

PUBLIC REGISTER OF INFORMATION

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

Treatment Works: Barrow Treated (NEW POINT)

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Coliforms Confirmed	366		0.00	0.00	0.00	0	cfu/100mL
E.Coli Confirmed	366		0.00	0.00	0.00	0	cfu/100mL
Total Coliforms (Confirmed)	366		0.00	0.00	0.00	0	cfu/100mL
Clostridia Perfringens Confirmed	156		0.00	0.00	0.00	0	cfu/100mL
Colony Count after 3 days @22C	366		0.00	0.07	6.00		cfu/mL
Colony Count after 2 days @37C	166		0.00	0.30	37.00		cfu/mL
Field Free Chlorine	366		0.11	0.69	1.09		mg/L
Field Total Chlorine	366		0.30	0.80	1.23		mg/L
Conductivity	156		335.00	436.40	522.00	2500	uS/cm
Turbidity - Indicator	366		< 0.15	0.19	0.48	1	ntu
Benzene	9		< 0.09	0.09	0.09	1	µg/l
Boron Total	9		< 31.90	32.94	41.30		µg/l
Chloride as Cl	9		19.30	22.37	25.70	250	mgCl/l
Cyanide Total as CN	11		< 5.50	5.50	5.50	50	µgCN/l
Fluoride	9		90.00	95.56	110.00	1500	µg/l
Mercury Total	9		< 0.06	0.06	0.06		µgHg/l
Nitrate as NO3	9		2.13	9.92	17.64		mgNO3/l
Nitrite as NO2	9		< 0.00	0.01	0.03	0.1	mgNO2/l
Total Oxidised Nitrogen	9		2.13	9.92	17.65		mg/L
Nitrogen Formula	9		0.04	0.20	0.35		mg/L
Sulphate	9		41.90	47.43	52.90	250	mgSO4/l
Total organic Carbon	9		1.30	1.94	2.50	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
Trichloroethene	9		< 0.33	0.34	0.34		µg/l
Total Chlorethenes	9		0.70	0.71	0.71	10	µg/l

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Tetrachloromethane	9		< 0.13	0.13	0.13	3	µg/l
Total Pesticides	12		0.00	0.00	0.01	0.5	µg/l
Clopyralid	12		< 0.01	0.01	0.01	0.1	µg/l
Glyphosate	12		< 0.00	0.01	0.03	0.1	µg/l
Metaldehyde	12		< 0.00	0.01	0.01	0.1	µg/l