EFFLUENT TESTING TREND ANALYSIS
SEPTEMBER 2017

BURBERRY

CONTENTS

EXECUTIVE SUMMARY

This report discloses the details of effluent testing data collected during a correlation study of chemical input vs output in wet processes[1].

The positive trends observed are an encouraging indicator of improvements although these improvements need to be confirmed on larger scale over a longer period.

Effluent testing needs to become a standard practice to monitor the quality of chemical inputs which can come into the effluent stream through chemicals used in processes and raw material procured.

INTRODUCTION

To ensure Burberry is properly positioned to deliver on its commitment, incoming water and untreated effluent at eighteen major wet processing facilities, was monitored over a period of nineteen months.

In line with the commitment to the Right to Know Principle, all testing data gathered was made publicly available with this report at www.burberryplc.com.

METHODOLOGY

To track and study the trend of detection of the targeted substances, effluent testing was performed in four sequential phases:

- Phase 1 – Sep-Oct 2015
- Phase 2 – Mar-Apr 2016
- Phase 3 – Oct-Nov 2016
- Phase 4 – Feb-Mar 2017

The study involved eighteen wet processing facilities:

- 7 Dye-houses
- 2 Tanneries
- 4 Finishing houses
- 1 Laundry
- 3 Dye-house + Finishing
- 1 Dye-house + Laundry

[1] https://www.burberryplc.com/content/dam/burberry/corporate/Responsibility/Responsibility_docs/Policies_statements/Chemical_Management/2017/Input%20vs%20output%20analysis%20report%20-%2020170719.pdf

The overall process implemented in every phase is represented in the flow chart below – *Figure 1.*

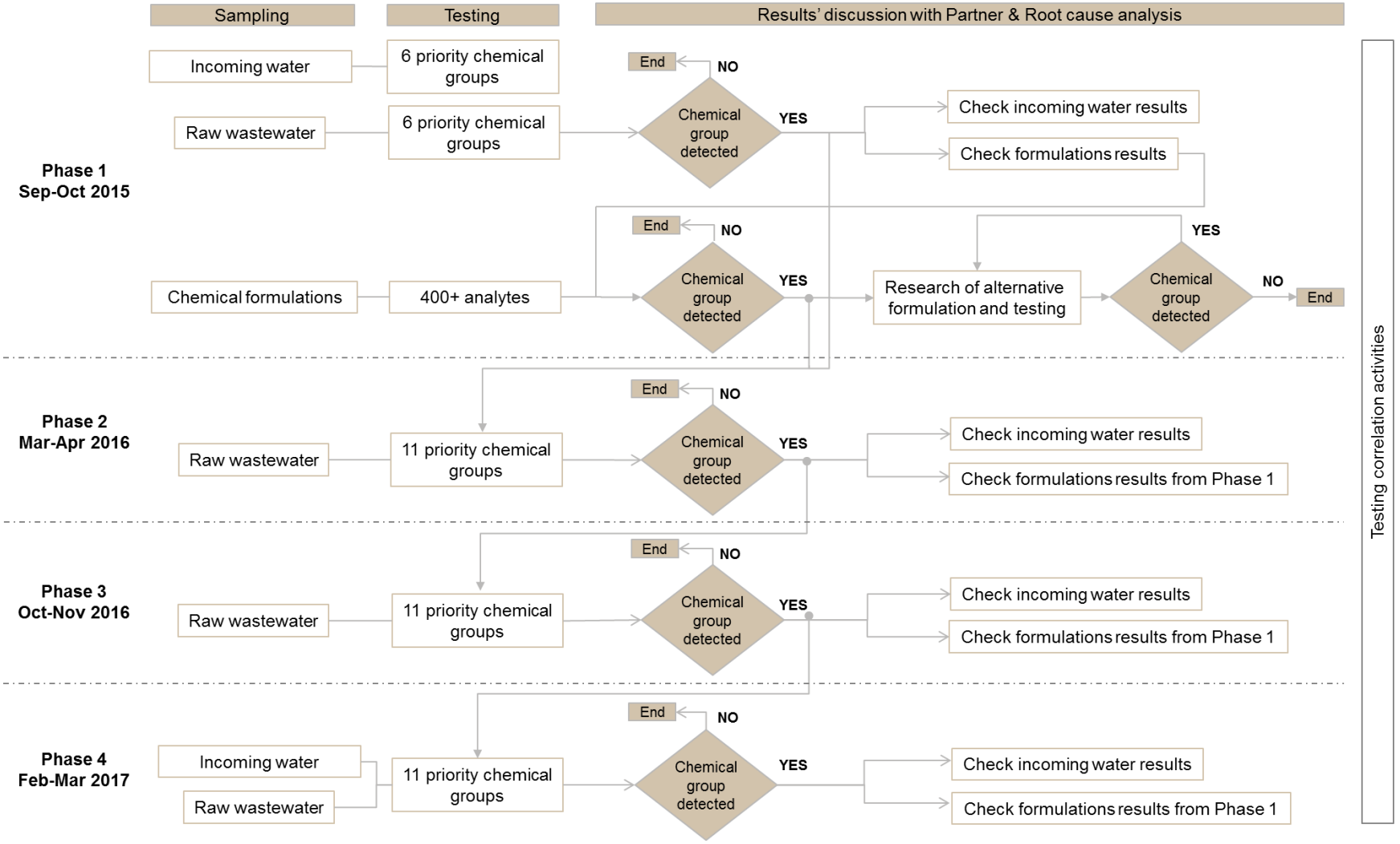


Figure 1

LAB CORRELATION

To ensure the reliability of data, different labs were involved in correlation activities throughout the period of analysis. This exercise allowed the identification of the lowest credible detection limits that are technologically available.

Before Phase 1, the lack of correlation between labs led to investigating only six out of the eleven chemical groups: Alkylphenol Ethoxylates (APEOs), Per- and Poly-fluorinated Chemicals (PFCs), Phthalates, Chlorinated Solvents, Short Chain Chlorinated Paraffins (SCCPs) and Chlorophenols. In Phase 2 and 3, individual facilities were tested for a specific range of chemical groups detected in their chemical inventory in previous analytical screening. In Phase 4, all the eleven priority groups were tested to reflect the improvements of inter-lab correlation of analytical results.

SAMPLING POINTS

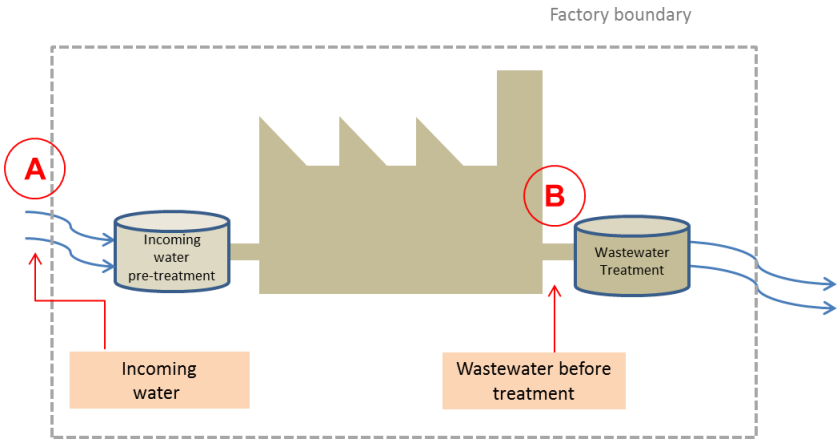


Figure 2

A. INCOMING WATER – incoming water was sampled at the point where it enters the facility, prior to any on-site treatment. Water sources are ground water, municipal supply or water from fresh water bodies like rivers, lakes.

B. RAW WASTEWATER – wastewater was sampled after the wet processes, prior to any on-site or off-site treatment, to better control the intentional or unintentional use of unwanted chemicals. The sampling was conducted at full operational conditions of facilities.

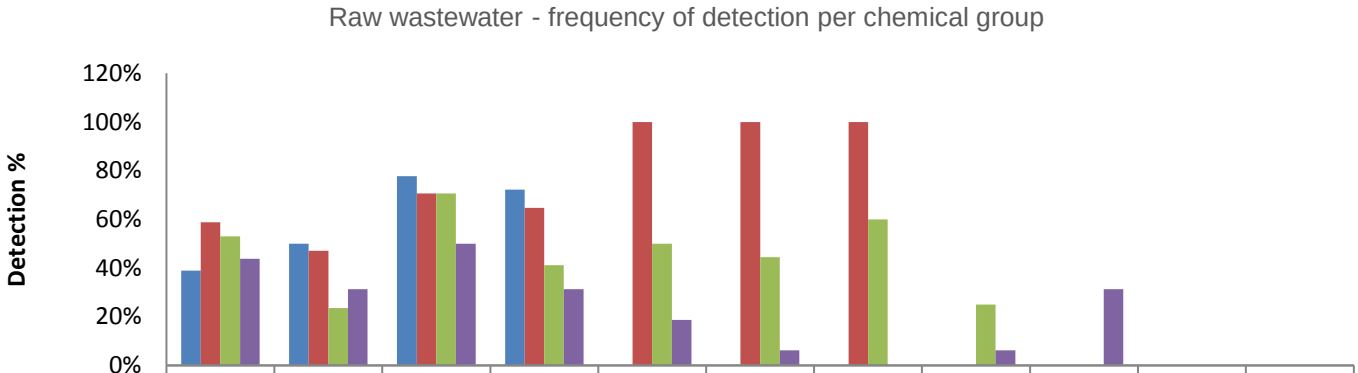
   Raw wastewater results were assessed against each facility's discharge permit. After this point, raw wastewater of each facility was treated at the Effluent Treatment Plant (ETP) before being discharged in the environment in compliance with local regulations and discharge permits.

TREND ANALYSIS

WASTEWATER – FREQUENCY OF DETECTION PER CHEMICAL GROUP

The bar chart below – *Figure 3*, represents the frequency of detection in raw wastewater of each chemical group, in every phase. The percentages were calculated considering the sum of detections in the total number of tests for a specific chemical group. APEOs, PFCs, Phthalates and Chlorinated

Solvents were tested in 100% of wastewater samples; other chemical groups were tested based on formulations test results of each facility's chemical inventory.



	APEO	PFC	Phthalates	Chlorinated solvents	CP	PAH	Azo-Dyes	VOC	CB	Glycols	SCCP
Phase 1	39%	50%	78%	72%	0%	*Not tested*	*Not tested*	*Not tested*	*Not tested*	*Not tested*	0%
Phase 2	59%	47%	71%	65%	100%	100%	100%	0%	0%	0%	0%
Phase 3	53%	24%	71%	41%	50%	44%	60%	25%	0%	0%	0%
Phase 4	44%	31%	50%	31%	19%	6%	0%	6%	31%	0%	0%

Figure 3

- Among the most tested chemical groups (APEOs, PFCs, Phthalates and Chlorinated solvents), Phthalates are the most frequently detected, followed by Chlorinated Solvents, both groups showing a decreasing detection trend;
- Polycyclic Aromatic Hydrocarbons (PAHs), Azo-dyes, Volatile Organic Compounds (VOCs), Chlorobenzenes and Glycols were not tested in Phase 1. From Phase 2, there is a decreasing detection trend in PAH and Azo-dyes;
- The 100% detection rate found in Phase 2 for Chlorophenols (CP), PAH and Azo-dyes is not significant due to the small number of water samples tested for these chemical groups – two, three and one, respectively;
- Glycols and SCCP were never detected across all four phases;
- The chart shows a decrease in detection in six chemical groups out of eleven.

RAW WASTEWATER - AVERAGE CONCENTRATION DETECTED PER CHEMICAL GROUP

In the two graphs below, the detection trend is reported showing the average concentration, in µg/L, in which chemical groups were detected in every phase. *Figure 4* reports the four chemical groups always tested, *Figure 5* includes the remaining seven groups. The figures represent the sum of concentration of detected analytes divided by the total number of facilities.

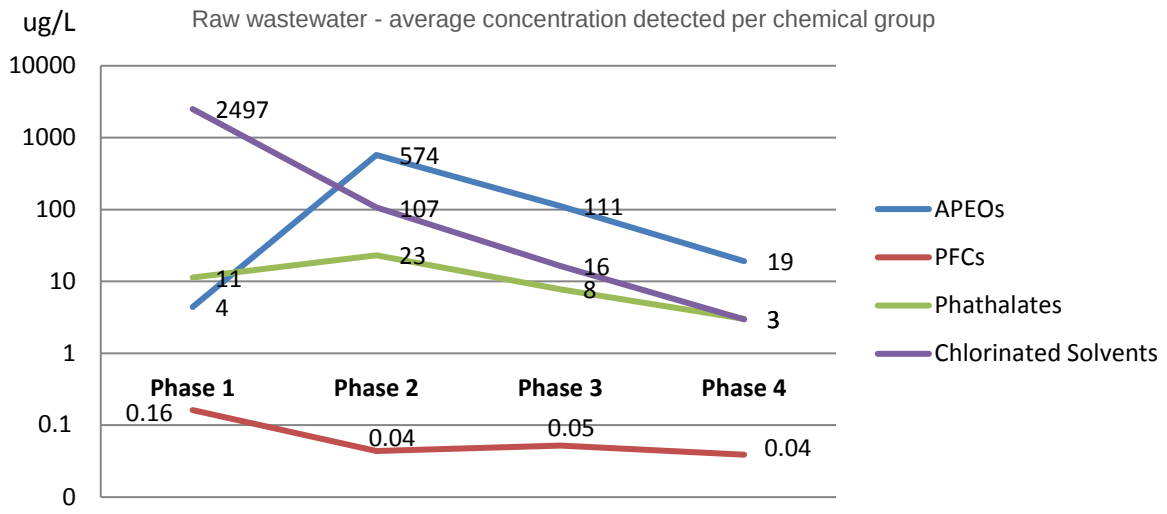


Figure 4

- The APEO average concentration shows a peak in Phase 2 before dropping in Phase 3 and 4;
- The average concentration of PFCs decreases significantly between Phase 1 and 2; the trend relates to the transition to PFC free production from Phase 2 onwards.
- The concentration of Phthalates slightly increases in Phase 2 before reducing in Phase 4;
- Chlorinated Solvents show a drastic diminishing trend, dropping from around 2500 µg/L in Phase 1 to 3 µg/L in Phase 4;
- Overall, all chemical groups show a general decreasing detection trend across the four phases.

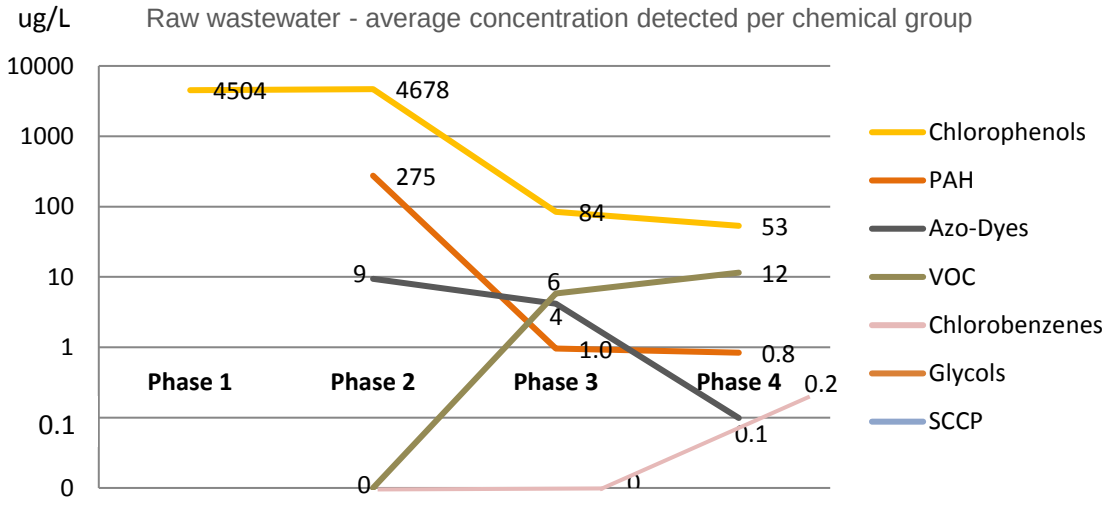


Figure 5

- The high average concentration of Chlorophenols in Phase 1 and 2 is related to their extensive use in tanneries as biocides. After substituting some chemical formulations, the concentration of Chlorophenols significantly decreased, but their use could not be completely eliminated;
- PAH and Azo-dyes show a decreasing detection frequency and concentration trend;
- Phase 4 shows an increase in the detection of Chlorobenzenes and VOC.

RAW WASTEWATER – FREQUENCY OF DETECTION PER ANALYTE

Additionally, *Figure 6* shows the most frequent analytes detected for each chemical group.

It is worth underlining the significant recurrence of one specific analyte in the case of Chlorophenols, Chlorobenzenes, Azo-dyes, PAH and VOC.

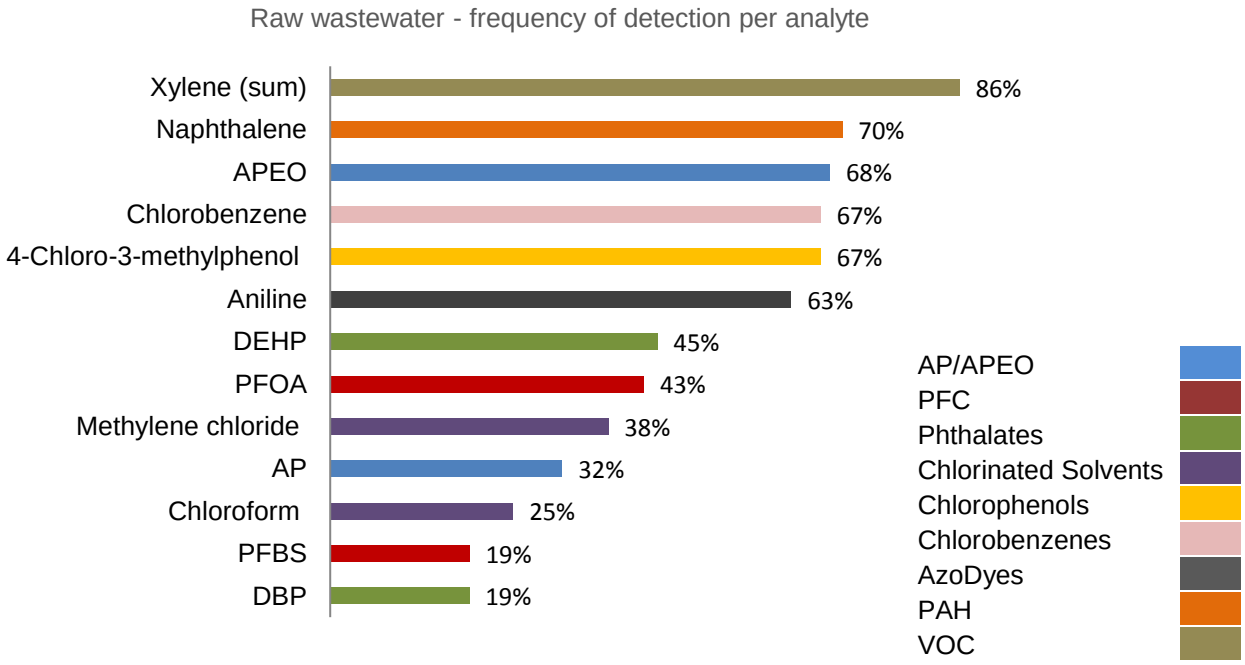


Figure 6

INCOMING WATER – FREQUENCY OF DETECTION PER CHEMICAL GROUP AND ANALYTES

The last two graphs show the overall chemical detection frequency in incoming water, both in terms of chemical groups and single analytes.

Incoming water was only tested in Phase 1 and 4, assuming a water quality almost constant during the four periods of analysis.

Overall, five out of the nine chemical groups detected in wastewater across the four phases, were also detected in incoming water.

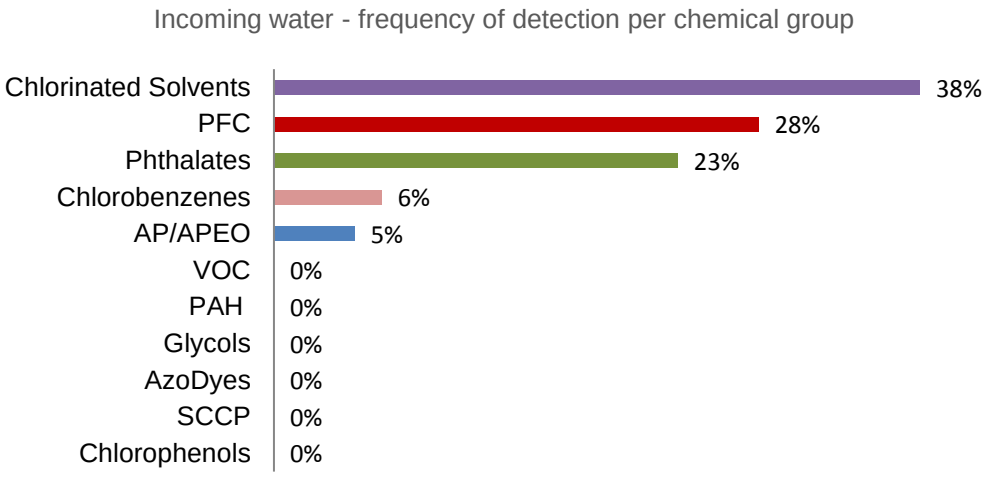


Figure 7

Figure 8 shows the most frequent analytes detected in the incoming water:

- Out of the 38% of chlorinated solvents detected in incoming water – *Figure 7*, 46% is represented by Methylene chloride;
- The most frequent PFC analytes detected in the incoming water are Perfluorooctanoic acid (PFOA) and Perfluorobutane sulphonates (PFBS);
- Phthalates show a significant prevalence of the Bis (2-ethylhexyl) phthalate (DEHP);
- Chlorobenzenes and AP/APEO are present in incoming water as chlorobenzene and Nonylphenol (NP);
- In the case of PFCs, Phthalates, Chlorinated Solvents and Chlorobenzenes, the most frequent analytes detected in incoming water and raw wastewater correspond – *Figure 6, 8.*

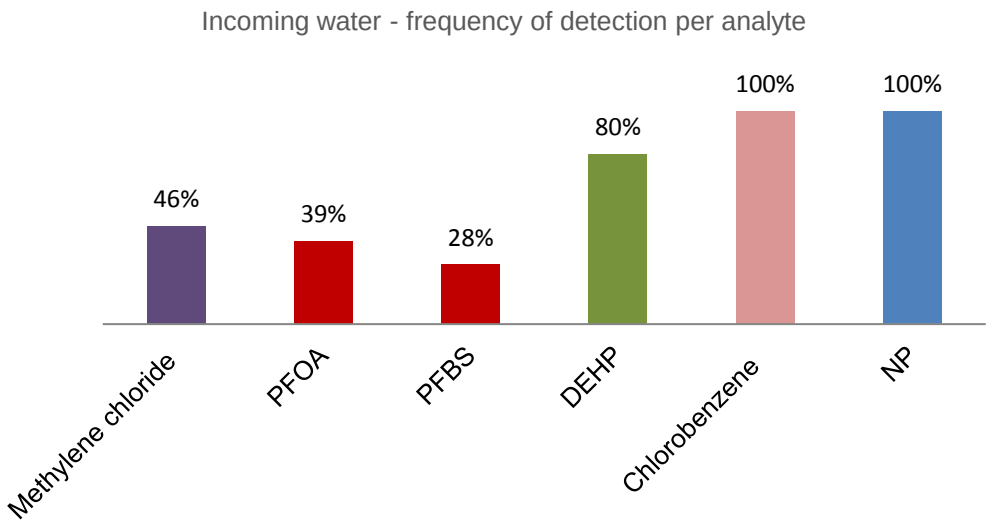


Figure 8

CONCLUSIONS

- In most of the cases, chemicals detected show a decreasing trend across the four periods of analysis; this could indicate that the MRSL implementation is effectively contribute in reducing the discharges of chemicals of concern;
- The detection of APEOs, PFCs, Phthalates, Chlorinated solvents and Chlorobenzenes in raw wastewater is linked to their presence in incoming water, even if their use in wet processes cannot be excluded;
- The detection of the other chemical groups is most likely related to their involuntary introduction in the processes, and subsequently in the raw wastewater, through chemical formulations or contaminations occurred in previous processing of raw materials;
- SCCP and Glycols have never been detected across four seasons;
- There is high correlation between incoming and raw wastewater for specific analytes;
- A testing frequency of at least twice a year allows a comprehensive detection trend analysis.

NEXT STEPS

Whilst this study demonstrates some encouraging trends, it is important to continue to monitor effluent to validate the impact of the MRSL implementation.

In July 2017 Burberry signed the Zero Discharge Hazardous Chemicals (ZDHC) call to action for the implementation of the ZDHC wastewater guidelines through its supply chain. The aim is to encourage the application of the guidelines as standard practice among Supply Chain Partners, to monitor their wastewater twice a year and to assess their margin for improvement using better chemistry and raw material procurement practices. Additionally, Burberry recognises the importance of being transparent and it stimulates its Supply Chain Partners to publish their results on the ZDHC Chemical Gateway platform.

APPENDIX

This appendix includes the full list of analytes tested and detected in every phase.

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GLOBAL WATER TESTING RESULTS

September/October 2015

Detox (Incoming water)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Factory Type	Dye-house	Dye-house	Printing house	Tannery	Tannery	Finishing house	Dye-house	Finishing house	Dye-house	Finishing house	Dye-house	Dye-house	Laundry	Dye-house and finishing	Dye-house and finishing	Dye-house and finishing	Dye-house and Laundry	Dye-house	Factories
Alkylphenol ethoxylates / Alkylphenols (APEOs/APs)																			0
Perfluorinated Chemicals (PFCs)				1	1	1			1				1						5
Phthalates (Ortho-Phthalates)			1	1					1			1		1		1	1	1	8
Chlorinated Solvents		1	1	1	1	1	1	1	1	1	1	1							11
Chlorophenols																			0
Short-Chained Chlorinated Paraffins (SCCPs)																			0
Chlorobenzenes																			0
Azo dyes																			0
Glycols																			0
Polycyclic aromatic hydrocarbon (PAH)																			0
Volatile Organic Compounds (VOC)																			0

Detox (Wastewater Before Treatment)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Factory Type	Dye-house	Dye-house	Printing house	Tannery	Tannery	Finishing	Dye-house	Finishing house	Dye-house	Finishing house	Dye-house	Dye-house	Laundry	Dye-house and finishing	Dye-house and finishing	Dye-house and finishing	Dye-house and Laundry	Dye-house	Factories
Alkylphenol ethoxylates / Alkylphenols (APEOs/APs)						1	1		1	1			1				1	1	7
Perfluorinated Chemicals (PFCs)		1		1	1	1		1	1	1		1	1						9
Phthalates (Ortho-Phthalates)	1	1	1	1	1	1	1	1		1				1	1	1	1	1	14
Chlorinated Solvents		1	1	1	1	1	1	1	1	1	1	1			1		1		13
Chlorophenols				1	1														2
Short-Chained Chlorinated Paraffins (SCCPs)																			0
Chlorobenzenes																			0
Azo dyes																			0
Glycols																			0
Polycyclic aromatic hydrocarbon (PAH)																			0
Volatile Organic Compounds (VOC)																			0

	Not Tested
	Not Detected
1	Detected

BURBERRY

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GLOBAL WATER TESTING RESULTS

September/October 2015 - page 1

Chemical substances		Detection limit	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18	
			Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat
Alkylphenol ethoxylates / Alkylphenols (APEOs/APs)	Nonylphenol	1 ug/L												2.2		1.4				1.3														2.5			
	Octylphenol	1 ug/L																																			
	Nonylphenol ethoxylates, 1+2 (NPEO 1+2)	5 ug/L																																			
	Octylphenol ethoxylates, 1+2, (OPEO, 1+2)	5 ug/L																																			
	Nonylphenol ethoxylates, n=3 to n= 18 (NPEO 3-18)	5 ug/L																				72						53									
	Octylphenol ethoxylates, n=3 to n= 16 (OPEO 3-16)	5 ug/L																																			
Perfluorinated Chemicals (PFCs)	Perfluorooctanoic acid (PFOA)	0.01 ug/L				0.255					0.013	0.079	0.043	0.26				0.017		0.0154		0.052				0.014	0.241	0.38									
	Perfluorooctane sulphonates (PFOS)	0.01 ug/L																																			
	Perfluoro-n-hexanoic acid (PFHxA)	0.01 ug/L				0.423							0.0992	1.4																							
	Perfluorohexane sulphonates (PFHxS)	0.01 ug/L																																			
	Perfluorobutanoic acid (PFBA)	0.01 ug/L				0.015							0.0142	0.134																							
	Perfluorobutane sulphonates (PFBS)	0.01 ug/L							0.0335	0.159	0.0928	0.107							0.0114	0.011																	
Phthalates (Ortho-Phthalates)	Bis (2-ethylhexyl) phthalate (DEHP)	1 ug/L		3.9		7.2	4.5	2.1	1.7	7.6		3.9		5.7		8.2				2.8		5.3				1.1				5.92	25.4		18.6	188	3.16	3.44	31.8	3.66	6.76
	Butyl benzyl phthalate (BBP)	1 ug/L																																			
	Di-n-butyl phthalate (DBP)	1 ug/L												22				1.3				2.6								5		4.44				7.36		1.68
	Diethyl phthalate	1 ug/L							1.6	6.7		7.3																									
	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					1.7					1.2						4.4				2.3								2.64		2.76			2.12	5.56		2.04
	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																																			
Chlorinated Solvents	Bromodichloromethane	1 ug/L																																			
	Bromoform	1 ug/L																																			
	Carbon tetrachloride	1 ug/L																																			
	Chlorodibromomethane	1 ug/L																																			
	Chloroethane	1 ug/L																																			
	Chloroform	1 ug/L								27		3		6																							
	Dibromomethane	1 ug/L																																			
	1,1-Dichloroethane	1 ug/L																																			
	1,2-Dichloroethane	1 ug/L																																			
	1,1-Dichloroethene	1 ug/L																																			
	cis-1,2-Dichloroethene	1 ug/L															8	6																			
	trans-1,2-Dichloroethene	1 ug/L																																			
	trans-1,3-Dichloropropene	1 ug/L																																			
	Hexachlorobutadiene	1 ug/L																																			
	Methylene chloride	1 ug/L			3	8	6	4	4	29	4	8	5	5	4	4	2	2	2	2	5	5	7	5	6	5						856				43900		
	1,1,2,2-Tetrachloroethane	1 ug/L																																			
	Tetrachloroethene	1 ug/L			45												100			84																	
	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								9000																											
	2-Chlorophenol	0.5 ug/L								1.9																											
	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																																			
	2,4,5-Trichlorophenol	0.5 ug/L																																			
	2,4,6-Trichlorophenol	0.5 ug/L								1.9																											
	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								4.1																											
Short-Chained Chlorinated Paraffins (SCCPs)	Short chain chlorinated paraffins (SCCPs)	0.4 ug/L																																			

	Not Tested
	Not Detected
Value	Detected

BURBERRY

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GLOBAL WATER TESTING RESULTS

September/October 2015 - page 2

Chemical substances		Detection limit	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18	
			Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat
Chlorobenzenes	Chlorobenzene	0.02 ug/L																																		
	4-Chlorotoluene	0.02 ug/L																																		
	1,2-Dichlorobenzene	0.02 ug/L																																		
	1,3-Dichlorobenzene	0.02 ug/L																																		
	1,4-Dichlorobenzene	0.02 ug/L																																		
	1,2,4-Trichlorobenzene	0.02 ug/L																																		
	1,2,3-Trichlorobenzene	0.02 ug/L																																		
	1,3,5-Trichlorobenzene	0.02 ug/L																																		
	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																																		
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																																		
	Benzidine	0.1 ug/L																																		
	m-Toluidine	0.1 ug/L																																		
	N,n-Diethylaniline	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																																		
Glycols	2-Methoxyethanol	5000 ug/L																																		
	2-Methoxyethyl acetate	5000 ug/L																																		
	2-Ethoxyethanol	5000 ug/L																																		
	2-Ethoxyethyl acetate	5000 ug/L																																		
	Bis(2-methoxyethyl)-ether	5000 ug/L																																		
	Triethylene glycol dimethyl ether	5000 ug/L																																		
	2-Methoxypropyl acetate	5000 ug/L																																		
	Ethane, 1,2-dimethoxy-	5000 ug/L																																		
Polycyclic aromatic hydrocarbon (PAH)	Benzo[a]pyrene	0.1 ug/L																																		
	Anthracene	0.1 ug/L																																		
	Pyrene	0.1 ug/L																																		
	Benzo[ghi]perylene	0.1 ug/L																																		
	Benzo[e]pyrene	0.1 ug/L																																		
	Indeno[1,2,3-cd]pyrene	0.1 ug/L																																		
	Benzo[b]fluoranthene	0.1 ug/L																																		
	Fluoranthene	0.1 ug/L																																		
	Benzo[k]fluoranthene	0.1 ug/L																																		
	Acenaphthylene	0.1 ug/L																																		
	Chrysene	0.1 ug/L																																		
	Dibenz(a,h)anthracene	0.1 ug/L																																		
	Benz[a]anthracene	0.1 ug/L																																		
	Acenaphthene	0.1 ug/L																																		
	Phenanthrene	0.1 ug/L																																		
	Fluorene	0.1 ug/L																																		
	Naphthalene	0.1 ug/L																																		
	Benzo @ anthracene	0.1 ug/L																																		
Volatile Organic Compounds (VOC)	Benzene	1 ug/L																																		
	Xylene	1 ug/L																																		
	o-Xylene	1 ug/L																																		
	Benzene, 1,3-dimethyl-	1 ug/L																																		
	p-Xylene	1 ug/L																																		
	Phenol, 2-methyl-	1 ug/L																																		
	p-Cresol	1 ug/L																																		
	Phenol, 3-methyl-	1 ug/L																																		
	Cresol	1 ug/L																																		

Not Tested

Not Detected

Value — Detected

BURBERRY

ESTABLISHED 1856

GLOBAL WATER TESTING RESULTS

March/April 2016

Detox (Incoming water)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	Factories
Factory Type	Dye-house	Dye-house	Printing house	Tannery	Tannery	Finishing house	Dye-house	Finishing house	Dye-house	Finishing house	Dye-house	Dye-house	Laundry	Dye-house and finishing	Dye-house and finishing	Dye-house and finishing	Dye-house and Laundry	Dye-house	
Alkylphenol ethoxylates / Alkylphenols (APEOs/APs)													1						1
Perfluorinated Chemicals (PFCs)																			0
Phthalates (Ortho-Phthalates)													1						1
Chlorinated Solvents													1						1
Chlorophenols																			0
Short-Chained Chlorinated Paraffins (SCCPs)																			0
Chlorobenzenes																			0
Azo dyes																			0
Glycols																			0
Polycyclic aromatic hydrocarbon (PAH)																			0
Volatile Organic Compounds (VOC)																			0

Detox (Wastewater Before Treatment)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	Factories
Factory Type	Dye-house	Dye-house	Printing house	Tannery	Tannery	Finishing	Dye-house	Finishing house	Dye-house	Finishing house	Dye-house	Dye-house	Laundry	Dye-house and finishing	Dye-house and finishing	Dye-house and finishing	Dye-house and Laundry	Dye-house	
Alkylphenol ethoxylates / Alkylphenols (APEOs/APs)	1	1	1		1		1	1	1	1			1				1		10
Perfluorinated Chemicals (PFCs)		1		1	1	1		1	1	1							1		8
Phthalates (Ortho-Phthalates)	1		1	1		1	1	1		1			1	1	1		1	1	12
Chlorinated Solvents		1		1	1			1	1	1		1	1		1		1	1	11
Chlorophenols				1	1														2
Short-Chained Chlorinated Paraffins (SCCPs)																			0
Chlorobenzenes																			0
Azo dyes					1														1
Glycols																			0
Polycyclic aromatic hydrocarbon (PAH)			1	1								1							3
Volatile Organic Compounds (VOC)																			0

	Not Tested
	Not Detected
1	Detected

BURBERRY

ESTABLISHED 1856

GLOBAL WATER TESTING RESULTS

March/April 2016 - page 1

Chemical substances		Detection limit	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18	
			Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat
Alkylphenol ethoxylates / Alkylphenols (APEOs/APs)	Nonylphenol	1 ug/L														3.7				4.2							2	3								2		
	Octylphenol	1 ug/L																																				
	Nonylphenol ethoxoxylates, 1+2 (NPEO 1+2)	5 ug/L																		7.7																		
	Octylphenol ethoxylates, 1+2, (OPEO, 1+2)	5 ug/L																																				
	Nonylphenol ethoxylates, n=3 to n=18 (NPEO 3-18)	5 ug/L		81		170		86								115		140		82		8960															
	Octylphenol ethoxylates, n=3 to n= 16 (OPEO 3-16)	5 ug/L										52								94		150															
Perfluorinated Chemicals (PFCs)	Perfluorooctanoic acid (PFOA)	0.01 ug/L				0.042						0.0127		0.02								0.132															
	Perfluorooctane sulphonates (PFOS)	0.01 ug/L																																				
	Perfluoro-n-hexanoic acid (PFHxA)	0.01 ug/L				0.032								0.18				0.0158																			
	Perfluorohexane sulphonates (PFHxS)	0.01 ug/L																																		0.2		
	Perfluorobutanoic acid (PFBA)	0.01 ug/L												0.04																								
	Perfluorobutane sulphonates (PFBS)	0.01 ug/L								0.0164		0.0559								0.0286																		
Phthalates (Ortho-Phthalates)	Bis (2-ethylhexyl) phthalate (DEHP)	1 ug/L		5						3.8				7.9		17		6.7								2	13		12		26				13		16
	Butyl benzyl phthalate (BBP)	1 ug/L																																				
	Di-n-butyl phthalate (DBP)	1 ug/L												2.1		1.4						115					1										1
	Diethyl phthalate	1 ug/L																				23															
	Dimethyl phthalate	1 ug/L														5.5						17					1										
	Di-n-octyl phthalate (DNOP)	1 ug/L																																				
	Di-isononyl phthalate (DINP)	1 ug/L																				95															
	Di-iso-decyl phthalate (DIDP)	1 ug/L																																				
	Di-isobutyl phthalate (DIBP)	1 ug/L		1.7				1.4						2.4		1.9											1										2
	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																																				
Chlorinated Solvents	Bromodichloromethane	1 ug/L								2.7																	1	1							3		4
	Bromoform	1 ug/L																																	2			
	Carbon tetrachloride	1 ug/L																																				
	Chlorodibromomethane	1 ug/L																																	5			
	Chloroethane	1 ug/L																																				
	Chloroform	1 ug/L				2.4				39		2.3															4	3							2		36
	Dibromomethane	1 ug/L																																				
	1,1-Dichloroethane	1 ug/L																																				
	1,2-Dichloroethane	1 ug/L																																				
	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																								1						1620					53
	1,1,2,2-Tetrachloroethane	1 ug/L																																				
	Tetrachloroethene	1 ug/L																18		2.7		15						2									
	1,1,1-Trichloroethane	1 ug/L																																				
	Trichloroethene	1 ug/L																1.6																			
	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								9300		53																										
	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																																				
	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								2.5																												
	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																																				

	Not Tested
	Not Detected
Value	Detected

BURBERRY

ESTABLISHED 1856

GLOBAL WATER TESTING RESULTS

March/April 2016 - page 2

Chemical substances		Detection limit	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18	
			Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat
Chlorobenzenes	Chlorobenzene	0.02 ug/L																																		
	4-Chlorotoluene	0.02 ug/L																																		
	1,2-Dichlorobenzene	0.02 ug/L																																		
	1,3-Dichlorobenzene	0.02 ug/L																																		
	1,4-Dichlorobenzene	0.02 ug/L																																		
	1,2,4-Trichlorobenzene	0.02 ug/L																																		
	1,2,3-Trichlorobenzene	0.02 ug/L																																		
	1,3,5-Trichlorobenzene	0.02 ug/L																																		
	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																																		
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										6.8																								
	Benzidine	0.1 ug/L																																		
	m-Toluidine	0.1 ug/L																																		
	N,n-Diethylaniline	0.1 ug/L										2.3																								
	n-Ethylaniline	0.1 ug/L										0.3																								
	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																																		
Glycols	2-Methoxyethanol	5000 ug/L																																		
	2-Methoxyethyl acetate	5000 ug/L																																		
	2-Ethoxyethanol	5000 ug/L																																		
	2-Ethoxyethyl acetate	5000 ug/L																																		
	Bis(2-methoxyethyl)-ether	5000 ug/L																																		
	Triethylene glycol dimethyl ether	5000 ug/L																																		
	2-Methoxypropyl acetate	5000 ug/L																																		
	Ethane, 1,2-dimethoxy-	5000 ug/L																																		
Polycyclic aromatic hydrocarbon (PAH)	Benzo[a]pyrene	0.1 ug/L																																		
	Anthracene	0.1 ug/L																																		
	Pyrene	0.1 ug/L																																		
	Benzo[ghi]perylene	0.1 ug/L																																		
	Benzo[e]pyrene	0.1 ug/L																																		
	Indeno[1,2,3-cd]pyrene	0.1 ug/L																																		
	Benzo[b]fluoranthene	0.1 ug/L																																		
	Fluoranthene	0.1 ug/L																																		
	Benzo[k]fluoranthene	0.1 ug/L																																		
	Acenaphthylene	0.1 ug/L																																		
	Chrysene	0.1 ug/L																																		
	Dibenz(a,h)anthracene	0.1 ug/L																																		
	Benz[a]anthracene	0.1 ug/L																																		
	Acenaphthene	0.1 ug/L						176																												
	Phenanthrene	0.1 ug/L						45																		14										
	Fluorene	0.1 ug/L																																		
	Naphthalene	0.1 ug/L								170																420										
	Benzo @ anthracene	0.1 ug/L																																		
Volatile Organic Compounds (VOC)	Benzene	1 ug/L																																		
	Xylene	1 ug/L																																		
	o-Xylene	1 ug/L																																		
	Benzene, 1,3-dimethyl-	1 ug/L																																		
	p-Xylene	1 ug/L																																		
	Phenol, 2-methyl-	1 ug/L																																		
	p-Cresol	1 ug/L																																		
	Phenol, 3-methyl-	1 ug/L																																		
	Cresol	1 ug/L																																		

Not Tested

Not Detected

Value — Detected

BURBERRY

ESTABLISHED 1856

GLOBAL WATER TESTING RESULTS

October/November 2016

Detox (Incoming water)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	Factories
Factory Type	Dye-house	Dye-house	Printing house	Tannery	Tannery	Finishing house	Dye-house	Finishing house	Dye-house	Finishing house	Dye-house	Dye-house	Laundry	Dye-house and finishing	Dye-house and finishing	Dye-house and finishing	Dye-house and Laundry	Dye-house	
Alkylphenol ethoxylates / Alkylphenols (APEOs/APs)																			0
Perfluorinated Chemicals (PFCs)				1															1
Phthalates (Ortho-Phthalates)																			0
Chlorinated Solvents				1				1											2
Chlorophenols																			0
Short-Chained Chlorinated Paraffins (SCCPs)																			0
Chlorobenzenes																			0
Azo dyes																			0
Glycols																			0
Polycyclic aromatic hydrocarbon (PAH)																			0
Volatile Organic Compounds (VOC)																			0

Detox (Wastewater Before Treatment)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	Factories
Factory Type	Dye-house	Dye-house	Printing house	Tannery	Tannery	Finishing	Dye-house	Finishing house	Dye-house	Finishing house	Dye-house	Dye-house	Laundry	Dye-house and finishing	Dye-house and finishing	Dye-house and finishing	Dye-house and Laundry	Dye-house	
Alkylphenol ethoxylates / Alkylphenols (APEOs/APs)		1	1		1		1	1		1		1	1	1					9
Perfluorinated Chemicals (PFCs)		1		1		1				1									4
Phthalates (Ortho-Phthalates)	1	1	1		1		1	1		1		1	1		1			1	11
Chlorinated Solvents			1	1	1			1		1			1				1		7
Chlorophenols				1	1														2
Short-Chained Chlorinated Paraffins (SCCPs)																			0
Chlorobenzenes																			0
Azo dyes			1	1					1										3
Glycols																			0
Polycyclic aromatic hydrocarbon (PAH)				1	1				1			1							4
Volatile Organic Compounds (VOC)				1															1

	Not Tested
	Not Detected
1	Detected

BURBERRY

ESTABLISHED 1856

GLOBAL WATER TESTING RESULTS

October/November 2016 - page 1

Chemical substances		Detection limit	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18	
			Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat
Alkylphenol ethoxylates / Alkylphenols (APEOs/APs)	Nonylphenol	1 ug/L																										12.7		2.6								
	Octylphenol	1 ug/L																																				
	Nonylphenol ethoxylates, 1+2 (NPEO 1+2)	5 ug/L																																				
	Octylphenol ethoxylates, 1+2, (OPEO, 1+2)	5 ug/L																																				
	Nonylphenol ethoxylates, n=3 to n=18 (NPEO 3-18)	5 ug/L				51						56						130				1100				93											
	Octylphenol ethoxylates, n=3 to n= 16 (OPEO 3-16)	5 ug/L						190				74				44						140															
Perfluorinated Chemicals (PFCs)	Perfluorooctanoic acid (PFOA)	0.01 ug/L				0.011				0.011				0.0305								0.0195															
	Perfluorooctane sulphonates (PFOS)	0.01 ug/L																																				
	Perfluoro-n-hexanoic acid (PFHxA)	0.01 ug/L												0.303																							
	Perfluorohexane sulphonates (PFHxS)	0.01 ug/L																																				
	Perfluorobutanoic acid (PFBA)	0.01 ug/L												0.01																							
	Perfluorobutane sulphonates (PFBS)	0.01 ug/L							0.0257	0.516																												
Phthalates (Ortho-Phthalates)	Bis (2-ethylhexyl) phthalate (DEHP)	1 ug/L		4		3		1.9								20		13				12				1.4		14				7					2
	Butyl benzyl phthalate (BBP)	1 ug/L																																				
	Di-n-butyl phthalate (DBP)	1 ug/L										1.1						1.2				15				1.8		5									2
	Diethyl phthalate	1 ug/L																				3.3															
	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																2.8				11				1.5		5				1					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																																				
	Di-cyclohexyl phthalate (DCHP)	1 ug/L																																				
	Dinonyl phthalate (DNP)	1 ug/L																																				
Chlorinated Solvents	Bromodichloromethane	1 ug/L																																		6		
	Bromoform	1 ug/L																																		1		
	Carbon tetrachloride	1 ug/L																																				
	Chlorodibromomethane	1 ug/L																																		5		
	Chloroethane	1 ug/L																																				
	Chloroform	1 ug/L						4.8		4.3		3.4																								4		
	Dibromomethane	1 ug/L																																				
	1,1-Dichloroethane	1 ug/L																																				
	1,2-Dichloroethane	1 ug/L																																				
	1,1-Dichloroethene	1 ug/L																																				
	cis-1,2-Dichloroethene	1 ug/L															7.7											17.6										
	trans-1,2-Dichloroethene	1 ug/L																																				
	trans-1,3-Dichloropropene	1 ug/L																																				
	Hexachlorobutadiene	1 ug/L																																				
	Methylene chloride	1 ug/L										1.2						1.9																		3		
	1,1,2,2-Tetrachloroethane	1 ug/L																																				
	Tetrachloroethene	1 ug/L								67							23	140				18															
	1,1,1-Trichloroethane	1 ug/L																																				
	Trichloroethene	1 ug/L															4.6	2.2																				
	Vinyl chloride	1 ug/L							74																													
	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								210		210																										
	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																																				
	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																																				

BURBERRY

ESTABLISHED 1856

GLOBAL WATER TESTING RESULTS

Chemical substances		Detection limit	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18	
			Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat
Chlorobenzenes	Chlorobenzene	0.02 ug/L																																		
	4-Chlorotoluene	0.02 ug/L																																		
	1,2-Dichlorobenzene	0.02 ug/L																																		
	1,3-Dichlorobenzene	0.02 ug/L																																		
	1,4-Dichlorobenzene	0.02 ug/L																																		
	1,2,4-Trichlorobenzene	0.02 ug/L																																		
	1,2,3-Trichlorobenzene	0.02 ug/L																																		
	1,3,5-Trichlorobenzene	0.02 ug/L																																		
	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																																		
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						1.2																												
	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						1.7		14.3										3.6																
	Benzidine	0.1 ug/L																																		
	m-Toluidine	0.1 ug/L																																		
	N,n-Diethylaniline	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																																		
Glycols	2-Methoxyethanol	5000 ug/L																																		
	2-Methoxyethyl acetate	5000 ug/L																																		
	2-Ethoxyethanol	5000 ug/L																																		
	2-Ethoxyethyl acetate	5000 ug/L																																		
	Bis(2-methoxyethyl)-ether	5000 ug/L																																		
	Triethylene glycol dimethyl ether	5000 ug/L																																		
	2-Methoxypropyl acetate	5000 ug/L																																		
	Ethane, 1,2-dimethoxy-	5000 ug/L																																		
Polycyclic aromatic hydrocarbon (PAH)	Benzo[a]pyrene	0.1 ug/L																																		
	Anthracene	0.1 ug/L																																		
	Pyrene	0.1 ug/L																																		
	Benzo[ghi]perylene	0.1 ug/L																																		
	Benzo[e]pyrene	0.1 ug/L																																		
	Indeno[1,2,3-cd]pyrene	0.1 ug/L																																		
	Benzo[b]fluoranthene	0.1 ug/L																																		
	Fluoranthene	0.1 ug/L																																		
	Benzo[k]fluoranthene	0.1 ug/L																																		
	Acenaphthylene	0.1 ug/L																																		
	Chrysene	0.1 ug/L																																		
	Dibenz(a,h)anthracene	0.1 ug/L																																		
	Benz[a]anthracene	0.1 ug/L																																		
	Acenaphthene	0.1 ug/L																																		
	Phenanthrene	0.1 ug/L																																		
	Fluorene	0.1 ug/L																																		
	Naphthalene	0.1 ug/L								6.7		1.2								0.3						0.4										
	Benzo @ anthracene	0.1 ug/L																																		
Volatile Organic Compounds (VOC)	Benzene	1 ug/L								7.2																										
	Xylene	1 ug/L								8.1																										
	o-Xylene	1 ug/L								4.5																										
	Benzene, 1,3-dimethyl-	1 ug/L																																		
	p-Xylene	1 ug/L								3.6																										
	Phenol, 2-methyl-	1 ug/L																																		
	p-Cresol	1 ug/L																																		
	Phenol, 3-methyl-	1 ug/L																																		
	Cresol	1 ug/L																																		

	Not Tested
	Not Detected
Value	Detected

BURBERRY

ESTABLISHED 1856

GLOBAL WATER TESTING RESULTS

February/March 2017

Detox (Incoming water)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Factory Type	Dye-house	Dye-house	Printing house	Tannery	Tannery	Finishing house	Dye-house	Finishing house	Dye-house	Finishing house	Dye-house	Dye-house	Laundry	Dye-house and finishing	Dye-house and finishing	Dye-house and finishing	Dye-house and Laundry	Dye-house	Factories
Alkylphenol ethoxylates / Alkylphenols (APEOs/APs)																	1	1	2
Perfluorinated Chemicals (PFCs)					1	1							1				1		4
Phthalates (Ortho-Phthalates)		1		1						1									3
Chlorinated Solvents					1														1
Chlorophenols																			0
Short-Chained Chlorinated Paraffins (SCCPs)																			0
Chlorobenzenes									1	1			1					1	4
Azo dyes																			0
Glycols																			0
Polycyclic aromatic hydrocarbon (PAH)																			0
Volatile Organic Compounds (VOC)																			0

Detox (Wastewater Before Treatment)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Factory Type	Dye-house	Dye-house	Printing house	Tannery	Tannery	Finishing	Dye-house	Finishing house	Dye-house	Finishing house	Dye-house	Dye-house	Laundry	Dye-house and finishing	Dye-house and finishing	Dye-house and finishing	Dye-house and Laundry	Dye-house	Factories
Alkylphenol ethoxylates / Alkylphenols (APEOs/APs)				1		1	1					1		1			1	1	7
Perfluorinated Chemicals (PFCs)					1	1							1		1		1		5
Phthalates (Ortho-Phthalates)	1	1	1	1			1			1		1	1						8
Chlorinated Solvents	1				1	1						1	1						5
Chlorophenols			1	1	1														3
Short-Chained Chlorinated Paraffins (SCCPs)																			0
Chlorobenzenes									1	1		1	1					1	5
Azo dyes																			0
Glycols																			0
Polycyclic aromatic hydrocarbon (PAH)				1															1
Volatile Organic Compounds (VOC)					1														1

	Not Tested
	Not Detected
1	Detected

BURBERRY

ESTABLISHED 1856

GLOBAL WATER TESTING RESULTS

February/March 2017 - page 1

Chemical substances		Detection limit	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18	
			Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat
Alkylphenol ethoxylates / Alkylphenols (APEOs/APs)	Nonylphenol	1 ug/L																										18					4	5	3	8
	Octylphenol	1 ug/L																																		
	Nonylphenol ethoxxylates, 1+2 (NPEO 1+2)	5 ug/L																																		
	Octylphenol ethoxylates, 1+2, (OPEO, 1+2)	5 ug/L																																		
	Nonylphenol ethoxylates, n=3 to n=18 (NPEO 3-18)	5 ug/L								12				19		64										100										
	Octylphenol ethoxylates, n=3 to n= 16 (OPEO 3-16)	5 ug/L												18		62																				
Perfluorinated Chemicals (PFCs)	Perfluorooctanoic acid (PFOA)	0.01 ug/L									0.0122		0.0313	0.0424																			0.1	0.1		
	Perfluorooctane sulphonates (PFOS)	0.01 ug/L																									0.08	0.07				0.03				
	Perfluoro-n-hexanoic acid (PFHxA)	0.01 ug/L									0.0106		0.106	0.166																						
	Perfluorohexane sulphonates (PFHxS)	0.01 ug/L										0.0202																								
	Perfluorobutanoic acid (PFBA)	0.01 ug/L											0.0127	0.0523																						
	Perfluorobutane sulphonates (PFBS)	0.01 ug/L									0.204	0.142																								
Phthalates (Ortho-Phthalates)	Bis (2-ethylhexyl) phthalate (DEHP)	1 ug/L		1.4	1	2		5	4	6											1	4				6.7		14								
	Butyl benzyl phthalate (BBP)	1 ug/L																																		
	Di-n-butyl phthalate (DBP)	1 ug/L														1.1										1										
	Diethyl phthalate	1 ug/L																																		
	Dimethyl phthalate	1 ug/L																																		
	Di-n-octyl phthalate (DNOP)	1 ug/L																																		
	Di-isononyl phthalate (DINP)	1 ug/L						6																												
	Di-iso-decyl phthalate (DIDP)	1 ug/L																																		
	Di-isobutyl phthalate (DIBP)	1 ug/L																								1.1										
	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																																		
Chlorinated Solvents	Bromodichloromethane	1 ug/L																																		
	Bromoform	1 ug/L																																		
	Carbon tetrachloride	1 ug/L																																		
	Chlorodibromomethane	1 ug/L																																		
	Chloroethane	1 ug/L																																		
	Chloroform	1 ug/L										19		1.5																						
	Dibromomethane	1 ug/L																																		
	1,1-Dichloroethane	1 ug/L																																		
	1,2-Dichloroethane	1 ug/L																																		
	1,1-Dichloroethene	1 ug/L																																		
	cis-1,2-Dichloroethene	1 ug/L									6.6																									
	trans-1,2-Dichloroethene	1 ug/L																																		
	trans-1,3-Dichloropropene	1 ug/L																																		
	Hexachlorobutadiene	1 ug/L																																		
	Methylene chloride	1 ug/L		11								6														8										
	1,1,2,2-Tetrachloroethane	1 ug/L																																		
	Tetrachloroethene	1 ug/L									2.6																	2									
	1,1,1-Trichloroethane	1 ug/L									1																									
	Trichloroethene	1 ug/L									1.9																									
	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						11.2		662		180																								
	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																																		
	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																																		

	Not Tested
	Not Detected
Value	Detected

BURBERRY

ESTABLISHED 1856

GLOBAL WATER TESTING RESULTS

February/March 2017 - page 2

Chemical substances		Detection limit	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18	
			Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat	Incoming	WW before treat
	Chlorobenzene	0.02 ug/L																	0.44	0.57	2.18	1.69					0.2	0.3									0.09	0.08
Chlorobenzenes	4-Chlorotoluene	0.02 ug/L																																		
	1,2-Dichlorobenzene	0.02 ug/L																							0.03											
	1,3-Dichlorobenzene	0.02 ug/L																																		0.04
	1,4-Dichlorobenzene	0.02 ug/L																																		
	1,2,4-Trichlorobenzene	0.02 ug/L																																		
	1,2,3-Trichlorobenzene	0.02 ug/L																																		
	1,3,5-Trichlorobenzene	0.02 ug/L																																		
	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																																		
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										1.58																								
	Benzidine	0.1 ug/L																																		
	m-Toluidine	0.1 ug/L																																		
	n,n-Diethylaniline	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																																		
Glycols	2-Methoxyethanol	5000 ug/L																																		
	2-Methoxyethyl acetate	5000 ug/L																																		
	2-Ethoxyethanol	5000 ug/L																																		
	2-Ethoxyethyl acetate	5000 ug/L																																		
	Bis(2-methoxyethyl)-ether	5000 ug/L																																		
	Triethylene glycol dimethyl ether	5000 ug/L																																		
	2-Methoxypropyl acetate	5000 ug/L																																		
	Ethane, 1,2-dimethoxy-	5000 ug/L																																		
Polycyclic aromatic hydrocarbon (PAH)	Benzo(a)pyrene	0.1 ug/L																																		
	Anthracene	0.1 ug/L																																		
	Pyrene	0.1 ug/L																																		
	Benzo[ghi]perylene	0.1 ug/L																																		
	Benzo[e]pyrene	0.1 ug/L																																		
	Indeno(1,2,3-cd)pyrene	0.1 ug/L																																		
	Benzo[b]fluoranthene	0.1 ug/L																																		
	Fluoranthene	0.1 ug/L																																		
	Benzo[k]fluoranthene	0.1 ug/L																																		
	Acenaphthylene	0.1 ug/L																																		
	Chrysene	0.1 ug/L																																		
	Dibenz(a,h)anthracene	0.1 ug/L																																		
	Benz[a]anthracene	0.1 ug/L																																		
	Acenaphthene	0.1 ug/L																																		
	Phenanthrene	0.1 ug/L																																		
	Fluorene	0.1 ug/L																																		
	Naphthalene	0.1 ug/L								13.4																										
	Benzo @ anthracene	0.1 ug/L																																		
Volatile Organic Compounds (VOC)	Benzene	1 ug/L																																		
	Xylene	1 ug/L										92																								
	o-Xylene	1 ug/L										40																								
	Benzene, 1,3-dimethyl-	1 ug/L																																		
	p-Xylene	1 ug/L										52																								
	Phenol, 2-methyl-	1 ug/L																																		
	p-Cresol	1 ug/L																																		
	Phenol, 3-methyl-	1 ug/L																																		
	Cresol	1 ug/L																																		

	Not Tested
	Not Detected
Value	Detected