

PUBLIC REGISTER OF INFORMATION

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

Treatment Works: Oldford Treated

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	53		0.00	0.00	0.00	0	cfu/100mL
Colony Count after 3 days @22C	365		0.00	0.08	5.00		cfu/mL
Field Free Chlorine	365		0.37	0.53	0.74		mg/L
Field Total Chlorine	365		0.39	0.57	0.81		mg/L
Conductivity	53		564.00	594.98	631.00	2500	uS/cm
Turbidity - Indicator	365		< 0.13	0.15	0.47	1	ntu
Benzene	8		< 0.06	0.06	0.06	1	µg/l
Boron Total	8		40.20	47.59	52.80		µg/l
Chloride as Cl	8		19.40	20.14	20.60	250	mgCl/l
Cyanide Total as CN	8		< 1.20	1.20	1.20	50	µgCN/l
Fluoride	8		350.00	362.50	380.00	1500	µg/l
Mercury Total	8		< 0.04	0.04	0.06		µgHg/l
Nitrate as NO3	8		24.09	26.22	27.70		mgNO3/l
Nitrite as NO2	8		< 0.00	0.00	0.00	0.1	mgNO2/l
Total Oxidised Nitrogen	8		24.09	26.22	27.70		mg/L
Nitrogen Formula	8		0.48	0.53	0.56		mg/L
Sulphate	8		36.70	37.99	39.00	250	mgSO4/l
Total organic Carbon	8		< 0.70	0.70	0.71	0.0	mg/L
1,2 Dichloroethane	8		< 0.16	0.16	0.16	3	µg/l
Tetrachloroethene	8		< 0.45	0.45	0.45		µg/l
Trichloroethene	8		< 0.40	0.40	0.40		µg/l
Total Chlorethenes	8		0.85	0.85	0.85	10	µg/l
Tetrachloromethane	8		< 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	0.01	0.04	0.5	µg/l
Glyphosate	8		< 0.00	0.01	0.04	0.1	µg/l

PUBLIC REGISTER OF INFORMATION

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

Treatment Works: Stowey Treated

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	105		0.00	0.00	0.00	0	cfu/100mL
Colony Count after 3 days @22C	365		0.00	1.31	300.00		cfu/mL
Field Free Chlorine	365		0.77	1.11	1.50		mg/L
Field Total Chlorine	365		0.86	1.22	1.79		mg/L
Conductivity	104		380.00	457.20	640.00	2500	uS/cm
Turbidity - Indicator	365		0.13	0.15	0.50	1	ntu
Benzene	8	<	0.06	0.06	0.06	1	µg/l
Boron Total	8		31.90	44.51	59.50		µg/l
Chloride as Cl	8		21.00	33.17	51.20	250	mgCl/l
Cyanide Total as CN	8	<	1.20	1.20	1.20	50	µgCN/l
Fluoride	8		110.00	145.00	160.00	1500	µg/l
Mercury Total	8	<	0.04	0.04	0.06		µgHg/l
Nitrate as NO3	8		5.01	10.39	14.40		mgNO3/l
Nitrite as NO2	8	<	0.00	0.00	0.00	0.1	mgNO2/l
Total Oxidised Nitrogen	8		5.01	10.39	14.40		mg/L
Nitrogen Formula	8		0.10	0.21	0.29		mg/L
Sulphate	8		24.00	42.84	69.80	250	mgSO4/l
Total organic Carbon	8		2.09	2.54	3.26	0.0	mg/L
1,2 Dichloroethane	8	<	0.16	0.16	0.16	3	µg/l
Tetrachloroethene	8	<	0.45	0.45	0.45		µg/l
Trichloroethene	8	<	0.40	0.40	0.40		µg/l
Total Chlorethenes	8		0.85	0.85	0.85	10	µg/l
Tetrachloromethane	8	<	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
Glyphosate	8		< 0.00	0.01	0.02	0.1	µg/l
Metaldehyde	8		< 0.01	0.01	0.01	0.1	µg/l