

PRIVATE WATER SUPPLIES REGULATIONS 2016

GREAT BUDWORTH SPRING – PRIVATE WATER SUPPLY

# SCHEDULE OF RESULTS

Date of Sample: 21 October 2024

Location: Great Budworth Spring - outlet

|  |  |  |
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| **Table A**  **PARAMETER** | **RESULT** | **CONCENTRATION OR**  **VALUE** |
| Enterococci | 0 | 0/100ml |
| Antimony | <0.31 |  |
| Acrylamide | Not tested | 0.10ug/l |
| Clostridium perfringens | 0 | 0/100ml |
| Arsenic | <0.48 | 10 ug/l |
| Benzene | <0.083 | 1.0ug/l |
| Benzo(a)pyrene | <0.002 | 0.010ug/l |
| Boron | 0.05421 | 1.0mg/l |
| Bromate | <0.34 | 10ug/l |
| Cadmium | <0.09 | 5.0ug/l |
| Chromium | <0.83 | 50ug/l |
| Copper | 0.0109 | 2.0mg/l |
| Cyanide | <3.91 | 50ug/l |
| 1,2 dichloroethane | <0.18 | 3.0ug/l |
| Epichlorohydrin | Not tested | 0.10ug/l |
| Fluoride | <0.27 | 1.5mg/l |
| Lead | <0.55 | 10ug/l |
| Mercury | <0.13 | 1.0ug/l |
| Nickel | <0.77 | 20ug/l |
| Nitrate | 45.490742 | 50mg/l |
| Nitrite | 0.0098512 | 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 |  | 0.10ug/l |
| Pesticides total:  Indeno(123-cd) Pyrene  Benzo(K) Fluoranthene  Benzo(GHI)Perylene  Benzo(B) Fluoranthene | 0.0000  <0.004  <0.006  <0.004  <0.006 | 0.50ug/l |
| Polycyclic aromatic hydrocarbons | 0.000 | 0.10ug/l |
| Selenium | <0.85 | 10ug/l |
| Tetrachloroethene and Trichloroethene | <0.73 <1.6 | 10ug/l |
| Trihalomethanes:Total | 0.0 | 100ug/l |
| Sulphate | 41.001 | 250mg/l |
| Chloride | 52.9960 | 250mg/l |
| Aluminium | <2.71 | 200ug/l |
| Total Organic Carbon | 1.145 | No abnormal change mgC/l |
| Vinyl chloride | <0.025 | 0.50ug/l |
| Iron | <2.1 | 200ug/l |
| Manganese | <0.37 | 50ug/l |
| Sodium | 23.256 | 200mg/l |
| Tetrachloromethane | <0.38 | 3ug/l |
| **Monitoring for Group A**  **Parameters** |  |  |
| Ammonium | <0.0539994 | 0.50mg/l |
| Coliforms | 0 | 0/100ml |
| Colony Count 22 C | 0 | No abnormal change |
| Colony Count 37 C | 0 | No abnormal change |
| Colour | <1.21 | 20mg/l Pt/Co |
| Conductivity | 707.0 | 2500 μS/cm at 20°C |
| pH | 7.26 | 9.5-6.5 ph value |
| Turbidity | <0.16 | 4NTU |
| Odour | 0 | Acceptable to consumers and no abnormal change |
| Taste | 0 | Acceptable to consumers and no abnormal change |
| Escherichia coli | 0 | 0/100ml |

INTERPRETATION AND COMMENTS

Satisfactory results

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