



# Certificate of Analysis

Richmondshire District Council  
 Environmental Unit  
 Mercury House  
 Station Road  
 Richmond  
 North Yorkshire  
 DL10 4JX

Sample Date: 07-Jul-16  
 Received Date: 08-Jul-16  
 Test Date: 08-Jul-16  
 Certificate Ref: 406129-15/07/2016 14:34:52 (3)  
 Certificate ID: 1306387  
 Order Number: None Supplied  
 SDG Reference: RDC\_RIC 08-07-16 1  
 Laboratory Reference: RDC\_RIC[RM]2173976

Sample Type: Potable

Sample : 096- Carlton- Converted Garage

**Sample Temperature:**

Method Ref	Determination	Result	Units	Limit	Note
BP50.15	Escherichia coli	0	cfu/100ml	0	Pass
BP50.15	Total Coliforms	0	cfu/100ml	0	Pass
BP50.5	TVC (2 Days @ 37°C)	141	cfu/ml		
BP50.5	TVC (3 Days @ 22°C)	153	cfu/ml		
BP50.17	Clostridium perfringens	0	cfu/100ml	0	Pass
BP50.7	Enterococci	0	cfu/100ml	0	Pass
RP903.1	Colour	19.9	mg/l Pt/Co	20	Pass
*BP50.2	Taste	Not Detected			
RP903.10	Turbidity	0.85	NTU	4	Pass
*BP50.2	Odour	Not Detected			
8P.0A	Aluminium	46.0	µg/l Al	200	Pass
RP903.6	pH	7.44		6.5 and 9.5	Pass
RP903.3	Conductivity	213.0	µs/cm	2500	Pass
RP904	Ammoniacal Nitrogen	0.02	mg/l NH4	0.5	Pass
RP903.4	Fluoride	210.0	µg/l F	1500	Pass
8P.0	Total Hardness as Calcium	42.8250	mg/l Ca		
8P.0A	Iron	424.9	µg/l Fe	200	Fail
8P.0A	Manganese	<3.6	µg/l Mn	50	Pass
8P.0A	Magnesium	7.59	mg/l Mg		
8P.0A	Calcium	30.3	mg/l Ca		

Approved By: Lisa Shutt(Waters Chemistry Team Leader)

Date: 13-Jul-16

Abbreviations :< = Less than, > = Greater than. SDG = Sample Delivery Group. The results are given for the sample as received by the laboratory. The site of the test is identified by RM = Rotherham. Tests marked \* have not been subcontracted and are not accredited. For softened water supply, minimum concentrations apply for hardness (60mg/l as Ca) and alkalinity (30mg/l as HCO<sub>3</sub>). Opinions and interpretations expressed herein are outside the scope of our UKAS accreditation. Method details and performance characteristics are available on request.



Carlton Village Water Committee  
C/o Mrs M Briggs  
Quakers Garth  
Carlton  
Leyburn  
North Yorkshire  
DL8 4BA

My Ref: PWS2  
Dealt with by: Carol Little  
Environmental Health

19 July 2016

Dear Madam

**Private Water Supplies Regulations 2016**

A routine sample of the Carlton Village private water supply was taken on 7 July 2016 from Converted Garage.

The results of the analysis showed the supply does not comply with the required standards of the Private Water Supplies Regulations 2016 for iron.

For your information a copy of the result is attached, together with an invoice for the cost of sampling and analysis.

The iron level is set for aesthetic reasons and does not present a health risk at the level in the sample. However, it does point to the filters either being due for media replacement or not being sufficient for the supply.

Samples were also taken of the raw water from the borehole and the spring as requested.

Yours faithfully



**Carol Little**  
Technical Officer  
01748 901172  
carol.little@richmondshire.gov.uk

Copy to: J Walker  
Converted Garage  
Carlton  
Leyburn  
North Yorkshire