

## PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 July 2022 to 30 June 2023

Treatment Works: Barrow NSSS Service Reservoir Combined Outlet

## 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	207		0.00	0.00	0.00	0	cfu/100mL
Colony Count after 3 days @22C	365		0.00	0.13	4.00		cfu/mL
Field Free Chlorine	365		0.22	0.66	1.13		mg/L
Field Total Chlorine	365		0.30	0.77	1.26		mg/L
Conductivity	208		221.00	461.48	666.00	2500	uS/cm
Turbidity - Indicator	365		0.13	0.16	0.48	1	ntu
Benzene	10	<	0.06	0.06	0.06	1	µg/l
Boron Total	10		31.90	38.77	60.20		µg/l
Chloride as Cl	10		16.50	28.30	55.70	250	mgCl/l
Cyanide Total as CN	10	<	1.20	1.20	1.20	50	µgCN/l
Fluoride	10		80.00	116.00	150.00	1500	µg/l
Mercury Total	10	<	0.04	0.05	0.06		µgHg/l
Nitrate as NO3	10		2.13	10.86	17.20		mgNO3/l
Nitrite as NO2	10	<	0.00	0.00	0.00	0.1	mgNO2/l
Total Oxidised Nitrogen	10	<	2.13	10.86	17.20		mg/L
Nitrogen Formula	10		0.04	0.22	0.34		mg/L
Sulphate	10		28.60	45.99	92.00	250	mgSO4/l
Total organic Carbon	10		1.22	1.94	2.78	0.0	mg/L
1,2 Dichloroethane	10	<	0.16	0.16	0.16	3	µg/l
Tetrachloroethene	10	<	0.45	0.45	0.45		µg/l
Trichloroethene	10	<	0.40	0.40	0.40		µg/l
Total Chlorethenes	10		0.85	0.85	0.85	10	µg/l
Tetrachloromethane	10	<	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	0.02	0.5	µg/l
Clopyralid	12		< 0.01	0.01	0.01	0.1	µg/l
Glyphosate	12		< 0.00	0.01	0.02	0.1	µg/l
Metaldehyde	12		< 0.01	0.01	0.01	0.1	µg/l