

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Mr [REDACTED]
Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford TF2 9FN
Shropshire

27 April 2016

Test Report: COV/1273478/2016

Dear Mr [REDACTED]

Analysis of your sample(s) submitted on 13 April 2016 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: [REDACTED]

Name: [REDACTED]

Title: Organic Operations Manager



Report Summary



1314
0897
4409



**Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford
Shropshire
TF2 9FN**

Date of Issue: **27 April 2016**

Report Number: **COV/1273478/2016**

Issue **1**

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **13 April 2016**

Number of Test Results
included in this report **11**

Analysis Commenced: **13 April 2016**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **27 April 2016**

Title:

Organic Operations 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.

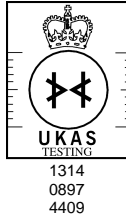
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Certificate of Analysis



Report Number: **COV/1273478/2016**

Issue **1**

Laboratory Number: **15232439**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Sample 1**

Sample Matrix: **Land Leachate**

Sample Date/Time:

Sample Received: **13 April 2016**

Analysis Complete: **27 April 2016**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	26/04/2016	Y Cov	WAS049
Copper, Total as Cu	<0.009	mg/l	26/04/2016	Y Cov	WAS049
Zinc, Total as Zn	0.266	mg/l	26/04/2016	Y Cov	WAS049
pH	8.5	pH units	14/04/2016	Y Cov	WAS039
Ammoniacal Nitrogen as N	285	mg/l	19/04/2016	Y Cov	WAS055
Sulphate as SO4	18.1	mg/l	14/04/2016	N Cov	WAS036
Total Suspended Solids	96.0	mg/l	27/04/2016	N Cov	WAS006
COD (Total)	629	mg/l	22/04/2016	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	14/04/2016	N Cov	WAS033
Visible Oil	No	None	13/04/2016	N Cov	Visual Inspec
Methane, Dissolved	0.010	mg/l	20/04/2016	N Cov	62


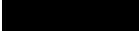
Analyst Comments for 15232439:

The date of sampling has not been provided and therefore sample stability times cannot be assessed. It is therefore possible that the results provided may be compromised. {/*}Ammonia analysed by colorimetric method{*/}

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).

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 27 April 2016
	Title: Organic Operations Manager	

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Mr [REDACTED]
Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford TF2 9FN
Shropshire

06 May 2016

Test Report: COV/1275835/2016

Dear Mr [REDACTED]

Analysis of your sample(s) submitted on 21 April 2016 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: [REDACTED]

Name: [REDACTED]

Title: Organic Team Leader



Report Summary



1314
0897
4409



**Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford
Shropshire
TF2 9FN**

Date of Issue: **06 May 2016**

Report Number: **COV/1275835/2016**

Issue **1**

Job Description: Stoney Hill 2016

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

Job Received: **21 April 2016**

Number of Test Results
included in this report **11**

Analysis Commenced: **21 April 2016**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **06 May 2016**

Title:

Organic Team Leader

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.

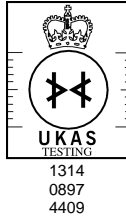
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Certificate of Analysis



Report Number: **COV/1275835/2016**

Issue **1**

Laboratory Number: **15249614**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Telford & Wrekin Council**

Sample Matrix: **Land Leachate**

Sample Date/Time:

Sample Received: **21 April 2016**

Analysis Complete: **06 May 2016**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	06/05/2016	Y Cov	WAS049
Copper, Total as Cu	<0.009	mg/l	06/05/2016	Y Cov	WAS049
Zinc, Total as Zn	0.144	mg/l	06/05/2016	Y Cov	WAS049
pH	8.5	pH units	25/04/2016	Y Cov	WAS039
Ammoniacal Nitrogen as N	326	mg/l	26/04/2016	Y Cov	WAS055
Sulphate as SO4	21.1	mg/l	26/04/2016	N Cov	WAS036
Total Suspended Solids	36.0	mg/l	05/05/2016	N Cov	WAS006
COD (Total)	445	mg/l	04/05/2016	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	03/05/2016	N Cov	WAS033
Visible Oil	No	None	21/04/2016	N Cov	Visual Inspec
Methane, Dissolved	0.022	mg/l	29/04/2016	N Cov	62


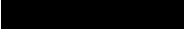
Analyst Comments for 15249614:

The date of sampling has not been provided and therefore sample stability times cannot be assessed. It is therefore possible that the results provided may be compromised. {/*}Ammonia analysed by colorimetric method{*/}

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).

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 06 May 2016
	Title: Organic Team Leader	

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Coventry
CV4 9GU

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Mr [REDACTED]
Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford TF2 9FN
Shropshire

13 May 2016

Test Report: COV/1277983/2016

Dear Mr [REDACTED]

Analysis of your sample(s) submitted on 28 April 2016 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: A I Horobin

Name: [REDACTED]

Title: Organic Operations Manager



Report Summary



1314
0897
4409



**Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford
Shropshire
TF2 9FN**

Date of Issue: **13 May 2016**

Report Number: **COV/1277983/2016**

Issue **1**

Job Description: Stoney Hill 2016

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

Job Received: **28 April 2016**

Number of Test Results
included in this report **11**

Analysis Commenced: **29 April 2016**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **13 May 2016**

Title:

Organic Operations 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.

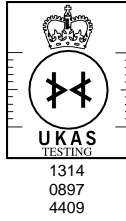
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Certificate of Analysis



Report Number: **COV/1277983/2016**

Issue **1**

Laboratory Number: **15264347**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **SH1**

Sample Matrix: **Land Leachate**

Sample Date/Time: **28 April 2016 13:00**

Sample Received: **28 April 2016**

Analysis Complete: **13 May 2016**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	13/05/2016	Y Cov	WAS049
Copper, Total as Cu	0.026	mg/l	13/05/2016	Y Cov	WAS049
Zinc, Total as Zn	0.160	mg/l	13/05/2016	Y Cov	WAS049
pH	8.1	pH units	09/05/2016	Y Cov	WAS039
Ammoniacal Nitrogen as N	361.5	mg/l	04/05/2016	Y Cov	WAS055
Sulphate as SO4	25.7	mg/l	03/05/2016	N Cov	WAS036
Total Suspended Solids	28.0	mg/l	05/05/2016	N Cov	WAS006
COD (Total)	709	mg/l	03/05/2016	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	10/05/2016	N Cov	WAS033
Visible Oil	None	None	29/04/2016	N Cov	Visual Inspect
Methane, Dissolved	0.21	mg/l	04/05/2016	N Cov	62

Analyst Comments for 15264347:

This sample has been analysed for pH, Ammoniacal Nitrogen as N outside recommended stability times. It is therefore possible that the results provided may be compromised. {/**}Ammonia analysed by Colorimetry method{*/}

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

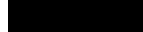
<1000g (1g is approximately equivalent to 1ml for sample volume analysed).

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:



Name:



Date: **13 May 2016**

Title:

Organic Operations Manager

ALS Environmental Ltd

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Mr [REDACTED]
Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford TF2 9FN
Shropshire

17 May 2016

Test Report: COV/1279447/2016

Dear Mr [REDACTED]

Analysis of your sample(s) submitted on 04 May 2016 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: [REDACTED]

Name: [REDACTED]

Title: Organic Operations Manager



Report Summary



1314
0897
4409



**Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford
Shropshire
TF2 9FN**

Date of Issue: **17 May 2016**

Report Number: **COV/1279447/2016**

Issue **1**

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **04 May 2016**

Number of Test Results
included in this report **11**

Analysis Commenced: **05 May 2016**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **17 May 2016**

Title:

Organic Operations 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.

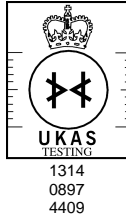
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Certificate of Analysis



Report Number: **COV/1279447/2016**

Issue **1**

Laboratory Number: **15274116**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **1 Sample**

Sample Matrix: **Land Leachate**

Sample Date/Time: **04 May 2016**

Sample Received: **04 May 2016**

Analysis Complete: **17 May 2016**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	17/05/2016	Y Cov	WAS049
Copper, Total as Cu	0.020	mg/l	17/05/2016	Y Cov	WAS049
Zinc, Total as Zn	0.162	mg/l	17/05/2016	Y Cov	WAS049
pH	8.3	pH units	11/05/2016	Y Cov	WAS039
Ammoniacal Nitrogen as N	351	mg/l	09/05/2016	Y Cov	WAS055
Sulphate as SO4	49.2	mg/l	10/05/2016	N Cov	WAS036
Total Suspended Solids	35.0	mg/l	11/05/2016	N Cov	WAS006
COD (Total)	615	mg/l	09/05/2016	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	16/05/2016	N Cov	WAS033
Visible Oil	No	None	05/05/2016	N Cov	Visual Inspec
Methane, Dissolved	0.028	mg/l	17/05/2016	N Cov	62

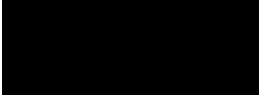

Analyst Comments for 15274116:

{/*}Ammonia analysed by colorimetric analysis.{*/}

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).

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 17 May 2016
	Title: Organic Operations Manager	

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Torrington Avenue
Coventry
CV4 9GU

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Mr [REDACTED]
Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford TF2 9FN
Shropshire

25 May 2016

Test Report: COV/1281315/2016

Dear Mr [REDACTED]

Analysis of your sample(s) submitted on 11 May 2016 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: [REDACTED]

Name: [REDACTED]

Title: Inorganic Team Leader



Report Summary



**Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford
Shropshire
TF2 9FN**

Date of Issue: **25 May 2016**

Report Number: **COV/1281315/2016**

Issue **1**

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **11 May 2016**

Number of Test Results
included in this report **10**

Analysis Commenced: **12 May 2016**

Signed:

Name:

Date: **25 May 2016**

Title:

Inorganic Team Leader

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.

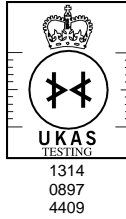
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Certificate of Analysis



Report Number: **COV/1281315/2016**

Issue **1**

Laboratory Number: **15287837**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Sample 1**

Sample Matrix: **Land Leachate**

Sample Date/Time: **12 May 2016**

Sample Received: **11 May 2016**

Analysis Complete: **25 May 2016**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	24/05/2016	Y Cov	WAS049
Copper, Total as Cu	0.013	mg/l	24/05/2016	Y Cov	WAS049
Zinc, Total as Zn	0.114	mg/l	24/05/2016	Y Cov	WAS049
pH	8.6	pH units	20/05/2016	Y Cov	WAS039
Ammoniacal Nitrogen as N	220	mg/l	18/05/2016	Y Cov	WAS055
Sulphate as SO4	16.0	mg/l	17/05/2016	N Cov	WAS036
Total Suspended Solids	70.0	mg/l	24/05/2016	N Cov	WAS006
COD (Total)	528	mg/l	24/05/2016	Y Cov	WAS040
Sulphide as S	0.021	mg/l	20/05/2016	N Cov	WAS033
Visible Oil	No	None	12/05/2016	N Cov	Visual Inspec

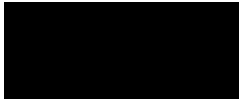

Analyst Comments for 15287837:

This sample has been analysed for pH, Total Suspended Solids, COD (Total) outside recommended stability times. It is therefore possible that the results provided may be compromised. {/*}Ammonia analysed by colorimetry method{*/}

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).

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 25 May 2016
	Title: Inorganic Team Leader	

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Mr [REDACTED]
Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford TF2 9FN
Shropshire

13 June 2016

Test Report: COV/1287562/2016

Dear Mr [REDACTED]

Analysis of your sample(s) submitted on 03 June 2016 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: [REDACTED]

Name: [REDACTED]

Title: Inorganics Operations Manager



Report Summary



**Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford
Shropshire
TF2 9FN**

Date of Issue: **13 June 2016**

Report Number: **COV/1287562/2016**

Issue **1**

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **03 June 2016**

Number of Test Results
included in this report **13**

Analysis Commenced: **05 June 2016**

Signed:

Name:

Date: **13 June 2016**

Title: **Inorganics Operations 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.

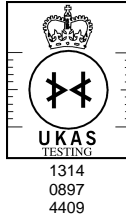
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested.

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

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Certificate of Analysis



Report Number: **COV/1287562/2016**

Issue **1**

Laboratory Number: **15335289**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Sample**

Sample Matrix: **Land Leachate**

Sample Date/Time: **03 June 2016**

Sample Received: **03 June 2016**

Analysis Complete: **13 June 2016**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	Analyst Com	mg/l	09/06/2016	Y Cov	WAS049
Copper, Total as Cu	Analyst Com	mg/l	09/06/2016	Y Cov	WAS049
Iron , Total as Fe	Analyst Com	mg/l	13/06/2016	Y Cov	WAS049
Zinc, Total as Zn	Analyst Com	mg/l	09/06/2016	Y Cov	WAS049
pH	7.1	pH units	13/06/2016	Y Cov	WAS039
Alkalinity as CaCO3	Analyst Com	mg/l	13/06/2016	Y Cov	WAS025
Ammoniacal Nitrogen as N	252	mg/l	07/06/2016	Y Cov	WAS055
Sulphate, total as SO4 by I.C.	Analyst Com	mg/l	13/06/2016	Y Cov	CON27
Total Suspended Solids	Analyst Com	mg/l	10/06/2016	N Cov	WAS006
COD (Total)	Analyst Com	mg/l	10/06/2016	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	09/06/2016	N Cov	WAS033
Visible Oil	Analyst Com	None	13/06/2016	N Cov	Visual Inspe
Methane, Dissolved	1.7	mg/l	10/06/2016	N Cov	62

Analyst Comments for 15335289:



{/*}Ammonia analysed by colorimetric method

Unable to test for Alkalinity, Sulphate, metals, Suspended solids, COD and Visible Oil sample disposed in error by laboratory.{/*}

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).

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 13 June 2016
	Title: Inorganics Operations Manager	

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Mr [REDACTED]
Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford TF2 9FN
Shropshire

30 June 2016

Test Report: COV/1290781/2016

Dear Mr [REDACTED]

Analysis of your sample(s) submitted on 15 June 2016 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,

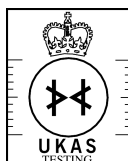
Signed: [REDACTED]

Name: [REDACTED]

Title: Organic Operations Manager



Report Summary



1314
0897
4409



**Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford
Shropshire
TF2 9FN**

Date of Issue: **30 June 2016**

Report Number: **COV/1290781/2016**

Issue **1**

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **15 June 2016**

Number of Test Results
included in this report **11**

Analysis Commenced: **16 June 2016**

Signed:

Name:

Date: **30 June 2016**

Title:

Organic Operations 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.

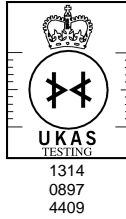
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Certificate of Analysis



Report Number: **COV/1290781/2016**

Issue **1**

Laboratory Number: **15361187**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Stoney Hill**

Sample Matrix: **Land Leachate**

Sample Date/Time: **16 June 2016**

Sample Received: **15 June 2016**

Analysis Complete: **30 June 2016**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	0.2	mg/l	30/06/2016	Y Cov	WAS049
Copper, Total as Cu	<0.009	mg/l	29/06/2016	Y Cov	WAS049
Zinc, Total as Zn	2.67	mg/l	29/06/2016	Y Cov	WAS049
pH	7.2	pH units	18/06/2016	Y Cov	WAS039
Ammoniacal Nitrogen as N	245	mg/l	21/06/2016	Y Cov	WAS055
Sulphate as SO4	<4.4	mg/l	22/06/2016	N Cov	WAS036
Total Suspended Solids	812	mg/l	29/06/2016	N Cov	WAS006
COD (Total)	445	mg/l	28/06/2016	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	29/06/2016	N Cov	WAS033
Visible Oil	No	None	16/06/2016	N Cov	Visual Inspect
Methane, Dissolved	2.3	mg/l	21/06/2016	N Cov	62

Analyst Comments for 15361187:

This sample has been analysed for Total Suspended Solids, COD (Total) outside recommended stability times. It is therefore possible that the results provided may be compromised. {(*)}Ammonia analysed by colorimetric method{*/}

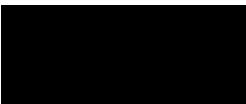
Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

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).

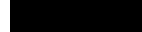
For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. The LOD for the Legionella analysis will increase where the volume analysed is <1000g (1g is approximately equivalent to 1ml for sample volume analysed).

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:



Name:



Date: **30 June 2016**

Title:

Organic Operations Manager

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Mr [REDACTED]
Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford TF2 9FN
Shropshire

03 August 2016

Test Report: COV/1301183/2016

Dear Mr [REDACTED]

Analysis of your sample(s) submitted on 20 July 2016 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: [REDACTED]

Name: [REDACTED]

Title: Inorganics Operations Manager



Report Summary



**Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford
Shropshire
TF2 9FN**

Date of Issue: **03 August 2016**

Report Number: **COV/1301183/2016**

Issue **1**

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **20 July 2016**

Number of Test Results
included in this report **11**

Analysis Commenced: **21 July 2016**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **03 August 2016**

Title: **Inorganics Operations 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.

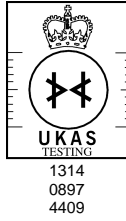
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested.

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

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Certificate of Analysis



Report Number: **COV/1301183/2016**

Issue **1**

Laboratory Number: **15434966**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Sample 1**

Sample Matrix: **Land Leachate**

Sample Date/Time:

Sample Received: **20 July 2016**

Analysis Complete: **03 August 2016**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	02/08/2016	Y Cov	WAS049
Copper, Total as Cu	0.045	mg/l	02/08/2016	Y Cov	WAS049
Zinc, Total as Zn	0.103	mg/l	02/08/2016	Y Cov	WAS049
pH	8.6	pH units	29/07/2016	Y Cov	WAS039
Ammoniacal Nitrogen as N	136	mg/l	26/07/2016	Y Cov	WAS055
Sulphate as SO4	24.3	mg/l	28/07/2016	N Cov	WAS036
Total Suspended Solids	40.0	mg/l	02/08/2016	N Cov	WAS006
COD (Total)	480	mg/l	03/08/2016	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	02/08/2016	N Cov	WAS033
Visible Oil	No	None	21/07/2016	N Cov	Visual Inspec
Methane, Dissolved	0.017	mg/l	29/07/2016	N Cov	62



Analyst Comments for 15434966:

The date of sampling has not been provided and therefore sample stability times cannot be assessed. It is therefore possible that the results provided may be compromised. {/*}Ammonia analysed by colorimetric method{*/}

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).

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 03 August 2016
	Title: Inorganics Operations Manager	

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Mr [REDACTED]
Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford TF2 9FN
Shropshire

19 September 2016

Test Report: COV/1313519/2016

Dear Mr [REDACTED]

Analysis of your sample(s) submitted on 31 August 2016 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: [REDACTED]

Name: [REDACTED]

Title: Microbiology Manager



Report Summary



**Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford
Shropshire
TF2 9FN**

Date of Issue: **19 September 2016**

Report Number: **COV/1313519/2016**

Issue **1**

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **31 August 2016**

Number of Test Results
included in this report **11**

Analysis Commenced: **01 September 2016**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **19 September 2016**

Title:

Microbiology 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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Certificate of Analysis



Report Number: **COV/1313519/2016**

Issue **1**

Laboratory Number: **15525002**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Stoney Hill**

Sample Matrix: **Not Specified**

Sample Date/Time:

Sample Received: **31 August 2016**

Analysis Complete: **15 September 2016**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	08/09/2016	N Cov	WAS049
Copper, Total as Cu	0.027	mg/l	08/09/2016	N Cov	WAS049
Zinc, Total as Zn	0.08	mg/l	08/09/2016	N Cov	WAS049
pH	8.5	pH units	07/09/2016	N Cov	WAS039
Ammoniacal Nitrogen as N	97.1	mg/l	02/09/2016	N Cov	WAS055
Sulphate as SO ₄	27.1	mg/l	10/09/2016	N Cov	WAS036
Total Suspended Solids	16.0	mg/l	14/09/2016	N Cov	WAS006
COD (Total)	474	mg/l	14/09/2016	N Cov	WAS040
Sulphide as S	<0.020	mg/l	13/09/2016	N Cov	WAS033
Visible Oil	no	None	01/09/2016	N Cov	Visual Inspec
Methane, Dissolved	<0.010	mg/l	05/09/2016	N Cov	62

Analyst Comments for 15525002:

The date of sampling has not been provided and therefore sample stability times cannot be assessed. It is therefore possible that the results provided may be compromised. {**}Ammonia analysed by colorimetric method{**}

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).

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:

Name:

Date: **19 September 2016**

Title: **Microbiology Manager**

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Mr [REDACTED]
Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford TF2 9FN
Shropshire

22 September 2016

Test Report: COV/1316062/2016

Dear Mr [REDACTED]

Analysis of your sample(s) submitted on 08 September 2016 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: [REDACTED]

Name: [REDACTED]

Title: Organic Operations Manager



Report Summary



**Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford
Shropshire
TF2 9FN**

Date of Issue: **22 September 2016**

Report Number: **COV/1316062/2016**

Issue **1**

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **08 September 2016**

Number of Test Results
included in this report **11**

Analysis Commenced: **09 September 2016**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **22 September 2016**

Title:

Organic Operations 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.

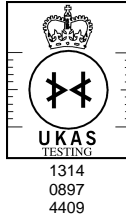
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested.

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

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Certificate of Analysis



Report Number: **COV/1316062/2016**

Issue **1**

Laboratory Number: **15543229**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Stoney Hill**

Sample Matrix: **Land Leachate**

Sample Date/Time:

Sample Received: **08 September 2016**

Analysis Complete: **22 September 2016**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	14/09/2016	Y Cov	WAS049
Copper, Total as Cu	0.019	mg/l	14/09/2016	Y Cov	WAS049
Zinc, Total as Zn	0.10	mg/l	14/09/2016	Y Cov	WAS049
pH	8.0	pH units	16/09/2016	Y Cov	WAS039
Ammoniacal Nitrogen as N	388	mg/l	15/09/2016	Y Cov	WAS055
Sulphate as SO4	6.7	mg/l	13/09/2016	N Cov	WAS036
Total Suspended Solids	20.0	mg/l	21/09/2016	N Cov	WAS006
COD (Total)	635	mg/l	21/09/2016	Y Cov	WAS040
Sulphide as S	0.053	mg/l	16/09/2016	N Cov	WAS033
Visible Oil	N	None	09/09/2016	N Cov	Visual Inspec
Methane, Dissolved	0.59	mg/l	16/09/2016	N Cov	62

Analyst Comments for 15543229:

The date of sampling has not been provided and therefore sample stability times cannot be assessed. It is therefore possible that the results provided may be compromised. {/*}Ammonia analysed by colorimetric method{*/}

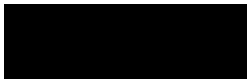
Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

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).

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:



Name:



Date: **22 September 2016**

Title:

Organic Operations Manager

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Mr [REDACTED]
Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford TF2 9FN
Shropshire

05 October 2016

Test Report: COV/1319813/2016

Dear Mr [REDACTED]

Analysis of your sample(s) submitted on 21 September 2016 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: [REDACTED]

Name: [REDACTED]

Title: Organic Operations Manager



Report Summary



1314
0897
4409



**Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford
Shropshire
TF2 9FN**

Date of Issue: **05 October 2016**

Report Number: **COV/1319813/2016**

Issue **1**

Job Description: Stoney Hill 2016

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

Job Received: **21 September 2016**

Number of Test Results
included in this report **11**

Analysis Commenced: **21 September 2016**

Signed:



Name:



Date: **05 October 2016**

Title:

Organic Operations 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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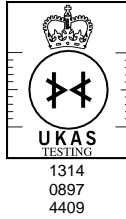
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Page 1 of 2

Certificate of Analysis



Report Number: **COV/1319813/2016**

Issue **1**

Laboratory Number: **15569451**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Stoney Hill**

Sample Matrix: **Land Leachate**

Sample Date/Time: **21 September 2016**

Sample Received: **21 September 2016**

Analysis Complete: **05 October 2016**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	26/09/2016	Y Cov	WAS049
Copper, Total as Cu	0.028	mg/l	26/09/2016	Y Cov	WAS049
Zinc, Total as Zn	0.116	mg/l	26/09/2016	Y Cov	WAS049
pH	8.5	pH units	26/09/2016	Y Cov	WAS039
Ammoniacal Nitrogen as N	195	mg/l	02/10/2016	Y Cov	WAS055
Sulphate as SO4	12.5	mg/l	25/09/2016	N Cov	WAS036
Total Suspended Solids	9.00	mg/l	05/10/2016	N Cov	WAS006
COD (Total)	639	mg/l	04/10/2016	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	04/10/2016	N Cov	WAS033
Visible Oil	No	None	21/09/2016	N Cov	Visual Inspec
Methane, Dissolved	<0.010	mg/l	29/09/2016	N Cov	62


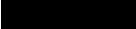
Analyst Comments for 15569451:

This sample has been analysed for Total Suspended Solids, Ammoniacal Nitrogen as N, COD (Total) outside recommended stability times. It is therefore possible that the results provided may be compromised. {/ *}Ammonia analysed by colorimetric method{*/}

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).

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 05 October 2016
	Title: Organic Operations Manager	

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Mr [REDACTED]
Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford TF2 9FN
Shropshire

19 October 2016

Test Report: COV/1324422/2016

Dear Mr [REDACTED]

Analysis of your sample(s) submitted on 05 October 2016 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: [REDACTED]

Name: [REDACTED]

Title: Inorganic Team Leader



Report Summary



**Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford
Shropshire
TF2 9FN**

Date of Issue: **19 October 2016**

Report Number: **COV/1324422/2016**

Issue **1**

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **05 October 2016**

Number of Test Results
included in this report **11**

Analysis Commenced: **06 October 2016**

Signed:

Name:

Date: **19 October 2016**

Title:

Inorganic Team Leader

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.

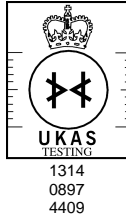
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Certificate of Analysis



Report Number: **COV/1324422/2016**

Issue **1**

Laboratory Number: **15601223**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Stoney Hill**

Sample Matrix: **Land Leachate**

Sample Date/Time:

Sample Received: **05 October 2016**

Analysis Complete: **19 October 2016**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	14/10/2016	Y Cov	WAS049
Copper, Total as Cu	0.023	mg/l	14/10/2016	Y Cov	WAS049
Zinc, Total as Zn	0.115	mg/l	14/10/2016	Y Cov	WAS049
pH	8.3	pH units	10/10/2016	Y Cov	WAS039
Ammoniacal Nitrogen as N	200	mg/l	07/10/2016	Y Cov	WAS055
Sulphate as SO4	11.6	mg/l	11/10/2016	N Cov	WAS036
Total Suspended Solids	15.0	mg/l	17/10/2016	N Cov	WAS006
COD (Total)	716	mg/l	07/10/2016	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	19/10/2016	N Cov	WAS033
Visible Oil	No	None	06/10/2016	N Cov	Visual Inspect
Methane, Dissolved	<0.010	mg/l	13/10/2016	N Cov	62



Analyst Comments for 15601223:

The date of sampling has not been provided and therefore sample stability times cannot be assessed. It is therefore possible that the results provided may be compromised. {/*}Ammonia analysed by colorimetric method{*/}

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).

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 19 October 2016
	Title: Inorganic Team Leader	

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Mr [REDACTED]
Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford TF2 9FN
Shropshire

26 October 2016

Test Report: COV/1326508/2016

Dear Mr [REDACTED]

Analysis of your sample(s) submitted on 12 October 2016 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: [REDACTED]

Name: [REDACTED]

Title: Inorganic Team Leader



Report Summary



**Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford
Shropshire
TF2 9FN**

Date of Issue: **26 October 2016**

Report Number: **COV/1326508/2016**

Issue **1**

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **12 October 2016**

Number of Test Results
included in this report **11**

Analysis Commenced: **13 October 2016**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **26 October 2016**

Title:

Inorganic Team Leader

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.

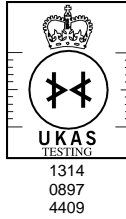
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Certificate of Analysis



Report Number: **COV/1326508/2016**

Issue **1**

Laboratory Number: **15615634**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Sample 1**

Sample Matrix: **Land Leachate**

Sample Date/Time:

Sample Received: **12 October 2016**

Analysis Complete: **26 October 2016**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	18/10/2016	Y Cov	WAS049
Copper, Total as Cu	0.026	mg/l	18/10/2016	Y Cov	WAS049
Zinc, Total as Zn	0.132	mg/l	18/10/2016	Y Cov	WAS049
pH	8.3	pH units	14/10/2016	Y Cov	WAS039
Ammoniacal Nitrogen as N	185	mg/l	18/10/2016	Y Cov	WAS055
Sulphate as SO4	12.8	mg/l	15/10/2016	N Cov	WAS036
Total Suspended Solids	7.00	mg/l	26/10/2016	N Cov	WAS006
COD (Total)	797	mg/l	14/10/2016	Y Cov	WAS040
Sulphide as S	0.095	mg/l	26/10/2016	N Cov	WAS033
Visible Oil	No	None	13/10/2016	N Cov	Visual Inspec
Methane, Dissolved	<0.010	mg/l	19/10/2016	N Cov	62



Analyst Comments for 15615634:

The date of sampling has not been provided and therefore sample stability times cannot be assessed. It is therefore possible that the results provided may be compromised. {/*}Ammonia analysed by colorimetric method{*/}

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).

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:  Name:  Date: **26 October 2016**
Title: **Inorganic Team Leader**

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Mr [REDACTED]
Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford TF2 9FN
Shropshire

09 November 2016

Test Report: COV/1330609/2016

Dear Mr [REDACTED]

Analysis of your sample(s) submitted on 26 October 2016 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: [REDACTED]

Name: [REDACTED]

Title: Organic Operations Manager



Report Summary



**Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford
Shropshire
TF2 9FN**

Date of Issue: **09 November 2016**

Report Number: **COV/1330609/2016**

Issue **1**

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **26 October 2016**

Number of Test Results
included in this report **11**

Analysis Commenced: **27 October 2016**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **09 November 2016**

Title:

Organic Operations 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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Certificate of Analysis



Report Number: **COV/1330609/2016**

Issue **1**

Laboratory Number: **15644712**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Sample**

Sample Matrix: **Not In Project**

Sample Date/Time:

Sample Received: **26 October 2016**

Analysis Complete: **09 November 2016**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	03/11/2016	N Cov	WAS049
Copper, Total as Cu	0.024	mg/l	03/11/2016	N Cov	WAS049
Zinc, Total as Zn	0.112	mg/l	03/11/2016	N Cov	WAS049
pH	8.0	pH units	02/11/2016	N Cov	WAS039
Ammoniacal Nitrogen as N	131	mg/l	01/11/2016	N Cov	WAS055
Sulphate as SO4	17.5	mg/l	28/10/2016	N Cov	WAS036
Total Suspended Solids	26.0	mg/l	09/11/2016	N Cov	WAS006
COD (Total)	801	mg/l	31/10/2016	N Cov	WAS040
Sulphide as S	<0.020	mg/l	08/11/2016	N Cov	WAS033
Visible Oil	N	None	27/10/2016	N Cov	Visual Inspec
Methane, Dissolved	<0.010	mg/l	03/11/2016	N Cov	62

Analyst Comments for 15644712:

The date of sampling has not been provided and therefore sample stability times cannot be assessed. It is therefore possible that the results provided may be compromised.

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).

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:

Name:

Date: **09 November 2016**

Title:

Organic Operations Manager

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Mr [REDACTED]
Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford TF2 9FN
Shropshire

17 November 2016

Test Report: COV/1332670/2016

Dear Mr [REDACTED]

Analysis of your sample(s) submitted on 02 November 2016 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: [REDACTED]

Name: [REDACTED]

Title: Organic Operations Manager



Report Summary



**Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford
Shropshire
TF2 9FN**

Date of Issue: **17 November 2016**

Report Number: **COV/1332670/2016**

Issue **1**

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **02 November 2016**

Number of Test Results
included in this report **11**

Analysis Commenced: **03 November 2016**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **17 November 2016**

Title: **Organic Operations 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.

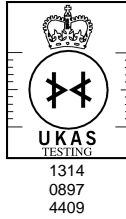
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested.

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Certificate of Analysis



Report Number: **COV/1332670/2016**

Issue **1**

Laboratory Number: **15659369**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Sample**

Sample Matrix: **Land Leachate**

Sample Date/Time: **02 November 2016**

Sample Received: **02 November 2016**

Analysis Complete: **17 November 2016**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	10/11/2016	Y Cov	WAS049
Copper, Total as Cu	0.027	mg/l	10/11/2016	Y Cov	WAS049
Zinc, Total as Zn	0.124	mg/l	10/11/2016	Y Cov	WAS049
pH	7.0	pH units	17/11/2016	Y Cov	WAS039
Ammoniacal Nitrogen as N	178	mg/l	10/11/2016	Y Cov	WAS055
Sulphate as SO4	19.7	mg/l	05/11/2016	N Cov	WAS036
Total Suspended Solids	14.0	mg/l	16/11/2016	N Cov	WAS006
COD (Total)	808	mg/l	16/11/2016	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	11/11/2016	N Cov	WAS033
Visible Oil	no	None	03/11/2016	N Cov	Visual Inspec
Methane, Dissolved	<0.010	mg/l	08/11/2016	N Cov	62

Analyst Comments for 15659369:

This sample has been analysed for pH, Total Suspended Solids, Ammoniacal Nitrogen as N, COD (Total) outside recommended stability times. It is therefore possible that the results provided may be compromised. {/ *}Ammonia analysed by colorimetric method{*/}



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).

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:  Name:  Date: **17 November 2016**
Title: **Organic Operations Manager**

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Mr [REDACTED]
Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford TF2 9FN
Shropshire

23 November 2016

Test Report: COV/1334759/2016

Dear Mr [REDACTED]

Analysis of your sample(s) submitted on 09 November 2016 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: [REDACTED]

Name: [REDACTED]

Title: Microbiology Manager



Report Summary



**Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford
Shropshire
TF2 9FN**

Date of Issue: **23 November 2016**

Report Number: **COV/1334759/2016**

Issue **1**

Job Description: Stoney Hill 2016

Job Location: Stoney Hill 2016

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

Job Received: **09 November 2016**

Number of Test Results
included in this report **11**

Analysis Commenced: **10 November 2016**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **23 November 2016**

Title:

Microbiology 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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Certificate of Analysis



Report Number: **COV/1334759/2016**

Issue **1**

Laboratory Number: **15674248**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Sample1**

Sample Matrix: **Not Specified**

Sample Date/Time:

Sample Received: **09 November 2016**

Analysis Complete: **23 November 2016**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	17/11/2016	N Cov	WAS049
Copper, Total as Cu	0.026	mg/l	17/11/2016	N Cov	WAS049
Zinc, Total as Zn	0.117	mg/l	17/11/2016	N Cov	WAS049
pH	8.0	pH units	17/11/2016	N Cov	WAS039
Ammoniacal Nitrogen as N	200	mg/l	11/11/2016	N Cov	WAS055
Sulphate as SO4	20.0	mg/l	11/11/2016	N Cov	WAS036
Total Suspended Solids	43.0	mg/l	23/11/2016	N Cov	WAS006
COD (Total)	834	mg/l	17/11/2016	N Cov	WAS040
Sulphide as S	0.119	mg/l	17/11/2016	N Cov	WAS033
Visible Oil	N	None	10/11/2016	N Cov	Visual Inspec
Methane, Dissolved	<0.010	mg/l	17/11/2016	N Cov	62

Analyst Comments for 15674248:

The date of sampling has not been provided and therefore sample stability times cannot be assessed. It is therefore possible that the results provided may be compromised. {*/}Ammonia analysed by colorimetric method The sample container received for Dissolved Methane was not filled in accordance with our container filling instructions. It is therefore possible that the result provided may be compromised.{*/}
The sample container received for Dissolved methane was not filled in accordance with our container filling instructions. It is therefore possible that the results provided may be compromised.

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).

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: _____

Name: _____

Date: **23 November 2016**

Title: **Microbiology Manager**

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Mr [REDACTED]
Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford TF2 9FN
Shropshire

30 November 2016

Test Report: COV/1337181/2016

Dear Mr [REDACTED]

Analysis of your sample(s) submitted on 16 November 2016 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: [REDACTED]

Name: [REDACTED]

Title: Microbiology Manager



Report Summary



**Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford
Shropshire
TF2 9FN**

Date of Issue: **30 November 2016**

Report Number: **COV/1337181/2016**

Issue **1**

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **16 November 2016**

Number of Test Results
included in this report **11**

Analysis Commenced: **17 November 2016**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **30 November 2016**

Title:

Microbiology 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.

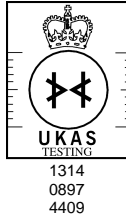
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested.

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

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Certificate of Analysis



Report Number: **COV/1337181/2016**

Issue **1**

Laboratory Number: **15692334**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Stoney Hill**

Sample Matrix: **Land Leachate**

Sample Date/Time:

Sample Received: **16 November 2016**

Analysis Complete: **30 November 2016**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	30/11/2016	Y Cov	WAS049
Copper, Total as Cu	0.025	mg/l	30/11/2016	Y Cov	WAS049
Zinc, Total as Zn	0.129	mg/l	30/11/2016	Y Cov	WAS049
pH	8.1	pH units	23/11/2016	Y Cov	WAS039
Ammoniacal Nitrogen as N	318	mg/l	23/11/2016	Y Cov	WAS055
Sulphate as SO4	22.8	mg/l	21/11/2016	N Cov	WAS036
Total Suspended Solids	16.0	mg/l	30/11/2016	N Cov	WAS006
COD (Total)	797	mg/l	30/11/2016	Y Cov	WAS040
Sulphide as S	0.068	mg/l	28/11/2016	N Cov	WAS033
Visible Oil	No	None	17/11/2016	N Cov	Visual Inspec
Methane, Dissolved	0.079	mg/l	24/11/2016	N Cov	62

Analyst Comments for 15692334:



The date of sampling has not been provided and therefore sample stability times cannot be assessed. It is therefore possible that the results provided may be compromised. {/*}Ammonia analysed by colorimetric method{*/}

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).

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 30 November 2016
	Title: Microbiology Manager	

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Mr [REDACTED]
Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford TF2 9FN
Shropshire

03 January 2017

Test Report: COV/1346260/2016

Dear Mr [REDACTED]

Analysis of your sample(s) submitted on 14 December 2016 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: [REDACTED]

Name: [REDACTED]

Title: Inorganic Team Leader



Report Summary



**Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford
Shropshire
TF2 9FN**

Date of Issue: **03 January 2017**

Report Number: **COV/1346260/2016**

Issue **1**

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **14 December 2016**

Number of Test Results
included in this report **11**

Analysis Commenced: **15 December 2016**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **03 January 2017**

Title:

Inorganic Team Leader

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.

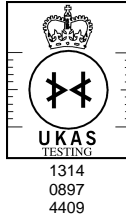
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested.

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

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Certificate of Analysis



Report Number: **COV/1346260/2016**

Issue **1**

Laboratory Number: **15756303**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Stoney Hill**

Sample Matrix: **Land Leachate**

Sample Date/Time: **15 December 2016**

Sample Received: **14 December 2016**

Analysis Complete: **03 January 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	1.1	mg/l	31/12/2016	Y Cov	WAS049
Copper, Total as Cu	0.024	mg/l	31/12/2016	Y Cov	WAS049
Zinc, Total as Zn	0.125	mg/l	31/12/2016	Y Cov	WAS049
pH	7.6	pH units	29/12/2016	Y Cov	WAS039
Ammoniacal Nitrogen as N	232	mg/l	21/12/2016	Y Cov	WAS055
Sulphate as SO ₄	31.3	mg/l	21/12/2016	N Cov	WAS036
Total Suspended Solids	14.0	mg/l	29/12/2016	N Cov	WAS006
COD (Total)	680	mg/l	29/12/2016	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	30/12/2016	N Cov	WAS033
Visible Oil	No	None	15/12/2016	N Cov	Visual Inspec
Methane, Dissolved	<0.010	mg/l	22/12/2016	N Cov	62

Analyst Comments for 15756303:

This sample has been analysed for pH, Total Suspended Solids, Aluminium, Total as Al, Copper, Total as Cu, COD (Total) outside recommended stability times. It is therefore possible that the results provided may be compromised. {/*}Ammonia analysed by colorimetric method{*/}

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).

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:

Name:

Date: **03 January 2017**

Title:

Inorganic Team Leader

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
Tel:+44 (0)24 7642 1213 Fax:+44 (0)24 7685 6575

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

T: +44 (0)24 7642 1213
F: +44 (0)24 7685 6575
www.alsenvironmental.co.uk

Mr [REDACTED]
Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford TF2 9FN
Shropshire

09 January 2017

Test Report: COV/1348696/2016

Dear Mr [REDACTED]

Analysis of your sample(s) submitted on 21 December 2016 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: [REDACTED]

Name: [REDACTED]

Title: Inorganic Team Leader



Report Summary



**Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford
Shropshire
TF2 9FN**

Date of Issue: **09 January 2017**

Report Number: **COV/1348696/2016**

Issue **1**

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **21 December 2016**

Number of Test Results
included in this report **11**

Analysis Commenced: **22 December 2016**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **09 January 2017**

Title: **Inorganic Team Leader**

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.

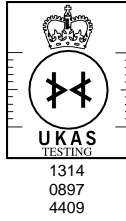
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested.

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

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Certificate of Analysis



Report Number: **COV/1348696/2016**

Issue **1**

Laboratory Number: **15774642**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Stoney Hill**

Sample Matrix: **Land Leachate**

Sample Date/Time: **22 December 2016**

Sample Received: **21 December 2016**

Analysis Complete: **09 January 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	07/01/2017	Y Cov	WAS049
Copper, Total as Cu	0.023	mg/l	07/01/2017	Y Cov	WAS049
Zinc, Total as Zn	0.114	mg/l	07/01/2017	Y Cov	WAS049
pH	8.0	pH units	03/01/2017	Y Cov	WAS039
Ammoniacal Nitrogen as N	222	mg/l	23/12/2016	Y Cov	WAS055
Sulphate as SO4	35.4	mg/l	24/12/2016	N Cov	WAS036
Total Suspended Solids	6.00	mg/l	30/12/2016	N Cov	WAS006
COD (Total)	744	mg/l	28/12/2016	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	03/01/2017	N Cov	WAS033
Visible Oil	No	None	22/12/2016	N Cov	Visual Inspec
Methane, Dissolved	<0.010	mg/l	30/12/2016	N Cov	62



Analyst Comments for 15774642:

This sample has been analysed for pH, Total Suspended Solids outside recommended stability times. It is therefore possible that the results provided may be compromised. {(*)}Ammonia analysed by colorimetric method{(*)}

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).

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed: 	Name: 	Date: 09 January 2017
	Title: Inorganic Team Leader	