

Water Register
Sample taken between 01/01/2005 and 31/12/2005 inclusive
Regulation Zone = Balmore F

Determinand	No. of Results	PCV	Units of Measure	Results Failing PCV (%)	Min	Mean	Max
1,2 Dichloroethane	8	3	µg/l	0	< 0.2	0.238	0.3
2,4-D	8	0.1	µg/l	0	< 0.003	0.004	0.008
2,4-DB	8	0.1	µg/l	0	< 0.003	<0.003	<0.003
Aldrin	8	0.03	µg/l	0	< 0.008	<0.008	<0.008
Aluminium	1	200	µg/l	0	143	143	143
Aluminium	51	200	µgAl/l	0	11	26.235	76
Ammonium	51	0.5	mgNH4/l	0	< 0.03	0.037	0.19
Antimony	8	5	µgSb/l	0	< 0.05	0.4	0.6
Arsenic	8	10	µgAs/l	0	< 0.1	0.175	0.4
Asulam	8	0.1	µg/l	0	< 0.005	<0.005	<0.005
Benzene	8	1	µg/l	0	< 0.05	<0.071	<0.1
Boron	6	1	mg/l	0	< 0.005	0.01	0.017
Boron	2	1	mgB/l	0	0.005	0.005	0.005
Bromate	8	10	µgBrO3/l	0	< 1.3	<1.3	<1.3
Cadmium	8	5	µgCd/l	0	< 0.04	<0.048	<0.05
Chloride	8	250	mgCl/l	0	6	7.062	8.1
Chlorotoluron	8		µg/l	0	< 0.004	<0.004	<0.004
Chromium	8	50	µgCr/l	0	< 0.3	<0.45	<0.5
Clostridium perfringens (incl. spores)	51	0	CFU in 100ml	0	0	0	0
Coliform bacteria	98	0	CFU in 100ml	0	0	0	0
Coliform bacteria	57	0	number/100ml	0	0	0	0
Colony count at 22°C	32		cfu/ml	0	0	3.656	53
Colony count at 22°C	19		number/1ml at 22°C	0	0	9.526	158
Colony count at 37°C	33		cfu/ml	0	0	2.697	82
Colony count at 37°C	19		number/1ml at 37°C	0	0	9.895	101
Colour	51	20	mg/l Pt/Co	0	< 2	2.412	5
Conductivity	51	2500	µS/cm at 20°C	0	27	76.686	155
Copper	8	2	mgCu/l	0	< 0	0.003	0.008
Cyanide	6	50	µg/l	0	< 0.8	0.833	1
Cyanide	2	50	µgCN/l	0	< 0.8	<0.8	<0.8
Cypermethrin	8	0.1	µg/l	0	< 0.006	<0.006	<0.006
Diazinon	8	0.1	µg/l	0	< 0.01	<0.01	<0.01
Dicamba	8	0.1	µg/l	0	< 0.001	<0.001	<0.001
Dieldrin	8	0.03	µg/l	0	< 0.006	<0.006	<0.006
Diuron	8		µg/l	0	< 0.004	<0.004	<0.004
E. coli	99	0	CFU in 100ml	0	0	0	0
E. coli	57	0	number/100ml	0	0	0	0
Enterococci	7	0	CFU in 100ml	0	0	0	0
Flumethrin	8	0.1	µg/l	0	< 0.009	<0.011	<0.018
Fluoride	8	1.5	mgF/l	0	< 0.019	0.076	0.1
Free chlorine	155		mg/l	0	0.01	0.414	34
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	51	6.5 to 9.5	pH value	0	6.9	7.8	8.6
Iron	1	200	µg/l	0	< 17	<17	<17
Iron	51	200	µgFe/l	0	< 3	17.118	100
Isoproturon	8		µg/l	0	< 0.004	<0.004	<0.004
Lead	8	25	µgPb/l	0	< 0.5	1.562	5.8
Linuron	8		µg/l	0	< 0.006	<0.006	<0.006
MCPA	8	0.1	µg/l	0	< 0.002	<0.002	<0.002
MCPB	8	0.1	µg/l	0	< 0.006	<0.006	<0.006
MCPP	8	0.1	µg/l	0	< 0.001	<0.001	<0.001
Manganese	52	50	µgMn/l	0	0.4	1.292	5.4
Mercury	8	1	µgHg/l	0	< 0.03	<0.042	<0.05
Nickel	8	20	µgNi/l	0	< 0.2	<0.425	<0.5
Nitrate	8	50	mgNO3/l	0	< 4.5	<4.5	<4.5
Nitrite	8	0.5	mgNO2/l	0	< 0.01	0.01	0.013
Permethrin total	8	0.1	µg/l	0	< 0.01	<0.01	<0.01
Pesticides: Total	21	0.5	µg/l	0	0	0.001	0.009

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Propetamphos	8	0.1	µg/l	0	< 0.008	<0.008	<0.008
Quantitative odour	51	3	Dilution number	0	0	0	0
Quantitative taste	51	3		0	0	0	0
Selenium	8	10	µgSe/l	0	< 0.3	0.488	0.8
Sodium	8	200	mgNa/l	0	3.2	3.538	4.3
Sulphate	5	250	mg/l	0	10	10.2	11
Sulphate	3	250	mgSO4/l	0	9.7	11.5	14.8
THM: Total	8	100	µg/l	0	20.2	28.35	43.3
Total chlorine	155		mg/l	0	0.031	0.259	0.68
Total organic carbon	8		mgC/l	0	0.8	1.012	1.3
Turbidity	51	4	NTU	0	< 0.3	0.314	1