

BURBERRY
ESTABLISHED 1856
GLOBAL WATER TESTING RESULTS

October 2021 - Conventional Parameters (Direct discharge facilities) Pg.1										
Conventional Parameters (mg/L unless otherwise noted)	Level achieved			Facility 1	Facility 2	Facility 3	Facility 4	Facility 5	Facility 6	Facility 7
	Foundational	Progressive	Aspirational	Wastewater (Treated)	Wastewater (Treated)	Wastewater (Treated)	Wastewater (Treated)	Wastewater (Treated)	Wastewater (Treated)	Wastewater (Treated)
Temperature [°C]	Δ15 / max. 35	Δ10 or 30	Δ5 or 25	30.4	31.7	25.9	34	26.8	34	32.3
TSS	50	15	5	8.8	0	0	16	4	11	23
COD	150	80	40	52	33	14	47	41	48	38
Total-N	20	10	5	0	5.8	10	0	17	8.2	13.8
pH	6 - 9			8.5	6.9	7.8	7.9	7.8	8.7	8.03
Colour [m-1] (436nm; 525; 620nm)	7; 5; 3	5; 3; 2	2; 1; 1	2.6; 2.1; 1.8	4.7; 2.6; 1.6	1.42;1.22;0.65	4.5;2.1;1.1	2.9 ; 2; 1	0.6; 0.3; 0.1	0; 0; 0
BOD5	30	15	5	18	8	0	0	14	4.3	7.1
Ammonium-N	10	1	0.5	0	0	1.9	0	3.6	1.76	4.84
Total-P	3	0.5	0.1	0.16	0.67	0.5	1.7	0	1.48	0
AOX	5	1	0.1	0	0.12	0	0	0.07	0	0
Oil and Grease	10	2	0.5	0		0.3	0	0.5	0	0.3
Phenol	0.5	0.01	0.001	0		0	0	0	0	0.002
Coliform [bacteria/100 ml]	400	100	25	0	2400		0	2000	88000	140
Persistent Foam	Not visible			Not visible			Not visible	Not visible	Not visible	Not visible
Anions										
Cyanide	0.2	0.1	0.05	0	0		0	0	0	0.021
Sulfide	0.5	0.05	0.01	0	0	0	0	0.01	0.04	0.034
Sulfite	2	0.5	0.2	0		0.2	0	0.3	0	0
Metals										
Antimony	0.1	0.05	0.01	0		0.0003	0.16	0	0.0012	0
Chromium, total	0.2	0.1	0.05	0	0.016	0.02	0	0.0034	0.0022	0.002
Cobalt	0.05	0.02	0.01	0	0	0	0	0	0	0.002
Copper	1	0.5	0.25	0	0.026		0	0.011	0.0077	0.023
Nickel	0.2	0.1	0.05	0	0		0	0.0033	0	0.006
Silver	0.1	0.05	0.005	0	0	0	0	0	0	0
Zinc	5	1	0.5	0	0.23	0.1	0	0.33	0.0532	0.163
Arsenic	0.05	0.01	0.005	0	0.001	0.0003	0	0	0.0019	0
Cadmium	0.1	0.05	0.01	0	0	0	0	0	0	0.0004
Chromium (VI)	0.05	0.005	0.001	0	0	0	0	0	0	0
Lead	0.1	0.05	0.01	0	0		0	0.0027	0.002	0.004
Mercury	0.01	0.005	0.001	0	0.003		0	0	0	0.00013

BURBERRY
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GLOBAL WATER TESTING RESULTS

April 2022 - Conventional Parameters (Direct discharge facilities) Pg.1

Conventional Parameters (mg/L unless otherwise noted)	Level achieved			Facility 1	Facility 2	Facility 3	Facility 4	Facility 5	Facility 6	Facility 7	Facility 8
	Foundational	Progressive	Aspirational	Wastewater (Treated)	Wastewater (Treated)	Wastewater (Treated)	Wastewater (Treated)	Wastewater (Treated)	Wastewater (Treated)	Wastewater (Treated)	Wastewater (Treated)
Temperature [°C]	Δ15 / max. 35	Δ10 or 30	Δ5 or 25	23.4	0	23.7	25.1	22.3	29.4	29	24.8
TSS	50	15	5	27	17	48.9	12	2	0	14	25
COD	150	80	40	90	60	106	47	28	62	120	27
Total-N	20	10	5	6.5	20.8	29.6	0	12.1	28.2	7.9	11.8
pH	6 - 9			8	6.9	7.4	7.6	7.9	7.9	8	7.88
Colour [m-1] (436nm; 525; 620nm)	7; 5; 3	5; 3; 2	2; 1; 1	12;11;12	7;5;4	0;0;0	4.8; 2.3; 1.3	2.7;0.9;0.4	0.3;0.1;0	3.5; 2; 1.2	0; 0; 0
BOD5	30	15	5	6	60	50.5	0	16	0	32	3.4
Ammonium-N	10	1	0.5	0.8	0	29.5	0	0.88	0	7.6	1.65
Total-P	3	0.5	0.1	1.9	1.05	0.83	0.8	0	2.87	3.62	0.01
AOX	5	1	0.1	0	0.18	0	0	0.14	0	0	0.695
Oil and Grease	10	2	0.5	0	1.2	0	0	2.3	0	0	0.1
Phenol	0.5	0.01	0.001	0.2	0	0	0.006	0	0	0	0
Coliform [bacteria/100 ml]	400	100	25	100	370000	63000	4000	2000	9300	1800000	330
Persistent Foam	Not visible			Not visible			Not visible		Not visible	Not visible	Not visible

Anions

Cyanide	0.2	0.1	0.05	0	0	0	0	0	0	0	0
Sulfide	0.5	0.05	0.01	0	0	0	0	0.01	0	0	0.008
Sulfite	2	0.5	0.2	0	0	0	0	0.2	0	0.8	0

Metals

Antimony	0.1	0.05	0.01	0.188	0.011	0	0.21	0	0.0039	0.0161	0
Chromium, total	0.2	0.1	0.05	0.007	0.03	0	0	0	0	0.0065	0
Cobalt	0.05	0.02	0.01	0	0	0	0	2000	0	0.0012	0
Copper	1	0.5	0.25	0.021	0.009	0	0	0.0086	0.0071	0.0239	0.013
Nickel	0.2	0.1	0.05	0.0015	0	0	0	0.0276	0.0025	0.0046	0
Silver	0.1	0.05	0.005	0	0	0	0	0	0	0	0
Zinc	5	1	0.5	0.258	23.3	0	0	0.14	0.0425	0.0415	0.052
Arsenic	0.05	0.01	0.005	0	0	0	0	0	0.0032	0.0036	0
Cadmium	0.1	0.05	0.01	0	0	0	0	0	0	0.00073	0
Chromium (VI)	0.05	0.005	0.001	0	0	0	0	0	0	0	0
Lead	0.1	0.05	0.01	0	0	0	0	0	0.0028	0.0225	0
Mercury	0.01	0.005	0.001	0	0.001	0	0	0	0.000226	0.00072	0