BURBERRY

ESTABLISHED 1856

GLOBAL WATER TESTING SUMMARY

Group 2 Detox Test Summary (Second 23 Sites)

			25		26		27		28		29		30		31		32		33		34		35		36		37		38		39		40		41		42		43		44		45		46		47		48	
	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	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	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	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
Pthalates (Ortho-Pthalates)	Bis (2-ethylhexyl) phthalate (DEHP)	1 ug/L		6			9.6	2.2				7.6		1.0		1.1		16		3.1																		1.7			3.8	7.4								
	Butyl benzyl phthalate (BBP)	1 ug/L																																																
	Di-n-butyl phthalate (DBP)	1 ug/L												1.8																												1.3								
	Diethyl phthalate	1 ug/L																										1.7																						
	Dimethyl phthalate	1 ug/L										17												28						1.5																				
	Di-n-octyl phthalate (DNOP)	1 ug/L																																																
	Di-isononyl phthalate (DINP)	1 ug/L						3.6	2.5			1.4								5.9								90														28								
	Di-iso-decyl phthalate (DIDP)	1 ug/L																																																
	Di-isobutyl phthalate (DIBP)	1 ug/L					1.3			2.3	1.0	1.8																4.8		2.6										1.1		29								
	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																																																
	Di-cyclohexyl phthalate (DCHP)	1 ug/L																																																
	Dinonyl phthalate (DNP)	1 ug/L																																																
Alkylphenol ethoxylates / Alkylphenols (APEOs/APs)	Nonylphenol	1 ug/L								1.3												13		1.4				2.8				1.2																		
	Octylphenol	1 ug/L																																																
	Nonylphenol monoethoxylates, NP1EO	5 ug/L																																					63 (NPEO1+2)											
	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				28				280										290								504		22										75		290								
	Octylphenolethoxylates, n=4 to n= 15	5 ug/L																																																
Perfluorinated Chemicals (PFCs)	Perfluorooctanoic acid (PFOA)	0.01 µg/L																					0.015	0.058																		18								
	Perfluorooctane sulphonates (PFOS)	0.01 µg/L				0.59										0.39					0.01					0.01	0.015	0.029								0.015	0.012		0.05		0.086				0.03		0.04		
	Perfluoro-n-hexanoic acid (PFHxA)	0.01 µg/L																																																
	Perfluorohexane sulphonates (PFHxS)	0.01 µg/L				0.15								0.064		0.045																			0.142												0.03		
	Perfluorobutanoic acid (PFBA)	0.01 µg/L												0.036																																				
	Perfluorobutane sulphonates (PFBS)	0.01 µg/L								0.019						0.027																																		
Brominated And Chlorinated Flame Retardants	Polybromodiphenyl ethers (PBDEs)	0.05 ug/L				0.02																														0.012														
	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														0.49		14												0.95		0.78																		
	2,4-Diaminoanisole	0.1 ug/L													0.33			0.21																						0.10										
	2,4-Diaminotoluene	0.1 ug/L																								0.1													0.25											
	2,4-Xylidine	0.1 ug/L														0.10										0.1									0.13															
	2,6-Xylidine	0.1 ug/L								0.18					0.93															0.24																					
	2-Chloroaniline	0.1 ug/L																																																
	2-Naphthylamine	0.1 ug/L				0.32		1.02							0.19											0.1						0.13												0.18							
	3,3'-Dichlorobenzidine	0.1 ug/L																																																
	3,3'-Dimethoxybenzidine	0.1 ug/L					0.91	0.91					0.36		0.18						0.24																														
	3,3'-Dimethyl-4,4'-diaminodiphenylmethane	0.1 ug/L																																																
	3,3'-Dimethylbenzidine	0.1 ug/L																																								0.16									
	4,4'-Diaminodiphenylmethane	0.1 ug/L						0.13																																										
	4,4'-Methylene-bis(2-chloroaniline)	0.1 ug/L				0.84		0.93																0.11		0.2																				0.86			92		
	4,4'-Oxydianiline	0.1 ug/L					0.68						0.28		0.18																																			
	4,4'-Thiodianiline	0.1 ug/L																																														0.2		
	4-Aminobiphenyl	0.1 ug/L																																																
	4-Chloroaniline	0.1 ug/L					0.36								0.59						0.33																							0.14						
	4-Chloro-o-toluidine	0.1 ug/L												0.15				0.5			0.97			1.64												0.5									0.49					
	5-Nitro-o-anisidine	0.1 ug/L													0.49						0.19																														
	5-Nitro-o-toluidine	0.1 ug/L																																																
	4-Aminoazobenzene	0.1 ug/L																																																
	Aniline	0.1 ug/L																																																
	Benzidine	0.1 ug/L			0.27	3.03	0.55	43.6	0.17	1.83			0.13	7.18	0.57	7.76		1.8	0.52	0.83	0.24	2.92	0.15	2.20	0.7	5.4	0.18	1.57	0.69	1.43	0.61	1.43			0.50			4.1	0.98	6.4		29	20	0.48		0.42	1.63		1.0		
	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															0.37																																	
	o-Aminoazotoluene	0.1 ug/L														0.20		2.3																																
	o-Anisidine	0.1 ug/L																																																
	o-Toluidine	0.1 ug/L				0.11									0.45																	0.76								0.14										
	p-Cresidine	0.1 ug/L																36			0.24																														
	p-Toluidine	0.1 ug/L													0.20											0.8											0.5														
	Monobutyltin	0.01 ug/L																																																
	Dibutyltin	0.01 ug/L												0.04						0.02					0.195	0.064																0.12								
	Tributyltin	0.01 ug/L																							0.011																										
	Tetrabutyltin	0.01 ug/L																																																

Organotin Compounds	Monooctyltin	0.01 ug/L																																																	
	Dioctyltin	0.01 ug/L																		0.05																															
	Triphenyltin	0.01 ug/L																																																	
	Tricyclohexyltin	0.01 ug/L																																																	
	Trioctyltin	0.01 ug/L																																																	
	Tripropyltin	0.01 ug/L																																																	
Chlorinated Benzenes	Chlorobenzene	0.02 ug/L					0.02																																												
	4-Chlorotoluene	0.02 ug/L																																																	
	1,2-Dichlorobenzene	0.02 ug/L																																																	
	1,3-Dichlorobenzene	0.02 ug/L															0.80																												0.16					
	1,4-Dichlorobenzene	0.02 ug/L																													0.05																				
	1,2,4-Trichlorobenzene	0.02 ug/L															0.07																																	
	1,2,3-Trichlorobenzene	0.02 ug/L																																																	
	1,3,5-Trichlorobenzene	0.02 ug/L															0.03																																	
	1,2,3,4-Tetrachlorobenzene	0.02 ug/L																																																	
	1,2,3,5-Tetrachlorobenzene	0.02 ug/L															0.03																																	
	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																																																	
	Bromoform	1 ug/L						18																																											
	Carbon tetrachloride	1 ug/L																																																	
	Chlorodibromomethane	1 ug/L																																																	
	Chloroethane	1 ug/L						5																																											
	Chloroform	1 ug/L																																																	
	Dibromomethane	1 ug/L						97	24	18												4	4					2						1	3														3			
	1,1-Dichloroethane	1 ug/L																																																	
	1,2-Dichloroethane	1 ug/L																																							11											
	1,1-Dichloroethene	1 ug/L																																																	
	cis-1,2-Dichloroethene	1 ug/L																																																	
	trans-1,2-Dichloroethene	1 ug/L																																																	
	trans-1,3-Dichloropropene	1 ug/L																																																	
	Hexachlorobutadiene	1 ug/L																																																	
	Methylene chloride	1 ug/L																																							6											
	1,1,2,2-Tetrachloroethane	1 ug/L																																																	
	Tetrachloroethene	1 ug/L																																																	
	1,1,1-Trichloroethane	1 ug/L											17		95	6.1	5.5						1	40					5	4	4	240								78				4	1300	100						
	Trichloroethene	1 ug/L																																																	
	Vinyl chloride	1 ug/L						12																								2																				
	Hexachloroethane	1 ug/L						6																																	2	10										
	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										0.8				8.3																																			
	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																																																	
	2,3,4,6-Tetrachlorophenol	0.5 ug/L				5.7																																													
	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								4																																									
Short-Chained Chlorinated Paraffins (SCCPs)	Short chain chlorinated paraffins (SCCPs)	0.4 ug/L								4																	4																								
Heavy Metals	Lead, Pb	1 ug/L																		0.7																															
	Cadmium, Cd	0.1 ug/L				1.1	1.2		2.2	2.7		1.4		3.1		1.2		1.2		2.3		2.6	2.8	4.5		2.3	2.2	2.1		3.5		2.4				3.0		2.2		2.9	1.5	4.7				11	9.3	19	1.4		
	Mercury, Hg	0.05 ug/L																																																	
	Antimony, Sb	1 ug/L										0.13						0.34	0.33		0.26					0.17				0.15					0.12	0.15		0.18			0.27						0.42	1.4		
	Arsenic, As	1 ug/L						2.1	4.6						21								120	8.2	12		2.5					4.8																			30	
	Chromium, Cr (total)	1 ug/L					4.5		15	58	4.6	5.7	7.5	8.7	5.7	5.4			1.8	4.7	4.7	8.5	5.8	7.5	1.4	7		3.5		5.7	5.7	5.7			7.6				7.6		15	3.5	5.7		4.5	4.8	15	7.5	7.8	5.7		
	Cobalt, Co	1 ug/L					15		6.8	4.5	46				75	6.5		140	50	75	1.8	4.7		8.8	7.5	8.7		38	13	100	3.4		160		40				158		420	4.5		1300	5.5		11		4		54	
	Copper, Cu	1 ug/L												11	53				2.8						32	47						2.3						11	160		7.4									3.9		
	Nickel, Ni	1 ug/L	3		4.6		115	4.6		15	14	14	7.5		14		7.5		74	44	11	50		400		0.8	44	14	15	15	95	9.4		15						4	630	8.5		96	6.7		15	15	2.5	2.5		170		13	56
	Zinc, Zn	1 ug/L		116		2.7		11	8.5	6.3	6.5	4.3		5.8		3.1				5.5		5.7	8.7	7.4		4.5	11	13	5.3		48		4.5									2.8	3.5	8.2		2.5	2.5			2.2		1.2		
	Total Manganese	1 ug/L		23	6.1		160		93	53	93	930	400	8.8	48	33	170	170	140	58	40	53	48	3.5	510	42	1600	13	4000	78	170	100	430	18	170				910	43	7.6		48	49	140	54	130	33	33	2900	58	63	58	
	Chromium, hexavalent, Cr(VI)	1 ug/L			0.5	5.3		18		16	4.1			4.1	13		18	8.8		30	13	14	15	58	10	6.1	13	17		16	17	100	1300	620				4.7	8.5		70		18		150	40		6.8		34	38	75	33	
	Cyanide (CN-)	20 ug/L																																																	