

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 January 2021 to 31 December 2021

Treatment Works: Stowey Treated

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Coliforms Confirmed	365	2	0.00	0.28	100.00	0	cfu/100mL
E.Coli Confirmed	365		0.00	0.00	0.00	0	cfu/100mL
Total Coliforms (Confirmed)	365	2	0.00	0.28	100.00	0	cfu/100mL
Clostridia Perfringens Confirmed	104		0.00	0.00	0.00	0	cfu/100mL
Colony Count after 3 days @22C	365		0.00	0.12	3.00		cfu/mL
Field Free Chlorine	365		0.53	1.05	1.43		mg/L
Field Total Chlorine	365		0.61	1.16	1.69		mg/L
Conductivity	104		341.00	404.86	505.00	2500	uS/cm
Turbidity - Indicator	365		0.13	0.16	0.42	1	ntu
Benzene	9	<	0.06	0.06	0.06	1	µg/l
Boron Total	9		31.90	35.31	39.70		µg/l
Chloride as Cl	9		20.30	21.82	26.00	250	mgCl/l
Cyanide Total as CN	9	<	1.20	4.57	5.50	50	µgCN/l
Fluoride	9		100.00	131.11	160.00	1500	µg/l
Mercury Total	9		0.06	0.06	0.06		µgHg/l
Nitrate as NO3	9		2.13	5.01	8.88		mgNO3/l
Nitrite as NO2	9	<	0.00	0.00	0.00	0.1	mgNO2/l
Total Oxidised Nitrogen	9		2.13	5.01	8.88		mg/L
Nitrogen Formula	9		0.04	0.10	0.18		mg/L
Sulphate	9		22.30	24.96	32.00	250	mgSO4/l
Total organic Carbon	8		2.20	2.60	3.12	0.0	mg/L
1,2 Dichloroethane	9	<	0.16	0.16	0.16	3	µg/l
Tetrachloroethene	9	<	0.45	0.45	0.45		µg/l
Trichloroethene	9	<	0.40	0.40	0.40		µg/l
Total Chlorethenes	9		0.85	0.85	0.85	10	µg/l
Tetrachloromethane	9	<	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	8		0.00	0.00	0.00	0.5	µg/l
Clopyralid	8		< 0.01	0.01	0.01	0.1	µg/l
Glyphosate	7		< 0.00	0.00	0.00	0.1	µg/l
Metaldehyde	8		< 0.01	0.01	0.01	0.1	µg/l