

Water Register
Sample taken between 01/01/2008 and 31/12/2008 inclusive
Regulation Zone = Turret B

Determinand	No. of Results	PCV	Units of Measure	Results Failing PCV (%)	Min	Mean	Max
1,2 Dichloroethane	8	3	µg/l	0	< 0.1	<0.175	<0.3
Aldrin	8	0.03	µg/l	0	< 0.008	<0.008	<0.008
Aluminium	36	200	µgAl/l	0	24	38.833	77
Ammonium	36	0.5	mgNH4/l	0	< 0.05	<0.05	<0.05
Antimony	8	5	µgSb/l	0	0.03	0.044	0.06
Arsenic	8	10	µgAs/l	0	< 0.1	0.162	0.3
Benzene	8	1	µg/l	0	< 0.03	<0.049	<0.08
Benzo (a) pyrene	8	0.01	µg/l	0	< 0.002	0.002	0.002
Boron	8	1	mgB/l	0	< 0.023	<0.023	<0.023
Bromate	8	10	µgBrO3/l	0	< 1.3	<1.3	<1.3
Cadmium	8	5	µgCd/l	0	< 0.02	0.021	0.03
Chloride	8	250	mgCl/l	0	3.3	3.8	4.3
Chromium	8	50	µgCr/l	0	< 0.5	<0.5	<0.5
Clostridium perfringens (incl. spores)	36	0	CFU in 100ml	0	0	0	0
Coliform bacteria	85	0	CFU in 100ml	1.176	0	0.012	1
Colony count at 22°C	36		cfu/ml	0	0	9.833	116
Colony count at 37°C	36		cfu/ml	0	0	4.639	54
Colour	36	20	mg/l Pt/Co	0	< 2	2.056	3
Conductivity	36	2500	µS/cm at 20°C	0	39	63.972	73
Copper	8	2	mgCu/l	0	< 0.001	0.004	0.016
Cyanide	8	50	µg/l	0	< 0.8	0.812	0.9
Cypermethrin	8	0.1	µg/l	0	< 0.011	<0.011	<0.011
Diazinon	8	0.1	µg/l	0	< 0.01	<0.01	<0.01
Dieldrin	8	0.03	µg/l	0	< 0.006	<0.006	<0.006
E. coli	85	0	CFU in 100ml	0	0	0	0
Enterococci	8	0	CFU in 100ml	0	0	0	0
Flumethrin	8		µg/l	0	< 0.019	<0.019	<0.019
Fluoride	8	1.5	mgF/l	0	< 0.013	0.017	0.03
Free chlorine	85		mg/l	0	0.01	0.173	0.53
Heptachlor	8	0.03	µg/l	0	< 0.006	<0.006	<0.006
Heptachlor epoxide	8		µg/l	0	< 0.011	<0.011	<0.011
Hydrogen ion	36	6.5 to 9.5	pH value	0	7.5	8.033	8.9
Iron	36	200	µgFe/l	0	< 7	20.472	151
Lead	8	25	µgPb/l	0	< 0.2	0.325	0.9
Manganese	36	50	µgMn/l	0	< 1	4.336	31.1
Mercury	8	1	µgHg/l	0	< 0.03	<0.03	<0.03
Nickel	8	20	µgNi/l	0	< 0.4	0.4	0.4
Nitrate	8	50	mgNO3/l	0	0.5	0.612	0.8
Nitrite	8	0.5	mgNO2/l	0	< 0.01	0.01	0.014
PAH - total	8	0.1	µg/l	0	< 0.013	0.014	0.024
Permethrin total	8	0.1	µg/l	0	< 0.004	<0.004	<0.004
Pesticides: Total	9	0.5	µg/l	0	0	0	0
Propetamphos	8	0.1	µg/l	0	< 0.008	<0.008	<0.008
Quantitative odour	34	3	Dilution number	0	0	0	0
Quantitative odour	2	3		0	0	0	0
Quantitative taste	34	3	Dilution number	0	0	0	0
Quantitative taste	2	3		0	0	0	0
Selenium	8	10	µgSe/l	0	< 0.2	<0.2	<0.2
Sodium	8	200	mgNa/l	0	2.4	2.525	2.6
Sulphate	8	250	mgSO4/l	0	11.9	12.85	15.1
THM: Total	8	100	µg/l	0	15.6	22.038	30.9
TON ratio	8			0	0.01	0.018	0.02
Tetra & Trichloroethene	8	10	µg/l	0	< 0.4	<0.475	<0.6
Tetrachloromethane	8	3	µg/l	0	< 0.1	<0.175	<0.3
Total chlorine	85		mg/l	0	0.06	0.229	0.72
Total organic carbon	8		mgC/l	0	0.8	1.05	1.3
Turbidity	36	4	NTU	0	< 0.25	0.259	0.59