

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

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	0.15	22.00		cfu/mL
Field Free Chlorine	365		0.54	1.01	1.31		mg/L
Field Total Chlorine	365		0.67	1.10	1.48		mg/L
Conductivity	365		343.00	610.94	755.00	2500	uS/cm
Turbidity - Indicator	365	<	0.13	0.16	0.44	1	ntu
Benzene	13	<	0.06	0.06	0.06	1	µg/l
Boron Total	13		39.90	53.69	77.80		µg/l
Chloride as Cl	13		37.20	48.02	71.30	250	mgCl/l
Cyanide Total as CN	13	<	1.20	4.80	5.50	50	µgCN/l
Fluoride	13		80.00	106.15	140.00	1500	µg/l
Mercury Total	13	<	0.04	0.06	0.06		µgHg/l
Nitrate as NO3	13		16.93	20.84	27.77		mgNO3/l
Nitrite as NO2	13	<	0.00	0.00	0.00	0.1	mgNO2/l
Total Oxidised Nitrogen	13		16.93	20.84	27.77		mg/L
Nitrogen Formula	13		0.34	0.42	0.56		mg/L
Sulphate	13		71.40	91.96	129.00	250	mgSO4/l
Total organic Carbon	13		0.90	1.37	1.87	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
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

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Pesticides	24		0.00	0.00	0.01	0.5	µg/l
2,4-Dichlorophenoxyacetic acid	24		< 0.01	0.01	0.01	0.1	µg/l
Asulam	2		< 0.01	0.01	0.01	0.1	µg/l
Bromoxynil	2		< 0.01	0.01	0.01	0.1	µg/l
Carbetamide	24		< 0.01	0.01	0.01	0.1	µg/l
Chlormequat Cation	2		< 0.00	0.00	0.00	0.1	µg/l
Clopyralid	24		< 0.01	0.01	0.01	0.1	µg/l
Epoxyconazole	2		< 0.00	0.00	0.00	0.1	µg/l
Flufenacet	24		< 0.01	0.01	0.01	0.1	µg/l
Fluroxypyr	24		< 0.01	0.01	0.01	0.1	µg/l
Glyphosate	24		< 0.00	0.01	0.02	0.1	µg/l
Isoproturon	2		< 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	22		< 0.00	0.00	0.00		µg/l
Metaldehyde	24		< 0.01	0.01	0.01	0.1	µg/l
Metazachlor	24		< 0.01	0.01	0.01	0.1	µg/l
Propyzamide	24		< 0.01	0.01	0.01	0.1	µg/l
Prosulfocarb	24		< 0.01	0.01	0.01	0.1	µg/l
Quinmerac	24		< 0.01	0.01	0.01	0.1	µg/l
Simazine	2		< 0.00	0.00	0.00	0.1	µg/l
Tebuconazole	24		< 0.00	0.01	0.01	0.1	µg/l
Triclopyr	24		< 0.01	0.02	0.03	0.1	µg/l