

**PUBLIC REGISTER OF INFORMATION**
**Water Quality Summary Date Range:** 01 July 2020 to 30 June 2021

**Treatment Works:** Barrow Treated (NEW POINT)

**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	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	208		0.00	0.00	0.00	0	cfu/100mL
Colony Count after 3 days @22C	365		0.00	0.08	6.00		cfu/mL
Field Free Chlorine	365		0.11	0.68	1.09		mg/L
Field Total Chlorine	365		0.30	0.80	1.26		mg/L
Conductivity	207		335.00	448.24	517.00	2500	uS/cm
Turbidity - Indicator	365		0.13	0.17	0.48	1	ntu
Benzene	11	<	0.06	0.07	0.09	1	µg/l
Boron Total	11	<	31.90	32.75	41.30		µg/l
Chloride as Cl	11		19.10	21.75	25.70	250	mgCl/l
Cyanide Total as CN	13	<	5.50	5.50	5.50	50	µgCN/l
Fluoride	11		60.00	94.55	130.00	1500	µg/l
Mercury Total	11	<	0.04	0.06	0.06		µgHg/l
Nitrate as NO3	11		2.13	9.52	17.31		mgNO3/l
Nitrite as NO2	11	<	0.00	0.00	0.00	0.1	mgNO2/l
Total Oxidised Nitrogen	11		2.13	9.52	17.31		mg/L
Nitrogen Formula	11		0.04	0.19	0.35		mg/L
Sulphate	11		41.90	50.24	59.80	250	mgSO4/l
Total organic Carbon	11		1.40	1.92	2.50	0.0	mg/L
1,2 Dichloroethane	11	<	0.16	0.16	0.16	3	µg/l
Tetrachloroethene	11	<	0.37	0.41	0.45		µg/l
Trichloroethene	11	<	0.34	0.37	0.40		µg/l
Total Chlorethenes	11		0.71	0.79	0.85	10	µg/l
Tetrachloromethane	11	<	0.13	0.15	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	0.01	0.03	0.1	µg/l
Metaldehyde	12		< 0.01	0.01	0.01	0.1	µg/l