

PUBLIC REGISTER OF INFORMATION
Water Quality Summary Date Range: 01 January 2021 to 31 December 2021

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	0.14	7.00		cfu/mL
Field Free Chlorine	104		0.41	0.57	0.80		mg/L
Field Total Chlorine	104		0.50	0.62	0.92		mg/L
Conductivity	24		605.00	635.88	665.00	2500	uS/cm
Turbidity - Indicator	104		< 0.13	0.15	0.30	1	ntu
Benzene	8		< 0.06	0.06	0.06	1	µg/l
Boron Total	8		57.00	61.94	72.60		µg/l
Chloride as Cl	8		24.70	27.26	31.20	250	mgCl/l
Cyanide Total as CN	8		< 1.20	4.96	5.50	50	µgCN/l
Fluoride	8		150.00	166.25	190.00	1500	µg/l
Mercury Total	8		< 0.06	0.06	0.06		µgHg/l
Nitrate as NO3	8		10.08	11.39	12.58		mgNO3/l
Nitrite as NO2	8		< 0.00	0.00	0.02	0.1	mgNO2/l
Total Oxidised Nitrogen	8		10.08	11.39	12.58		mg/L
Nitrogen Formula	8		0.20	0.23	0.25		mg/L
Sulphate	8		47.10	48.82	50.50	250	mgSO4/l
Total organic Carbon	8		0.60	0.69	0.70	0.0	mg/L
1,2 Dichloroethane	8		< 0.16	0.16	0.16	3	µg/l
Tetrachloroethene	8		< 0.45	0.45	0.45		µg/l
Trichloroethene	8		< 0.40	0.40	0.40		µg/l
Total Chlorethenes	8		0.85	0.85	0.85	10	µg/l
Tetrachloromethane	8		< 0.16	0.16	0.16	3	µg/l

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Pesticides	8		0.00	0.00	0.00	0.5	µg/l
Metaldehyde	8		< 0.01	0.01	0.01	0.1	µg/l