

## PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 January 2020 to 31 December 2020

Treatment Works: Chelvey Treated (27410006)

## Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Coliforms Confirmed	211	1	0.00	0.00	1.00		cfu/100mL
E.Coli Confirmed	211		0.00	0.00	0.00	0	cfu/100mL
Total Coliforms (Confirmed)	211	1	0.00	0.00	1.00	0	cfu/100mL
Clostridia Perfringens Confirmed	36		0.00	0.00	0.00	0	cfu/100mL
Colony Count after 3 days @22C	211		0.00	0.63	59.00		cfu/mL
Colony Count after 2 days @37C	96		0.00	1.05	82.00		cfu/mL
Field Free Chlorine	210		0.26	0.50	0.65		mg/L
Field Total Chlorine	210		0.36	0.54	0.76		mg/L
Conductivity	36		615.00	653.69	671.00	2500	uS/cm
Turbidity - Indicator	211		0.13	0.19	0.40	1	ntu
Benzene	9		< 0.09	0.09	0.09	1	µg/l
Boron Total	9		< 25.50	31.79	37.40		µg/l
Chloride as Cl	9		29.20	30.21	31.50	250	mgCl/l
Cyanide Total as CN	10		5.50	5.50	5.50		µgCN/l
Fluoride	9		50.00	85.00	110.00	1500	µg/l
Gross Alpha	8		0.04	0.06	0.08		Bq/L
Gross Beta	8		0.07	0.08	0.09		Bq/L
Mercury Total	9		< 0.06	0.06	0.06		µgHg/l
Nitrate as NO3	9		21.31	22.58	23.33		mgNO3/l
Nitrite as NO2	9		0.00	0.00	0.00		mgNO2/l
Total Oxidised Nitrogen	9		21.31	22.59	23.34		mg/L
Nitrogen Formula	9		0.43	0.45	0.47		mg/L
Sulphate	9		23.10	25.64	28.70	250	mgSO4/l
Total organic Carbon	9		< 0.60	0.69	0.70	0.0	mg/L
1,2 Dichloroethane	9		< 0.16	0.16	0.16	3	µg/l
Tetrachloroethene	9		< 0.37	0.37	0.37		µg/l

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Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Trichloroethene	9		< 0.34	0.34	0.34		µg/l
Total Chlorethenes	9		0.71	0.71	0.71	10	µg/l
Tetrachloromethane	9		0.13	0.13	0.13		µg/l
Total Pesticides	8		0.00	0.00	0.00	0.5	µg/l
Metaldehyde	8		0.00	0.01	0.01		µg/l