

PUBLIC REGISTER OF INFORMATION
Water Quality Summary Date Range: 01 January 2022 to 31 December 2022

Treatment Works: Purton Treated (27410016)

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	365		0.00	0.00	0.00	0	cfu/100mL
Colony Count after 3 days @22C	365		0.00	0.17	5.00		cfu/mL
Field Free Chlorine	365		0.56	1.05	1.68		mg/L
Field Total Chlorine	365		0.39	1.13	1.83		mg/L
Conductivity	365		525.00	665.44	876.00	2500	uS/cm
Turbidity - Indicator	365		0.13	0.16	0.46	1	ntu
Benzene	13	<	0.06	0.06	0.06	1	µg/l
Boron Total	13		43.80	64.68	89.80		µg/l
Chloride as Cl	13		39.90	60.41	87.40	250	mgCl/l
Cyanide Total as CN	13	<	1.20	1.20	1.20	50	µgCN/l
Fluoride	13		90.00	125.38	180.00	1500	µg/l
Gross Alpha	11	<	0.02	0.03	0.04		Bq/L
Gross Beta	11		0.07	0.15	0.22		Bq/L
Tritium	11	<	10.00	10.00	10.00	100	Bq/L
Mercury Total	13	<	0.04	0.05	0.06		µgHg/l
Nitrate as NO3	12		20.19	25.39	32.00		mgNO3/l
Nitrite as NO2	12	<	0.00	0.00	0.00	0.1	mgNO2/l
Total Oxidised Nitrogen	12		20.19	25.39	32.00		mg/L
Nitrogen Formula	12		0.40	0.51	0.64		mg/L
Sulphate	13		68.10	98.97	135.00	250	mgSO4/l
Total organic Carbon	13		1.11	1.79	2.75	0.0	mg/L
1,2 Dichloroethane	13	<	0.16	0.16	0.16	3	µg/l
Tetrachloroethene	13	<	0.45	0.45	0.45		µg/l

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Trichloroethene	13	<	0.40	0.40	0.40		µg/l
Total Chlorethenes	13		0.85	0.85	0.85	10	µg/l
Tetrachloromethane	13	<	0.16	0.16	0.16	3	µg/l
Total Pesticides	24		0.00	0.00	0.03	0.5	µg/l
2,4-Dichlorophenoxyacetic acid	24	<	0.01	0.01	0.01	0.1	µg/l
Carbetamide	24	<	0.01	0.01	0.01	0.1	µg/l
Clopyralid	24	<	0.01	0.01	0.01	0.1	µg/l
Flufenacet	24	<	0.01	0.01	0.04	0.1	µg/l
Fluroxypyr	24	<	0.01	0.01	0.01	0.1	µg/l
Glyphosate	24	<	0.00	0.00	0.00	0.1	µg/l
MCPA	24	<	0.01	0.01	0.01	0.1	µg/l
MCPP	24	<	0.01	0.01	0.01	0.1	µg/l
Mepiquat Chloride	24	<	0.00	0.00	0.00		µg/l
Metaldehyde	24	<	0.01	0.01	0.03	0.1	µg/l
Propyzamide	24	<	0.01	0.01	0.01	0.1	µg/l
Prosulfocarb	24	<	0.01	0.01	0.05	0.1	µg/l
Quinmerac	24	<	0.01	0.01	0.01	0.1	µg/l
Tebuconazole	24	<	0.00	0.01	0.01	0.1	µg/l
Triclopyr	24	<	0.01	0.02	0.02	0.1	µg/l