

## Summary report for Upper Rissington

Date range 01/01/2017 to 31/12/2017

Population: 1762

Reference	Parameter Description	Number of samples taken in period	PCV Value	Unit	Percentage of samples contravening PCV	Minimum	Mean	Maximum
A001	Colour	4	20	mg/l Pt/Co	0	<1	<1.58	2.4
A002	Turbidity	4	4	NTU	0	0.11	0.17	0.24
A003	Odour	4	0	Dil. No.	0	0	0	0
A004	Taste	4	0	Dil. No.	0	0	0	0
A006	Hydrogen ions (pH)	4	6.5 - 9.5	pH value	0	7.44	7.53	7.58
A007	Sulphate	4	250	mg/L	0	35.4	50.55	59.9
A009	Sodium	4	200	mg/L	0	9.05	16.57	21.3
A012	Nitrate	4	50	mg/L	0	6.03	10.12	19.9
A013A	Nitrite	4	0.5	mg/L NO <sub>2</sub>	0	<0.002	<0.002	<0.002
A013C	Nitrite/Nitrate	4	1	-	0	<0.37	<0.38	0.4
A014	Ammonium	4	0.5	mg/L NH <sub>4</sub>	0	<0.004	<0.004	<0.004
A017	Total Organic Carbon	3	NA	mg/L	NA	0.6	0.77	0.9
A021	Aluminium	4	200	µg/L	0	<0.90	<3.08	<7.22
A022	Iron	4	200	µg/L	0	11.5	16.45	23.5
A023	Manganese	4	50	µg/L	0	0.52	<1.67	<2.6
A024A	Copper	4	2	mg/L	0	0.0032	0.138	0.461
A027	Fluoride	4	1.5	mg/L	0	0.17	0.34	0.43
B001A	Arsenic	4	10	µg/L	0	0.38	0.45	0.57
B002	Cadmium	4	5	µg/L	0	<0.006	<0.011	0.022
B003	Cyanide	4	50	µg/L	0	<0.7	<0.7	<0.7
B004	Chromium	4	50	µg/L	0	0.24	0.34	0.42
B005	Mercury	4	1	µg/L	0	<0.02	<0.02	<0.02
B006A	Nickel	4	20	µg/L	0	0.071	3.62	11.5
B007B	Lead	4	10	µg/L	0	0.04	0.39	1.21
B008A	Antimony	4	5	µg/L	0	<0.033	<0.036	0.047
B009	Selenium	4	10	µg/L	0	0.86	1.41	2.28

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B010	Pesticides	4	0.5	µg/L	0	0	0.004	0.007
B011F	Polycyclic	4	0.1	µg/L	0	0	0	0
C001A	Coliform	12	0	No. / 100ml	0	0	0	0
C002	E.Coli	12	0	No. / 100ml	0	0	0	0
C003	Enterococci	4	0	No. / 100ml	0	0	0	0
C007	22C	4	NA	No. / ml	NA	0	4.25	17
C010	Residual chlorine (total)	4	NA	mg/L	NA	0.35	0.52	0.71
D001	Conductivity	4	2500	µS/cm @ 20 °C	0	508	560.25	611
D002A	Chloride	4	250	mg/L	0	16.9	24.6	30.2
D005A	Boron	4	1	mg/L	0	0.026	0.055	0.073
D007	Benzo	4	0.01	µg/L	0	<0.00022	<0.00022	<0.00022
D008	Tetrachloromethane	4	3	µg/L	0	<0.02	<0.05	<0.14
D009B	Sum of Tri & Tetrachloroethenes	4	10	µg/L	0	0	0	0
D011	Total trihalomethanes	4	100	µg/L	0	10.05	11.74	13.63
F001	1 2-dichloroethene	4	3	µg/L	0	<0.07	<0.08	<0.10
F002	Benzene	4	1	µg/L	0	<0.02	<0.03	<0.07
F003	Bromate	4	10	µg/L	0	<0.1	<0.1	0.1
P006	Bentazone	4	0.1	µg/L	0	<0.001	<0.002	<0.002
P018	Clopyralid	4	0.1	µg/L	0	<0.003	<0.005	<0.006
P020	2 4 d	4	0.1	µg/L	0	<0.004	<0.005	0.007
P053	Mecoprop	4	0.1	µg/L	0	<0.002	<0.002	<0.003
P054	MCPA	4	0.1	µg/L	0	<0.003	<0.003	<0.003
P226	Metaldehyde	4	0.1	µg/L	0	<0.005	<0.005	<0.005