



ALS Environmental Ltd

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Mr Dalley
WB & AD Morgan Ltd
Presteigne Industrial Estate
Presteigne LD8 2UF
Powys

03 November 2021

Test Report: COV/2221265/2021

Dear Mr Dalley

Analysis of your sample(s) received on 27 October 2021 is now complete and we have pleasure in enclosing the appropriate test report(s).

An invoice for the analysis carried out will be sent under separate cover.

Should you have any queries regarding this report(s) or any part of our service, please contact Customer Services on +44 (0)24 7642 1213 who will be happy to discuss your requirements.

If you would like to arrange any further analysis, please contact Customer Services. To arrange container delivery or sample collection, please call the Couriers Department directly on 024 7685 6562.

Thank you for using ALS Environmental Ltd and we look forward to receiving your next samples.

Yours Sincerely,

Signed:

Subbattin Tharmaseelan.

Name:

S. Tharmaseelan

Title:

Legionella Team Leader



Report Summary

**Mr Adrian Dalley
WB & AD Morgan Ltd
Presteigne Industrial Estate
Presteigne
Powys
LD8 2UF**



ANALYSED BY



Date of Issue: **03 November 2021**

Report Number: **COV/2221265/2021**

Issue **1**

This issue replaces
all previous issues

Job Description: Drinking Water Analysis

Job Location: WA145 Little Dorothy HR5 3QU

Number of Samples
included in this report **1**

Job Received: **27 October 2021**

Number of Test Results
included in this report **30**

Analysis Commenced: **28 October 2021**

Signed: *Subathin Tharmaseelan*

Name: **S. Tharmaseelan**

Date: **03 November 2021**

Title: **Legionella Team Leader**

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested and where relevant sampled.

Tests marked 'Not UKAS Accredited' in this Report/Certificate are not included in the UKAS Accreditation Schedule for our laboratory.

This test report is not a statement of conformity to any specification or standard.

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No. 02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

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Certificate of Analysis

ANALYSED BY



Report Number: **COV/2221265/2021**

Laboratory Number: **20996368**

Issue **1**

Sample **1** of **1**

Sample Source: **WB & AD Morgan Ltd**

Sample Point Description: **WB & AD Morgan**

Sample Description: **WA145 Hutchinson Borehole Little Dorothy HR5 3QU**

Sample Matrix: **Drinking Water**

Sample Date/Time: **26 October 2021 15:45**

Sample Received: **27 October 2021**

Analysis Complete: **03 November 2021**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Hardness, Total as CaCO ₃	161	mg/l	29/10/2021	Y Wak	WPC12/49
Sulphur, Total as SO ₄	20.1	mg/l	29/10/2021	Y Wak	WPC12/49
Alkalinity as CaCO ₃	142.9	mg/l	28/10/2021	Y Wak	WPC64
Alkalinity as HCO ₃	174	mg/l	28/10/2021	Y Wak	WPC64
TVC 37C 2 day	>1000	cfu/ml	03/11/2021	Y Cov	W1
TVC 22C 3 day	>1000	cfu/ml	03/11/2021	Y Cov	W1
Total Coliform presumpt	0	cfu/100ml	29/10/2021	Y Cov	W10
Total Coliforms confirmed	0	cfu/100ml	29/10/2021	Y Cov	W10
E.coli presumptive	0	cfu/100ml	29/10/2021	Y Cov	W10
Escherichia coli confirmed	0	cfu/100ml	29/10/2021	Y Cov	W10
Aluminium, Total as Al	163	ug/l	28/10/2021	Y Wak	WPC12/49
Calcium, Total as Ca	40.9	mg/l	29/10/2021	Y Wak	WPC12/49
Iron, Total as Fe	94.0	ug/l	28/10/2021	Y Wak	WPC12/49
Magnesium, Total as Mg	14.2	mg/l	29/10/2021	Y Wak	WPC12/49
Arsenic, Total as As	0.27	ug/l	28/10/2021	Y Wak	WPC15
Manganese, Total as Mn	6.14	ug/l	28/10/2021	Y Wak	WPC12/49
Potassium, Total as K	1.63	mg/l	29/10/2021	Y Wak	WPC12/49
Sodium, Total as Na	11.3	mg/l	29/10/2021	Y Wak	WPC12/49
Copper, Total as Cu	<0.0004	mg/l	28/10/2021	Y Wak	WPC15
Lead, Total as Pb	0.05	ug/l	28/10/2021	Y Wak	WPC15
Zinc, Total as Zn	1.37	ug/l	28/10/2021	Y Wak	WPC15
Hydrogen ion (pH)	7.71	pH units	28/10/2021	Y Wak	WPC8
Conductivity	307	uS/cm	28/10/2021	Y Wak	WPC7

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Certificate of Analysis

ANALYSED BY



Report Number: **COV/2221265/2021**

Laboratory Number: **20996368**

Issue **1**

Sample **1** of **1**

Sample Source: **WB & AD Morgan Ltd**

Sample Point Description: **WB & AD Morgan**

Sample Description: **WA145 Hutchinson Borehole Little Dorothy HR5 3QU**

Sample Matrix: **Drinking Water**

Sample Date/Time: **26 October 2021 15:45**

Sample Received: **27 October 2021**

Analysis Complete: **03 November 2021**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Turbidity	1.90	NTU	28/10/2021	Y Wak	WPC6
Colour	<2.9	mg/l Pt/Co	28/10/2021	Y Wak	WPC13
Ammonium ammonia+ammonium ion	<0.008	mg/l	28/10/2021	Y Wak	WPC64
Nitrite as NO2	<0.002	mg/l	28/10/2021	Y Wak	WPC64
Nitrate as NO3	4.55	mg/l	28/10/2021	Y Wak	WPC64
Chloride as Cl	11.5	mg/l	28/10/2021	Y Wak	WPC64
Total Oxidised Nitrogen as NO3	4.55	mg/l	28/10/2021	Y Wak	WPC64

Analyst Comments for 20996368:

This sample has been analysed for Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumptive, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day outside recommended stability times. It is therefore possible that the results provided may be compromised. TVC Estimated. 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), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

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.

Signed: *S. Tharmaseelan*

Name: **S. Tharmaseelan**

Date: **03 November 2021**

Title: **Legionella Team Leader**

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ANALYST COMMENTS FOR REPORT COV/2221265/2021

Issue **1**

This issue replaces all previous issues

Date of Issue: **03 November 2021**

Sample No	Analysis Comments
20996368	This sample has been analysed for Total Coliforms confirmed, Escherichia coli confirmed, Total Coliform presumptive, E.coli presumptive, TVC 22C 3 day, TVC 37C 2 day outside recommended stability times. It is therefore possible that the results provided may be compromised. TVC Estimated. TVC Estimated.

Signed: *Subbathin Tharmaseelan.*

Name: **S. Tharmaseelan**

Date: **03 November 2021**

Title: **Legionella Team Leader**



DETERMINAND COMMENTS FOR REPORT COV/2221265/2021

ISSUE 1

Date of Issue: 03 November 2021

This issue replaces
all previous issues

Sample No	Description	Determinand	Comments
20996368	WA145 Hutchinson Borehole Little Dorothy HR5 3QU	TVC 22C 3 day	TVC Estimated.
20996368	WA145 Hutchinson Borehole Little Dorothy HR5 3QU	TVC 37C 2 day	TVC Estimated.

Signed: *S. Tharmaseelan*

Name: **S. Tharmaseelan**

Date: **03 November 2021**

Title: **Legionella Team Leader**

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