

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 July 2020 to 30 June 2021

Treatment Works: Chelvey Treated (27410006)

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Coliforms Confirmed	207	1	0.00	0.01	1.00	0	cfu/100mL
E.Coli Confirmed	207		0.00	0.00	0.00	0	cfu/100mL
Total Coliforms (Confirmed)	207	1	0.00	0.01	1.00	0	cfu/100mL
Clostridia Perfringens Confirmed	35		0.00	0.00	0.00	0	cfu/100mL
Colony Count after 3 days @22C	207		0.00	0.68	59.00		cfu/mL
Field Free Chlorine	207		0.21	0.51	0.96		mg/L
Field Total Chlorine	207		0.33	0.55	1.05		mg/L
Conductivity	36		628.00	655.85	676.00	2500	uS/cm
Turbidity - Indicator	207		< 0.13	0.17	0.45	1	ntu
Benzene	11		< 0.06	0.08	0.09	1	µg/l
Boron Total	11		25.50	31.80	37.40		µg/l
Chloride as Cl	11		28.10	29.44	31.50		mgCl/l
Cyanide Total as CN	12		< 5.50	5.50	5.50	50	µgCN/l
Fluoride	11		50.00	81.00	110.00	1500	µg/l
Gross Alpha	9		0.04	0.06	0.08		Bq/L
Gross Beta	9		0.07	0.08	0.11		Bq/L
Mercury Total	11		< 0.06	0.06	0.06		µgHg/l
Nitrate as NO3	10		20.32	21.65	23.24		mgNO3/l
Nitrite as NO2	10		< 0.00	0.00	0.00	0.1	mgNO2/l
Total Oxidised Nitrogen	10		20.32	21.65	23.24		mg/L
Nitrogen Formula	10		0.41	0.43	0.47		mg/L
Sulphate	11		22.40	25.56	28.70	250	mgSO4/l
Total organic Carbon	11		< 0.60	0.69	0.70	0.0	mg/L
1,2 Dichloroethane	11		< 0.16	0.16	0.16	3	µg/l
Tetrachloroethene	11		< 0.37	0.40	0.45		µg/l
Trichloroethene	11		< 0.34	0.37	0.40		µg/l

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Chlorethenes	11		0.71	0.76	0.85	10	µg/l
Tetrachloromethane	11		0.13	0.14	0.16		µg/l
Total Pesticides	9		0.00	0.00	0.00	0.5	µg/l
Glyphosate	4		< 0.00	0.00	0.00	0.1	µg/l
Metaldehyde	9		< 0.01	0.01	0.01	0.1	µg/l