

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

Treatment Works: Barrow Treated (NEW POINT)

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Coliforms Confirmed	365		0.00	0.00	0.00	0	cfu/100mL
E.Coli Confirmed	365		0.00	0.00	0.00	0	cfu/100mL
Total Coliforms (Confirmed)	365		0.00	0.00	0.00	0	cfu/100mL
Clostridia Perfringens Confirmed	260		0.00	0.00	0.00	0	cfu/100mL
Colony Count after 3 days @22C	365		0.00	0.08	5.00		cfu/mL
Field Free Chlorine	365		0.21	0.66	1.04		mg/L
Field Total Chlorine	365		0.40	0.79	1.26		mg/L
Conductivity	260		295.00	433.39	639.00	2500	uS/cm
Turbidity - Indicator	365		< 0.13	0.16	0.46	1	ntu
Benzene	12		< 0.06	0.06	0.06	1	µg/l
Boron Total	12		< 31.90	31.92	32.20		µg/l
Chloride as Cl	12		18.60	21.91	25.70	250	mgCl/l
Cyanide Total as CN	12		< 1.20	4.78	5.50	50	µgCN/l
Fluoride	12		60.00	94.17	130.00	1500	µg/l
Mercury Total	12		< 0.04	0.06	0.06		µgHg/l
Nitrate as NO3	12		2.13	7.73	17.31		mgNO3/l
Nitrite as NO2	12		< 0.00	0.00	0.00	0.1	mgNO2/l
Total Oxidised Nitrogen	12		2.13	7.73	17.31		mg/L
Nitrogen Formula	12		0.04	0.16	0.35		mg/L
Sulphate	12		36.90	47.92	59.80	250	mgSO4/l
Total organic Carbon	12		1.40	1.93	2.35	0.0	mg/L
1,2 Dichloroethane	12		< 0.16	0.16	0.16	3	µg/l
Tetrachloroethene	12		< 0.45	0.45	0.45		µg/l
Trichloroethene	12		< 0.40	0.40	0.40		µg/l
Total Chlorethenes	12		0.85	0.85	0.85	10	µg/l
Tetrachloromethane	12		< 0.16	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	12		< 0.00	0.00	0.00	0.1	µg/l
Metaldehyde	12		< 0.01	0.01	0.01	0.1	µg/l