

# Certificate of Analysis



Report Number: **WAK/2536063/2023**

Issue **1**

Laboratory Number **23181142**

Sample **2** of **4**

Sample Source: **North Yorkshire Council**

Sample Point Description: **Private Water Limits**

Sample Description: **CARLTON**

Sample Matrix: **Drinking Water**

Sample Date: **07 September 2023** Sample Received **07 September 2023** Analysis Complete: **21 September 2023**

Test Description	Result	Units	Limit	Accreditation		Method
Hydrogen ion (pH)	7.46	pH units	6.5 to 9.5	Y	Wak	WPC8
Conductivity	235	uS/cm	2500	Y	Wak	WPC7
Turbidity	1.05	NTU	4	Y	Wak	WPC6
Colour	26.3	mg/l Pt/Co	20	Y	Wak	WPC13
Ammonium ammonia+ammonium ion	0.014	mg/l	0.5	Y	Wak	WPC64
Nitrite as NO2	<0.003	mg/l	0.5	Y	Wak	WPC64
Nitrate as NO3	<2.11	mg/l	50	Y	Wak	WPC64
Aluminium, Total as Al	37.3	ug/l	200	Y	Wak	WPC12/49
Iron, Total as Fe	448	ug/l	200	Y	Wak	WPC12/49
Manganese, Total as Mn	3.06	ug/l	50	Y	Wak	WPC12/49
Total Oxidised Nitrogen as NO3	<2.13	mg/l	50	Y	Wak	WPC64
Lead, Total as Pb	0.42	ug/l	10	Y	Wak	WPC15
TVC, 3Day 22C	472	cfu/ml		Y	Wak	WPM1
TVC, 2Day 37C	0	cfu/ml		Y	Wak	WPM1
Escherichia coli, confirmed	0	cfu/100ml	0	Y	Wak	WPM4
Clostridium Perfringens	0	cfu/100ml	0	Y	Wak	WPM3
Total Coliforms, Conf	0	cfu/100ml		Y	Wak	WPM4
Clostridium perfringens presum	0	cfu/100ml	0	Y	Wak	WPM3
Total Coliforms, presumptive	0	cfu/100ml	0	Y	Wak	WPM4
Escherichia coli, presumptive	0	cfu/100ml	0	Y	Wak	WPM4
Faecal Streptococci, presumpti	0	cfu/100ml	0	Y	Wak	WPM2
Faecal Streptococci, Confirmed	0	cfu/100ml	0	Y	Wak	WPM2
Qualitative Taste	Analyst Comment	Text		N	Cov	W56
Qualitative Odour	0	Text		N	Cov	W56

**Analyst Comments for 23181142:**

{/\*}. No taste analysis done due to the coloured nature of the sample.  
Fe result confirmed by 465ug/{/\*} TVC Estimated.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG).

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

**ALS Laboratories (UK) Limited**

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

My Ref: PWS2  
Dealt with by: Carol Little  
Email: [carol.little@northyorks.gov.uk](mailto:carol.little@northyorks.gov.uk)  
Tel. 0300 131 2 131  
4 October 2023

Dear Madam

**Private Water Supplies (England) Regulations 2016 as amended**

A routine sample of the Carlton private water supply was taken on 7 September 2023 from Dale Cottage.

The results of the analysis showed the supply does not comply with the required standards of the above Regulations for colour and iron. The other parameters analysed were satisfactory.

As discussed on previous occasions, the levels for colour and iron are set for aesthetic reasons and do not present a risk to health at these levels.

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

A risk assessment was also carried out and the report is enclosed.

Yours faithfully

Carol Little  
Technical Officer  
01748 901172

Copy to: Dale Cottage  
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