

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 January 2020 to 31 December 2020

Treatment Works: Alderley Treated

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Coliforms Confirmed	104		0.00	0.00	0.00	0	cfu/100mL
E.Coli Confirmed	104		0.00	0.00	0.00	0	cfu/100mL
Total Coliforms (Confirmed)	104		0.00	0.00	0.00	0	cfu/100mL
Clostridia Perfringens Confirmed	24		0.00	0.00	0.00	0	cfu/100mL
Colony Count after 3 days @22C	104		0.00	0.15	4.00		cfu/mL
Colony Count after 2 days @37C	46		0.00	0.04	1.00		cfu/mL
Field Free Chlorine	104		0.48	0.55	0.72		mg/L
Field Total Chlorine	104		0.50	0.58	0.78		mg/L
Conductivity	24		349.00	633.00	674.00	2500	uS/cm
Turbidity - Indicator	104		< 0.15	0.18	0.31	1	ntu
Benzene	10		< 0.09	0.09	0.09	1	µg/l
Boron Total	10		57.40	63.45	73.00		µg/l
Chloride as Cl	10		24.80	27.99	31.70	250	mgCl/l
Cyanide Total as CN	10		< 5.50	5.50	5.50	50	µgCN/l
Fluoride	10		150.00	167.00	200.00	1500	µg/l
Mercury Total	10		< 0.06	0.06	0.06		µgHg/l
Nitrate as NO3	10		9.99	11.40	13.12		mgNO3/l
Nitrite as NO2	10		< 0.00	0.00	0.00	0.1	mgNO2/l
Total Oxidised Nitrogen	10		9.99	11.40	13.13		mg/L
Nitrogen Formula	10		0.20	0.23	0.26		mg/L
Sulphate	10		48.10	50.23	52.80	250	mgSO4/l
Total organic Carbon	10		0.50	0.68	0.70	0.0	mg/L
1,2 Dichloroethane	10		< 0.16	0.16	0.16	3	µg/l
Tetrachloroethene	10		< 0.37	0.37	0.37		µg/l
Trichloroethene	10		< 0.34	0.34	0.34		µg/l
Total Chlorethenes	10		0.71	0.71	0.71	10	µg/l

Prescribed Concentration Values

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Tetrachloromethane	10		< 0.13	0.13	0.13	3	µg/l
Total Pesticides	8		0.00	0.00	0.00	0.5	µg/l
Metaldehyde	8		< 0.00	0.01	0.01	0.1	µg/l