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 | | 13 | | 14 | | 15 | | 16 | | 17 | | | 18 | | 19 | | 20 | | 21 | | 22 | | 23 | | 24 | | |
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| | **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 | 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 1 | Incoming 2 | WW before treat 1 |
| Phthalates (Ortho-Phthalates) | Bis (2-ethylhexyl) phthalate (DEHP) | 1 ug/L | | | | | | | | 2 | | | | | | | | | | | | | | | | 109 | | 9 | | | | | | | | | | | | | 12 | | | | | | 13 | | | | | | | |
| | Butyl benzyl phthalate (BBP) | 1 ug/L | | | | | | | | | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | | |
| | 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 | | | | | | | | | | | | | | | | 5 | | 4 | | 5 | | | | | | | | | | | | | | | | |
| | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 | | | | | | | | | | | | | | | | |
| | Nonylphenol diethoxylates, NP2EO | 5 ug/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 | | | | | | | | | | | | | | | | |
| | 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 | | | | | | | | 6 | | | | | | | 15 | | 98 | | | | | 8.2 | | | | | | |
| | Octylphenolethoxylates, n=4 to n= 15 | 5 ug/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Perfluorinated Chemicals (PFCs) | Perfluorooctanoic acid (PFOA) | 0.01 ug/L | | | | | | | | | | | | | 0.04 | 0.14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Perfluorooctane sulphonates (PFOS) | 0.01 ug/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Perfluoro-n-hexanoic acid (PFHxA) | 0.01 ug/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Perfluorohexane sulphonates (PFHxS) | 0.01 ug/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Perfluorobutanoic acid (PFBA) | 0.01 ug/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Perfluorobutane sulphonates (PFBS) | 0.01 ug/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brominated And Chlorinated Flame Retardants | Polybromodiphenyl ethers (PBDEs) | 0.05 ug/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Polybromobiphenyls (PBBs) | 0.05 ug/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Tris(2,3-dibromopropyl) phosphate (TDBPP) | 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 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | 1.7 | | | | | | | | | | | | | | | | |
| | 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 | | | | | | | | | | | | | | | | | | | | | | 0.03 | | | 0.06 | | | | | | | | | | | | | | | | | | | | | | | | 0.01 | 0.32 | 0.34 | | | | | 0.19 | 0.25 | | | |
| | 1,3-Dichlorobenzene | 0.02 ug/L | | | | 0.94 | | 1.1 | | | | | | | | | | | | 2.16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.05 | | | | | | | | | | |

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