

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 January 2020 to 31 December 2020

Treatment Works: Oldford Treated

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Coliforms Confirmed	366		0.00	0.00	0.00	0	cfu/100mL
E.Coli Confirmed	366		0.00	0.00	0.00	0	cfu/100mL
Total Coliforms (Confirmed)	366		0.00	0.00	0.00	0	cfu/100mL
Clostridia Perfringens Confirmed	52		0.00	0.00	0.00	0	cfu/100mL
Colony Count after 3 days @22C	366		0.00	0.18	31.00		cfu/mL
Colony Count after 2 days @37C	166		0.00	0.53	75.00		cfu/mL
Field Free Chlorine	366		0.32	0.51	0.66		mg/L
Field Total Chlorine	366		0.35	0.55	0.78		mg/L
Conductivity	52		572.00	598.27	626.00	2500	uS/cm
Turbidity - Indicator	366		< 0.13	0.19	0.42	1	ntu
Benzene	8		< 0.09	0.09	0.09	1	µg/l
Boron Total	8		31.90	46.86	52.10		µg/l
Chloride as Cl	8		19.80	20.05	20.50	250	mgCl/l
Cyanide Total as CN	12		< 5.50	5.50	5.50	50	µgCN/l
Fluoride	8		320.00	356.25	390.00	1500	µg/l
Gross Alpha	7		0.03	0.05	0.07		Bq/L
Gross Beta	7		0.08	0.09	0.11		Bq/L
Mercury Total	8		< 0.06	0.06	0.06		µgHg/l
Nitrate as NO3	8		26.05	27.34	28.42		mgNO3/l
Nitrite as NO2	8		< 0.00	0.00	0.00	0.1	mgNO2/l
Total Oxidised Nitrogen	8		26.06	27.35	28.42		mg/L
Nitrogen Formula	8		0.52	0.55	0.57		mg/L
Sulphate	8		37.50	42.95	72.00	250	mgSO4/l
Total organic Carbon	8		< 0.50	0.70	0.90	0.0	mg/L
1,2 Dichloroethane	8		< 0.16	0.16	0.16	3	µg/l
Tetrachloroethene	8		< 0.37	0.37	0.37		µg/l

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Trichloroethene	8		< 0.34	0.34	0.34		µg/l
Total Chlorethenes	8		0.71	0.71	0.71	10	µg/l
Tetrachloromethane	8		< 0.13	0.13	0.13	3	µg/l

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Water Quality Summary Date Range: 01 January 2020 to 31 December 2020

Treatment Works: Stowey Treated

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Coliforms Confirmed	366		0.00	0.00	0.00	0	cfu/100mL
E.Coli Confirmed	366		0.00	0.00	0.00	0	cfu/100mL
Total Coliforms (Confirmed)	366		0.00	0.00	0.00	0	cfu/100mL
Clostridia Perfringens Confirmed	104		0.00	0.00	0.00	0	cfu/100mL
Colony Count after 3 days @22C	366		0.00	0.24	38.00		cfu/mL
Colony Count after 2 days @37C	159		0.00	0.57	44.00		cfu/mL
Field Free Chlorine	366		0.54	1.05	1.57		mg/L
Field Total Chlorine	366		0.71	1.15	1.70		mg/L
Conductivity	104		356.00	406.44	483.00	2500	uS/cm
Turbidity - Indicator	366		0.15	0.19	0.46	1	ntu
Benzene	9	<	0.09	0.09	0.09	1	µg/l
Boron Total	9	<	11.70	31.69	38.80		µg/l
Chloride as Cl	9		20.80	22.61	25.10	250	mgCl/l
Cyanide Total as CN	9	<	5.50	5.50	5.50	50	µgCN/l
Fluoride	9		100.00	134.44	170.00	1500	µg/l
Mercury Total	9	<	0.06	0.06	0.06		µgHg/l
Nitrate as NO3	9		0.75	5.20	10.60		mgNO3/l
Nitrite as NO2	9	<	0.00	0.00	0.00	0.1	mgNO2/l
Total Oxidised Nitrogen	9		0.76	5.20	10.61		mg/L
Nitrogen Formula	9		0.02	0.10	0.21		mg/L
Sulphate	9		22.50	27.77	35.80	250	mgSO4/l
Total organic Carbon	8		2.20	2.49	2.80	0.0	mg/L
1,2 Dichloroethane	9	<	0.16	0.16	0.16	3	µg/l
Tetrachloroethene	9	<	0.37	0.37	0.37		µg/l
Trichloroethene	9	<	0.34	0.34	0.34		µg/l
Total Chlorethenes	9		0.71	0.71	0.71	10	µg/l

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Tetrachloromethane	9		< 0.13	0.13	0.13	3	µg/l
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
Metaldehyde	8		< 0.00	0.01	0.01	0.1	µg/l