

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 July 2022 to 30 June 2023

Treatment Works: Alderley Treated

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Coliforms Confirmed	105		0.00	0.00	0.00	0	cfu/100mL
E.Coli Confirmed	105		0.00	0.00	0.00	0	cfu/100mL
Total Coliforms (Confirmed)	105		0.00	0.00	0.00	0	cfu/100mL
Clostridia Perfringens Confirmed	24		0.00	0.00	0.00		cfu/100mL
Colony Count after 3 days @22C	105		0.00	0.28	19.00		cfu/mL
Field Free Chlorine	105		0.38	0.56	0.76		mg/L
Field Total Chlorine	105		0.42	0.59	0.88		mg/L
Conductivity	24		611.00	636.13	661.00	2500	uS/cm
Turbidity - Indicator	105		< 0.13	0.15	0.41	1	ntu
Benzene	9		< 0.06	0.06	0.06	1	µg/l
Boron Total	9		55.30	88.33	131.00		µg/l
Chloride as Cl	9		25.00	26.21	27.60	250	mgCl/l
Cyanide Total as CN	9		< 1.20	1.20	1.20	50	µgCN/l
Fluoride	9		150.00	191.11	220.00	1500	µg/l
Mercury Total	9		< 0.04	0.05	0.12		µgHg/l
Nitrate as NO3	9		8.20	10.00	12.23		mgNO3/l
Nitrite as NO2	9		< 0.00	0.00	0.00	0.1	mgNO2/l
Total Oxidised Nitrogen	9		8.20	10.00	12.23		mg/L
Nitrogen Formula	9		0.17	0.20	0.25		mg/L
Sulphate	9		46.70	49.80	53.60	250	mgSO4/l
Total organic Carbon	9		< 0.70	0.70	0.73	0.0	mg/L
1,2 Dichloroethane	9		< 0.16	0.16	0.16	3	µg/l
Tetrachloroethene	9		< 0.45	0.45	0.45		µg/l
Trichloroethene	9		< 0.40	0.40	0.40		µg/l
Total Chlorethenes	9		0.85	0.85	0.85	10	µg/l
Tetrachloromethane	9		< 0.16	0.16	0.16	3	µg/l

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Total Pesticides	8		0.00	0.00	0.00		µg/l