

PUBLIC REGISTER OF INFORMATION
Water Quality Summary Date Range: 01 July 2020 to 30 June 2021

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	25		0.00	0.00	0.00	0	cfu/100mL
Colony Count after 3 days @22C	105		0.00	0.16	4.00		cfu/mL
Field Free Chlorine	105		0.41	0.57	0.80		mg/L
Field Total Chlorine	105		0.50	0.61	0.92		mg/L
Conductivity	24		349.00	631.04	674.00	2500	uS/cm
Turbidity - Indicator	105		0.13	0.16	0.27	1	ntu
Benzene	8	<	0.06	0.08	0.09	1	µg/l
Boron Total	8		57.40	61.75	73.00		µg/l
Chloride as Cl	8		24.80	27.96	31.20	250	mgCl/l
Cyanide Total as CN	8	<	5.50	5.50	5.50	50	µgCN/l
Fluoride	8		150.00	161.25	180.00	1500	µg/l
Mercury Total	8	<	0.06	0.06	0.06		µgHg/l
Nitrate as NO3	8		9.99	11.28	12.58		mgNO3/l
Nitrite as NO2	8	<	0.00	0.00	0.00	0.1	mgNO2/l
Total Oxidised Nitrogen	8		9.99	11.29	12.58		mg/L
Nitrogen Formula	8		0.20	0.23	0.25		mg/L
Sulphate	8		47.10	49.12	51.20	250	mgSO4/l
Total organic Carbon	8	<	0.50	0.66	0.70	0.0	mg/L
1,2 Dichloroethane	8	<	0.16	0.16	0.16	3	µg/l
Tetrachloroethene	8	<	0.37	0.41	0.45		µg/l
Trichloroethene	8	<	0.34	0.37	0.40		µg/l
Total Chlorethenes	8		0.71	0.78	0.85	10	µg/l
Tetrachloromethane	8	<	0.13	0.14	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