

Our Ref: EXR/295877 (Ver. 1)

Your Ref:

December 12, 2019



Environmental Chemistry

SOCOTEC UK Limited

Bretby Business Park

Ashby Road

Burton-on-Trent

Staffordshire

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Telephone: 01283 554400

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Mark Evason
H Evason & Co
Lower Wayford
Dorrington
Shrewsbury
SY5 7EE

For the attention of Mark Evason

Dear Mark Evason

Sample Analysis - H.Evason

Samples from the above site have been analysed in accordance with the schedule supplied.

The sample details and the results of analyses for these samples are given in the appended report.

An invoice for this work will follow under a separate cover.

Please be aware that our policy for the retention of paper based laboratory records and analysis reports is 6 years.

The work was carried out in accordance with SOCOTEC UK Limited (Multi-Sector Services) Standard Terms and Conditions of Contract.

If I can be of any further assistance please do not hesitate to contact me.

Yours sincerely

for SOCOTEC UK Limited

A handwritten signature in black ink that reads "E. Jones". The signature is written in a cursive style and is positioned above a horizontal line that extends to the right.

E Jones

Project Co-ordinator

01283 554400

TEST REPORT



Report No. EXR/295877 (Ver. 1)

H Evason & Co
Lower Wayford
Dorrington
Shrewsbury
SY5 7EE

Site: H.Evason

The 9 samples described in this report were registered for analysis by SOCOTEC UK Limited on 06-Dec-2019. This report supersedes any versions previously issued by the laboratory.

The analysis was completed by: 12-Dec-2019

Tests where the accreditation is set to N or No, and any individual data items marked with a * are not UKAS accredited. Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

The following tables are contained in this report:

Table 1 Main Analysis Results (Pages 2 to 3)
Analytical and Deviating Sample Overview (Pages 4 to 5)
Table of Method Descriptions (Page 6)
Table of Report Notes (Page 7)
Table of Sample Descriptions (Appendix A Page 1 of 1)

On behalf of
SOCOTEC UK Lim
Becky Batham

A handwritten signature in black ink, appearing to read 'R. Batham'.

Operations Manager
Energy & Waste Services

Date of Issue: 12-Dec-2019

Tests marked '^' have been subcontracted to another laboratory.

Where samples have been flagged as deviant on the Analytical and Deviating Sample Overview, for any reason, the data may not be representative of the sample at the point of sampling and the validity of the data may be affected.

SOCOTEC UK Limited accepts no responsibility for any sampling not carried out by our personnel.

Sample Analysis

SOCOTEC UK Ltd Environmental Chemistry Analytical and Deviating Sample Overview

W295877

Customer H Evason & Co
Site H.Evason
Report No W295877

Consignment No W164606
Date Logged 06-Dec-2019
In-House Report Due 12-Dec-2019

Please note the results for any subcontracted analysis (identified with a '^') is likely to take up to an additional five working days.

| ID Number | Description | Matrix Type | MethodID | CUST SERV | ICPMSW | ICPMS | Cadmium as Cd MS (Dissolved) | Copper as Cu MS (Dissolved) | Lead as Pb MS (Dissolved) | Zinc as Zn MS (Dissolved) | Manganese as Mn MS (Dissolved) | Mercury as Hg MS (Dissolved) | Total Sulphur as SO4 (Diss) VAR | Calcium as Ca (Dissolved) VAR | Magnesium as Mg (Dissolved) VAR | Sodium as Na (Dissolved) VAR | Potassium as K (Dissolved) VAR | Iron as Fe (Dissolved) VAR | Chloride as Cl (Kone) | Ammoniacal Nitrogen (Kone) | Total Oxidised Nitrogen (Kone) | |
|------------|-------------|---------------|----------|-----------|--------|-------|------------------------------|-----------------------------|---------------------------|---------------------------|--------------------------------|------------------------------|---------------------------------|-------------------------------|---------------------------------|------------------------------|--------------------------------|----------------------------|-----------------------|----------------------------|--------------------------------|----------|
| | | | | | | | | | | | | | | | | | | | | | | Report A |
| EX/2024020 | GW1 | Groundwater | 02/12/19 | | | | | | | | | | | | | | | | | | | |
| EX/2024021 | GW2 | Groundwater | 02/12/19 | | | | | | | | | | | | | | | | | | | |
| EX/2024022 | PMP1 | Groundwater | 02/12/19 | | | | | | | | | | | | | | | | | | | |
| EX/2024023 | PMP2 | Groundwater | 02/12/19 | | | | | | | | | | | | | | | | | | | |
| EX/2024024 | PMP3 | Groundwater | 02/12/19 | | | | | | | | | | | | | | | | | | | |
| EX/2024025 | PMP5 | Groundwater | 02/12/19 | | | | | | | | | | | | | | | | | | | |
| EX/2024026 | SW1 | Surface Water | 02/12/19 | | | | | | | | | | | | | | | | | | | |
| EX/2024027 | SW2 | Surface Water | 02/12/19 | | | | | | | | | | | | | | | | | | | |
| EX/2024028 | SW3 | Surface Water | 02/12/19 | | | | | | | | | | | | | | | | | | | |

Note: We will endeavour to prioritise samples to complete analysis within holding time; however any delay could result in samples becoming deviant whilst being processed in the laboratory.

If sampling dates are missing or matrices unclassified then results will not be ISO 17025 accredited. Please contact us as soon as possible to provide missing information in order to reinstate accreditation.

| Deviating Sample Key | |
|------------------------|--|
| A | The sample was received in an inappropriate container for this analysis |
| B | The sample was received without the correct preservation for this analysis |
| C | Headspace present in the sample container |
| D | The sampling date was not supplied so holding time may be compromised - applicable to all analysis |
| E | Sample processing did not commence within the appropriate holding time |
| F | Sample processing did not commence within the appropriate handling time |
| Requested Analysis Key | |
| | Analysis Required |
| | Analysis dependant upon trigger result - Note: due date may be affected if triggered |
| | No analysis scheduled |
| | Analysis Subcontracted - Note: due date may vary |

The integrity of data for samples/analysis that have been categorised as Deviating may be compromised. Data may not be representative of the sample at the time of sampling. Where individual results are flagged see report notes for status.

Sample Analysis

SOCOTEC UK Ltd Environmental Chemistry Analytical and Deviating Sample Overview

W295877

Customer H Evason & Co
Site H.Evason
Report No W295877

Consignment No W164606
Date Logged 06-Dec-2019
In-House Report Due 12-Dec-2019

Please note the results for any subcontracted analysis (identified with a '^') is likely to take up to an additional five working days.

| ID Number | Description | Matrix Type | MethodID Sampled | WSLM11 | WSLM12 | WSLM13 | WSLM2 | WSLM20 | WSLM3 |
|------------|-------------|---------------|---------------------|----------------------------------|---------------------------|----------------------|--------------------------|------------------|----------|
| | | | | Chemical Oxygen Demand (Settled) | Total Alkalinity as CaCO3 | Total Organic Carbon | Conductivity uS/cm @ 25C | Dissolved Oxygen | pH units |
| | | | | ✓ | ✓ | ✓ | ✓ | | ✓ |
| EX/2024020 | GW1 | Groundwater | 02/12/19 | | | | | | |
| EX/2024021 | GW2 | Groundwater | 02/12/19 | | | | | | |
| EX/2024022 | PMP1 | Groundwater | 02/12/19 | | | | | | |
| EX/2024023 | PMP2 | Groundwater | 02/12/19 | | | | | | |
| EX/2024024 | PMP3 | Groundwater | 02/12/19 | | | | | | |
| EX/2024025 | PMP5 | Groundwater | 02/12/19 | | | | | | |
| EX/2024026 | SW1 | Surface Water | 02/12/19 | | | | | | |
| EX/2024027 | SW2 | Surface Water | 02/12/19 | | | | | | |
| EX/2024028 | SW3 | Surface Water | 02/12/19 | | | | | | |

Note: We will endeavour to prioritise samples to complete analysis within holding time; however any delay could result in samples becoming deviant whilst being processed in the laboratory.

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| Deviating Sample Key | |
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Method Descriptions

| Matrix | MethodID | Analysis Basis | Method Description |
|--------|-----------|----------------|--|
| Water | ICPMSW | As Received | Direct quantitative determination of Metals in water samples using ICPMS |
| Water | ICPWATVAR | As Received | Direct determination of Metals and Sulphate in water samples using ICPOES |
| Water | KONENS | As Received | Direct analysis using discrete colorimetric analysis |
| Water | WSLM11 | As Received | Acid Dichromate oxidation of the sample followed by colorimetric analysis. |
| Water | WSLM12 | As Received | Titration with Sulphuric Acid to required pH |
| Water | WSLM13 | As Received | Instrumental analysis using acid/persulphate digestion and non-dispersive IR detection |
| Water | WSLM2 | As Received | Determination of the Electrical Conductivity ($\mu\text{S}/\text{cm}$) by electrical conductivity probe. |
| Water | WSLM20. | As Received | Determination of Dissolved Oxygen in waters using an oxygen detecting probe |
| Water | WSLM3 | As Received | Determination of the pH of water samples by pH probe |

Where individual results are flagged see report notes for status.

Report Notes

Generic Notes

Soil/Solid Analysis

Unless stated otherwise,

- Results expressed as mg/kg have been calculated on the basis indicated in the Method Description table.
All results on MCERTS reports are reported on a 105°C dry weight basis with the exception of pH and conductivity.
- Sulphate analysis not conducted in accordance with BS1377
- Water Soluble Sulphate is on a 2:1 water:soil extract

Waters Analysis

Unless stated otherwise results are expressed as mg/l

Nil: Where "Nil" has been entered against Total Alkalinity or Total Acidity this indicates that a measurement was not required due to the inherent pH of the sample.

Oil analysis specific

Unless stated otherwise,

- Results are expressed as mg/kg
- SG is expressed as g/cm³ @ 15°C

Gas (Tedlar bag) Analysis

Unless stated otherwise, results are expressed as ug/l

Asbestos Analysis

CH Denotes Chrysotile

TR Denotes Tremolite

CR Denotes Crocidolite

AC Denotes Actinolite

AM Denotes Amosite

AN Denotes Anthophyllite

NAIIS No Asbestos Identified in Sample

NADIS No Asbestos Detected In Sample

Symbol Reference

^ Sub-contracted analysis.

\$\$ Unable to analyse due to the nature of the sample

¶ Samples submitted for this analyte were not preserved on site in accordance with laboratory protocols.

This may have resulted in deterioration of the sample(s) during transit to the laboratory.

Consequently the reported data may not represent the concentration of the target analyte present in the sample at the time of sampling

¥ Results for guidance only due to possible interference

& Blank corrected result

I.S Insufficient sample to complete requested analysis

I.S(g) Insufficient sample to re-analyse, results for guidance only

Intf Unable to analyse due to interferences

N.D Not determined

N.Det Not detected

N.F No Flow

NS Information Not Supplied

Req Analysis requested, see attached sheets for results

▮ Raised detection limit due to nature of the sample

* All accreditation has been removed by the laboratory for this result

‡ MCERTS accreditation has been removed for this result

§ accreditation has been removed for this result as it is a non-accredited matrix

Note: The Laboratory may only claim that data is accredited when all of the requirements of our Quality System have been met. Where these requirements have not been met the laboratory may elect to include the data in its final report and remove the accreditation from individual data items if it believes that the validity of the data has not been affected. If further details are required of the circumstances which have led to the removal of accreditation then please do not hesitate to contact the laboratory.

