

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.