BURBERRY
ESTABLISHED 1856

GLOBAL WATER TESTING SUMMARY

Group 2 Detox Test Summary (First 24 Sites)

			1		2		3		4		5				6		7		8		9			10		11		12	
	Chemical substances	**Detection limit**	Incoming	WW before treat 1	Incoming	WW before treat 1	Incoming	WW before treat 1	Incoming	WW before treat 1	Incoming	WW before treat 1	WW before treat 2	WW before treat 3	Incoming	WW before treat 1	Incoming	WW before treat 1	Incoming	WW before treat 1	Incoming1	Incoming2	WW before treat 1	Incoming	WW before treat 1	Incoming	WW before treat 1	Incoming	WW before treat 1
Phthalates (Ortho-Phthalates)	Bis (2-ethylhexyl) phthalate (DEHP)	1 ug/L								2																	109		9
	Butyl benzyl phthalate (BBP)	1 ug/L										5																	
	Di-n-butyl phthalate (DBP)	1 ug/L																											6
	Diethyl phthalate	1 ug/L										4																	
	Dimethyl phthalate	1 ug/L																											
	Di-n-octyl phthalate (DNOP)	1 ug/L																											
	Di-isononyl phthalate (DINP)	1 ug/L																											
	Di-iso-decyl phthalate (DIDP)	1 ug/L																											
	Di-isobutyl phthalate (DIBP)	1 ug/L										3																	
	Di-n-hexyl phthalate	1 ug/L																											
	Dimethoxyethyl phthalate (DMEP)	1 ug/L																											
	Di-n-propyl phthalate (DPRP)	1 ug/L																											
	Di-iso-octyl phthalate (DIOP)	1 ug/L														3													
	Di-cyclohexyl phthalate (DCHP)	1 ug/L																											
	Dinonyl phthalate (DNP)	1 ug/L																											
Alkylphenol ethoxylates / Alkylphenols (APEOs/APs)	Nonylphenol	1 ug/L																											
	Octylphenol	1 ug/L																											
	Nonylphenol monoethoxylates, NP1EO	5 ug/L																											
	Nonylphenol diethoxylates, NP2EO	5 ug/L																											
	Octylphenol monoethoxylates, OP1EO	5 ug/L																											
	Octylphenol monoethoxylates, OP2EO	5 ug/L																											
	Nonylphenolethoxylates, n=4 to n=15	5 ug/L				7				9		30	45	26													88		
	Octylphenolethoxylates, n=4 to n= 15	5 ug/L																											
Perfluorinated Chemicals (PFCs)	Perfluorooctanoic acid (PFOA)	0.01 µg/L													0.04	0.14													
	Perfluorooctane sulphonates (PFOS)	0.01 µg/L																											
	Perfluoro-n-hexanoic acid (PFHxA)	0.01 µg/L																											
	Perfluorohexane sulphonates (PFHxS)	0.01 µg/L																											
	Perfluorobutanoic acid (PFBA)	0.01 µg/L																											
	Perfluorobutane sulphonates (PFBS)	0.01 µg/L																											
Brominated And Chlorinated Flame Retardants	Polybromodiphenyl ethers (PBDEs)	0.05 ug/L																											
	Polybromobiphenyls (PBBs)	0.05 ug/L																											
	Tris(2,3-dibromopropyl) phosphate (TRIS)	0.5 ug/L																											
	Tetrabromobisphenol A (TBBPA)	0.5 ug/L																											
	Tris(2-chloroethyl) phosphate (TCEP)	0.05 ug/L																											
	Bis(2,3-dibromopropyl) phosphate	0.5 ug/L																											
	Hexabromocyclododecane (HBCDD)	0.5 ug/L																											
	2,2-Bis(bromomethyl)-1,3-propanediol (BBMP)	0.5 ug/L																											
	Tris(1,3-dichloro-isopropyl) phosphate (TDCP)	0.05 ug/L																											
Azo Dyes	1,4-Phenylenediamine	0.1 ug/L																											
	2,4,5-Trimethylaniline	0.1 ug/L																											
	2,4-Diaminoanisole	0.1 ug/L																											
	2,4-Diaminotoluene	0.1 ug/L																											
	2,4-Xylidine	0.1 ug/L																											
	2,6-Xylidine	0.1 ug/L																											
	2-Chloroaniline	0.1 ug/L																											
	2-Naphthylamine	0.1 ug/L																											
	3,3'-Dichlorobenzidine	0.1 ug/L																											
	3,3'-Dimethoxybenzidine	0.1 ug/L																											
	3,3'-Dimethyl-4,4'-diaminodiphenylmethane	0.1 ug/L																											
	3,3'-Dimethylbenzidine	0.1 ug/L																											
	4,4'-Diaminodiphenylmethane	0.1 ug/L																											
	4,4'-Methylene-bis(2-chloroaniline)	0.1 ug/L																											
	4,4'-Oxydianiline	0.1 ug/L																											
	4,4'-Thiodianiline	0.1 ug/L																											
	4-Aminobiphenyl	0.1 ug/L																											
	4-Chloroaniline	0.1 ug/L																											
	4-Chloro-o-toluidine	0.1 ug/L																											
	5-Nitro-o-anisidine	0.1 ug/L																											
	5-Nitro-o-toluidine	0.1 ug/L																											
	4-Aminoazobenzene	0.1 ug/L																											
	Aniline	0.1 ug/L								2.3																			
	Benzidine	0.1 ug/L																											
	m-Toluidine	0.1 ug/L																											
	n,n-Diethylanaline	0.1 ug/L																											
	n-Ethylaniline	0.1 ug/L																											
	n-Methylaniline	0.1 ug/L																											
	o-Aminoazotoluene	0.1 ug/L																											
	o-Anisidine	0.1 ug/L																											
	o-Toluidine	0.1 ug/L																											
	p-Cresidine	0.1 ug/L																											
	p-Toluidine	0.1 ug/L																											
Organotin Compounds	Monobutyltin	0.01 ug/L											5.8	11.7															
	Dibutyltin	0.01 ug/L											17.1	21.6															
	Tributyltin	0.01 ug/L																											
	Tetrabutyltin	0.01 ug/L																											
	Monooctyltin	0.01 ug/L																											
	Dioctyltin	0.01 ug/L																											
	Triphenyltin	0.01 ug/L																											
	Tricyclohexyltin	0.01 ug/L																											
	Trioctyltin	0.01 ug/L																											
	Tripropyltin	0.01 ug/L																											
	Chlorobenzene	0.02 ug/L																											
	4-Chlorotoluene	0.02 ug/L																											
	1,2-Dichlorobenzene	0.02 ug/L																12				0.03			0.06				
	1,3-Dichlorobenzene	0.02 ug/L				0.94		1.1										2.16											

	13		14		15		16		17			18		19		20		21		22		23		24		
Chemical substances	Incoming	WW before treat 1	Incoming	WW before treat 1	Incoming	WW before treat 1	Incoming	WW before treat 1	Incoming1	Incoming2	WW before treat 1	Incoming	WW before treat 1	Incoming	WW before treat 1	Incoming	WW before treat 1	Incoming	WW before treat 1	Incoming	WW before treat 1	Incoming	WW before treat 1	Incoming 1	Incoming 2	WW before treat 1
Bis (2-ethylhexyl) phthalate (DEHP)													12						13							104
Butyl benzyl phthalate (BBP)													8													
Di-n-butyl phthalate (DBP)																										
Diethyl phthalate																										
Dimethyl phthalate																										
Di-n-octyl phthalate (DNOP)																										
Di-isononyl phthalate (DINP)																										
Di-iso-decyl phthalate (DIDP)																										
Di-isobutyl phthalate (DIBP)																										
Di-n-hexyl phthalate																										
Dimethoxyethyl phthalate (DMEP)																										
Di-n-propyl phthalate (DPRP)																										
Di-iso-octyl phthalate (DIOP)				5		4		5																		
Di-cyclohexyl phthalate (DCHP)																										
Dinonyl phthalate (DNP)																										
Nonylphenol																										
Octylphenol																										
Nonylphenol monoethoxylates, NP1EO						31																				
Nonylphenol diethoxylates, NP2EO						31																				
Octylphenol monoethoxylates, OP1EO																										
Octylphenol monoethoxylates, OP2EO																										
Nonylphenolethoxylates, n=4 to n=15						6							15		98						8.2					
Octylphenolethoxylates, n=4 to n= 15																										
Perfluorooctanoic acid (PFOA)																										
Perfluorooctane sulphonates (PFOS)																										
Perfluoro-n-hexanoic acid (PFHxA)																										
Perfluorohexane sulphonates (PFHxS)																										
Perfluorobutanoic acid (PFBA)																										
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1,4-Phenylenediamine																										
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2,4-Xylidine																										
2,6-Xylidine																										
2-Chloroaniline																										
2-Naphthylamine																										
3,3'-Dichlorobenzidine																										
3,3'-Dimethoxybenzidine																										
3,3'-Dimethyl-4,4'-diaminodiphenylmethane																										
3,3'-Dimethylbenzidine																										
4,4'-Diaminodiphenylmethane																										
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4,4'-Oxydianiline																										
4,4'-Thiodianiline																										
4-Aminobiphenyl																										
4-Chloroaniline																										
4-Chloro-o-toluidine																										
5-Nitro-o-anisidine																										
5-Nitro-o-toluidine																										
4-Aminoazobenzene																										
Aniline		1						1.7																		
Benzidine																										
m-Toluidine																										
n,n-Diethylanaline																										
n-Ethylaniline																										
n-Methylaniline																										
o-Aminoazotoluene																										
o-Anisidine																										
o-Toluidine																										
p-Cresidine																										
p-Toluidine																										
Monobutyltin																										
Dibutyltin																										
Tributyltin																										
Tetrabutyltin																										
Monooctyltin																										
Dioctyltin																										
Triphenyltin																										
Tricyclohexyltin																										
Trioctyltin																										
Tripropyltin																										
Chlorobenzene																										
4-Chlorotoluene																										
1,2-Dichlorobenzene											0.01	0.32	0.34							0.19	0.25					
1,3-Dichlorobenzene											0.05															

Chlorinated Benzenes	1,4-Dichlorobenzene	0.02 ug/L								1.3										30		0.09		0.06			0.14																0.06						0.15									
	1,2,4-Trichlorobenzene	0.02 ug/L																						0.04																																	
	1,2,3-Trichlorobenzene	0.02 ug/L																																																							
	1,3,5-Trichlorobenzene	0.02 ug/L		1.3																																																					
	1,2,3,4-Tetrachlorobenzene	0.02 ug/L																																																							
	1,2,3,5-Tetrachlorobenzene	0.02 ug/L																																																							
	1,2,4,5-Tetrachlorobenzene	0.02 ug/L																																																							
	Pentachlorobenzene	0.02 ug/L																																																							
	Hexachlorobenzene	0.02 ug/L																																																							
Chlorinated Solvents	Bromodichloromethane	1 ug/L													4.4	2.5																4		2	1																					
	Bromoform	1 ug/L													1.8	1.3																																								
	Carbon tetrachloride	1 ug/L																																																							
	Chlorodibromomethane	1 ug/L													5.3	3																2																									
	Chloroethane	1 ug/L																																																							
	Chloroform	1 ug/L													4.5	2.8																5	5	8	6																					
	Dibromomethane	1 ug/L																																																							
	1,1-Dichloroethane	1 ug/L																													24																										
	1,2-Dichloroethane	1 ug/L																													16																										
	1,1-Dichloroethene	1 ug/L																																																							
	cis-1,2-Dichloroethene	1 ug/L																													54																										
	trans-1,2-Dichloroethene	1 ug/L																													3																										
	trans-1,3-Dichloropropene	1 ug/L																																																							
	Hexachlorobutadiene	1 ug/L																																																							
	Methylene chloride	1 ug/L																														2	4	1	2	12	11																			
	1,1,2,2-Tetrachloroethane	1 ug/L																																																							
	Tetrachloroethene	1 ug/L																																																							
	1,1,1-Trichloroethane	1 ug/L																																																							
	Trichloroethene	1 ug/L																																																							
	Vinyl chloride	1 ug/L																																																							
	Hexachloroethane	1 ug/L																																																							
	1,1,1,2-Tetrachloroethane	1 ug/L																																																							
	1,1,2-Trichloroethane	1 ug/L																																																							
Chlorophenols	4-Chloro-3-methylphenol	0.5 ug/L																																																							
	2-Chlorophenol	0.5 ug/L																																																							
	2,4-Dichlorophenol	0.5 ug/L																																																							
	2,5-Dichlorophenol	0.5 ug/L																																																							
	2,6-Dichlorophenol	0.5 ug/L																																																							
	Pentachlorophenol (PCP)	0.5 ug/L								0.5																																															
	2,3,4,6-Tetrachlorophenol	0.5 ug/L																																																							
	2,4,5-Trichlorophenol	0.5 ug/L																																																							
	2,4,6-Trichlorophenol	0.5 ug/L																																																							
	2,3,4,5-Tetrachlorophenol	0.5 ug/L																																																							
	2,3,5,6-Tetrachlorophenol	0.5 ug/L																																																							
	Tetrachlorophenols (TeCP)	0.5 ug/L																																																							
	2,3,4-Trichlorophenol	0.5 ug/L																																																							
	2,3,5-Trichlorophenol	0.5 ug/L																																																							
	3,4,5-Trichlorophenol	0.5 ug/L																																																							
	3,5- Dichlorophenol	0.5 ug/L																																																							
	2,3-Dichlorophenol	0.5 ug/L																																																							
	3,4-Dichlorophenol	0.5 ug/L																																																							
	3-chlorophenol	0.5 ug/L																																																							
	4-chlorophenol	0.5 ug/L																																																							
Short-Chained Chlorinated Paraffins (SCCPs)	Short chain chlorinated paraffins (SCCPs)	0.4 ug/L												38.4																																									
Heavy Metals	Lead, Pb	1 ug/L	6	6	3	4	2	19	6	41	1	5	3	3									6			3	4				2						1.3				4.3	7.6		1.6			7	51	1.7	2.9	5	8.2			5
	Cadmium, Cd	0.1 ug/L	0.2	0.6		0.3	0.2	0.3	0.4	0.6																																0.3													
	Mercury, Hg	0.05 ug/L	0.7	1.1	2.9	7				1.3	0.4	0.4	0.7	0.9																																									
	Antimony, Sb	1 ug/L	6	635	8	348	4	241	9	245	2	4	19	3	1.5	1.5											32					2	1								2.7	37	3.6	5.5				3	4.2	4.5	2.8	4.2			12
	Arsenic, As	1 ug/L		2	1	2		1		3		3	4	3			3				2	3	19	2	3			10			2.1						1.2										2	2		1.3		3.8			2
	Chromium, Cr (total)	1 ug/L		8	3	6	2	264	5	292	2	5	32	4		4		51								7	9			5.4	142	4	118				2		6		2.2	42.3	2.4	22.6			6	12	1.6	6.8	5.1	27.8	83		168
	Cobalt, Co	1 ug/L		5		3		50		19																					5											12.5		3.7											3
	Copper, Cu	1 ug/L	265	307	93	96	105	185	196	292	29	43	59	41		20		30			13		42		2	14	73				8				2	2	8		7		42.6	287.2	25.6	28.8			27	70	24.7	96.4	19.6	40.1			
	Nickel, Ni	1 ug/L	2	7	2	5	2	19	2	22	1	6	8	13	3.5	9							6			3	53				2.3	1			1		1.6				1.6	7.4	1.5	3.5			2	24	2.8	3.5	2.3	4.1	1	4	17
	Zinc, Zn	1 ug/L	280	842	138	319	145	575	242	942	47	151	1849	540	10	19		610	15	12	5		75		9	107	110		52	11	131	13	14	81	66	5	33				139.5	242.1	54.3	81			163	358	46.1	103.5	179	401			87
	Total Manganese	1 ug/L	5	10	9	19	4	267	25	364		11	50	370	7	2.7					17		90			5	28				33		66	7	8		18	10	1800	707	7	30	118.7	82		20	6	32	3.4	5.8	9.3	47.2		3	79
	Chromium, hexavalent, Cr(VI)	1 ug/L																																																					
	Cyanide (CN-)	20 ug/L																																																					