

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

**Treatment Works:** Chelvey Treated (27410006)

**Prescribed Concentration Values**

<b>Test Description</b>	<b>No. of Samples</b>	<b>No. of Failures</b>	<b>Min</b>	<b>Mean</b>	<b>Max</b>	<b>PCV</b>	<b>Units</b>
Coliforms Confirmed	209		0.00	0.00	0.00		cfu/100mL
E.Coli Confirmed	209		0.00	0.00	0.00		cfu/100mL
Total Coliforms (Confirmed)	209		0.00	0.00	0.00		cfu/100mL
Clostridia Perfringens Confirmed	36		0.00	0.00	0.00		cfu/100mL
Colony Count after 3 days @22C	209		0.00	1.98	215.00		cfu/mL
Field Free Chlorine	209		0.21	0.53	0.96		mg/L
Field Total Chlorine	209		0.33	0.57	1.05		mg/L
Conductivity	36		628.00	650.47	676.00		uS/cm
Turbidity - Indicator	209		0.13	0.16	0.45		ntu
Benzene	10	<	0.06	0.06	0.06	1	µg/l
Boron Total	10	<	31.90	31.90	31.90		µg/l
Chloride as Cl	10		28.10	29.04	29.90	250	mgCl/l
Cyanide Total as CN	10	<	1.20	5.02	5.50	50	µgCN/l
Fluoride	10		60.00	84.00	100.00	1500	µg/l
Gross Alpha	8		0.04	0.05	0.07		Bq/L
Gross Beta	8		0.08	0.09	0.11		Bq/L
Mercury Total	10	<	0.06	0.06	0.06		µgHg/l
Nitrate as NO3	9		20.32	20.94	21.48		mgNO3/l
Nitrite as NO2	9	<	0.00	0.00	0.00	0.1	mgNO2/l
Total Oxidised Nitrogen	9		20.32	20.94	21.48		mg/L
Nitrogen Formula	9		0.41	0.42	0.43		mg/L
Sulphate	10		22.40	26.17	29.00	250	mgSO4/l
Total organic Carbon	10	<	0.70	0.70	0.70	0.0	mg/L
1,2 Dichloroethane	10	<	0.16	0.16	0.16	3	µg/l
Tetrachloroethene	10		0.45	0.45	0.45		µg/l
Trichloroethene	10	<	0.40	0.40	0.40		µg/l

**Prescribed Concentration Values**

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Chlorethenes	10		0.85	0.85	0.85	10	µg/l
Tetrachloromethane	10		0.16	0.16	0.16	3	µg/l
Total Pesticides	8		0.00	0.00	0.00	0.5	µg/l
Glyphosate	8		< 0.00	0.00	0.00	0.1	µg/l
Metaldehyde	8		< 0.01	0.01	0.01	0.1	µg/l