



SOCOTEC

Environmental Chemistry
SOCOTEC UK
Ashby Rd, Bretby,
Burton-on-Trent, UK
DE15 0YZ

Certificate of Analysis

Project No: 20111934

Client: Enitial

Quote Number: BEC20015786

Project Reference: Scheduled Samples 11-2020

Site Name: Woolfox

Contact: Ben Abbott

Address: Enterprise Drive
Four Ashes
Wolverhampton

Post Code: WV10 7DE

E-Mail: ben.abbott@enitial.co.uk

Phone No: tbc

Number of Samples Received: 5

Date Received: 26/11/2020

Analysis Date: 03/12/2020

Date Issued: 03/12/2020

Job Status: Complete

Report Type: Final Version 01

This report supersedes any versions previously issued by the laboratory

Account Manager
Laura Moore

Authorised by the Operations Manager
Becky Batham



Client: Enitial

Project Name: Woolfox

Project No: 20111934

Date Issued: 03/12/2020

Samples Analysed

<u>Sample Reference</u>	<u>Text ID</u>	<u>Sample Date</u>	<u>Sample Type</u>	<u>Sample Description</u>
BHA	20111934-001	24/11/2020 00:00:00	WATER	Ground Water
BHB	20111934-002	24/11/2020 00:00:00	WATER	Ground Water
BHD	20111934-003	24/11/2020 00:00:00	WATER	Ground Water
BHE	20111934-004	24/11/2020 00:00:00	WATER	Ground Water
BHG	20111934-005	24/11/2020 00:00:00	WATER	Ground Water



Client: Enitial
 Project Name: Woolfox
 Project No: 20111934
 Date Issued: 03/12/2020

Analysis Results

Project ID	20111934				
Sample ID	001	002	003	004	005
Customer ID	BHA	BHB	BHD	BHE	BHG
Sample Type	WATER	WATER	WATER	WATER	WATER
Sampling Date	24/11/2020	24/11/2020	24/11/2020	24/11/2020	24/11/2020

Analysis	Method Code	MDL	Units	Accred					
Ammoniacal Nitrogen as N	KONENS	0.01	mg/l	U	0.01	<0.01	0.20	<0.01	0.02
Conductivity at 25°C	WSLM2 & 3	100	µS/cm	U	762	768	1370	780	766
pH	WSLM2 & 3	1	pH units	U	7.4	7.3	7.3	7.4	7.5
Redox Potential	WSLM25		mV	N	27.6	43.5	39.4	52.8	49.8
Chloride as Cl	KONENS	1	mg/l	U	37	40	121	56	41
Total Oxidised Nitrogen	KONENS	0.2	mg/l	U	7.3	13.1	8.6	5.8	13.6
COD (Settled)	WSLM11	5	mg/l	U	<5	<5	7	<5	<5
Acidity as CaCO3	WSLM17	2	mg/l	U	Nil	Nil	Nil	Nil	Nil
Total Alkalinity	WSLM12	2	mg/l	U	250	229	312	260	226
Dissolved Oxygen	WSLM20	0.1	mg O2/l	N	6.8	8.3	8.1	7.7	8.6
BOD (5 day)	WSLM20	1	mg O2/l	U	10.9*		>11.2*		
				N		2.1		1.5	8.6
Total Organic Carbon	WSLM13	0.2	mg/l	U	0.48	0.48	2.3	0.76	0.66
Cadmium as Cd	ICPMSW (Dissolved)	0.00002	mg/l	U	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Total Chromium as Cr	ICPMSW (Dissolved)	0.001	mg/l	U	<0.001	<0.001	<0.001	<0.001	<0.001
Copper as Cu	ICPMSW (Dissolved)	0.001	mg/l	U	<0.001	<0.001	0.002	<0.001	<0.001
Lead as Pb	ICPMSW (Dissolved)	0.001	mg/l	U	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese as Mn	ICPMSW (Dissolved)	0.002	mg/l	U	0.033	<0.002	<0.002	<0.002	<0.002
Nickel as Ni	ICPMSW (Dissolved)	0.001	mg/l	U	<0.001	<0.001	0.004	0.005	<0.001
Tin as Sn	ICPMSW (Dissolved)	0.001	mg/l	U	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc as Zn	ICPMSW (Dissolved)	0.002	mg/l	U	<0.002	<0.002	0.003	<0.002	<0.002
Calcium as Ca	ICPWATVAR (Dissolved)	1	mg/l	U	147	155	244	143	144
Iron as Fe	ICPWATVAR (Dissolved)	0.01	mg/l	U	<0.01	<0.01	<0.01	<0.01	<0.01
Magnesium as Mg	ICPWATVAR (Dissolved)	1	mg/l	U	8	7	13	6	7





Client: Enitial
 Project Name: Woolfox
 Project No: 20111934
 Date Issued: 03/12/2020

Analysis Results

Project ID					20111934				
Sample ID					001	002	003	004	005
Customer ID					BHA	BHB	BHD	BHE	BHG
Sample Type					WATER	WATER	WATER	WATER	WATER
Sampling Date					24/11/2020	24/11/2020	24/11/2020	24/11/2020	24/11/2020
Analysis	Method Code	MDL	Units	Accred					
Potassium as K	ICPWATVAR (Dissolved)	1	mg/l	U	3	5	5	2	5
Total Sulphur as SO4	ICPWATVAR (Dissolved)	3	mg/l	U	76	68	239	56	68
Sodium as Na	ICPWATVAR (Dissolved)	1	mg/l	U	28	22	79	28	22



Additional Report Notes

Method Code	Sample ID	The following information should be taken into consideration when using the data contained within this report
WSLM20	1, 3	Based on the sample history/appearance/smell, a dilution was applied prior to testing. Unfortunately the raw data falls outside of the capability of the instrumentation. The non-accredited value is given but should be used for guidance only.



Client: Enitial

Project Name: Woolfox

Project No: 20111934

Date Issued: 03/12/2020

<u>Deviating Sample Report</u>				Incorrect Container	Incorrect Label	Headspace	Incorrect/No Preservative	No Sampling Date	Holding Time	Handling Time
Sample Reference	Text ID	Reported Name								
BHA	20111934-001	WSLM20 BOD (5 day)							✓	
BHA	20111934-001	WSLM20 Dissolved Oxygen							✓	
BHB	20111934-002	WSLM20 BOD (5 day)							✓	
BHB	20111934-002	WSLM20 Dissolved Oxygen							✓	
BHD	20111934-003	WSLM20 BOD (5 day)							✓	
BHD	20111934-003	WSLM20 Dissolved Oxygen							✓	
BHE	20111934-004	WSLM20 BOD (5 day)							✓	
BHE	20111934-004	WSLM20 Dissolved Oxygen							✓	
BHG	20111934-005	WSLM20 BOD (5 day)							✓	
BHG	20111934-005	WSLM20 Dissolved Oxygen							✓	

Analysis Method

Analysis

ICPMSW (Dissolved)
 ICPWATVAR (Dissolved)
 KONENS
 WSLM11
 WSLM12
 WSLM13
 WSLM17
 WSLM2 & 3
 WSLM20
 WSLM25

Analysis Type

METALS
 METALS
 INORGANIC
 INORGANIC
 INORGANIC
 INORGANIC
 INORGANIC
 INORGANIC
 INORGANIC
 INORGANIC

Analysis Method

Unfiltered
 Unfiltered
 Filtered
 Unfiltered
 Unfiltered
 Unfiltered
 Unfiltered
 Unfiltered
 Unfiltered
 Unfiltered



Client: Enitial

Project Name: Woolfox

Project No: 20111934

Date Issued: 03/12/2020

Additional Information

This report refers to samples as received, and SOCOTEC Uk Ltd takes no responsibility for accuracy or competence of sampling by others.

Results within this report relate only to the samples tested.

In the accreditation column of analysis report the codes are as follows:

- U = UKAS accredited analysis
- M = MCERT accredited analysis
- N = Unaccredited analysis

Any units marked with ^ signify results are reported on a dry weight basis of 105° c

All Air Dried and Ground Samples (ADG) are oven dried at less than 35° c.

This report shall not be reproduced except in full and with approval from the laboratory.

Opinions and interpretations given are outside the scope of our UKAS accreditation.

Any samples marked with * are not covered by our scope of UKAS accreditation. If applicable, further report notes have been added.

Any solid samples where the Major Constituents are not one of the following (Sand, Silt, Clay, Made Ground) are not one of our accredited matrix types.

Any samples marked with ‡ have had MCERTS accreditation removed for this result

Any samples marked with a tick in the deviant table is deviant for the specific reason.

Any samples reported as IS, NA, ND mean the following:

- IS = Insufficient Sample to complete analysis
- NA = Sample is not amenable for the required analysis
- ND = Results cannot be determined

Our deviating sample report does not include deviancy information for Subcontracted analysis. Please see the report from the Subcontracted lab for information regarding any deviancies for this analysis.

End of Certificate of Analysis