

Analytical Services
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██████████
Telford & Wrekin Council
Lawn Central
Darby House
Telford TF3 4JA
Shropshire

17 November 2011

Test Report: COV/816108/2011

Dear ██████████

Analysis of your sample(s) submitted on 26 October 2011 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 Severn Trent Services and we look forward to receiving your next samples.

Yours Sincerely,

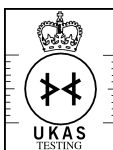
Signed: ██████████

Name: ██████████

Title: Chemistry Operations Manager



Report Summary



1314
1229
0897
4409



Telford & Wrekin Council
Lawn Central
Darby House
Telford
Shropshire
TF3 4JA

Date of Issue: **17 November 2011**

Report Number: **COV/816108/2011**

Issue **2**

Job Description: Stoneyhill Landfill Monitoring

Job Location: Stoneyhill Landfill Monitoring

Number of Samples
included in this report **12**

Job Received: **26 October 2011**

Number of Test Results
included in this report **126**

Analysis Commenced: **26 October 2011**

Signed:

Name:

Date: **17 November 2011**

Title:

Chemistry Operations Manager

Severn Trent Services 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



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Report Number: **COV/816108/2011**

Issue **2**

Laboratory Number: **12676276**

Sample **1** of **12**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Well 15**

Sample Matrix: **Ground waters**

Sample Date/Time: **26 October 2011 09:30**

Sample Received: **26 October 2011**

Analysis Complete: **17 November 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.110	mg/l	Y Cov	WAS049
Copper, Total as Cu	<0.001	mg/l	Y Cov	WAS049
Zinc, Total as Zn	5.21	mg/l	Y Cov	WAS049
pH	5.8	pH units	Y Cov	WAS039
Conductivity- Electrical 20C	3040	uS/cm	Y Cov	WAS039
Alkalinity as CaCO3	<2.2	mg/l	Y Cov	WAS025
Ammoniacal Nitrogen as N	2.63	mg/l	Y Cov	WAS036
Chloride as Cl	59.6	mg/l	Y Cov	WAS036
Nitrite as N	<0.006	mg/l	Y Cov	WAS036
Nitrate as N	<0.29	mg/l	Y Cov	WAS036
Sulphate as SO4	2390	mg/l	Y Cov	WAS036
Suspended Solids	158	mg/l	Y Cov	WAS006
BOD + ATU (5 day)	25	mg/l	Y Cov	WAS001
COD (1 hr settled)	169	mg/l	Y Cov	WAS040
Sulphide as S	0.040	mg/l	Y Cov	WAS033
Methane, Dissolved	0.055	mg/l	N Cov	62

Analyst Comments for 12676276:

This sample has been analysed for Ammoniacal Nitrogen as N, Nitrite as N, Nitrate as N, Aluminium, Total as Al, Copper, Total as Cu outside recommended stability times. It is therefore possible that the results provided may be compromised.

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

Analysed at: Brd = Bridgend, Cov = Coventry, Rea = Reading, Run = Runcorn, S = Subcontracted, Wak = Wakefield.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. Relating to Legionella volume analysed 1g is approximately equivalent to 1ml.
I/S=Insufficient sample

Signed:

Name:

Date: **17 November 2011**

Title:

Chemistry Operations Manager

Severn Trent Services

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Report Number: **COV/816108/2011**

Issue **2**

Laboratory Number: **12676277**

Sample **2** of **12**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Well 15 Filtered**

Sample Matrix: **Ground waters**

Sample Date/Time: **26 October 2011 09:30**

Sample Received: **26 October 2011**

Analysis Complete: **17 November 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.231	mg/l	Y Cov	WAS049
Copper, Total as Cu	<0.001	mg/l	Y Cov	WAS049
Zinc, Total as Zn	6.73	mg/l	Y Cov	WAS049
Ammoniacal Nitrogen as N	2.64	mg/l	Y Cov	WAS036
Sulphide as S	<0.029	mg/l	Y Cov	WAS033

Analyst Comments for 12676277:

This sample has been analysed for Ammoniacal Nitrogen as N, Aluminium, Total as Al, Copper, Total as Cu outside recommended stability times. It is therefore possible that the results provided may be compromised. Sample filtered through a 0.45um filter prior to analysis

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

Analysed at: Brd = Bridgend, Cov = Coventry, Rea = Reading, Run = Runcorn, S = Subcontracted, Wak = Wakefield.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. Relating to Legionella volume analysed 1g is approximately equivalent to 1ml.

I/S=Insufficient sample

Signed:

Name:

Date: **17 November 2011**

Title:

Chemistry Operations Manager

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Report Number: **COV/816108/2011**

Issue **2**

Laboratory Number: **12676278**

Sample **3** of **12**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Well 18**

Sample Matrix: **Ground waters**

Sample Date/Time: **26 October 2011 10:30**

Sample Received: **26 October 2011**

Analysis Complete: **17 November 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.754	mg/l	Y Cov	WAS049
Copper, Total as Cu	<0.001	mg/l	Y Cov	WAS049
Zinc, Total as Zn	0.701	mg/l	Y Cov	WAS049
pH	6.3	pH units	Y Cov	WAS039
Conductivity- Electrical 20C	18600	uS/cm	Y Cov	WAS039
Alkalinity as CaCO3	11000	mg/l	Y Cov	WAS025
Ammoniacal Nitrogen as N	33.7	mg/l	Y Cov	WAS036
Chloride as Cl	2020	mg/l	Y Cov	WAS036
Nitrite as N	<0.006	mg/l	Y Cov	WAS036
Nitrate as N	<0.29	mg/l	Y Cov	WAS036
Sulphate as SO4	227	mg/l	Y Cov	WAS036
Suspended Solids	314	mg/l	Y Cov	WAS006
BOD + ATU (5 day)	Analyst Comment	mg/l	Y Cov	WAS001
COD (1 hr settled)	46600	mg/l	Y Cov	WAS040
Sulphide as S	0.400	mg/l	Y Cov	WAS033
Methane, Dissolved	5.9	mg/l	N Cov	62

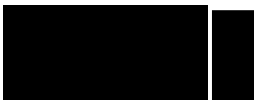

Analyst Comments for 12676278:

This sample has been analysed for Ammoniacal Nitrogen as N, Nitrite as N, Nitrate as N, Aluminium, Total as Al, Copper, Total as Cu outside recommended stability times. It is therefore possible that the results provided may be compromised. No BOD due to underdilution of sample, indications are that the expected result will be >2319 mg/l

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

Analysed at: Brd = Bridgend, Cov = Coventry, Rea = Reading, Run = Runcorn, S = Subcontracted, Wak = Wakefield.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. Relating to Legionella volume analysed 1g is approximately equivalent to 1ml.
I/S=Insufficient sample

Signed:  Name:  Date: **17 November 2011**
Title: **Chemistry Operations Manager**

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Report Number: **COV/816108/2011**

Issue **2**

Laboratory Number: **12676279**

Sample **4** of **12**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Well 18 Filtered**

Sample Matrix: **Ground waters**

Sample Date/Time: **26 October 2011 10:30**

Sample Received: **26 October 2011**

Analysis Complete: **17 November 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.654	mg/l	Y Cov	WAS049
Copper, Total as Cu	<0.001	mg/l	Y Cov	WAS049
Zinc, Total as Zn	0.458	mg/l	Y Cov	WAS049
Ammoniacal Nitrogen as N	49.0	mg/l	Y Cov	WAS036
Sulphide as S	0.520	mg/l	Y Cov	WAS033

Analyst Comments for 12676279:

This sample has been analysed for Ammoniacal Nitrogen as N, Aluminium, Total as Al, Copper, Total as Cu outside recommended stability times. It is therefore possible that the results provided may be compromised. Sample filtered through a 20-25um filter prior to analysis

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

Analysed at: Brd = Bridgend, Cov = Coventry, Rea = Reading, Run = Runcorn, S = Subcontracted, Wak = Wakefield.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. Relating to Legionella volume analysed 1g is approximately equivalent to 1ml.

I/S=Insufficient sample

Signed:

Name:

Date: **17 November 2011**

Title:

Chemistry Operations Manager

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Report Number: **COV/816108/2011**

Issue **2**

Laboratory Number: **12676280**

Sample **5** of **12**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Well 20**

Sample Matrix: **Ground waters**

Sample Date/Time: **26 October 2011 11:30**

Sample Received: **26 October 2011**

Analysis Complete: **17 November 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	1.81	mg/l	Y Cov	WAS049
Copper, Total as Cu	0.011	mg/l	Y Cov	WAS049
Zinc, Total as Zn	0.153	mg/l	Y Cov	WAS049
pH	7.4	pH units	Y Cov	WAS039
Conductivity- Electrical 20C	11800	uS/cm	Y Cov	WAS039
Alkalinity as CaCO3	5330	mg/l	Y Cov	WAS025
Ammoniacal Nitrogen as N	859	mg/l	Y Cov	WAS055
Chloride as Cl	1570	mg/l	Y Cov	WAS036
Nitrite as N	<0.006	mg/l	Y Cov	WAS036
Nitrate as N	<0.29	mg/l	Y Cov	WAS036
Sulphate, total as SO4 by I.C.	<5.00	mg/l	Y Cov	CON27
Suspended Solids	202	mg/l	Y Cov	WAS006
BOD + ATU (5 day)	287	mg/l	Y Cov	WAS001
COD (1 hr settled)	1460	mg/l	Y Cov	WAS040
Sulphide as S	0.060	mg/l	Y Cov	WAS033
Methane, Dissolved	9.9	mg/l	N Cov	62



Analyst Comments for 12676280:

This sample has been analysed for Nitrite as N, Nitrate as N, Aluminium, Total as Al, Copper, Total as Cu outside recommended stability times. It is therefore possible that the results provided may be compromised. Sulphate analysed by ion chromatography due to interference with turbidimetric determination

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

Analysed at: Brd = Bridgend, Cov = Coventry, Rea = Reading, Run = Runcorn, S = Subcontracted, Wak = Wakefield.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. Relating to Legionella volume analysed 1g is approximately equivalent to 1ml.
I/S=Insufficient sample

Signed: 	Name: 	Date: 17 November 2011
	Title: Chemistry Operations Manager	

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Report Number: **COV/816108/2011**

Issue **2**

Laboratory Number: **12676281**

Sample **6** of **12**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Well 20 Filtered**

Sample Matrix: **Ground waters**

Sample Date/Time: **26 October 2011 11:30**

Sample Received: **26 October 2011**

Analysis Complete: **17 November 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.131	mg/l	Y Cov	WAS049
Copper, Total as Cu	0.003	mg/l	Y Cov	WAS049
Zinc, Total as Zn	0.020	mg/l	Y Cov	WAS049
Ammoniacal Nitrogen as N	859	mg/l	Y Cov	WAS055
Sulphide as S	0.140	mg/l	Y Cov	WAS033

Analyst Comments for 12676281:

This sample has been analysed for Aluminium, Total as Al, Copper, Total as Cu outside recommended stability times. It is therefore possible that the results provided may be compromised. Sample filtered through a 20-25um filter prior to analysis

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

Analysed at: Brd = Bridgend, Cov = Coventry, Rea = Reading, Run = Runcorn, S = Subcontracted, Wak = Wakefield.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. Relating to Legionella volume analysed 1g is approximately equivalent to 1ml.

I/S=Insufficient sample

Signed:

Name:

Date: **17 November 2011**

Title:

Chemistry Operations Manager

Severn Trent Services

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Report Number: **COV/816108/2011**

Issue **2**

Laboratory Number: **12676282**

Sample **7** of **12**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **GEW 2**

Sample Matrix: **Ground waters**

Sample Date/Time: **26 October 2011 13:00**

Sample Received: **26 October 2011**

Analysis Complete: **17 November 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.353	mg/l	Y Cov	WAS049
Copper, Total as Cu	0.029	mg/l	Y Cov	WAS049
Zinc, Total as Zn	0.054	mg/l	Y Cov	WAS049
pH	7.1	pH units	Y Cov	WAS039
Conductivity- Electrical 20C	2890	uS/cm	Y Cov	WAS039
Alkalinity as CaCO3	1600	mg/l	Y Cov	WAS025
Ammoniacal Nitrogen as N	88.2	mg/l	Y Cov	WAS036
Chloride as Cl	263	mg/l	Y Cov	WAS036
Nitrite as N	<0.006	mg/l	Y Cov	WAS036
Nitrate as N	<0.29	mg/l	Y Cov	WAS036
Sulphate, total as SO4 by I.C.	<5.00	mg/l	Y Cov	CON27
Suspended Solids	58	mg/l	Y Cov	WAS006
BOD + ATU (5 day)	17	mg/l	Y Cov	WAS001
COD (1 hr settled)	204	mg/l	Y Cov	WAS040
Sulphide as S	<0.029	mg/l	Y Cov	WAS033
Methane, Dissolved	9.9	mg/l	N Cov	62



Analyst Comments for 12676282:

This sample has been analysed for Ammoniacal Nitrogen as N, Nitrite as N, Nitrate as N, Aluminium, Total as Al, Copper, Total as Cu outside recommended stability times. It is therefore possible that the results provided may be compromised. Sulphate analysed by ion chromatography due to interference with turbidimetric determination

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

Analysed at: Brd = Bridgend, Cov = Coventry, Rea = Reading, Run = Runcorn, S = Subcontracted, Wak = Wakefield.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. Relating to Legionella volume analysed 1g is approximately equivalent to 1ml. I/S=Insufficient sample

Signed: 	Name: 	Date: 17 November 2011
	Title: Chemistry Operations Manager	

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Report Number: **COV/816108/2011**

Issue **2**

Laboratory Number: **12676283**

Sample **8** of **12**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **GEW 2 Filtered**

Sample Matrix: **Ground waters**

Sample Date/Time: **26 October 2011 13:00**

Sample Received: **26 October 2011**

Analysis Complete: **17 November 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.048	mg/l	Y Cov	WAS049
Copper, Total as Cu	0.003	mg/l	Y Cov	WAS049
Zinc, Total as Zn	0.015	mg/l	Y Cov	WAS049
Ammoniacal Nitrogen as N	87.7	mg/l	Y Cov	WAS036
Sulphide as S	<0.029	mg/l	Y Cov	WAS033

Analyst Comments for 12676283:

This sample has been analysed for Ammoniacal Nitrogen as N, Aluminium, Total as Al, Copper, Total as Cu outside recommended stability times. It is therefore possible that the results provided may be compromised. Sample filtered through a 20-25um filter prior to analysis

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

Analysed at: Brd = Bridgend, Cov = Coventry, Rea = Reading, Run = Runcorn, S = Subcontracted, Wak = Wakefield.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. Relating to Legionella volume analysed 1g is approximately equivalent to 1ml.

I/S=Insufficient sample

Signed:

Name:

Date: **17 November 2011**

Title:

Chemistry Operations Manager

Severn Trent Services

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Report Number: **COV/816108/2011**

Issue **2**

Laboratory Number: **12676284**

Sample **9** of **12**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Well 9**

Sample Matrix: **Ground waters**

Sample Date/Time: **26 October 2011 14:00**

Sample Received: **26 October 2011**

Analysis Complete: **17 November 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.798	mg/l	Y Cov	WAS049
Copper, Total as Cu	0.012	mg/l	Y Cov	WAS049
Zinc, Total as Zn	0.056	mg/l	Y Cov	WAS049
pH	7.1	pH units	Y Cov	WAS039
Conductivity- Electrical 20C	7020	uS/cm	Y Cov	WAS039
Alkalinity as CaCO3	2400	mg/l	Y Cov	WAS025
Ammoniacal Nitrogen as N	316	mg/l	Y Cov	WAS055
Chloride as Cl	1310	mg/l	Y Cov	WAS036
Nitrite as N	<0.006	mg/l	Y Cov	WAS036
Nitrate as N	<0.29	mg/l	Y Cov	WAS036
Sulphate, total as SO4 by I.C.	<5.00	mg/l	Y Cov	CON27
Suspended Solids	168	mg/l	Y Cov	WAS006
BOD + ATU (5 day)	108	mg/l	Y Cov	WAS001
COD (1 hr settled)	705	mg/l	Y Cov	WAS040
Sulphide as S	<0.029	mg/l	Y Cov	WAS033
Methane, Dissolved	8.0	mg/l	N Cov	62



Analyst Comments for 12676284:

This sample has been analysed for Nitrite as N, Nitrate as N, Aluminium, Total as Al, Copper, Total as Cu outside recommended stability times. It is therefore possible that the results provided may be compromised. Sulphate analysed by ion chromatography due to interference with turbidimetric determination

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

Analysed at: Brd = Bridgend, Cov = Coventry, Rea = Reading, Run = Runcorn, S = Subcontracted, Wak = Wakefield.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. Relating to Legionella volume analysed 1g is approximately equivalent to 1ml.
I/S=Insufficient sample

Signed: 	Name: 	Date: 17 November 2011
	Title: Chemistry Operations Manager	

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Report Number: **COV/816108/2011**

Issue **2**

Laboratory Number: **12676285**

Sample **10** of **12**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Well 9 Filtered**

Sample Matrix: **Ground waters**

Sample Date/Time: **26 October 2011 14:00**

Sample Received: **26 October 2011**

Analysis Complete: **17 November 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.059	mg/l	Y Cov	WAS049
Copper, Total as Cu	0.001	mg/l	Y Cov	WAS049
Zinc, Total as Zn	0.012	mg/l	Y Cov	WAS049
Ammoniacal Nitrogen as N	865	mg/l	Y Cov	WAS055
Sulphide as S	0.070	mg/l	Y Cov	WAS033

Analyst Comments for 12676285:

This sample has been analysed for Aluminium, Total as Al, Copper, Total as Cu, Zinc, Total as Zn outside recommended stability times. It is therefore possible that the results provided may be compromised. Sample filtered through a 20-25um filter prior to analysis

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

Analysed at: Brd = Bridgend, Cov = Coventry, Rea = Reading, Run = Runcorn, S = Subcontracted, Wak = Wakefield.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. Relating to Legionella volume analysed 1g is approximately equivalent to 1ml.

I/S=Insufficient sample

Signed:

Name:

Date: **17 November 2011**

Title:

Chemistry Operations Manager

Severn Trent Services

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Report Number: **COV/816108/2011**

Issue **2**

Laboratory Number: **12676286**

Sample **11** of **12**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Well 23**

Sample Matrix: **Ground waters**

Sample Date/Time: **26 October 2011 14:45**

Sample Received: **26 October 2011**

Analysis Complete: **17 November 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	2.48	mg/l	Y Cov	WAS049
Copper, Total as Cu	0.022	mg/l	Y Cov	WAS049
Zinc, Total as Zn	0.127	mg/l	Y Cov	WAS049
pH	7.1	pH units	Y Cov	WAS039
Conductivity- Electrical 20C	8160	uS/cm	Y Cov	WAS039
Alkalinity as CaCO3	3420	mg/l	Y Cov	WAS025
Ammoniacal Nitrogen as N	457	mg/l	Y Cov	WAS055
Chloride as Cl	1200	mg/l	Y Cov	WAS036
Nitrite as N	<0.006	mg/l	Y Cov	WAS036
Nitrate as N	<0.29	mg/l	Y Cov	WAS036
Sulphate, total as SO4 by I.C.	<5.00	mg/l	Y Cov	CON27
Suspended Solids	332	mg/l	Y Cov	WAS006
BOD + ATU (5 day)	140	mg/l	Y Cov	WAS001
COD (1 hr settled)	830	mg/l	Y Cov	WAS040
Sulphide as S	0.120	mg/l	Y Cov	WAS033
Methane, Dissolved	8.4	mg/l	N Cov	62



Analyst Comments for 12676286:

This sample has been analysed for Nitrite as N, Nitrate as N, Aluminium, Total as Al, Copper, Total as Cu outside recommended stability times. It is therefore possible that the results provided may be compromised. Sulphate analysed by ion chromatography due to interference with turbidimetric determination

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

Analysed at: Brd = Bridgend, Cov = Coventry, Rea = Reading, Run = Runcorn, S = Subcontracted, Wak = Wakefield.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. Relating to Legionella volume analysed 1g is approximately equivalent to 1ml.
I/S=Insufficient sample

Signed:  Name:  Date: **17 November 2011**
Title: **Chemistry Operations Manager**

Severn Trent Services

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

Certificate of Analysis



1314
1229
0897
4409



Report Number: **COV/816108/2011**

Issue **2**

Laboratory Number: **12676287**

Sample **12** of **12**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Well 23 Filtered**

Sample Matrix: **Ground waters**

Sample Date/Time: **26 October 2011 14:45**

Sample Received: **26 October 2011**

Analysis Complete: **17 November 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.072	mg/l	Y Cov	WAS049
Copper, Total as Cu	<0.001	mg/l	Y Cov	WAS049
Zinc, Total as Zn	0.015	mg/l	Y Cov	WAS049
Ammoniacal Nitrogen as N	454	mg/l	Y Cov	WAS055
Sulphide as S	1.06	mg/l	Y Cov	WAS033

Analyst Comments for 12676287:

This sample has been analysed for Aluminium, Total as Al, Copper, Total as Cu outside recommended stability times. It is therefore possible that the results provided may be compromised. Sample filtered through a 20-25um filter prior to analysis

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

Analysed at: Brd = Bridgend, Cov = Coventry, Rea = Reading, Run = Runcorn, S = Subcontracted, Wak = Wakefield.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered. Relating to Legionella volume analysed 1g is approximately equivalent to 1ml.

I/S=Insufficient sample

Signed:

Name:

Date: **17 November 2011**

Title:

Chemistry Operations Manager

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