

ALS Environmental Ltd
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CV4 9GU

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www.alsenvironmental.co.uk

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

12 January 2017

Test Report: COV/1350028/2017

Dear ██████████

Analysis of your sample(s) submitted on 04 January 2017 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: ██████████

Name: ██████████

Title: Inorganics Operations Manager



Report Summary



1314
0897
4409



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

Date of Issue: **12 January 2017**

Report Number: **COV/1350028/2017**

Issue **1**

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **04 January 2017**

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

Analysis Commenced: **04 January 2017**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **12 January 2017**

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.

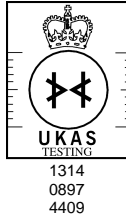
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested.

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/1350028/2017**

Issue **1**

Laboratory Number: **15785906**

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: **04 January 2017**

Analysis Complete: **12 January 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	12/01/2017	Y Cov	WAS049
Copper, Total as Cu	0.025	mg/l	12/01/2017	Y Cov	WAS049
Zinc, Total as Zn	0.124	mg/l	12/01/2017	Y Cov	WAS049
pH	7.7	pH units	10/01/2017	Y Cov	WAS039
Ammoniacal Nitrogen as N	175	mg/l	10/01/2017	Y Cov	WAS055
Sulphate as SO4	41.2	mg/l	05/01/2017	N Cov	WAS036
Total Suspended Solids	3.00	mg/l	12/01/2017	N Cov	WAS006
COD (Total)	807	mg/l	05/01/2017	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	05/01/2017	N Cov	WAS033
Visible Oil	No	None	04/01/2017	N Cov	Visual Inspec
Methane, Dissolved	<0.010	mg/l	09/01/2017	N Cov	62

Analyst Comments for 15785906:



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: 12 January 2017
	Title: Inorganics Operations Manager	

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

25 January 2017

Test Report: COV/1351996/2017

Dear ██████████

Analysis of your sample(s) submitted on 11 January 2017 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: ██████████

Name: ██████████

Title: Inorganic Team Leader



Report Summary



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

Date of Issue: **25 January 2017**

Report Number: **COV/1351996/2017**

Issue **1**

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: 11 January 2017

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

Analysis Commenced: 11 January 2017

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **25 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.

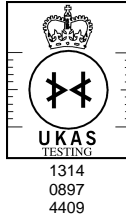
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Certificate of Analysis



Report Number: **COV/1351996/2017**

Issue **1**

Laboratory Number: **15801033**

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: **11 January 2017**

Analysis Complete: **25 January 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	13/01/2017	Y Cov	WAS049
Copper, Total as Cu	0.028	mg/l	13/01/2017	Y Cov	WAS049
Zinc, Total as Zn	0.109	mg/l	13/01/2017	Y Cov	WAS049
pH	7.9	pH units	14/01/2017	Y Cov	WAS039
Ammoniacal Nitrogen as N	159	mg/l	16/01/2017	Y Cov	WAS055
Sulphate as SO4	42.6	mg/l	12/01/2017	N Cov	WAS036
Total Suspended Solids	177	mg/l	23/01/2017	N Cov	WAS006
COD (Total)	798	mg/l	25/01/2017	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	13/01/2017	N Cov	WAS033
Visible Oil	No	None	11/01/2017	N Cov	Visual Inspec
Methane, Dissolved	<0.010	mg/l	16/01/2017	N Cov	62

Analyst Comments for 15801033:

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.

{/*}The container received for Dissolved Methane was not filled in accordance with our filling instructions.

It is therefore possible that the result 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: **25 January 2017**

Title:

Inorganic Team Leader

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

08 February 2017

Test Report: COV/1356550/2017

Dear ██████████

Analysis of your sample(s) submitted on 25 January 2017 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: ██████████

Name: ██████████

Title: Inorganic Team Leader



Report Summary



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

Date of Issue: **08 February 2017**

Report Number: **COV/1356550/2017**

Issue **2**

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **25 January 2017**

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

Analysis Commenced: **26 January 2017**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **08 February 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.

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Certificate of Analysis



Report Number: **COV/1356550/2017**

Issue **2**

Laboratory Number: **15835939**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Sample 1**

Sample Matrix: **Not Specified**

Sample Date/Time:

Sample Received: **25 January 2017**

Analysis Complete: **08 February 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	30/01/2017	N Cov	WAS049
Copper, Total as Cu	0.021	mg/l	30/01/2017	N Cov	WAS049
Zinc, Total as Zn	0.117	mg/l	30/01/2017	N Cov	WAS049
pH	8.0	pH units	26/01/2017	N Cov	WAS039
Ammoniacal Nitrogen as N	387	mg/l	27/01/2017	N Cov	WAS055
Sulphate as SO4	30.7	mg/l	26/01/2017	N Cov	WAS036
Total Suspended Solids	11.0	mg/l	08/02/2017	N Cov	WAS006
COD (Total)	744	mg/l	02/02/2017	N Cov	WAS040
Sulphide as S	<0.020	mg/l	27/01/2017	N Cov	WAS033
Methane, Dissolved	<0.010	mg/l	01/02/2017	N Cov	62

Analyst Comments for 15835939:

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 container received for Dissolved methane was not filled in accordance with our filling instructions. It is therefore possible that the result provided may be compromised.{/*}

This issue replaces all previous issues

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

Analysed at: Cov = Coventry(CV4 9GU), Che = Chester(CH4 9EP), Ott = Otterbourne(SO21 2SW), S = Subcontracted, Trb = Subcontracted to Trowbridge(BA14 0XD), Wak = Wakefield(WF5 9TG). For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. The LOD for the Legionella analysis will increase where the volume analysed is <1000g (1g is approximately equivalent to 1ml for sample volume analysed).

Signed:

Name:

Date: **08 February 2017**

Title: **Inorganic Team Leader**

ALS Environmental Ltd

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

17 February 2017

Test Report: COV/1358762/2017

Dear ██████████

Analysis of your sample(s) submitted on 01 February 2017 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: ██████████

Name: ██████████

Title: Inorganic Team Leader



Report Summary



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

Date of Issue: **17 February 2017**

Report Number: **COV/1358762/2017**

Issue **1**

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **01 February 2017**

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

Analysis Commenced: **02 February 2017**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **17 February 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.

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Certificate of Analysis



Report Number: **COV/1358762/2017**

Issue **1**

Laboratory Number: **15852518**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **1**

Sample Matrix: **Not Specified**

Sample Date/Time:

Sample Received: **01 February 2017**

Analysis Complete: **15 February 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	07/02/2017	N Cov	WAS049
Copper, Total as Cu	0.012	mg/l	07/02/2017	N Cov	WAS049
Zinc, Total as Zn	0.06	mg/l	07/02/2017	N Cov	WAS049
pH	7.9	pH units	15/02/2017	N Cov	WAS039
Ammoniacal Nitrogen as N	239	mg/l	03/02/2017	N Cov	WAS055
Sulphate as SO ₄	5.1	mg/l	11/02/2017	N Cov	WAS036
Total Suspended Solids	50.0	mg/l	15/02/2017	N Cov	WAS006
COD (Total)	366	mg/l	15/02/2017	N Cov	WAS040
Sulphide as S	0.039	mg/l	03/02/2017	N Cov	WAS033
Visible Oil	no	None	02/02/2017	N Cov	Visual Inspec
Methane, Dissolved	0.11	mg/l	09/02/2017	N Cov	62

Analyst Comments for 15852518:

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.

This issue replaces all previous issues

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

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

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

Signed:

A black rectangular box redacting the signature of the analyst.

Name:

A black rectangular box redacting the name of the analyst.

Date: **17 February 2017**

Title:

Inorganic Team Leader

ALS Environmental Ltd

Torrington Avenue, Coventry, CV4 9GU
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Telford & Wrekin Council
Structures & Geotechnics
Whitechapel House
Whitechapel Way, Priorslee
Telford TF2 9FN
Shropshire

20 February 2017

Test Report: COV/1360096/2017

Dear ██████████

Analysis of your sample(s) submitted on 06 February 2017 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: ██████████

Name: ██████████

Title: Inorganic Team Leader



Report Summary



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

Date of Issue: **20 February 2017**

Report Number: **COV/1360096/2017**

Issue **1**

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **06 February 2017**

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

Analysis Commenced: **07 February 2017**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **20 February 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.

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Certificate of Analysis



Report Number: **COV/1360096/2017**

Issue **1**

Laboratory Number: **15862299**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **WW**

Sample Matrix: **Not Specified**

Sample Date/Time: **03 February 2017**

Sample Received: **06 February 2017**

Analysis Complete: **20 February 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	2.5	mg/l	13/02/2017	N Cov	WAS049
Copper, Total as Cu	0.029	mg/l	13/02/2017	N Cov	WAS049
Zinc, Total as Zn	0.201	mg/l	13/02/2017	N Cov	WAS049
pH	6.9	pH units	19/02/2017	N Cov	WAS039
Ammoniacal Nitrogen as N	0.57	mg/l	10/02/2017	N Cov	WAS036
Sulphate as SO4	177	mg/l	16/02/2017	N Cov	WAS036
Total Suspended Solids	616	mg/l	10/02/2017	N Cov	WAS006
COD (Total)	192	mg/l	09/02/2017	N Cov	WAS040
Sulphide as S	0.189	mg/l	14/02/2017	N Cov	WAS033
Visible Oil	None	None	07/02/2017	N Cov	Visual Inspec
Methane, Dissolved	1.3	mg/l	09/02/2017	N Cov	62

Analyst Comments for 15862299:

This sample has been analysed for pH outside recommended stability times. It is therefore possible that the results provided may be compromised.

This issue replaces all previous issues

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

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

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

Signed:

Name:

Date: **20 February 2017**

Title:

Inorganic Team Leader

ALS Environmental Ltd

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

23 February 2017

Test Report: COV/1361127/2017

Dear ██████████

Analysis of your sample(s) submitted on 08 February 2017 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: ██████████

Name: ██████████

Title: Inorganic Team Leader



Report Summary



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

Date of Issue: **23 February 2017**

Report Number: **COV/1361127/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

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

Job Received: **08 February 2017**

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

Analysis Commenced: **09 February 2017**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **23 February 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/1361127/2017**

Issue **1**

Laboratory Number: **15871141**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Sample 1**

Sample Matrix: **Not In Project**

Sample Date/Time:

Sample Received: **08 February 2017**

Analysis Complete: **23 February 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	20/02/2017	N Cov	WAS049
Copper, Total as Cu	<0.009	mg/l	20/02/2017	N Cov	WAS049
Zinc, Total as Zn	0.04	mg/l	20/02/2017	N Cov	WAS049
pH	8.5	pH units	17/02/2017	N Cov	WAS039
Ammoniacal Nitrogen as N	178	mg/l	17/02/2017	N Cov	WAS055
Sulphate as SO4	5.2	mg/l	21/02/2017	N Cov	WAS036
Total Suspended Solids	7.00	mg/l	22/02/2017	N Cov	WAS006
COD (Total)	333	mg/l	22/02/2017	N Cov	WAS040
Sulphide as S	<0.020	mg/l	21/02/2017	N Cov	WAS033
Visible Oil	no	None	09/02/2017	N Cov	Visual Inspec

Analyst Comments for 15871141:

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{*/}

This issue replaces all previous issues

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

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

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

Signed:

Name:

Date: **23 February 2017**

Title:

Inorganic Team Leader

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CV4 9GU

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

01 March 2017

Test Report: COV/1363298/2017

Dear ██████████

Analysis of your sample(s) submitted on 15 February 2017 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,

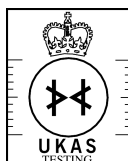
Signed: ██████████

Name: ██████████

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: **01 March 2017**

Report Number: **COV/1363298/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: 15 February 2017

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

Analysis Commenced: 16 February 2017

Signed:

Name:

Date: **01 March 2017**

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.

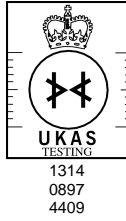
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested.

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/1363298/2017**

Issue **1**

Laboratory Number: **15888424**

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: **15 February 2017**

Analysis Complete: **01 March 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	27/02/2017	Y Cov	WAS049
Copper, Total as Cu	<0.009	mg/l	27/02/2017	Y Cov	WAS049
Zinc, Total as Zn	0.04	mg/l	27/02/2017	Y Cov	WAS049
pH	7.8	pH units	01/03/2017	Y Cov	WAS039
Ammoniacal Nitrogen as N	206	mg/l	23/02/2017	Y Cov	WAS055
Sulphate as SO4	<4.4	mg/l	27/02/2017	N Cov	WAS036
Total Suspended Solids	39.0	mg/l	01/03/2017	N Cov	WAS006
COD (Total)	326	mg/l	01/03/2017	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	28/02/2017	N Cov	WAS033
Visible Oil	No	None	16/02/2017	N Cov	Visual Inspec
Methane, Dissolved	0.014	mg/l	28/02/2017	N Cov	62

Analyst Comments for 15888424:

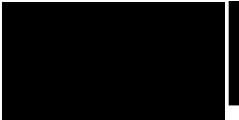
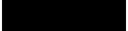
The date of sampling has not been provided and therefore sample stability times cannot be assessed. It is therefore possible that the results provided may be compromised. {/*}Ammonia analysed by colorimetric method{*/}

This issue replaces all previous issues

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

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

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

Signed: 	Name: 	Date: 01 March 2017
	Title: Organic Team Leader	

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

06 March 2017

Test Report: COV/1365341/2017

Dear ██████████

Analysis of your sample(s) submitted on 22 February 2017 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,

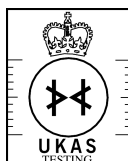
Signed: ██████████

Name: ██████████

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 March 2017**

Report Number: **COV/1365341/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

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

Job Received: **22 February 2017**

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

Analysis Commenced: **23 February 2017**

Signed:

Name:

Date: **06 March 2017**

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.

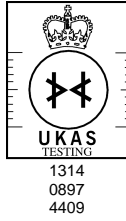
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested.

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/1365341/2017**

Issue **1**

Laboratory Number: **15903841**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Sample 1**

Sample Matrix: **Land Leachate**

Sample Date/Time: **22 February 2017 10:00**

Sample Received: **22 February 2017**

Analysis Complete: **06 March 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	03/03/2017	Y Cov	WAS049
Copper, Total as Cu	<0.009	mg/l	03/03/2017	Y Cov	WAS049
Zinc, Total as Zn	0.06	mg/l	03/03/2017	Y Cov	WAS049
pH	8.2	pH units	24/02/2017	Y Cov	WAS039
Ammoniacal Nitrogen as N	222	mg/l	01/03/2017	Y Cov	WAS055
Sulphate as SO4	<4.4	mg/l	02/03/2017	N Cov	WAS036
Total Suspended Solids	26.0	mg/l	01/03/2017	N Cov	WAS006
COD (Total)	313	mg/l	03/03/2017	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	03/03/2017	N Cov	WAS033
Visible Oil	None	None	23/02/2017	N Cov	Visual Inspec
Methane, Dissolved	0.011	mg/l	28/02/2017	N Cov	62


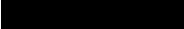
Analyst Comments for 15903841:

This sample has been analysed for 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{(*)}

This issue replaces all previous issues

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

Analysed at: Cov = Coventry(CV4 9GU), Che = Chester(CH4 9EP), Ott = Otterbourne(SO21 2SW), S = Subcontracted, Trb = Subcontracted to Trowbridge(BA14 0XD), Wak = Wakefield(WF5 9TG). For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. The LOD for the Legionella analysis will increase where the volume analysed is <1000g (1g is approximately equivalent to 1ml for sample volume analysed).

Signed: 	Name: 	Date: 06 March 2017
	Title: Organic Team Leader	

ALS Environmental Ltd

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www.alsenvironmental.co.uk

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

14 March 2017

Test Report: COV/1368204/2017

Dear ██████████

Analysis of your sample(s) submitted on 01 March 2017 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: ██████████

Name: ██████████

Title: Organic Operations Manager



Report Summary



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

Date of Issue: **14 March 2017**

Report Number: **COV/1368204/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

Number of Samples
included in this report **3**

Job Received: **01 March 2017**

Number of Test Results
included in this report **33**

Analysis Commenced: **03 March 2017**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **14 March 2017**

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.

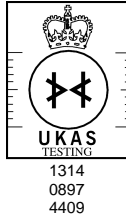
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested.

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/1368204/2017**

Issue **1**

Laboratory Number: **15924107**

Sample **1** of **3**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Pond A**

Sample Matrix: **Not Specified**

Sample Date/Time: **01 March 2017**

Sample Received: **01 March 2017**

Analysis Complete: **14 March 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	0.1	mg/l	11/03/2017	N Cov	WAS049
Copper, Total as Cu	<0.009	mg/l	11/03/2017	N Cov	WAS049
Zinc, Total as Zn	0.03	mg/l	11/03/2017	N Cov	WAS049
pH	8.1	pH units	11/03/2017	N Cov	WAS039
Ammoniacal Nitrogen as N	<0.41	mg/l	07/03/2017	N Cov	WAS036
Sulphate as SO4	67.5	mg/l	07/03/2017	N Cov	WAS036
Total Suspended Solids	7.00	mg/l	08/03/2017	N Cov	WAS006
COD (Total)	39.0	mg/l	06/03/2017	N Cov	WAS040
Sulphide as S	<0.020	mg/l	13/03/2017	N Cov	WAS033
Visible Oil	No	None	03/03/2017	N Cov	Visual Inspec
Methane, Dissolved	<0.010	mg/l	07/03/2017	N Cov	62

Analyst Comments for 15924107:

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

This issue replaces all previous issues

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

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

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

Signed:

Name:

Date: **14 March 2017**

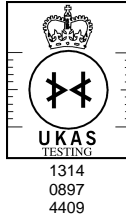
Title:

Organic Operations Manager

ALS Environmental Ltd

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

Certificate of Analysis



Report Number: **COV/1368204/2017**

Issue **1**

Laboratory Number: **15924108**

Sample **2** of **3**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Pond C**

Sample Matrix: **Not Specified**

Sample Date/Time: **01 March 2017**

Sample Received: **01 March 2017**

Analysis Complete: **14 March 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	0.4	mg/l	11/03/2017	N Cov	WAS049
Copper, Total as Cu	<0.009	mg/l	11/03/2017	N Cov	WAS049
Zinc, Total as Zn	0.05	mg/l	11/03/2017	N Cov	WAS049
pH	7.4	pH units	11/03/2017	N Cov	WAS039
Ammoniacal Nitrogen as N	0.49	mg/l	07/03/2017	N Cov	WAS036
Sulphate as SO ₄	107	mg/l	07/03/2017	N Cov	WAS036
Total Suspended Solids	13.0	mg/l	08/03/2017	N Cov	WAS006
COD (Total)	46.0	mg/l	06/03/2017	N Cov	WAS040
Sulphide as S	<0.020	mg/l	13/03/2017	N Cov	WAS033
Visible Oil	No	None	03/03/2017	N Cov	Visual Inspec
Methane, Dissolved	<0.010	mg/l	07/03/2017	N Cov	62

Analyst Comments for 15924108:

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

This issue replaces all previous issues

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

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

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

Signed:

Name:

Date: **14 March 2017**

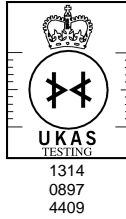
Title:

Organic Operations Manager

ALS Environmental Ltd

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

Certificate of Analysis



Report Number: **COV/1368204/2017**

Issue **1**

Laboratory Number: **15924109**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Leachate**

Sample Matrix: **Land Leachate**

Sample Date/Time: **01 March 2017**

Sample Received: **01 March 2017**

Analysis Complete: **14 March 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	11/03/2017	Y Cov	WAS049
Copper, Total as Cu	0.009	mg/l	11/03/2017	Y Cov	WAS049
Zinc, Total as Zn	0.05	mg/l	11/03/2017	Y Cov	WAS049
pH	7.9	pH units	11/03/2017	Y Cov	WAS039
Ammoniacal Nitrogen as N	162	mg/l	06/03/2017	Y Cov	WAS055
Sulphate as SO4	5.4	mg/l	07/03/2017	N Cov	WAS036
Total Suspended Solids	1.00	mg/l	08/03/2017	N Cov	WAS006
COD (Total)	398	mg/l	06/03/2017	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	13/03/2017	N Cov	WAS033
Visible Oil	No	None	03/03/2017	N Cov	Visual Inspec
Methane, Dissolved	<0.010	mg/l	13/03/2017	N Cov	62

Analyst Comments for 15924109:

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

This issue replaces all previous issues

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

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

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

Signed:

Name:

Date: **14 March 2017**

Title:

Organic Operations Manager

ALS Environmental Ltd

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

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

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

29 March 2017

Test Report: COV/1372196/2017

Dear ██████████

Analysis of your sample(s) submitted on 15 March 2017 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: ██████████

Name: ██████████

Title: Inorganics Operations Manager



Report Summary



1314
0897
4409



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

Date of Issue: **29 March 2017**

Report Number: **COV/1372196/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **15 March 2017**

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

Analysis Commenced: **16 March 2017**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **29 March 2017**

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.

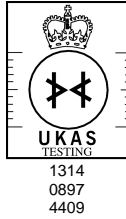
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested.

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

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No. 02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

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Certificate of Analysis



Report Number: **COV/1372196/2017**

Issue **1**

Laboratory Number: **15953706**

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: **15 March 2017**

Analysis Complete: **29 March 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	24/03/2017	Y Cov	WAS049
Copper, Total as Cu	0.017	mg/l	24/03/2017	Y Cov	WAS049
Zinc, Total as Zn	0.04	mg/l	24/03/2017	Y Cov	WAS049
pH	7.4	pH units	27/03/2017	Y Cov	WAS039
Ammoniacal Nitrogen as N	88.4	mg/l	27/03/2017	Y Cov	WAS055
Sulphate as SO4	13.4	mg/l	17/03/2017	N Cov	WAS036
Total Suspended Solids	4.00	mg/l	28/03/2017	N Cov	WAS006
COD (Total)	407	mg/l	29/03/2017	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	24/03/2017	N Cov	WAS033
Visible Oil	No	None	16/03/2017	N Cov	Visual Inspec
Methane, Dissolved	0.011	mg/l	23/03/2017	N Cov	62



Analyst Comments for 15953706:

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{*/}

This issue replaces all previous issues

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

Analysed at: Cov = Coventry(CV4 9GU), Che = Chester(CH4 9EP), Ott = Otterbourne(SO21 2SW), S = Subcontracted, Trb = Subcontracted to Trowbridge(BA14 0XD), Wak = Wakefield(WF5 9TG). For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. The LOD for the Legionella analysis will increase where the volume analysed is <1000g (1g is approximately equivalent to 1ml for sample volume analysed).

Signed: 	Name: 	Date: 29 March 2017
	Title: Inorganics Operations Manager	

ALS Environmental Ltd

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www.alsenvironmental.co.uk

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

04 April 2017

Test Report: COV/1374024/2017

Dear [REDACTED]

Analysis of your sample(s) submitted on 22 March 2017 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,

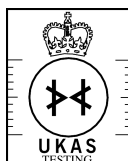
Signed: [REDACTED]

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: **04 April 2017**

Report Number: **COV/1374024/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **22 March 2017**

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

Analysis Commenced: **22 March 2017**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **04 April 2017**

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.

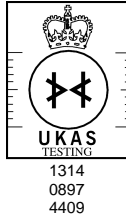
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested.

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/1374024/2017**

Issue **1**

Laboratory Number: **15967573**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Sample 1**

Sample Matrix: **Land Leachate**

Sample Date/Time: **22 March 2017 09:30**

Sample Received: **22 March 2017**

Analysis Complete: **04 April 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	27/03/2017	Y Cov	WAS049
Copper, Total as Cu	0.023	mg/l	27/03/2017	Y Cov	WAS049
Zinc, Total as Zn	0.05	mg/l	27/03/2017	Y Cov	WAS049
pH	7.8	pH units	23/03/2017	Y Cov	WAS039
Ammoniacal Nitrogen as N	108	mg/l	27/03/2017	Y Cov	WAS055
Sulphate as SO4	16.6	mg/l	23/03/2017	N Cov	WAS036
Total Suspended Solids	16.0	mg/l	29/03/2017	N Cov	WAS006
COD (Total)	384	mg/l	27/03/2017	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	27/03/2017	N Cov	WAS033
Visible Oil	N	None	22/03/2017	N Cov	Visual Inspec
Methane, Dissolved	<0.010	mg/l	03/04/2017	N Cov	62

Analyst Comments for 15967573:

{/*}Ammonia analysed by colorimetric method{*/}

This issue replaces all previous issues

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

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

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

Signed:



Name:



Date: **04 April 2017**

Title:

Organic Team Leader

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Coventry
CV4 9GU

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

12 April 2017

Test Report: COV/1376359/2017

Dear ██████████

Analysis of your sample(s) submitted on 29 March 2017 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: ██████████

Name: ██████████

Title: Inorganic Team Leader



Report Summary



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

Date of Issue: **12 April 2017**

Report Number: **COV/1376359/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

Number of Samples
included in this report **4**

Job Received: **29 March 2017**

Number of Test Results
included in this report **44**

Analysis Commenced: **30 March 2017**

Signed:



Name:



Date: **12 April 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/1376359/2017**

Issue **1**

Laboratory Number: **15985535**

Sample **1** of **4**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **M5**

Sample Matrix: **Not Specified**

Sample Date/Time: **29 March 2017 11:40**

Sample Received: **29 March 2017**

Analysis Complete: **12 April 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	0.4	mg/l	04/04/2017	N Cov	WAS049
Copper, Total as Cu	0.101	mg/l	04/04/2017	N Cov	WAS049
Zinc, Total as Zn	4.40	mg/l	04/04/2017	N Cov	WAS049
pH	6.2	pH units	31/03/2017	N Cov	WAS039
Ammoniacal Nitrogen as N	1.64	mg/l	30/03/2017	N Cov	WAS036
Sulphate as SO4	1520	mg/l	30/03/2017	N Cov	WAS036
Total Suspended Solids	326	mg/l	05/04/2017	N Cov	WAS006
COD (Total)	152	mg/l	04/04/2017	N Cov	WAS040
Sulphide as S	0.076	mg/l	11/04/2017	N Cov	WAS033
Visible Oil	No	None	30/03/2017	N Cov	Visual Inspec
Methane, Dissolved	4.2	mg/l	04/04/2017	N Cov	62

Analyst Comments for 15985535:

{/*}Ammonia analysed by Colorimetry method.{*/}

This issue replaces all previous issues

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

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

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

Signed:

Name:

Date: **12 April 2017**

Title:

Inorganic Team Leader

Certificate of Analysis



Report Number: **COV/1376359/2017**

Issue **1**

Laboratory Number: **15985536**

Sample **2** of **4**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **M6**

Sample Matrix: **Not Specified**

Sample Date/Time: **29 March 2017 11:30**

Sample Received: **29 March 2017**

Analysis Complete: **12 April 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	04/04/2017	N Cov	WAS049
Copper, Total as Cu	0.013	mg/l	04/04/2017	N Cov	WAS049
Zinc, Total as Zn	0.02	mg/l	04/04/2017	N Cov	WAS049
pH	7.9	pH units	31/03/2017	N Cov	WAS039
Ammoniacal Nitrogen as N	<0.41	mg/l	12/04/2017	N Cov	WAS036
Sulphate as SO4	<4.4	mg/l	30/03/2017	N Cov	WAS036
Total Suspended Solids	18.0	mg/l	05/04/2017	N Cov	WAS006
COD (Total)	11.0	mg/l	04/04/2017	N Cov	WAS040
Sulphide as S	<0.020	mg/l	11/04/2017	N Cov	WAS033
Visible Oil	No	None	30/03/2017	N Cov	Visual Inspec
Methane, Dissolved	<0.010	mg/l	04/04/2017	N Cov	62


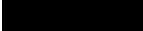
Analyst Comments for 15985536:

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

This issue replaces all previous issues

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

Analysed at: Cov = Coventry(CV4 9GU), Che = Chester(CH4 9EP), Ott = Otterbourne(SO21 2SW), S = Subcontracted, Trb = Subcontracted to Trowbridge(BA14 0XD), Wak = Wakefield(WF5 9TG). For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. The LOD for the Legionella analysis will increase where the volume analysed is <1000g (1g is approximately equivalent to 1ml for sample volume analysed).

Signed:  Name:  Date: **12 April 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

Certificate of Analysis



Report Number: **COV/1376359/2017**

Issue **1**

Laboratory Number: **15985537**

Sample **3** of **4**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **M37**

Sample Matrix: **Not Specified**

Sample Date/Time: **29 March 2017 11:24**

Sample Received: **29 March 2017**

Analysis Complete: **12 April 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	0.2	mg/l	04/04/2017	N Cov	WAS049
Copper, Total as Cu	0.023	mg/l	04/04/2017	N Cov	WAS049
Zinc, Total as Zn	1.70	mg/l	04/04/2017	N Cov	WAS049
pH	6.3	pH units	31/03/2017	N Cov	WAS039
Ammoniacal Nitrogen as N	<0.41	mg/l	30/03/2017	N Cov	WAS036
Sulphate as SO4	226	mg/l	30/03/2017	N Cov	WAS036
Total Suspended Solids	<0.41	mg/l	03/04/2017	N Cov	WAS006
COD (Total)	39.0	mg/l	10/04/2017	N Cov	WAS040
Sulphide as S	0.034	mg/l	11/04/2017	N Cov	WAS033
Visible Oil	No	None	30/03/2017	N Cov	Visual Inspec
Methane, Dissolved	<0.010	mg/l	04/04/2017	N Cov	62


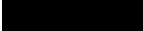
Analyst Comments for 15985537:

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

This issue replaces all previous issues

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

Analysed at: Cov = Coventry(CV4 9GU), Che = Chester(CH4 9EP), Ott = Otterbourne(SO21 2SW), S = Subcontracted, Trb = Subcontracted to Trowbridge(BA14 0XD), Wak = Wakefield(WF5 9TG). For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. The LOD for the Legionella analysis will increase where the volume analysed is <1000g (1g is approximately equivalent to 1ml for sample volume analysed).

Signed: 	Name: 	Date: 12 April 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

Certificate of Analysis



Report Number: **COV/1376359/2017**

Issue **1**

Laboratory Number: **15985538**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Leachate**

Sample Matrix: **Not Specified**

Sample Date/Time: **29 March 2017 11:03**

Sample Received: **29 March 2017**

Analysis Complete: **12 April 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	04/04/2017	N Cov	WAS049
Copper, Total as Cu	<0.009	mg/l	04/04/2017	N Cov	WAS049
Zinc, Total as Zn	0.05	mg/l	04/04/2017	N Cov	WAS049
pH	7.6	pH units	31/03/2017	N Cov	WAS039
Ammoniacal Nitrogen as N	236.5	mg/l	30/03/2017	N Cov	WAS055
Sulphate as SO4	4.9	mg/l	30/03/2017	N Cov	WAS036
Total Suspended Solids	34.0	mg/l	05/04/2017	N Cov	WAS006
COD (Total)	343	mg/l	04/04/2017	N Cov	WAS040
Sulphide as S	<0.020	mg/l	11/04/2017	N Cov	WAS033
Visible Oil	No	None	11/04/2017	N Cov	Visual Inspec
Methane, Dissolved	1.2	mg/l	04/04/2017	N Cov	62

Analyst Comments for 15985538:

{/*}Ammonia analysed by Colorimetry method.{*/}

This issue replaces all previous issues

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

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

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

Signed:

Name:

Date: **12 April 2017**

Title:

Inorganic Team Leader

ALS Environmental Ltd
Torrington Avenue
Coventry
CV4 9GU

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www.alsenvironmental.co.uk

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

24 April 2017

Test Report: COV/1378550/2017

Dear ██████████

Analysis of your sample(s) submitted on 05 April 2017 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: ██████████

Name: ██████████

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: **24 April 2017**

Report Number: **COV/1378550/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **05 April 2017**

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

Analysis Commenced: **06 April 2017**

Signed:

Name:

Date: **24 April 2017**

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.

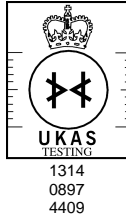
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested.

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/1378550/2017**

Issue **1**

Laboratory Number: **16001044**

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: **05 April 2017**

Analysis Complete: **24 April 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	11/04/2017	Y Cov	WAS049
Copper, Total as Cu	<0.009	mg/l	11/04/2017	Y Cov	WAS049
Zinc, Total as Zn	0.04	mg/l	11/04/2017	Y Cov	WAS049
pH	7.9	pH units	15/04/2017	Y Cov	WAS039
Ammoniacal Nitrogen as N	192.4	mg/l	07/04/2017	Y Cov	WAS055
Sulphate as SO4	15.3	mg/l	19/04/2017	N Cov	WAS036
Total Suspended Solids	10.0	mg/l	20/04/2017	N Cov	WAS006
COD (Total)	308	mg/l	18/04/2017	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	24/04/2017	N Cov	WAS033
Visible Oil	No	None	06/04/2017	N Cov	Visual Inspec
Methane, Dissolved	0.050	mg/l	12/04/2017	N Cov	62


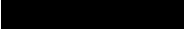
Analyst Comments for 16001044:

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 colorimetry method.{*/}

This issue replaces all previous issues

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

Analysed at: Cov = Coventry(CV4 9GU), Che = Chester(CH4 9EP), Ott = Otterbourne(SO21 2SW), S = Subcontracted, Trb = Subcontracted to Trowbridge(BA14 0XD), Wak = Wakefield(WF5 9TG). For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. The LOD for the Legionella analysis will increase where the volume analysed is <1000g (1g is approximately equivalent to 1ml for sample volume analysed).

Signed: 	Name: 	Date: 24 April 2017
	Title: Organic Team Leader	

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

04 May 2017

Test Report: COV/1382045/2017

Dear ██████████

Analysis of your sample(s) submitted on 19 April 2017 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: ██████████

Name: ██████████

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: **04 May 2017**

Report Number: **COV/1382045/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **19 April 2017**

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

Analysis Commenced: **20 April 2017**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **04 May 2017**

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.

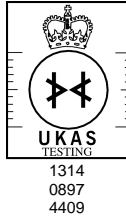
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested.

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Certificate of Analysis



Report Number: **COV/1382045/2017**

Issue **1**

Laboratory Number: **16026825**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Leachate**

Sample Matrix: **Land Leachate**

Sample Date/Time:

Sample Received: **19 April 2017**

Analysis Complete: **04 May 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	26/04/2017	Y Cov	WAS049
Copper, Total as Cu	<0.009	mg/l	26/04/2017	Y Cov	WAS049
Zinc, Total as Zn	0.02	mg/l	26/04/2017	Y Cov	WAS049
pH	7.3	pH units	25/04/2017	Y Cov	WAS039
Ammoniacal Nitrogen as N	265	mg/l	20/04/2017	Y Cov	WAS055
Sulphate, total as SO4 by I.C.	17.45	mg/l	28/04/2017	Y Cov	CON27
Total Suspended Solids	72.0	mg/l	03/05/2017	N Cov	WAS006
COD (Total)	325	mg/l	27/04/2017	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	28/04/2017	N Cov	WAS033
Visible Oil	No	None	20/04/2017	N Cov	Visual Inspec
Methane, Dissolved	3.9	mg/l	26/04/2017	N Cov	62

Analyst Comments for 16026825:

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

Sulphate analysed by ion chromatography due to interference with turbidmetric determination{(*)}

This issue replaces all previous issues

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

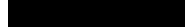
Analysed at: Cov = Coventry(CV4 9GU), Che = Chester(CH4 9EP), Ott = Otterbourne(SO21 2SW), S = Subcontracted, Trb = Subcontracted to Trowbridge(BA14 0XD), Wak = Wakefield(WF5 9TG).

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

Signed:



Name:



Date: **04 May 2017**

Title:

Organic Team Leader

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

10 May 2017

Test Report: COV/1384318/2017

Dear ██████████

Analysis of your sample(s) submitted on 26 April 2017 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: ██████████

Name: ██████████

Title: Organic Team Leader



Report Summary



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

Date of Issue: **10 May 2017**

Report Number: **COV/1384318/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **26 April 2017**

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

Analysis Commenced: **27 April 2017**

Signed:

Name:

Date: **10 May 2017**

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.

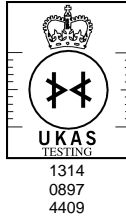
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Certificate of Analysis



Report Number: **COV/1384318/2017**

Issue **1**

Laboratory Number: **16044129**

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: **26 April 2017**

Analysis Complete: **10 May 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	05/05/2017	Y Cov	WAS049
Copper, Total as Cu	0.009	mg/l	05/05/2017	Y Cov	WAS049
Zinc, Total as Zn	0.04	mg/l	05/05/2017	Y Cov	WAS049
pH	7.7	pH units	03/05/2017	Y Cov	WAS039
Ammoniacal Nitrogen as N	146	mg/l	29/04/2017	Y Cov	WAS055
Sulphate as SO4	11.1	mg/l	30/04/2017	N Cov	WAS036
Total Suspended Solids	14.0	mg/l	09/05/2017	N Cov	WAS006
COD (Total)	299	mg/l	05/05/2017	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	04/05/2017	N Cov	WAS033
Visible Oil	No	None	27/04/2017	N Cov	Visual Inspect
Methane, Dissolved	0.017	mg/l	08/05/2017	N Cov	62


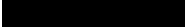
Analyst Comments for 16044129:

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{*/}

This issue replaces all previous issues

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

Analysed at: Cov = Coventry(CV4 9GU), Che = Chester(CH4 9EP), Ott = Otterbourne(SO21 2SW), S = Subcontracted, Trb = Subcontracted to Trowbridge(BA14 0XD), Wak = Wakefield(WF5 9TG). For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. The LOD for the Legionella analysis will increase where the volume analysed is <1000g (1g is approximately equivalent to 1ml for sample volume analysed).

Signed: 	Name: 	Date: 10 May 2017
	Title: Organic Team Leader	

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

16 May 2017

Test Report: COV/1386335/2017

Dear ██████████

Analysis of your sample(s) submitted on 03 May 2017 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: ██████████

Name: ██████████

Title: Inorganic Team Leader



Report Summary



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

Date of Issue: **16 May 2017**

Report Number: **COV/1386335/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

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

Job Received: **03 May 2017**

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

Analysis Commenced: **04 May 2017**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **16 May 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/1386335/2017**

Issue **1**

Laboratory Number: **16058367**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Sample 1**

Sample Matrix: **Not Specified**

Sample Date/Time:

Sample Received: **03 May 2017**

Analysis Complete: **16 May 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	12/05/2017	N Cov	WAS049
Copper, Total as Cu	0.010	mg/l	12/05/2017	N Cov	WAS049
Zinc, Total as Zn	0.04	mg/l	12/05/2017	N Cov	WAS049
pH	7.7	pH units	08/05/2017	N Cov	WAS039
Ammoniacal Nitrogen as N	143	mg/l	04/05/2017	N Cov	WAS055
Sulphate as SO4	10.5	mg/l	07/05/2017	N Cov	WAS036
Total Suspended Solids	6.00	mg/l	11/05/2017	N Cov	WAS006
COD (Total)	285	mg/l	09/05/2017	N Cov	WAS040
Sulphide as S	<0.020	mg/l	12/05/2017	N Cov	WAS033
Visible Oil	None	None	04/05/2017	N Cov	Visual Inspec
Methane, Dissolved	0.023	mg/l	11/05/2017	N Cov	62

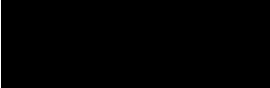

Analyst Comments for 16058367:

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{*/}

This issue replaces all previous issues

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

Analysed at: Cov = Coventry(CV4 9GU), Che = Chester(CH4 9EP), Ott = Otterbourne(SO21 2SW), S = Subcontracted, Trb = Subcontracted to Trowbridge(BA14 0XD), Wak = Wakefield(WF5 9TG). For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. The LOD for the Legionella analysis will increase where the volume analysed is <1000g (1g is approximately equivalent to 1ml for sample volume analysed).

Signed: 	Name: 	Date: 16 May 2017
	Title: Inorganic Team Leader	

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

24 May 2017

Test Report: COV/1388289/2017

Dear ██████████

Analysis of your sample(s) submitted on 10 May 2017 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: ██████████

Name: ██████████

Title: Organic Operations Manager



Report Summary



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

Date of Issue: **24 May 2017**

Report Number: **COV/1388289/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **10 May 2017**

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

Analysis Commenced: **10 May 2017**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **24 May 2017**

Title:

Organic Operations 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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Certificate of Analysis



Report Number: **COV/1388289/2017**

Issue **1**

Laboratory Number: **16072839**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Wheel Wash**

Sample Matrix: **Not Specified**

Sample Date/Time: **10 May 2017 11:45**

Sample Received: **10 May 2017**

Analysis Complete: **24 May 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	18/05/2017	N Cov	WAS049
Copper, Total as Cu	0.017	mg/l	18/05/2017	N Cov	WAS049
Zinc, Total as Zn	0.115	mg/l	18/05/2017	N Cov	WAS049
pH	7.8	pH units	11/05/2017	N Cov	WAS039
Ammoniacal Nitrogen as N	116	mg/l	10/05/2017	N Cov	WAS055
Sulphate as SO4	10.0	mg/l	11/05/2017	N Cov	WAS036
Total Suspended Solids	12.0	mg/l	15/05/2017	N Cov	WAS006
COD (Total)	328	mg/l	12/05/2017	N Cov	WAS040
Sulphide as S	<0.020	mg/l	19/05/2017	N Cov	WAS033
Visible Oil	No	None	24/05/2017	N Cov	Visual Inspec
Methane, Dissolved	<0.010	mg/l	16/05/2017	N Cov	62

Analyst Comments for 16072839:

{/*}Ammonia analysed by colorimetric method{*/}

This issue replaces all previous issues

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

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

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

Signed:

Name:

Date: **24 May 2017**

Title:

Organic Operations Manager

ALS Environmental Ltd

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

01 June 2017

Test Report: COV/1390505/2017

Dear ██████████

Analysis of your sample(s) submitted on 17 May 2017 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,

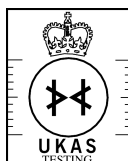
Signed: ██████████

Name: ██████████

Title: Inorganic Team Leader



Report Summary



1314
0897
4409



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

Date of Issue: **01 June 2017**

Report Number: **COV/1390505/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

Number of Samples
included in this report **3**

Job Received: **17 May 2017**

Number of Test Results
included in this report **33**

Analysis Commenced: **17 May 2017**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **01 June 2017**

Title:

Inorganic Team Leader

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

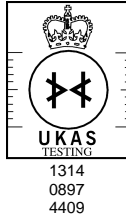
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested.

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

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Certificate of Analysis



Report Number: **COV/1390505/2017**

Issue **1**

Laboratory Number: **16090516**

Sample **1** of **3**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **PA**

Sample Matrix: **Land Leachate**

Sample Date/Time: **17 May 2017**

Sample Received: **17 May 2017**

Analysis Complete: **01 June 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	27/05/2017	Y Cov	WAS049
Copper, Total as Cu	<0.009	mg/l	27/05/2017	Y Cov	WAS049
Zinc, Total as Zn	<0.018	mg/l	27/05/2017	Y Cov	WAS049
pH	7.6	pH units	23/05/2017	Y Cov	WAS039
Ammoniacal Nitrogen as N	<0.41	mg/l	24/05/2017	Y Cov	WAS036
Sulphate as SO4	53.1	mg/l	18/05/2017	N Cov	WAS036
Total Suspended Solids	8.00	mg/l	31/05/2017	N Cov	WAS006
COD (Total)	37.0	mg/l	01/06/2017	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	25/05/2017	N Cov	WAS033
Visible Oil	No	None	17/05/2017	N Cov	Visual Inspec
Methane, Dissolved	0.010	mg/l	24/05/2017	N Cov	62


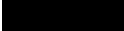
Analyst Comments for 16090516:

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 colorimetric method{(*)}

This issue replaces all previous issues

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

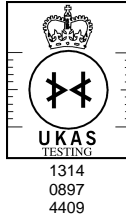
Analysed at: Cov = Coventry(CV4 9GU), Che = Chester(CH4 9EP), Ott = Otterbourne(SO21 2SW), S = Subcontracted, Trb = Subcontracted to Trowbridge(BA14 0XD), Wak = Wakefield(WF5 9TG). For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. The LOD for the Legionella analysis will increase where the volume analysed is <1000g (1g is approximately equivalent to 1ml for sample volume analysed).

Signed: 	Name: 	Date: 01 June 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

Certificate of Analysis



Report Number: **COV/1390505/2017**

Issue **1**

Laboratory Number: **16090517**

Sample **2** of **3**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **B**

Sample Matrix: **Land Leachate**

Sample Date/Time: **17 May 2017**

Sample Received: **17 May 2017**

Analysis Complete: **01 June 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	27/05/2017	Y Cov	WAS049
Copper, Total as Cu	<0.009	mg/l	27/05/2017	Y Cov	WAS049
Zinc, Total as Zn	<0.018	mg/l	27/05/2017	Y Cov	WAS049
pH	7.2	pH units	23/05/2017	Y Cov	WAS039
Ammoniacal Nitrogen as N	<0.41	mg/l	24/05/2017	Y Cov	WAS036
Sulphate as SO4	111	mg/l	21/05/2017	N Cov	WAS036
Total Suspended Solids	2.00	mg/l	31/05/2017	N Cov	WAS006
COD (Total)	22.0	mg/l	01/06/2017	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	25/05/2017	N Cov	WAS033
Visible Oil	No	None	17/05/2017	N Cov	Visual Inspec
Methane, Dissolved	<0.010	mg/l	24/05/2017	N Cov	62

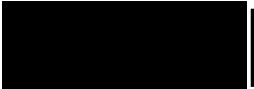

Analyst Comments for 16090517:

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 colorimetric method{(*)}

This issue replaces all previous issues

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

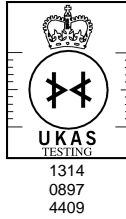
Analysed at: Cov = Coventry(CV4 9GU), Che = Chester(CH4 9EP), Ott = Otterbourne(SO21 2SW), S = Subcontracted, Trb = Subcontracted to Trowbridge(BA14 0XD), Wak = Wakefield(WF5 9TG). For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. The LOD for the Legionella analysis will increase where the volume analysed is <1000g (1g is approximately equivalent to 1ml for sample volume analysed).

Signed: 	Name: 	Date: 01 June 2017
	Title: Inorganic Team Leader	

ALS Environmental Ltd

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Certificate of Analysis



Report Number: **COV/1390505/2017**

Issue **1**

Laboratory Number: **16090518**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **WW**

Sample Matrix: **Land Leachate**

Sample Date/Time: **17 May 2017**

Sample Received: **17 May 2017**

Analysis Complete: **01 June 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	27/05/2017	Y Cov	WAS049
Copper, Total as Cu	0.010	mg/l	27/05/2017	Y Cov	WAS049
Zinc, Total as Zn	0.04	mg/l	27/05/2017	Y Cov	WAS049
pH	7.7	pH units	23/05/2017	Y Cov	WAS039
Ammoniacal Nitrogen as N	105	mg/l	24/05/2017	Y Cov	WAS055
Sulphate as SO4	10.6	mg/l	21/05/2017	N Cov	WAS036
Total Suspended Solids	38.0	mg/l	31/05/2017	N Cov	WAS006
COD (Total)	355	mg/l	01/06/2017	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	25/05/2017	N Cov	WAS033
Visible Oil	No	None	17/05/2017	N Cov	Visual Inspect
Methane, Dissolved	<0.010	mg/l	24/05/2017	N Cov	62


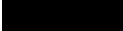
Analyst Comments for 16090518:

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{(*)}

This issue replaces all previous issues

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

Analysed at: Cov = Coventry(CV4 9GU), Che = Chester(CH4 9EP), Ott = Otterbourne(SO21 2SW), S = Subcontracted, Trb = Subcontracted to Trowbridge(BA14 0XD), Wak = Wakefield(WF5 9TG). For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. The LOD for the Legionella analysis will increase where the volume analysed is <1000g (1g is approximately equivalent to 1ml for sample volume analysed).

Signed: 	Name: 	Date: 01 June 2017
	Title: Inorganic Team Leader	

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

08 June 2017

Test Report: COV/1392724/2017

Dear ██████████

Analysis of your sample(s) submitted on 24 May 2017 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: ██████████

Name: ██████████

Title: Inorganics Operations Manager



Report Summary



1314
0897
4409



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

Date of Issue: **08 June 2017**

Report Number: **COV/1392724/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **24 May 2017**

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

Analysis Commenced: **24 May 2017**

Signed:

Name:

Date: **08 June 2017**

Title:

Inorganics Operations 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.

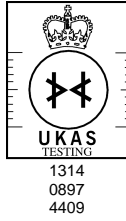
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested.

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

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Certificate of Analysis



Report Number: **COV/1392724/2017**

Issue **1**

Laboratory Number: **16107394**

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: **24 May 2017**

Analysis Complete: **08 June 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	01/06/2017	Y Cov	WAS049
Copper, Total as Cu	0.013	mg/l	01/06/2017	Y Cov	WAS049
Zinc, Total as Zn	0.04	mg/l	01/06/2017	Y Cov	WAS049
pH	7.6	pH units	03/06/2017	Y Cov	WAS039
Ammoniacal Nitrogen as N	67.5	mg/l	31/05/2017	Y Cov	WAS055
Sulphate as SO4	8.9	mg/l	25/05/2017	N Cov	WAS036
Total Suspended Solids	4.00	mg/l	07/06/2017	N Cov	WAS006
COD (Total)	305	mg/l	08/06/2017	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	02/06/2017	N Cov	WAS033
Visible Oil	No	None	24/05/2017	N Cov	Visual Inspec
Methane, Dissolved	<0.010	mg/l	30/05/2017	N Cov	62



Analyst Comments for 16107394:

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{*/}

This issue replaces all previous issues

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

Analysed at: Cov = Coventry(CV4 9GU), Che = Chester(CH4 9EP), Ott = Otterbourne(SO21 2SW), S = Subcontracted, Trb = Subcontracted to Trowbridge(BA14 0XD), Wak = Wakefield(WF5 9TG). For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. The LOD for the Legionella analysis will increase where the volume analysed is <1000g (1g is approximately equivalent to 1ml for sample volume analysed).

Signed: 	Name: 	Date: 08 June 2017
	Title: Inorganics Operations Manager	

ALS Environmental Ltd

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

20 June 2017

Test Report: COV/1397078/2017

Dear ██████████

Analysis of your sample(s) submitted on 07 June 2017 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: ██████████

Name: ██████████

Title: Inorganic Team Leader



Report Summary



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

Date of Issue: **20 June 2017**

Report Number: **COV/1397078/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **07 June 2017**

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

Analysis Commenced: **08 June 2017**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **20 June 2017**

Title:

Inorganic Team Leader

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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Certificate of Analysis



Report Number: **COV/1397078/2017**

Issue **1**

Laboratory Number: **16139838**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **1**

Sample Matrix: **Not Specified**

Sample Date/Time: **07 June 2017 10:25**

Sample Received: **07 June 2017**

Analysis Complete: **20 June 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	19/06/2017	N Cov	WAS049
Copper, Total as Cu	<0.009	mg/l	19/06/2017	N Cov	WAS049
Zinc, Total as Zn	0.03	mg/l	19/06/2017	N Cov	WAS049
pH	7.9	pH units	09/06/2017	N Cov	WAS039
Ammoniacal Nitrogen as N	146	mg/l	09/06/2017	N Cov	WAS055
Sulphate as SO4	<4.4	mg/l	11/06/2017	N Cov	WAS036
Total Suspended Solids	30.0	mg/l	13/06/2017	N Cov	WAS006
COD (Total)	313	mg/l	13/06/2017	N Cov	WAS040
Sulphide as S	0.111	mg/l	15/06/2017	N Cov	WAS033
Visible Oil	No	None	08/06/2017	N Cov	Visual Inspec
Methane, Dissolved	1.1	mg/l	12/06/2017	N Cov	62

Analyst Comments for 16139838:

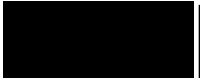

{/*}Ammonia analysed by colorimetric method{*/}

This issue replaces all previous issues

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

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

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

Signed:  Name:  Date: **20 June 2017**
Title: **Inorganic Team Leader**

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

05 July 2017

Test Report: COV/1400997/2017

Dear ██████████

Analysis of your sample(s) submitted on 21 June 2017 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,

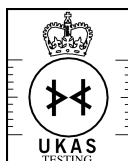
Signed: ██████████

Name: ██████████

Title: Inorganic Team Leader



Report Summary



1314
0897
4409



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

Date of Issue: **05 July 2017**

Report Number: **COV/1400997/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **21 June 2017**

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

Analysis Commenced: **22 June 2017**

Signed:

Name:

Date: **05 July 2017**

Title:

Inorganic Team Leader

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

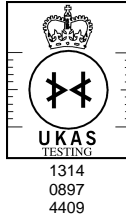
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Certificate of Analysis



Report Number: **COV/1400997/2017**

Issue **1**

Laboratory Number: **16167937**

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: **21 June 2017**

Analysis Complete: **05 July 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	04/07/2017	Y Cov	WAS049
Copper, Total as Cu	0.011	mg/l	04/07/2017	Y Cov	WAS049
Zinc, Total as Zn	0.05	mg/l	04/07/2017	Y Cov	WAS049
pH	8.2	pH units	26/06/2017	Y Cov	WAS039
Ammoniacal Nitrogen as N	121	mg/l	27/06/2017	Y Cov	WAS055
Sulphate as SO4	<4.4	mg/l	22/06/2017	N Cov	WAS036
Total Suspended Solids	56.0	mg/l	04/07/2017	N Cov	WAS006
COD (Total)	429	mg/l	05/07/2017	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	05/07/2017	N Cov	WAS033
Methane, Dissolved	0.014	mg/l	26/06/2017	N Cov	62

Analyst Comments for 16167937:

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{*/}

This issue replaces all previous issues

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

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

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

Signed: 

Name: 

Date: **05 July 2017**

Title: **Inorganic Team Leader**

ALS Environmental Ltd

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Telford & Wrekin Council
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Telford TF2 9FN
Shropshire

19 July 2017

Test Report: COV/1407752/2017

Dear ██████████

Analysis of your sample(s) submitted on 05 July 2017 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,

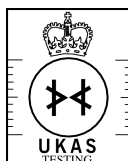
Signed: ██████████

Name: ██████████

Title: Inorganic Team Leader



Report Summary



1314
0897
4409



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

Date of Issue: **19 July 2017**

Report Number: **COV/1407752/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **05 July 2017**

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

Analysis Commenced: **07 July 2017**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **19 July 2017**

Title:

Inorganic Team Leader

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

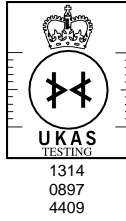
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested.

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

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Certificate of Analysis



Report Number: **COV/1407752/2017**

Issue **1**

Laboratory Number: **16210557**

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 July 2017**

Analysis Complete: **19 July 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	17/07/2017	Y Cov	WAS049
Copper, Total as Cu	<0.009	mg/l	17/07/2017	Y Cov	WAS049
Zinc, Total as Zn	0.04	mg/l	17/07/2017	Y Cov	WAS049
pH	7.6	pH units	08/07/2017	Y Cov	WAS039
Ammoniacal Nitrogen as N	260	mg/l	15/07/2017	Y Cov	WAS055
Sulphate as SO4	<4.4	mg/l	09/07/2017	N Cov	WAS036
Total Suspended Solids	60.0	mg/l	18/07/2017	N Cov	WAS006
COD (Total)	376	mg/l	19/07/2017	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	14/07/2017	N Cov	WAS033
Visible Oil	No	None	07/07/2017	N Cov	Visual Inspec
Methane, Dissolved	0.066	mg/l	12/07/2017	N Cov	62

Analyst Comments for 16210557:

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.

This issue replaces all previous issues

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

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

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

Signed:		Name:		Date:	19 July 2017
		Title:	Inorganic Team Leader		

ALS Environmental Ltd

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

10 August 2017

Test Report: COV/1416625/2017

Dear ██████████

Analysis of your sample(s) submitted on 26 July 2017 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: ██████████

Name: ██████████

Title: Inorganics Operations Manager



Report Summary



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

Date of Issue: **10 August 2017**

Report Number: **COV/1416625/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

Job Location: Telford And Wrekin Council

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

Job Received: **26 July 2017**

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

Analysis Commenced: **28 July 2017**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **10 August 2017**

Title: **Inorganics Operations 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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Certificate of Analysis



Report Number: **COV/1416625/2017**

Issue **1**

Laboratory Number: **16270321**

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 July 2017**

Analysis Complete: **09 August 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	05/08/2017	N Cov	WAS049
Copper, Total as Cu	0.011	mg/l	05/08/2017	N Cov	WAS049
Zinc, Total as Zn	0.05	mg/l	05/08/2017	N Cov	WAS049
pH	7.8	pH units	01/08/2017	N Cov	WAS039
Ammoniacal Nitrogen as N	83.4	mg/l	04/08/2017	N Cov	WAS055
Sulphate as SO4	17.8	mg/l	07/08/2017	N Cov	WAS036
Total Suspended Solids	96.0	mg/l	09/08/2017	N Cov	WAS006
COD (Total)	379	mg/l	09/08/2017	N Cov	WAS040
Sulphide as S	<0.020	mg/l	08/08/2017	N Cov	WAS033
Visible Oil	N	None	28/07/2017	N Cov	Visual Inspec

Analyst Comments for 16270321:

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 analysis.{*/}

This issue replaces all previous issues

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

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

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

Signed:

Name:

Date: **10 August 2017**

Title:

Inorganics Operations Manager

ALS Environmental Ltd

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

07 September 2017

Test Report: COV/1428289/2017

Dear ██████████

Analysis of your sample(s) submitted on 23 August 2017 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: ██████████

Name: ██████████

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: **07 September 2017**

Report Number: **COV/1428289/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

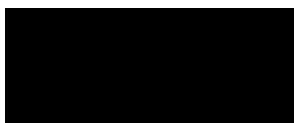
Number of Samples
included in this report **1**

Job Received: **23 August 2017**

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

Analysis Commenced: **24 August 2017**

Signed:



Name:



Date: **07 September 2017**

Title:

Organic Team Leader

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

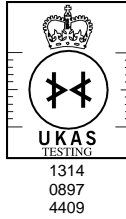
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Certificate of Analysis



Report Number: **COV/1428289/2017**

Issue **1**

Laboratory Number: **16347399**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **TWC**

Sample Matrix: **Land Leachate**

Sample Date/Time: **23 August 2017 11:00**

Sample Received: **23 August 2017**

Analysis Complete: **07 September 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	06/09/2017	Y Cov	WAS049
Copper, Total as Cu	0.025	mg/l	06/09/2017	Y Cov	WAS049
Zinc, Total as Zn	0.06	mg/l	06/09/2017	Y Cov	WAS049
pH	8.3	pH units	24/08/2017	Y Cov	WAS039
Ammoniacal Nitrogen as N	<0.41	mg/l	29/08/2017	Y Cov	WAS036
Sulphate as SO4	28.8	mg/l	30/08/2017	N Cov	WAS036
Total Suspended Solids	15.0	mg/l	30/08/2017	N Cov	WAS006
COD (Total)	238	mg/l	29/08/2017	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	31/08/2017	N Cov	WAS033
Visible Oil	N	None	24/08/2017	N Cov	Visual Inspec
Methane, Dissolved	<0.010	mg/l	29/08/2017	N Cov	62

Analyst Comments for 16347399:

No Analyst Comment

This issue replaces all previous issues

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

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

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

Signed:

Name:

Date: **07 September 2017**

Title:

Organic Team Leader

ALS Environmental Ltd

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

Page 2 of 2

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

02 October 2017

Test Report: COV/1437005/2017

Dear ██████████

Analysis of your sample(s) submitted on 13 September 2017 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: ██████████

Name: ██████████

Title: Organic Operations Manager



Report Summary



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

Date of Issue: **02 October 2017**

Report Number: **COV/1437005/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **13 September 2017**

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

Analysis Commenced: **13 September 2017**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **02 October 2017**

Title:

Organic Operations 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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Certificate of Analysis



Report Number: **COV/1437005/2017**

Issue **1**

Laboratory Number: **16406472**

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

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Sample**

Sample Matrix: **Not In Project**

Sample Date/Time: **13 September 2017**

Sample Received: **13 September 2017**

Analysis Complete: **27 September 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	22/09/2017	N Cov	WAS049
Copper, Total as Cu	0.018	mg/l	22/09/2017	N Cov	WAS049
Zinc, Total as Zn	0.08	mg/l	22/09/2017	N Cov	WAS049
pH	8.1	pH units	15/09/2017	N Cov	WAS039
Ammoniacal Nitrogen as N	270	mg/l	15/09/2017	N Cov	WAS055
Sulphate as SO4	12.3	mg/l	14/09/2017	N Cov	WAS036
Total Suspended Solids	14.0	mg/l	27/09/2017	N Cov	WAS006
COD (Total)	538	mg/l	19/09/2017	N Cov	WAS040
Sulphide as S	<0.020	mg/l	20/09/2017	N Cov	WAS033
Visible Oil	No	None	13/09/2017	N Cov	Visual Inspec
Methane, Dissolved	0.021	mg/l	14/09/2017	N Cov	62

Analyst Comments for 16406472:

This sample has been analysed for Total Suspended Solids outside recommended stability times. It is therefore possible that the results provided may be compromised. {/ *}Ammonia analysed by duplicate analysis.

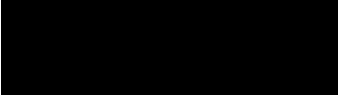
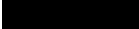
Ammonia analysed by colorimetric analysis. {*/}

This issue replaces all previous issues

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

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

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

Signed: 	Name: 	Date: 02 October 2017
	Title: Organic Operations Manager	

ALS Environmental Ltd

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

05 October 2017

Test Report: COV/1440333/2017

Dear ██████████

Analysis of your sample(s) submitted on 20 September 2017 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: ██████████

Name: ██████████

Title: Inorganic Team Leader



Report Summary



1314
0897
4409



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

Date of Issue: **05 October 2017**

Report Number: **COV/1440333/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **20 September 2017**

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

Analysis Commenced: **21 September 2017**

Signed:

Name:

Date: **05 October 2017**

Title:

Inorganic Team Leader

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

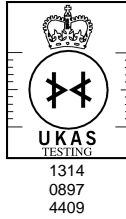
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested.

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

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Certificate of Analysis



Report Number: **COV/1440333/2017**

Issue **1**

Laboratory Number: **16426833**

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 September 2017**

Analysis Complete: **05 October 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	28/09/2017	Y Cov	WAS049
Copper, Total as Cu	0.017	mg/l	28/09/2017	Y Cov	WAS049
Zinc, Total as Zn	0.08	mg/l	28/09/2017	Y Cov	WAS049
pH	7.9	pH units	02/10/2017	Y Cov	WAS039
Ammoniacal Nitrogen as N	247	mg/l	21/09/2017	Y Cov	WAS055
Sulphate as SO4	12.9	mg/l	30/09/2017	N Cov	WAS036
Total Suspended Solids	11.0	mg/l	03/10/2017	N Cov	WAS006
COD (Total)	490	mg/l	04/10/2017	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	25/09/2017	N Cov	WAS033
Visible Oil	No	None	21/09/2017	N Cov	Visual Inspec
Methane, Dissolved	0.027	mg/l	22/09/2017	N Cov	62

Analyst Comments for 16426833:

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 analysis. The sample for Sulphide was received in a container inappropriate for this parameter. It is therefore possible that the results provided may be compromised.{*/}

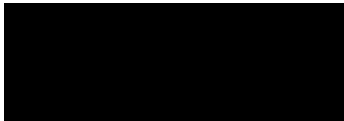
This issue replaces all previous issues

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

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

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

Signed:



Name:



Date: **05 October 2017**

Title: **Inorganic Team Leader**

ALS Environmental Ltd

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

12 October 2017

Test Report: COV/1443466/2017

Dear ██████████

Analysis of your sample(s) submitted on 27 September 2017 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,

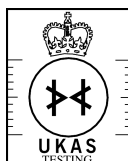
Signed: ██████████

Name: ██████████

Title: Inorganic Team Leader



Report Summary



1314
0897
4409



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

Date of Issue: **12 October 2017**

Report Number: **COV/1443466/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **27 September 2017**

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

Analysis Commenced: **28 September 2017**

Signed:

[Redacted Signature]

Name:

[Redacted Name]

Date: **12 October 2017**

Title:

Inorganic Team Leader

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

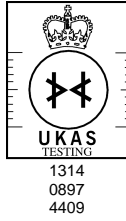
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested.

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

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No. 02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

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Certificate of Analysis



Report Number: **COV/1443466/2017**

Issue **1**

Laboratory Number: **16446905**

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: **27 September 2017**

Analysis Complete: **12 October 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	10/10/2017	Y Cov	WAS049
Copper, Total as Cu	0.015	mg/l	10/10/2017	Y Cov	WAS049
Zinc, Total as Zn	0.07	mg/l	10/10/2017	Y Cov	WAS049
pH	8.1	pH units	10/10/2017	Y Cov	WAS039
Ammoniacal Nitrogen as N	313	mg/l	30/09/2017	Y Cov	WAS055
Sulphate as SO4	11.3	mg/l	03/10/2017	N Cov	WAS036
Total Suspended Solids	12.0	mg/l	11/10/2017	N Cov	WAS006
COD (Total)	527	mg/l	11/10/2017	Y Cov	WAS040
Sulphide as S	<0.020	mg/l	03/10/2017	N Cov	WAS033
Visible Oil	No	None	28/09/2017	N Cov	Visual Inspec
Methane, Dissolved	0.035	mg/l	03/10/2017	N Cov	62

Analyst Comments for 16446905:


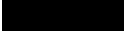
The date of sampling has not been provided and therefore sample stability times cannot be assessed. It is therefore possible that the results provided may be compromised. {/*}Ammonia analysed by colorimetric analysis.{*/}

This issue replaces all previous issues

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

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

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

Signed: 	Name: 	Date: 12 October 2017
	Title: Inorganic Team Leader	

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

19 October 2017

Test Report: COV/1446708/2017

Dear ██████████

Analysis of your sample(s) submitted on 04 October 2017 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: ██████████

Name: ██████████

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: **19 October 2017**

Report Number: **COV/1446708/2017**

Issue **1**

This issue replaces
all previous issues

Job Description: Stoney Hill 2016

Job Location: Stoney Hill

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

Job Received: **04 October 2017**

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

Analysis Commenced: **05 October 2017**

Signed:



Name:



Date: **19 October 2017**

Title:

Organic Team Leader

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

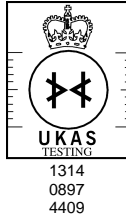
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested.

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

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Certificate of Analysis



Report Number: **COV/1446708/2017**

Issue **1**

Laboratory Number: **16468262**

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: **04 October 2017**

Analysis Complete: **19 October 2017**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Aluminium, Total as Al	<0.1	mg/l	17/10/2017	Y Cov	WAS049
Copper, Total as Cu	0.016	mg/l	17/10/2017	Y Cov	WAS049
Zinc, Total as Zn	0.08	mg/l	17/10/2017	Y Cov	WAS049
pH	8.1	pH units	16/10/2017	Y Cov	WAS039
Ammoniacal Nitrogen as N	282	mg/l	07/10/2017	Y Cov	WAS055
Sulphate as SO4	10.0	mg/l	10/10/2017	N Cov	WAS036
Total Suspended Solids	9.00	mg/l	18/10/2017	N Cov	WAS006
COD (Total)	504	mg/l	18/10/2017	Y Cov	WAS040
Sulphide as S	0.021	mg/l	12/10/2017	N Cov	WAS033
Visible Oil	No	None	05/10/2017	N Cov	Visual Inspec
Methane, Dissolved	<0.010	mg/l	16/10/2017	N Cov	62

Analyst Comments for 16468262:

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 analysis. The sample for Sulphide was received in a container inappropriate for this parameter. It is therefore possible that the results provided may be compromised.{*/}

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).

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

Signed:

Name:

Date: **19 October 2017**

Title:

Organic Team Leader

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