**0.0005	**0.0005	**200	**1	
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	*0.40	**200	*0.001	**0.0005	**200	**1	
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.46	**200	*0.001	**0.0005	**200	**1	
CP01	30-Jul-07	Cootes Paradise	**0.5	*0.56	**200	*0.001	**0.0005	**200	**1	
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.29	**200	0.0025	**0.0005	**200	**1	
CP01	02-Aug-07	Cootes Paradise	**0.5	*0.37	**200	0.003	**0.0005	**200	**1	
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.5	*0.43	**200	0.0025	**0.0005	**200	**1	
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.5	*0.47	**200	0.003	**0.0005	**200	**1	
HAM1	02-Aug-07	Hamilton Harbour	**0.5	**0.2	**200	0.001	**0.0005	**200	**1	
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.5	**0.2	**200	*0.0015	**0.0005	**200	**1	
SC1	21-Sep-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	nm	nm	nm	nm	
SC2	21-Sep-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	nm	nm	nm	nm	
SC4	21-Sep-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	nm	nm	nm	nm	
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	**0.5	**0.2	**200	nm	nm	nm	nm	
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	**0.2	**200	nm	nm	nm	nm	
CP01	21-Sep-07	Cootes Paradise	**0.5	**0.2	**200	nm	nm	nm	nm	

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Surface Water Quality Data
Substances detected in surface water**

Station ID	Date	Sample Description of Location	Malathion	Diazinon	Carbaryl	As	Se	
			units	µg/L	µg/L	µg/L	mg/L	mg/L
			MDL	0.5	0.2	200	0.0005	0.0005
			PWQO	0.1	0.08		0.1	0.1
	26-Jul-07	Head St storm sewer cover, Dundas		150	380	3.6	na	na
	26-Jul-07	Mill Street outfall to Spencer Creek		160	720	290	na	na
	26-Jul-07	North building, Biederman Packaging		34	1900	53	na	na
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.5	*0.32	**200	*0.0015	**0.0005	
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.5	*1.3	**200	**0.0005	**0.0005	
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	2.6	**200	*0.0015	**0.0005	
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)		1.2	35	**200	na	na
CP01	27-Jul-07	Cootes Paradise		3.8	94	**200	na	na
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	**0.0005	**0.0005	
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	**0.0005	**0.0005	
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	*0.40	**200	*0.001	**0.0005	
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.46	**200	*0.001	**0.0005	
CP01	30-Jul-07	Cootes Paradise	**0.5	*0.56	**200	*0.001	**0.0005	
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.29	**200	0.0025	**0.0005	
CP01	02-Aug-07	Cootes Paradise	**0.5	*0.37	**200	0.003	**0.0005	
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.5	*0.43	**200	0.0025	**0.0005	
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.5	*0.47	**200	0.003	**0.0005	
HAM1	02-Aug-07	Hamilton Harbour	**0.5	**0.2	**200	0.001	**0.0005	
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.5	**0.2	**200	*0.0015	**0.0005	
SC1	21-Sep-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	nm	nm	
SC2	21-Sep-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	nm	nm	
SC4	21-Sep-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	nm	nm	
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	**0.5	**0.2	**200	nm	nm	
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	**0.2	**200	nm	nm	
CP01	21-Sep-07	Cootes Paradise	**0.5	**0.2	**200	nm	nm	

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Surface Water Quality Data
Substances detected in surface water

Station ID	Date	Sample Description of Location	Malathion	Diazinon	Carbaryl	As	Se	
			units	µg/L	µg/L	µg/L	mg/L	mg/L
			MDL	0.5	0.2	200	0.0005	0.0005
			PWQO	0.1	0.08		0.1	0.1
	26-Jul-07	Head St storm sewer cover, Dundas		150	380	3.6	na	na
	26-Jul-07	Mill Street outfall to Spencer Creek		160	720	290	na	na
	26-Jul-07	North building, Biederman Packaging		34	1900	53	na	na
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.5	*0.32	**200	*0.0015	**0.0005	
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.5	*1.3	**200	**0.0005	**0.0005	
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	2.6	**200	*0.0015	**0.0005	
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)		1.2	35	**200	na	na
CP01	27-Jul-07	Cootes Paradise		3.8	94	**200	na	na
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	**0.0005	**0.0005	
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	**0.0005	**0.0005	
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	*0.40	**200	*0.001	**0.0005	
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.46	**200	*0.001	**0.0005	
CP01	30-Jul-07	Cootes Paradise	**0.5	*0.56	**200	*0.001	**0.0005	
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.29	**200	0.0025	**0.0005	
CP01	02-Aug-07	Cootes Paradise	**0.5	*0.37	**200	0.003	**0.0005	
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.5	*0.43	**200	0.0025	**0.0005	
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.5	*0.47	**200	0.003	**0.0005	
HAM1	02-Aug-07	Hamilton Harbour	**0.5	**0.2	**200	0.001	**0.0005	
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.5	**0.2	**200	*0.0015	**0.0005	
SC1	21-Sep-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	nm	nm	
SC2	21-Sep-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	nm	nm	
SC4	21-Sep-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	nm	nm	
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	**0.5	**0.2	**200	nm	nm	
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	**0.2	**200	nm	nm	
CP01	21-Sep-07	Cootes Paradise	**0.5	**0.2	**200	nm	nm	

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			units	µg/L	µg/L	µg/L	mg/L	mg/L
			MDL	0.5	0.2	200	0.0005	0.0005
			PWQO	0.1	0.08		0.1	0.1
	26-Jul-07	Head St storm sewer cover, Dundas		150	380	3.6	na	na
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SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.5	*0.32	**200	*0.0015	**0.0005	
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.5	*1.3	**200	**0.0005	**0.0005	
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	2.6	**200	*0.0015	**0.0005	
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)		1.2	35	**200	na	na
CP01	27-Jul-07	Cootes Paradise		3.8	94	**200	na	na
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	
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SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	*0.40	**200	*0.001	**0.0005	
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.46	**200	*0.001	**0.0005	
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SC1	21-Sep-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	nm	nm	
SC2	21-Sep-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	nm	nm	
SC4	21-Sep-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	nm	nm	
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	**0.5	**0.2	**200	nm	nm	
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	**0.2	**200	nm	nm	
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			units	µg/L	µg/L	µg/L	mg/L	mg/L
			MDL	0.5	0.2	200	0.0005	0.0005
			PWQO	0.1	0.08		0.1	0.1
	26-Jul-07	Head St storm sewer cover, Dundas		150	380	3.6	na	na
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SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	2.6	**200	*0.0015	**0.0005	
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)		1.2	35	**200	na	na
CP01	27-Jul-07	Cootes Paradise		3.8	94	**200	na	na
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	
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SC4	21-Sep-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	nm	nm	
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	**0.5	**0.2	**200	nm	nm	
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	26-Jul-07	North building, Biederman Packaging		34	1900	53	na	na
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.5	*0.32	**200	*0.0015	**0.0005	
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.5	*1.3	**200	**0.0005	**0.0005	
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	2.6	**200	*0.0015	**0.0005	
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)		1.2	35	**200	na	na
CP01	27-Jul-07	Cootes Paradise		3.8	94	**200	na	na
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	**0.0005	**0.0005	
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	**0.0005	**0.0005	
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	*0.40	**200	*0.001	**0.0005	
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.46	**200	*0.001	**0.0005	
CP01	30-Jul-07	Cootes Paradise	**0.5	*0.56	**200	*0.001	**0.0005	
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.29	**200	0.0025	**0.0005	
CP01	02-Aug-07	Cootes Paradise	**0.5	*0.37	**200	0.003	**0.0005	
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.5	*0.43	**200	0.0025	**0.0005	
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.5	*0.47	**200	0.003	**0.0005	
HAM1	02-Aug-07	Hamilton Harbour	**0.5	**0.2	**200	0.001	**0.0005	
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.5	**0.2	**200	*0.0015	**0.0005	
SC1	21-Sep-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	nm	nm	
SC2	21-Sep-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	nm	nm	
SC4	21-Sep-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	nm	nm	
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	**0.5	**0.2	**200	nm	nm	
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	**0.2	**200	nm	nm	
CP01	21-Sep-07	Cootes Paradise	**0.5	**0.2	**200	nm	nm	

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Surface Water Quality Data
Substances detected in surface water

Station ID	Date	Sample Description of Location	Malathion	Diazinon	Carbaryl	As	Se	
			units	µg/L	µg/L	µg/L	mg/L	mg/L
			MDL	0.5	0.2	200	0.0005	0.0005
			PWQO	0.1	0.08		0.1	0.1
	26-Jul-07	Head St storm sewer cover, Dundas		150	380	3.6	na	na
	26-Jul-07	Mill Street outfall to Spencer Creek		160	720	290	na	na
	26-Jul-07	North building, Biederman Packaging		34	1900	53	na	na
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.5	*0.32	**200	*0.0015	**0.0005	
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.5	*1.3	**200	**0.0005	**0.0005	
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	2.6	**200	*0.0015	**0.0005	
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)		1.2	35	**200	na	na
CP01	27-Jul-07	Cootes Paradise		3.8	94	**200	na	na
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	**0.0005	**0.0005	
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SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	*0.40	**200	*0.001	**0.0005	
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.46	**200	*0.001	**0.0005	
CP01	30-Jul-07	Cootes Paradise	**0.5	*0.56	**200	*0.001	**0.0005	
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.29	**200	0.0025	**0.0005	
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CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.5	*0.43	**200	0.0025	**0.0005	
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.5	*0.47	**200	0.003	**0.0005	
HAM1	02-Aug-07	Hamilton Harbour	**0.5	**0.2	**200	0.001	**0.0005	
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.5	**0.2	**200	*0.0015	**0.0005	
SC1	21-Sep-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	nm	nm	
SC2	21-Sep-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	nm	nm	
SC4	21-Sep-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**200	nm	nm	
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	**0.5	**0.2	**200	nm	nm	
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	**0.2	**200	nm	nm	
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Surface Water Quality Data
Substances detected in surface water

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			units	µg/L	µg/L	µg/L	mg/L	mg/L
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SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	*0.40	**200	*0.001	**0.0005	
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	*0.46	**200	*0.001	**0.0005	
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SC1	21-Sep-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	nm	nm	
SC2	21-Sep-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	nm	nm	
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Station ID	Date	Sample Description of Location	Malathion	Diazinon	Carbaryl	As	Se	
			units	µg/L	µg/L	µg/L	mg/L	mg/L
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SC1	21-Sep-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**200	nm	nm	
SC2	21-Sep-07	Spencer Creek @ Mill Street	**0.5	**0.2	**200	nm	nm	
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SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	**0.5	**0.2	**200	nm	nm	
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	**0.2	**200	nm	nm	
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Biedermann Packaging - Douse Water, from Fire, Runoff to Storm Sewer, and Spencer Creek/Cootes Paradise

Surface Water Quality Data

Non-detect data

Station ID	Date	Sample Description of Location	(2-chloroethyl) ether units MDL	2-chloroisopropyl ether µg/L 0.5	Phenol µg/L 0.2	2-chloroethoxy methane µg/L 0.2	Nitroso-di-n-propylamine µg/L 0.5
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**0.2	**0.2	**0.5
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.5	**0.2	**0.2	**0.2	**0.5
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**0.2	**0.2	**0.5
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	**0.2	**0.2	**0.2	**0.5
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)	na	na	na	na	na
CP01	27-Jul-07	Cootes Paradise	na	na	na	na	na
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**0.2	**0.2	**0.5
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.5	**0.2	**0.2	**0.2	**0.5
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**0.2	**0.2	**0.5
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	**0.2	**0.2	**0.2	**0.5
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	**0.2	**0.2	**0.2	**0.5
CP01	30-Jul-07	Cootes Paradise	**0.5	**0.2	**0.2	**0.2	**0.5
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	**0.2	**0.2	**0.2	**0.5
CP01	02-Aug-07	Cootes Paradise	**0.5	**0.2	**0.2	**0.2	**0.5
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.5	**0.2	**0.2	**0.2	**0.5
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.5	**0.2	**0.2	**0.2	**0.5
HAM1	02-Aug-07	Hamilton Harbour	**0.5	**0.2	**0.2	**0.2	**0.5
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.5	**0.2	**0.2	**0.2	**0.5
SC1	21-Sep-07	Spencer Creek Upstream of Fire	nm	nm	nm	nm	nm
SC2	21-Sep-07	Spencer Creek @ Mill Street	nm	nm	nm	nm	nm
SC4	21-Sep-07	Spencer Creek @ Ogilvie	nm	nm	nm	nm	nm
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	nm	nm	nm	nm	nm
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	nm	nm	nm	nm	nm
CP01	21-Sep-07	Cootes Paradise	nm	nm	nm	nm	nm

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Biedermann Packaging - Douse Water, from Fire, Runoff to Storm Sewer

Surface Water Quality Data

Non-detect data

Station ID	Date	Sample Description of Location	units MDL	o-cresol µg/L 0.2	m-cresol µg/L 0.2	p-cresol µg/L 0.2	2-chlorophenol µg/L 0.2	2,4-dimethylphenol µg/L 1	p-choloro-m-cresol µg/L 0.2	2,4dichlorophenol µg/L 0.2
SC1	27-Jul-07	Spencer Creek Upstream of Fire		**0.2	**0.2	**0.2	**0.2	**1	**0.2	**0.2
SC2	27-Jul-07	Spencer Creek @ Mill Street		**0.2	**0.2	**0.2	**0.2	**1	**0.2	**0.2
SC4	27-Jul-07	Spencer Creek @ Ogilvie		**0.2	**0.2	**0.2	**0.2	**1	**0.2	**0.2
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive		**0.2	**0.2	**0.2	**0.2	**1	**0.2	**0.2
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)		na	na	na	na	na	na	na
CP01	27-Jul-07	Cootes Paradise		na	na	na	na	na	na	na
SC1	30-Jul-07	Spencer Creek Upstream of Fire		**0.2	**0.2	**0.2	**0.2	**1	**0.2	**0.2
SC2	30-Jul-07	Spencer Creek @ Mill Street		**0.2	**0.2	**0.2	**0.2	**1	**0.2	**0.2
SC4	30-Jul-07	Spencer Creek @ Ogilvie		**0.2	**0.2	**0.2	**0.2	**1	**0.2	**0.2
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive		**0.2	**0.2	**0.2	**0.2	**1	**0.2	**0.2
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)		**0.2	**0.2	**0.2	**0.2	**1	**0.2	**0.2
CP01	30-Jul-07	Cootes Paradise		**0.2	**0.2	**0.2	**0.2	**1	**0.2	**0.2
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)		**0.2	**0.2	**0.2	**0.2	**1	**0.2	**0.2
CP01	02-Aug-07	Cootes Paradise		**0.2	**0.2	**0.2	**0.2	**1	**0.2	**0.2
CP02	02-Aug-07	Cootes Paradise in middle of marsh		**0.2	**0.2	**0.2	**0.2	**1	**0.2	**0.2
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour		**0.2	**0.2	**0.2	**0.2	**1	**0.2	**0.2
HAM1	02-Aug-07	Hamilton Harbour		**0.2	**0.2	**0.2	**0.2	**1	**0.2	**0.2
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay		**0.2	**0.2	**0.2	**0.2	**1	**0.2	**0.2
SC1	21-Sep-07	Spencer Creek Upstream of Fire		nm	nm	nm	nm	nm	nm	nm
SC2	21-Sep-07	Spencer Creek @ Mill Street		nm	nm	nm	nm	nm	nm	nm
SC4	21-Sep-07	Spencer Creek @ Ogilvie		nm	nm	nm	nm	nm	nm	nm
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive		nm	nm	nm	nm	nm	nm	nm
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)		nm	nm	nm	nm	nm	nm	nm
CP01	21-Sep-07	Cootes Paradise		nm	nm	nm	nm	nm	nm	nm

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Biedermann Packaging - Douse Water, from Fire, Runoff to Storm Sewer

Surface Water Quality Data**Non-detect data**

Station ID	Date	Sample Description of Location	Diphenyl ether	2,6-dinitrotoluene	4-nitrophenol	2,6dichlorophenol	2,4,5-trichlorophenol	2,4-dinitrotoluene
			units MDL	µg/L 0.2	µg/L 0.5	µg/L 0.5	µg/L 0.2	µg/L 0.2
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.2	**0.5	**0.5	**0.2	**0.2	**0.5
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.2	**0.5	**0.5	**0.2	**0.2	**0.5
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.2	**0.5	**0.5	**0.2	**0.2	**0.5
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.2	**0.5	**0.5	**0.2	**0.2	**0.5
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)	na	na	na	na	na	na
CP01	27-Jul-07	Cootes Paradise	na	na	na	na	na	na
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.2	**0.5	**0.5	**0.2	**0.2	**0.5
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.2	**0.5	**0.5	**0.2	**0.2	**0.5
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.2	**0.5	**0.5	**0.2	**0.2	**0.5
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.2	**0.5	**0.5	**0.2	**0.2	**0.5
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.2	**0.5	**0.5	**0.2	**0.2	**0.5
CP01	30-Jul-07	Cootes Paradise	**0.2	**0.5	**0.5	**0.2	**0.2	**0.5
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.2	**0.5	**0.5	**0.2	**0.2	**0.5
CP01	02-Aug-07	Cootes Paradise	**0.2	**0.5	**0.5	**0.2	**0.2	**0.5
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.2	**0.5	**0.5	**0.2	**0.2	**0.5
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.2	**0.5	**0.5	**0.2	**0.2	**0.5
HAM1	02-Aug-07	Hamilton Harbour	**0.2	**0.5	**0.5	**0.2	**0.2	**0.5
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.2	**0.5	**0.5	**0.2	**0.2	**0.5
SC1	21-Sep-07	<i>Spencer Creek Upstream of Fire</i>	nm	nm	nm	nm	nm	nm
SC2	21-Sep-07	Spencer Creek @ Mill Street	nm	nm	nm	nm	nm	nm
SC4	21-Sep-07	Spencer Creek @ Ogilvie	nm	nm	nm	nm	nm	nm
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	nm	nm	nm	nm	nm	nm
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	nm	nm	nm	nm	nm	nm
CP01	21-Sep-07	Cootes Paradise	nm	nm	nm	nm	nm	nm

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Biedermann Packaging - Douse Water, from Fire, Runoff to Storm Sewer

Surface Water Quality Data**Non-detect data**

Station ID	Date	Sample Description of Location	2,3,4-trichlorophenol	4-chlorophenyl-phenyl ether	2,3,5,6-tetrachlorophenol	2,3,4,6-tetrachlorophenol
			units MDL	µg/L 0.2	µg/L 0.2	µg/L 0.2
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.2	**0.2	**0.2	**0.2
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.2	**0.2	**0.2	**0.2
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.2	**0.2	**0.2	**0.2
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.2	**0.2	**0.2	**0.2
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)	na	na	na	na
CP01	27-Jul-07	Cootes Paradise	na	na	na	na
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.2	**0.2	**0.2	**0.2
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.2	**0.2	**0.2	**0.2
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.2	**0.2	**0.2	**0.2
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.2	**0.2	**0.2	**0.2
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.2	**0.2	**0.2	**0.2
CP01	30-Jul-07	Cootes Paradise	**0.2	**0.2	**0.2	**0.2
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.2	**0.2	**0.2	**0.2
CP01	02-Aug-07	Cootes Paradise	**0.2	**0.2	**0.2	**0.2
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.2	**0.2	**0.2	**0.2
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.2	**0.2	**0.2	**0.2
HAM1	02-Aug-07	Hamilton Harbour	**0.2	**0.2	**0.2	**0.2
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.2	**0.2	**0.2	**0.2
SC1	21-Sep-07	<i>Spencer Creek Upstream of Fire</i>	nm	nm	nm	nm
SC2	21-Sep-07	Spencer Creek @ Mill Street	nm	nm	nm	nm
SC4	21-Sep-07	Spencer Creek @ Ogilvie	nm	nm	nm	nm
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	nm	nm	nm	nm
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	nm	nm	nm	nm
CP01	21-Sep-07	Cootes Paradise	nm	nm	nm	nm

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Biedermann Packaging - Douse Water, from Fire, Runoff to Storm Sewer

Surface Water Quality Data**Non-detect data**

Station ID	Date	Sample Description of Location	2,4,6-trichlorophenol units MDL	2,4,6-tetrachlorophenol µg/L 0.2	4-bromophenyl-phenyl ether µg/L 0.2	2,4-dinitrophenol µg/L 20	4,6-dinitro-o-cresol µg/L 10
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.2	**0.2	**0.2	**20	**10
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.2	**0.2	**0.2	**20	**10
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.2	**0.2	**0.2	**20	**10
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.2	**0.2	**0.2	**20	**10
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)	na	na	na	na	na
CP01	27-Jul-07	Cootes Paradise	na	na	na	na	na
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.2	**0.2	**0.2	**20	**10
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.2	**0.2	**0.2	**20	**10
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.2	**0.2	**0.2	**20	**10
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.2	**0.2	**0.2	**20	**10
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.2	**0.2	**0.2	**20	**10
CP01	30-Jul-07	Cootes Paradise	**0.2	**0.2	**0.2	**20	**10
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.2	**0.2	**0.2	**20	**10
CP01	02-Aug-07	Cootes Paradise	**0.2	**0.2	**0.2	**20	**10
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.2	**0.2	**0.2	**20	**10
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.2	**0.2	**0.2	**20	**10
HAM1	02-Aug-07	Hamilton Harbour	**0.2	**0.2	**0.2	**20	**10
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.2	**0.2	**0.2	**20	**10
SC1	21-Sep-07	Spencer Creek Upstream of Fire	nm	nm	nm	nm	nm
SC2	21-Sep-07	Spencer Creek @ Mill Street	nm	nm	nm	nm	nm
SC4	21-Sep-07	Spencer Creek @ Ogilvie	nm	nm	nm	nm	nm
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	nm	nm	nm	nm	nm
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	nm	nm	nm	nm	nm
CP01	21-Sep-07	Cootes Paradise	nm	nm	nm	nm	nm

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Biedermann Packaging - Douse Water, from Fire, Runoff to Storm Sewer

Surface Water Quality Data**Non-detect data**

Station ID	Date	Sample Description of Location	Pentachlorophenol	Di-n-butylphthalate	Butylbenzylphthalate	Bis-2-ethylphthalate	Di-n-octylphthalate	Camphene
			units MDL	µg/L 0.2	µg/L 5	µg/L 0.5	µg/L 1	µg/L 0.2
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.2	**5	**0.5	**1	**0.2	**0.5
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.2	**5	**0.5	**1	**0.2	**0.5
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.2	**5	**0.5	14	**0.2	**0.5
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.2	**5	**0.5	**1	**0.2	**0.5
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)	na	na	na	na	na	na
CP01	27-Jul-07	Cootes Paradise	na	na	na	na	na	na
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.2	**5	**0.5	**1	**0.2	**0.5
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.2	**5	**0.5	**1	**0.2	**0.5
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.2	**5	**0.5	**1	**0.2	**0.5
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.2	**5	**0.5	**1	**0.2	**0.5
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.2	**5	**0.5	**1	**0.2	**0.5
CP01	30-Jul-07	Cootes Paradise	**0.2	**5	**0.5	**1	**0.2	**0.5
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.2	**5	**0.5	**1	**0.2	**0.5
CP01	02-Aug-07	Cootes Paradise	**0.2	**5	**0.5	**1	**0.2	**0.5
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.2	**5	**0.5	**1	**0.2	**0.5
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.2	**5	**0.5	**1	**0.2	**0.5
HAM1	02-Aug-07	Hamilton Harbour	**0.2	**5	**0.5	**1	**0.2	**0.5
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.2	**5	**0.5	**1	**0.2	**0.5
SC1	21-Sep-07	<i>Spencer Creek Upstream of Fire</i>	nm	nm	nm	nm	nm	nm
SC2	21-Sep-07	Spencer Creek @ Mill Street	nm	nm	nm	nm	nm	nm
SC4	21-Sep-07	Spencer Creek @ Ogilvie	nm	nm	nm	nm	nm	nm
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	nm	nm	nm	nm	nm	nm
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	nm	nm	nm	nm	nm	nm
CP01	21-Sep-07	Cootes Paradise	nm	nm	nm	nm	nm	nm

Notes:

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Biedermann Packaging - Douse Water, from Fire, Runoff to Storm Sewer

Surface Water Quality Data**Non-detect data**

Station ID	Date	Sample Description of Location	Diphenylamine	2,3,5-trichlorophenol	Naphthalene	2-methylnaphthalene	1-methylnaphthalene	2-chloronaphthalene
			units MDL	µg/L 2	µg/L 0.2	µg/L 0.2	µg/L 0.2	µg/L 0.2
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**2	**0.2	**0.2	**0.2	**0.2	**0.2
SC2	27-Jul-07	Spencer Creek @ Mill Street	**2	**0.2	**0.2	**0.2	**0.2	**0.2
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**2	**0.2	**0.2	**0.2	**0.2	**0.2
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**2	**0.2	**0.2	**0.2	**0.2	**0.2
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)	na	na	na	na	na	na
CP01	27-Jul-07	Cootes Paradise	na	na	na	na	na	na
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**2	**0.2	**0.2	**0.2	**0.2	**0.2
SC2	30-Jul-07	Spencer Creek @ Mill Street	**2	**0.2	**0.2	**0.2	**0.2	**0.2
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**2	**0.2	**0.2	**0.2	**0.2	**0.2
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**2	**0.2	**0.2	**0.2	**0.2	**0.2
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**2	**0.2	**0.2	**0.2	**0.2	**0.2
CP01	30-Jul-07	Cootes Paradise	**2	**0.2	**0.2	**0.2	**0.2	**0.2
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**2	**0.2	**0.2	**0.2	**0.2	**0.2
CP01	02-Aug-07	Cootes Paradise	**2	**0.2	**0.2	**0.2	**0.2	**0.2
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**2	**0.2	**0.2	**0.2	**0.2	**0.2
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**2	**0.2	**0.2	**0.2	**0.2	**0.2
HAM1	02-Aug-07	Hamilton Harbour	**2	**0.2	**0.2	**0.2	**0.2	**0.2
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**2	**0.2	**0.2	**0.2	**0.2	**0.2
SC1	21-Sep-07	<i>Spencer Creek Upstream of Fire</i>	nm	nm	nm	nm	nm	nm
SC2	21-Sep-07	Spencer Creek @ Mill Street	nm	nm	nm	nm	nm	nm
SC4	21-Sep-07	Spencer Creek @ Ogilvie	nm	nm	nm	nm	nm	nm
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	nm	nm	nm	nm	nm	nm
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	nm	nm	nm	nm	nm	nm
CP01	21-Sep-07	Cootes Paradise	nm	nm	nm	nm	nm	nm

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Biedermann Packaging - Douse Water, from Fire, Runoff to Storm Sewer

Surface Water Quality Data**Non-detect data**

Station ID	Date	Sample Description of Location	Acenaphthene units MDL	Acenaphthylene µg/L 0.2	Fluorene µg/L 0.2	Phenanthrene µg/L 0.2	Anthracene µg/L 0.2	Fluoranthene µg/L 0.2	Pyrene µg/L 0.2	Benzo(a)anthracene µg/L 0.2
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)	na	na	na	na	na	na	na	na
CP01	27-Jul-07	Cootes Paradise	na	na	na	na	na	na	na	na
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2
CP01	30-Jul-07	Cootes Paradise	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2
CP01	02-Aug-07	Cootes Paradise	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2
HAM1	02-Aug-07	Hamilton Harbour	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2	**0.2
SC1	21-Sep-07	Spencer Creek Upstream of Fire	nm	nm	nm	nm	nm	nm	nm	nm
SC2	21-Sep-07	Spencer Creek @ Mill Street	nm	nm	nm	nm	nm	nm	nm	nm
SC4	21-Sep-07	Spencer Creek @ Ogilvie	nm	nm	nm	nm	nm	nm	nm	nm
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	nm	nm	nm	nm	nm	nm	nm	nm
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	nm	nm	nm	nm	nm	nm	nm	nm
CP01	21-Sep-07	Cootes Paradise	nm	nm	nm	nm	nm	nm	nm	nm

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Biedermann Packaging - Douse Water, from Fire, Runoff to Storm Sewer

Surface Water Quality Data**Non-detect data**

Station ID	Date	Sample Description of Location	Chrysene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-c,d)pyrene
			units MDL	µg/L 0.2	µg/L 0.2	µg/L 0.2	µg/L 0.2
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.2	**0.2	**0.2	**0.2	**0.5
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.2	**0.2	**0.2	**0.2	**0.5
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.2	**0.2	**0.2	**0.2	**0.5
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.2	**0.2	**0.2	**0.2	**0.5
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)	na	na	na	na	na
CP01	27-Jul-07	Cootes Paradise	na	na	na	na	na
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.2	**0.2	**0.2	**0.2	**0.5
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.2	**0.2	**0.2	**0.2	**0.5
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.2	**0.2	**0.2	**0.2	**0.5
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.2	**0.2	**0.2	**0.2	**0.5
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.2	**0.2	**0.2	**0.2	**0.5
CP01	30-Jul-07	Cootes Paradise	**0.2	**0.2	**0.2	**0.2	**0.5
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.2	**0.2	**0.2	**0.2	**0.5
CP01	02-Aug-07	Cootes Paradise	**0.2	**0.2	**0.2	**0.2	**0.5
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.2	**0.2	**0.2	**0.2	**0.5
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.2	**0.2	**0.2	**0.2	**0.5
HAM1	02-Aug-07	Hamilton Harbour	**0.2	**0.2	**0.2	**0.2	**0.5
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.2	**0.2	**0.2	**0.2	**0.5
SC1	21-Sep-07	<i>Spencer Creek Upstream of Fire</i>	nm	nm	nm	nm	nm
SC2	21-Sep-07	Spencer Creek @ Mill Street	nm	nm	nm	nm	nm
SC4	21-Sep-07	Spencer Creek @ Ogilvie	nm	nm	nm	nm	nm
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	nm	nm	nm	nm	nm
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	nm	nm	nm	nm	nm
CP01	21-Sep-07	Cootes Paradise	nm	nm	nm	nm	nm

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Biedermann Packaging - Douse Water, from Fire, Runoff to Storm Sewer

Surface Water Quality Data**Non-detect data**

Station ID	Date	Sample Description of Location	Dibenzo(a,h)anthracene	Benzo(g,h,i)perylene	1-chloronaphthalene	Perylene	Indole	5-nitroacenaphthene
			units MDL	µg/L 0.5	µg/L 0.2	µg/L 0.2	µg/L 0.2	µg/L 0.2
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**0.2	**0.2	**0.2	**1
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.5	**0.2	**0.2	**0.2	**0.2	**1
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**0.2	**0.2	**0.2	**1
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	**0.2	**0.2	**0.2	**0.2	**1
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)	na	na	na	na	na	na
CP01	27-Jul-07	Cootes Paradise	na	na	na	na	na	na
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.5	**0.2	**0.2	**0.2	**0.2	**1
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.5	**0.2	**0.2	**0.2	**0.2	**1
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.5	**0.2	**0.2	**0.2	**0.2	**1
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.5	**0.2	**0.2	**0.2	**0.2	**1
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	**0.2	**0.2	**0.2	**0.2	**1
CP01	30-Jul-07	Cootes Paradise	**0.5	**0.2	**0.2	**0.2	**0.2	**1
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.5	**0.2	**0.2	**0.2	**0.2	**1
CP01	02-Aug-07	Cootes Paradise	**0.5	**0.2	**0.2	**0.2	**0.2	**1
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.5	**0.2	**0.2	**0.2	**0.2	**1
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.5	**0.2	**0.2	**0.2	**0.2	**1
HAM1	02-Aug-07	Hamilton Harbour	**0.5	**0.2	**0.2	**0.2	**0.2	**1
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.5	**0.2	**0.2	**0.2	**0.2	**1
SC1	21-Sep-07	Spencer Creek Upstream of Fire	nm	nm	nm	nm	nm	nm
SC2	21-Sep-07	Spencer Creek @ Mill Street	nm	nm	nm	nm	nm	nm
SC4	21-Sep-07	Spencer Creek @ Ogilvie	nm	nm	nm	nm	nm	nm
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	nm	nm	nm	nm	nm	nm
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	nm	nm	nm	nm	nm	nm
CP01	21-Sep-07	Cootes Paradise	nm	nm	nm	nm	nm	nm

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Biedermann Packaging - Douse Water, from Fire, Runoff to Storm Sewer

Surface Water Quality Data

Non-detect data

Station ID	Date	Sample Description of Location	Biphenyl units MDL	Propham µg/L 2000	Chlorpropham µg/L 2000	Barban µg/L 2000	Eptam µg/L 2000	Diallate µg/L 2000	Butylate µg/L 2000	Triallate µg/L 1500	Dimethoate µg/L 0.5	Mevinphos µg/L 0.2	Dichlorvos µg/L 0.5
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.2	**2000	**2000	**2000	**2000	**2000	**2000	**1500	**0.5	**0.2	**0.5
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.2	**2000	**2000	**2000	**2000	**2000	**2000	**1500	**0.5	**0.2	**0.5
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.2	**2000	**2000	**2000	**2000	**2000	**2000	**1500	**0.5	**0.2	**0.5
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.2	**2000	**2000	**2000	**2000	**2000	**2000	**1500	**0.5	**0.2	**0.5
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)	na	**2000	**2000	**2000	**2000	**2000	**2000	**1500	**0.5	**0.2	**0.5
CP01	27-Jul-07	Cootes Paradise	na	**2000	**2000	**2000	**2000	**2000	**2000	**1500	**0.5	**0.2	**0.5
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.2	**2000	**2000	**2000	**2000	**2000	**2000	**1500	**0.5	**0.2	**0.5
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.2	**2000	**2000	**2000	**2000	**2000	**2000	**1500	**0.5	**0.2	**0.5
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.2	**2000	**2000	**2000	**2000	**2000	**2000	**1500	**0.5	**0.2	**0.5
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.2	**2000	**2000	**2000	**2000	**2000	**2000	**1500	**0.5	**0.2	**0.5
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.2	**2000	**2000	**2000	**2000	**2000	**2000	**1500	**0.5	**0.2	**0.5
CP01	30-Jul-07	Cootes Paradise	**0.2	**2000	**2000	**2000	**2000	**2000	**2000	**1500	**0.5	**0.2	**0.5
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.2	**2000	**2000	**2000	**2000	**2000	**2000	**1500	**0.5	**0.2	**0.5
CP01	02-Aug-07	Cootes Paradise	**0.2	**2000	**2000	**2000	**2000	**2000	**2000	**1500	**0.5	**0.2	**0.5
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.2	**2000	**2000	**2000	**2000	**2000	**2000	**1500	**0.5	**0.2	**0.5
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.2	**2000	**2000	**2000	**2000	**2000	**2000	**1500	**0.5	**0.2	**0.5
HAM1	02-Aug-07	Hamilton Harbour	**0.2	**2000	**2000	**2000	**2000	**2000	**2000	**1500	**0.5	**0.2	**0.5
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.2	**2000	**2000	**2000	**2000	**2000	**2000	**1500	**0.5	**0.2	**0.5
SC1	21-Sep-07	Spencer Creek Upstream of Fire	nm										
SC2	21-Sep-07	Spencer Creek @ Mill Street	nm										
SC4	21-Sep-07	Spencer Creek @ Ogilvie	nm										
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	nm										
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	nm										
CP01	21-Sep-07	Cootes Paradise	nm										

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Biedermann Packaging - Douse Water, from Fire, Runoff to Storm Sewer

Surface Water Quality Data**Non-detect data**

Station ID	Date	Sample Description of Location	Azinphos-methyl units MDL	Methylparathion µg/L 0.2	Parathion µg/L 0.1	Phorate µg/L 0.1	Reldan µg/L 0.5	Ronnel µg/L 0.1	Terbufos µg/L 0.2	Temphos µg/L 0.1	Chlorpyrifos µg/L 0.1	Ethion µg/L 0.2
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
SC2	27-Jul-07	Spencer Creek @ Mill Street	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
CP01	27-Jul-07	Cootes Paradise	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
SC2	30-Jul-07	Spencer Creek @ Mill Street	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
CP01	30-Jul-07	Cootes Paradise	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
CP01	02-Aug-07	Cootes Paradise	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
HAM1	02-Aug-07	Hamilton Harbour	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
SC1	21-Sep-07	Spencer Creek Upstream of Fire	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
SC2	21-Sep-07	Spencer Creek @ Mill Street	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
SC4	21-Sep-07	Spencer Creek @ Ogilvie	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2
CP01	21-Sep-07	Cootes Paradise	**0.05	**0.2	**0.1	**0.1	**0.5	**0.1	**0.2	**0.1	**0.1	**0.2

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Biedermann Packaging - Douse Water, from Fire, Runoff to Storm Sewer

Surface Water Quality Data**Non-detect data**

Station ID	Date	Sample Description of Location	Aldicarb	Propoxur	Carbofuran	Bendiocarb
			units MDL	µg/L 2500	µg/L 2000	µg/L 2000
SC1	27-Jul-07	Spencer Creek Upstream of Fire	**2500	**2000	**2000	**1500
SC2	27-Jul-07	Spencer Creek @ Mill Street	**2500	**2000	**2000	**1500
SC4	27-Jul-07	Spencer Creek @ Ogilvie	**2500	**2000	**2000	**1500
SC5	27-Jul-07	Spencer Creek Upstream of Cootes Drive	**2500	**2000	**2000	**1500
DC01	27-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**2500	**2000	**2000	**1500
CP01	27-Jul-07	Cootes Paradise	**2500	**2000	**2000	**1500
SC1	30-Jul-07	Spencer Creek Upstream of Fire	**2500	**2000	**2000	**1500
SC2	30-Jul-07	Spencer Creek @ Mill Street	**2500	**2000	**2000	**1500
SC4	30-Jul-07	Spencer Creek @ Ogilvie	**2500	**2000	**2000	**1500
SC5	30-Jul-07	Spencer Creek Upstream of Cootes Drive	**2500	**2000	**2000	**1500
DC01	30-Jul-07	Desjardin Canal (Spencer Creek Outlet)	**2500	**2000	**2000	**1500
CP01	30-Jul-07	Cootes Paradise	**2500	**2000	**2000	**1500
DC01	02-Aug-07	Desjardin Canal (Spencer Creek Outlet)	**2500	**2000	**2000	**1500
CP01	02-Aug-07	Cootes Paradise	**2500	**2000	**2000	**1500
CP02	02-Aug-07	Cootes Paradise in middle of marsh	**2500	**2000	**2000	**1500
DC02	02-Aug-07	Desjardin Canal @ Hamilton Harbour	**2500	**2000	**2000	**1500
HAM1	02-Aug-07	Hamilton Harbour	**2500	**2000	**2000	**1500
HAM2	02-Aug-07	Hamilton Harbour @ Carrolls Bay	**2500	**2000	**2000	**1500
SC1	21-Sep-07	<i>Spencer Creek Upstream of Fire</i>				
SC2	21-Sep-07	Spencer Creek @ Mill Street				
SC4	21-Sep-07	Spencer Creek @ Ogilvie				
SC5	21-Sep-07	Spencer Creek Upstream of Cootes Drive				
DC01	21-Sep-07	Desjardin Canal (Spencer Creek Outlet)				
CP01	21-Sep-07	Cootes Paradise				

Notes:

- * indicates that trace amounts were detected
- ** indicates that values are below MDL
- na indicates that testing is not requested
- The unit 'ug/L' is defined as a measure of the concentration of the dissolved substance. A concentration of a ug/L means that one microgram of a substance is dissolved in each litre of water. This unit is equal to and can be expressed as 'parts per billion' (ppb), which means that one microgram is a billion times smaller than one litre.
- No Rotenone was found in house water samples. Analysis is presence/absence, not qualitative