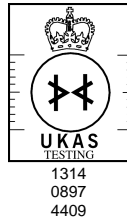


# Report Summary



**Miss Name Surname**  
**Name Of Company**  
**Torrington Avenue**  
**Coventry**  
**West Midlands**  
**CV4 9GU**

Date of Issue **07 June 2017**

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

Issue **2**

This issue replaces all previous issues

Number of Samples

included in this report **5**

Number of Test Results

included in this report **53**

Site Name:

**West Midlands**

Sample Date:

**17 April 2017**

Job Received:

**18 April 2017**

Analysis Commenced: **18 April 2017**

Signed: *G. Coiley*

Name: **G. Coiley**

Date: **07 June 2017**

Title: **Group Projects and IT Manager**

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.

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



Site Name: **West Midlands**  
 Sample Source: **Name Of Company**  
 Order No: **PO13579**

Report Number: **COV/1381352/2017**  
 Samples Received: **18 April 2017**  
 Analysis Complete: **18 April 2017**

Issue **2**

Sample	Sample Date	Sample Description	Test Description	Unit	Result	Accred.	Method
16021457	17 April 2017	Test Sample 1	TVC 22C 3 day	cfu/ml	1	Y Cov	W1
	17 April 2017		Pseudomonas species	cfu/100ml	1	Y Cov	W9
	17 April 2017		Sulphate Reducing Bacteria	DET/ND	1	N Cov	W18

**Sample Matrix for 16021457:** Ground Water

**Analyst Comments for 16021457:** No Analyst Comment

16021458	14 April 2017	Test Sample 2	TVC 22C 3 day	cfu/ml	1	Y Cov	W1
	14 April 2017		Pseudomonas species	cfu/100ml	1	Y Cov	W9
	14 April 2017		Nitrite Reducing Bacteria	CFU/ML	1	N Cov	W19
	14 April 2017		Sulphate Reducing Bacteria	DET/ND	1	N Cov	W18

**Sample Matrix for 16021458:** Process Water

**Analyst Comments for 16021458:** No Analyst Comment

16021459	13 April 2017	Test Sample 3	TVC 22C 3 Days	cfu/ml	1	Y Cov	W1
	13 April 2017		Pseudomonas species	cfu/100ml	1	Y Cov	W9
	13 April 2017		Aluminium , Total as Al	ug/l	1	N Cov	WAS049
	13 April 2017		Copper , Total as Cu	ug/l	1	N Cov	WAS049
	13 April 2017		Copper, Filtered as Cu	ug/l	1	N Cov	WAS049
	13 April 2017		Iron , Total as Fe	mg/l	1	N Cov	WAS049
	13 April 2017		Iron, Filtered as Fe	mg/l	1	N Cov	WAS049
	13 April 2017		Molybdenum , Total as Mo	mg/l	1	N Cov	WAS049
	13 April 2017		Zinc , Total as Zn	ug/l	1	N Cov	WAS049

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)

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# Certificate of Analysis



1314  
0897  
4409



Site Name: **West Midlands**  
Sample Source: **Name Of Company**  
Order No: **PO13579**

Report Number: **COV/1381352/2017**  
Samples Received: **18 April 2017**  
Analysis Complete: **18 April 2017**

Issue **2**

Sample	Sample Date	Sample Description	Test Description	Unit	Result	Accred.	Method
16021459	13 April 2017	Test Sample 3	pH	pH units	1	N Cov	WAS039
	13 April 2017		Conductivity- Electrical 20C	uS/cm	1	N Cov	WAS039
	13 April 2017		Alkalinity as CaCO3	mg/l	1	N Cov	WAS025
	13 April 2017		Chloride as Cl	mg/l	1	Y Cov	WAS036
	13 April 2017		Sulphate as SO4	mg/l	1	Y Cov	WAS036
	13 April 2017		Total Suspended Solids	mg/l	1	N Cov	WAS006
	13 April 2017		Solids, Tot Dissolved 180 DegC	mg/l	1	N Cov	WAS010
	13 April 2017		Settled Solids after 30mins	mg/l	1	N Cov	WAS006
	13 April 2017		Nitrite as NaNO2	mg/l	1	N Cov	WAS036
	13 April 2017		Molybdate (Calc)	mg/l	1	N Cov	WAS049
	13 April 2017		Sulphate Reducing Bacteria	DET/ND	1	N Cov	W18

**Sample Matrix for 16021459:** Surface Water

**Analyst Comments for 16021459:** No Analyst Comment

16021460	12 April 2017	Test Sample 4	TVC 22C 3 day	cfu/ml	1	N Cov	W1
	12 April 2017		Pseudomonas species	cfu/100ml	1	N Cov	W9
	12 April 2017		Nitrite Reducing Bacteria	CFU/ML	1	N Cov	W19
	12 April 2017		Sulphate Reducing Bacteria	DET/ND	1	N Cov	W18

**Sample Matrix for 16021460:** Not In Project

**Analyst Comments for 16021460:** No Analyst Comment

16021461	11 April 2017	Test Sample 5	TVC 22C 3 Days	cfu/ml	1	N Cov	W1
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This issue replaces all previous issues

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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).

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# Certificate of Analysis



1314  
0897  
4409



Site Name: **West Midlands**  
Sample Source: **Name Of Company**  
Order No: **PO13579**

Report Number: **COV/1381352/2017**  
Samples Received: **18 April 2017**  
Analysis Complete: **18 April 2017**

Issue **2**

Sample	Sample Date	Sample Description	Test Description	Unit	Result	Accred.	Method
16021461	11 April 2017	Test Sample 5	TVC 22C 3 day	cfu/ml	1	N Cov	W1
	11 April 2017		Pseudomonas species	cfu/100ml	1	N Cov	W9
	11 April 2017		Aluminium , Total as Al	ug/l	1	N Cov	WAS049
	11 April 2017		Copper , Total as Cu	ug/l	1	N Cov	WAS049
	11 April 2017		Copper, Filtered as Cu	ug/l	1	N Cov	WAS049
	11 April 2017		Iron , Total as Fe	mg/l	1	N Cov	WAS049
	11 April 2017		Iron, Filtered as Fe	mg/l	1	N Cov	WAS049
	11 April 2017		Molybdenum , Total as Mo	mg/l	1	N Cov	WAS049
	11 April 2017		Zinc , Total as Zn	ug/l	1	N Cov	WAS049
	11 April 2017		pH	pH units	1	N Cov	WAS039
	11 April 2017		Conductivity- Electrical 20C	uS/cm	1	N Cov	WAS039
	11 April 2017		Alkalinity as CaCO3	mg/l	1	N Cov	WAS025
	11 April 2017		Chloride as Cl	mg/l	1	N Cov	WAS036
	11 April 2017		Sulphate as SO4	mg/l	1	N Cov	WAS036
	11 April 2017		Total Suspended Solids	mg/l	1	N Cov	WAS006
	11 April 2017		Solids, Tot Dissolved 180 DegC	mg/l	1	N Cov	WAS010
	11 April 2017		Settled Solids after 30mins	mg/l	1	N Cov	WAS006
	11 April 2017		Nitrite as NaNO2	mg/l	1	N Cov	WAS036
	11 April 2017		Molybdate (Calc)	mg/l	1	N Cov	WAS049
	11 April 2017		Nitrite Reducing Bacteria	CFU/ML	1	N Cov	W19

This issue replaces all previous issues

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

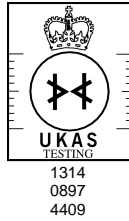
Analysed at: Cov = Coventry(CV4 9GU), Che = Chester(CH4 9EP), Ott = Otterbourne(SO21 2SW), S = Subcontracted, Trb = Subcontracted to Trowbridge(BA14 0XD), Wak = Wakefield(WF5 9TG).

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# Certificate of Analysis



Site Name: **West Midlands**  
Sample Source: **Name Of Company**  
Order No: **PO13579**

Report Number: **COV/1381352/2017**  
Samples Received: **18 April 2017**  
Analysis Complete: **18 April 2017**

Issue **2**

Sample	Sample Date	Sample Description	Test Description	Unit	Result	Accred.	Method
16021461	11 April 2017	Test Sample 5	Sulphate Reducing Bacteria	DET/ND	1	N Cov	W18

**Sample Matrix for 16021461:** Not Specified

**Analyst Comments for 16021461:** No Analyst Comment

Signed:

Name: **G. Coiley**

Date: **07 June 2017**

Title: **Group Projects and IT Manager**

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)

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