

Report Summary

Miss Name Surname
Name Of Company (e.g
Environmental Treatment Works)
Torrington Avenue
Coventry
West Midlands
CV4 9GU



ANALYSED BY



ON BEHALF OF



Date of Issue: **03 May 2017**

Report Number: **COV/1381352/2017**

Issue **6**

Job Description: Water Treatment Survey

Job Location: West Midlands

Number of Samples
included in this report **5**

Job Received: **18 April 2017**

Number of Test Results
included in this report **53**

Analysis Commenced: **18 April 2017**

Signed:

Name: **G. Coiley**

Date: **03 May 2017**

Title: **Group Projects and IT Manager**

ALS Environmental Ltd was not responsible for sampling unless otherwise stated. Sampling is not covered by our UKAS accreditation.

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.

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

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ALS Environmental Ltd

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Certificate of Analysis

ANALYSED BY

ON BEHALF OF



Report Number: **COV/1381352/2017**

Laboratory Number: **16021457**

Issue **6**

Sample **1** of **5**

Sample Source: **Name Of Company (e.g Environmental Treatment Works)**

Sample Point Description:

Sample Description: **Test Sample 1**

Sample Matrix: **Ground Water**

Sample Date/Time: **17 April 2017 10:00**

Sample Received: **18 April 2017**

Analysis Complete: **18 April 2017**

Customer Field 1: **My Reference Details 123...**

Customer Field 2: **My Reference Details 345...**

Customer Field 3: **My Reference Details 567...**

Customer Field 4: **My Reference Details 789...**

Test Description	Result	Units	Analysis Date	Accreditation	Method
TVC 22C 3 day	1	cfu/ml	18/04/2017	Y Cov	W1
Pseudomonas species	1	cfu/100ml	18/04/2017	Y Cov	W9
Sulphate Reducing Bacteria	1	DET/ND	18/04/2017	N Cov	W18

Analyst Comments for 16021457:

No Analyst Comment

This issue replaces all previous issues

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

Analysed at: Cov = Coventry(CV4 9GU), Che = Chester(CH4 9EP), Ott = Otterbourne(SO21 2SW), 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. The LOD for the Legionella analysis will increase where the volume analysed is <1000g (1g is approximately equivalent to 1ml for sample volume analysed).

Signed: *G. Coiley*

Name: **G. Coiley**

Date: **03 May 2017**

Title: **Group Projects and IT Manager**

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Report Number: **COV/1381352/2017**

Laboratory Number: **16021458**

Issue **6**

Sample **2** of **5**

Sample Source: **Name Of Company (e.g Environmental Treatment Works)**

Sample Point Description:

Sample Description: **Test Sample 2**

Sample Matrix: **Process Water**

Sample Date/Time: **14 April 2017 11:11**

Sample Received: **18 April 2017**

Analysis Complete: **18 April 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
TVC 22C 3 day	1	cfu/ml	18/04/2017	Y Cov	W1
Pseudomonas species	1	cfu/100ml	18/04/2017	Y Cov	W9
Nitrite Reducing Bacteria	1	CFU/ML	18/04/2017	N Cov	W19
Sulphate Reducing Bacteria	1	DET/ND	18/04/2017	N Cov	W18

Analyst Comments for 16021458:

No Analyst Comment

This issue replaces all previous issues

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

Analysed at: Cov = Coventry(CV4 9GU), Che = Chester(CH4 9EP), Ott = Otterbourne(SO21 2SW), 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. The LOD for the Legionella analysis will increase where the volume analysed is <1000g (1g is approximately equivalent to 1ml for sample volume analysed).

Signed:

Name: **G. Coiley**

Date: **03 May 2017**

Title: **Group Projects and IT Manager**

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Report Number: **COV/1381352/2017**

Laboratory Number: **16021459**

Issue **6**

Sample **3** of **5**

Sample Source: **Name Of Company (e.g Environmental Treatment Works)**

Sample Point Description: **Downstream**

Sample Description: **Test Sample 3**

Sample Matrix: **Surface Water**

Sample Date/Time: **13 April 2017** **12:12**

Sample Received: **18 April 2017**

Analysis Complete: **18 April 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
TVC 22C 3 Days	1	cfu/ml	18/04/2017	Y Cov	W1
Pseudomonas species	1	cfu/100ml	18/04/2017	Y Cov	W9
Aluminium , Total as Al	1	ug/l	18/04/2017	N Cov	WAS049
Copper , Total as Cu	1	ug/l	18/04/2017	N Cov	WAS049
Copper, Filtered as Cu	1	ug/l	18/04/2017	N Cov	WAS049
Iron , Total as Fe	1	mg/l	18/04/2017	N Cov	WAS049
Iron, Filtered as Fe	1	mg/l	18/04/2017	N Cov	WAS049
Molybdenum , Total as Mo	1	mg/l	18/04/2017	N Cov	WAS049
Zinc , Total as Zn	1	ug/l	18/04/2017	N Cov	WAS049
pH	1	pH units	18/04/2017	N Cov	WAS039
Conductivity- Electrical 20C	1	uS/cm	18/04/2017	N Cov	WAS039
Alkalinity as CaCO3	1	mg/l	18/04/2017	N Cov	WAS025
Chloride as Cl	1	mg/l	18/04/2017	Y Cov	WAS036
Sulphate as SO4	1	mg/l	18/04/2017	Y Cov	WAS036
Total Suspended Solids	1	mg/l	18/04/2017	N Cov	WAS006
Solids, Tot Dissolved 180 DegC	1	mg/l	18/04/2017	N Cov	WAS010
Settled Solids after 30mins	1	mg/l	18/04/2017	N Cov	WAS006
Nitrite as NaNO2	1	mg/l	18/04/2017	N Cov	WAS036
Molybdate (Calc)	1	mg/l	18/04/2017	N Cov	WAS049
Sulphate Reducing Bacteria	1	DET/ND	18/04/2017	N Cov	W18

Analyst Comments for 16021459:

No Analyst Comment

This issue replaces all previous issues

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Signed: *G. Coiley*

Name: **G. Coiley**

Date: **03 May 2017**

Title: **Group Projects and IT Manager**

Certificate of Analysis

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Report Number: **COV/1381352/2017**

Laboratory Number: **16021460**

Issue **6**

Sample **4** of **5**

Sample Source: **Name Of Company (e.g Environmental Treatment Works)**

Sample Point Description: **Upstream**

Sample Description: **Test Sample 4**

Sample Matrix: **Not In Project**

Sample Date/Time: **12 April 2017 13:13**

Sample Received: **18 April 2017**

Analysis Complete: **18 April 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
TVC 22C 3 day	1	cfu/ml	18/04/2017	N Cov	W1
Pseudomonas species	1	cfu/100ml	18/04/2017	N Cov	W9
Nitrite Reducing Bacteria	1	CFU/ML	18/04/2017	N Cov	W19
Sulphate Reducing Bacteria	1	DET/ND	18/04/2017	N Cov	W18

Analyst Comments for 16021460:

No Analyst Comment

This issue replaces all previous issues

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For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. The LOD for the Legionella analysis will increase where the volume analysed is <1000g (1g is approximately equivalent to 1ml for sample volume analysed).

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Name: **G. Coiley**

Date: **03 May 2017**

Title: **Group Projects and IT Manager**

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Report Number: **COV/1381352/2017**

Laboratory Number: **16021461**

Issue **6**

Sample **5** of **5**

Sample Source: **Name Of Company (e.g Environmental Treatment Works)**

Sample Point Description: **Downstream**

Sample Description: **Test Sample 5**

Sample Matrix: **Not Specified**

Sample Date/Time: **11 April 2017 14:14**

Sample Received: **18 April 2017**

Analysis Complete: **18 April 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
TVC 22C 3 Days	1	cfu/ml	18/04/2017	N Cov	W1
TVC 22C 3 day	1	cfu/ml	18/04/2017	N Cov	W1
Pseudomonas species	1	cfu/100ml	18/04/2017	N Cov	W9
Aluminium , Total as Al	1	ug/l	18/04/2017	N Cov	WAS049
Copper , Total as Cu	1	ug/l	18/04/2017	N Cov	WAS049
Copper, Filtered as Cu	1	ug/l	18/04/2017	N Cov	WAS049
Iron , Total as Fe	1	mg/l	18/04/2017	N Cov	WAS049
Iron, Filtered as Fe	1	mg/l	18/04/2017	N Cov	WAS049
Molybdenum , Total as Mo	1	mg/l	18/04/2017	N Cov	WAS049
Zinc , Total as Zn	1	ug/l	18/04/2017	N Cov	WAS049
pH	1	pH units	18/04/2017	N Cov	WAS039
Conductivity- Electrical 20C	1	uS/cm	18/04/2017	N Cov	WAS039
Alkalinity as CaCO3	1	mg/l	18/04/2017	N Cov	WAS025
Chloride as Cl	1	mg/l	18/04/2017	N Cov	WAS036
Sulphate as SO4	1	mg/l	18/04/2017	N Cov	WAS036
Total Suspended Solids	1	mg/l	18/04/2017	N Cov	WAS006
Solids, Tot Dissolved 180 DegC	1	mg/l	18/04/2017	N Cov	WAS010
Settled Solids after 30mins	1	mg/l	18/04/2017	N Cov	WAS006
Nitrite as NaNO2	1	mg/l	18/04/2017	N Cov	WAS036
Molybdate (Calc)	1	mg/l	18/04/2017	N Cov	WAS049
Nitrite Reducing Bacteria	1	CFU/ML	18/04/2017	N Cov	W19
Sulphate Reducing Bacteria	1	DET/ND	18/04/2017	N Cov	W18

Analyst Comments for 16021461:

No Analyst Comment

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