

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 July 2020 to 30 June 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	0.42	104.00		cfu/mL
Field Free Chlorine	365		0.54	1.04	1.45		mg/L
Field Total Chlorine	365		0.67	1.12	1.55		mg/L
Conductivity	365		343.00	602.76	857.00	2500	uS/cm
Turbidity - Indicator	365	<	0.13	0.17	0.40	1	ntu
Benzene	20	<	0.06	0.08	0.09	1	µg/l
Boron Total	20		39.90	54.14	73.40		µg/l
Chloride as Cl	20		34.60	51.31	89.00	250	mgCl/l
Cyanide Total as CN	24		5.50	5.50	5.50	50	µgCN/l
Fluoride	20		80.00	98.00	150.00	1500	µg/l
Mercury Total	20	<	0.06	0.06	0.06		µgHg/l
Nitrate as NO3	19		16.93	21.97	29.30		mgNO3/l
Nitrite as NO2	19	<	0.00	0.00	0.00	0.1	mgNO2/l
Total Oxidised Nitrogen	19		16.93	21.97	29.30		mg/L
Nitrogen Formula	19		0.34	0.44	0.59		mg/L
Sulphate	20		71.40	86.05	124.00	250	mgSO4/l
Total organic Carbon	20		0.90	1.41	1.80	0.0	mg/L
1,2 Dichloroethane	20	<	0.16	0.16	0.16	3	µg/l
Tetrachloroethene	20	<	0.37	0.40	0.45		µg/l
Trichloroethene	20	<	0.34	0.36	0.40		µg/l
Total Chlorethenes	20		0.71	0.76	0.85	10	µg/l
Tetrachloromethane	20	<	0.13	0.14	0.16	3	µg/l

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Pesticides	25		0.00	0.00	0.03	0.5	µg/l
2,4-Dichlorophenoxyacetic acid	25	< 0.01	0.01	0.01	0.01	0.1	µg/l
Asulam	14	< 0.01	0.01	0.01	0.01	0.1	µg/l
Bromoxynil	14	< 0.01	0.01	0.01	0.01	0.1	µg/l
Carbetamide	25	< 0.01	0.01	0.01	0.01	0.1	µg/l
Chlormequat Cation	14	< 0.00	0.00	0.00	0.01	0.1	µg/l
Clopyralid	25	< 0.01	0.01	0.01	0.01	0.1	µg/l
Epoxyconazole	14	< 0.00	0.00	0.00	0.00	0.1	µg/l
Flufenacet	25	< 0.01	0.01	0.01	0.01	0.1	µg/l
Fluroxypyr	25	< 0.01	0.01	0.01	0.01	0.1	µg/l
Glyphosate	25	< 0.00	0.00	0.00	0.00	0.1	µg/l
Isoproturon	14	< 0.00	0.00	0.00	0.00	0.1	µg/l
MCPA	25	< 0.01	0.01	0.01	0.01	0.1	µg/l
MCPP	25	< 0.01	0.01	0.01	0.01	0.1	µg/l
Mepiquat Chloride	11	< 0.00	0.00	0.00	0.00		µg/l
Metaldehyde	25	< 0.01	0.01	0.01	0.01	0.1	µg/l
Metazachlor	25	< 0.01	0.01	0.01	0.01	0.1	µg/l
Propyzamide	25	< 0.01	0.01	0.01	0.02	0.1	µg/l
Prosulfocarb	25	< 0.01	0.01	0.01	0.01	0.1	µg/l
Quinmerac	25	< 0.01	0.01	0.01	0.01	0.1	µg/l
Simazine	14	< 0.00	0.00	0.00	0.00	0.1	µg/l
Tebuconazole	25	< 0.00	0.01	0.01	0.01	0.1	µg/l
Triclopyr	25	< 0.01	0.02	0.02	0.03	0.1	µg/l