

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

Treatment Works: Barrow Treated (OLD POINT)

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Coliforms Confirmed	365	1	0.00	0.01	2.00	0	cfu/100mL
E.Coli Confirmed	365		0.00	0.00	0.00	0	cfu/100mL
Total Coliforms (Confirmed)	365	1	0.00	0.01	2.00	0	cfu/100mL
Clostridia Perfringens Confirmed	104		0.00	0.00	0.00	0	cfu/100mL
Colony Count after 3 days @22C	365		0.00	0.19	13.00		cfu/mL
Field Free Chlorine	365		0.33	0.93	1.26		mg/L
Field Total Chlorine	365		0.50	1.03	1.46		mg/L
Conductivity	104		332.00	434.50	526.00	2500	uS/cm
Turbidity - Indicator	365		0.13	0.17	0.48	1	ntu
Benzene	8		< 0.06	0.06	0.09	1	µg/l
Boron Total	8		< 28.60	31.49	31.90		µg/l
Chloride as Cl	8		19.70	22.19	25.10	250	mgCl/l
Cyanide Total as CN	8		< 1.20	4.45	5.50	50	µgCN/l
Fluoride	8		70.00	112.50	170.00	1500	µg/l
Mercury Total	8		< 0.06	0.06	0.06		µgHg/l
Nitrate as NO3	8		2.13	7.53	14.73		mgNO3/l
Nitrite as NO2	8		< 0.00	0.00	0.00	0.1	mgNO2/l
Total Oxidised Nitrogen	8		2.13	7.53	14.73		mg/L
Nitrogen Formula	8		0.04	0.15	0.29		mg/L
Sulphate	8		37.70	50.57	60.20	250	mgSO4/l
Total organic Carbon	8		1.60	1.98	2.47	0.0	mg/L
1,2 Dichloroethane	8		< 0.16	0.16	0.16	3	µg/l
Tetrachloroethene	8		< 0.37	0.44	0.45		µg/l
Trichloroethene	8		< 0.34	0.39	0.40		µg/l
Total Chlorethenes	8		0.71	0.83	0.85	10	µg/l
Tetrachloromethane	8		< 0.13	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	12		0.00	0.00	0.00	0.5	µg/l
Clopyralid	12		< 0.01	0.01	0.01	0.1	µg/l
Glyphosate	11		< 0.00	0.00	0.00	0.1	µg/l
Metaldehyde	1		< 0.01	0.01	0.01	0.1	µg/l