



Cheshire West and Chester

PRIVATE WATER SUPPLIES REGULATIONS 2016

GREAT BUDWORTH - PRIVATE WATER SUPPLY

SCHEDULE OF RESULTS

Date of Sample: 16 September 2021

Location: Great Budworth Spring

Table A PARAMETER	RESULT	CONCENTRATION OR VALUE
Escherichia coli	0	0/100ml
Enterococci	0	0/100ml
Table B – Part I PARAMETER	RESULT	CONCENTRATION OR VALUE
Acrylamide	Not required	0.10ug/l
Antimony	<0.31	5.0ug/l
Arsenic	<0.48	10 ug/l
Benzene	<0.157	1.0ug/l
Benzo(a)pyrene	<0.002	0.010ug/l
Boron	0.0553	1.0mg/l
Bromate	<1.12	10ug/l
Cadmium	<0.09	5.0ug/l
Chromium	<0.83	50ug/l
Copper	0.0104	2.0mg/l
Cyanide	<3.91	50ug/l
1,2 dichloroethane	<0.459	3.0ug/l
Epichlorohydrin	Not required	0.10ug/l
Fluoride	0.098	1.5mg/l
Lead	<0.55	10ug/l
Mercury	<0.05	1.0ug/l
Nickel	<0.77	20ug/l

Nitrate	12.4510	50mg/l
Nitrite	<0.0019	0.5mg/l
Pesticides – Aldrin	<0.0025	0.030ug/l
Pesticides – Dieldrin	<0.0019	0.030ug/l
Pesticides – Heptachlor	<0.0026	0.030ug/l
Pesticides – Heptachlor epoxide	<0.0039	0.030ug/l
Other Pesticides	0	0.10ug/l
Pesticides total:	0	0.50ug/l
Indeno(123-cd) Pyrene	<0.004	
Benzo(K) Fluoranthene	<0.002	
Benzo(GHI)Perylene	<0.003	
Benzo(B) Fluoranthene	<0.002	
Polycyclic aromatic hydrocarbons	0	0.10ug/l
Selenium	<0.99	10ug/l
Tetrachloroethene and Trichloroethene	<0.16 <0.183	10ug/l
Trihalomethanes:Total	0.0	100ug/l
Vinyl chloride	Not required	0.50ug/l
Table B – Part II		
Aluminium	<2.71	200ug/l
Colour	<2.16	20mg/l Pt/Co
Iron	<2.1	200ug/l
Manganese	<0.37	50ug/l
Odour	0	Acceptable to consumers and no abnormal change
Taste	0	Acceptable to consumers and no abnormal change
Sodium	22.542	200mg/l
Tetrachloromethane	<0.108	3ug/l
Turbidity	<0.24	4NTU
PART 2 - Table C		
Ammonium	<0.037	0.50mg/l
Chloride	52.0810	250mg/l
Clostridium perfringens	0	0/100ml
Coliforms	0	0/100/l
Colony Count 2 days at 37 C	0	No abnormal change
Colony Count 3 days at 22 C	0	No abnormal change
Conductivity	693.0	2500 µS/cm at 20°C
pH	7.08	9.5-6.5 ph value
Sulphate	43.982	250mg/l
Total Organic Carbon	1.206	No abnormal change mgC/l

INTERPRETATION AND COMMENTS

SATISFACTORY results

Note: Tested by United Utilities, Lingley Mere Laboratory, Warrington.