

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

12 September 2011

Test Report: BRD/801560/2011

Dear ██████████

Analysis of your sample(s) submitted on 24 August 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)16 5664 7557 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: Inorganics Operations Manager



Report Summary



1314
1229
0897
4409



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

Date of Issue: **12 September 2011**

Report Number: **BRD/801560/2011**

Issue **1**

Job Description: Stoneyhill Landfill Monitoring

Job Location: Stoneyhill Landfill Monitoring

Number of Samples
included in this report **14**

Job Received: **24 August 2011**

Number of Test Results
included in this report **147**

Analysis Commenced: **25 August 2011**

Signed

Name:

Date: **12 September 2011**

Title: **Inorganics 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: **BRD/801560/2011**

Issue **1**

Laboratory Number: **12563089**

Sample **1** of **14**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **GEW1**

Sample Matrix: **Waste waters**

Sample Date/Time: **24 August 2011 10:00**

Sample Received: **24 August 2011**

Analysis Complete: **12 September 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.172	mg/l	Y Cov	WAS049
Copper, Total as Cu	0.020	mg/l	Y Cov	WAS049
Zinc, Total as Zn	0.139	mg/l	Y Cov	WAS049
pH	7.9	pH units	Y Cov	WAS039
Conductivity- Electrical 20C	12400	uS/cm	Y Cov	WAS039
Alkalinity as CaCO3	4460	mg/l	Y Cov	WAS025
Ammoniacal Nitrogen as N	1010	mg/l	Y Cov	WAS055
Chloride as Cl	2480	mg/l	Y Cov	WAS036
Nitrite as N	<0.006	mg/l	Y Cov	WAS036
Nitrate as N	1.4	mg/l	Y Cov	WAS036
Sulphate as SO4	36.3	mg/l	Y Cov	WAS036
Suspended Solids	52.0	mg/l	Y Cov	WAS006
BOD + ATU (5 day)	44	mg/l	Y Cov	WAS001
COD (1 hr settled)	1630	mg/l	Y Cov	WAS040
Sulphide as S	0.25	mg/l	Y Cov	WAS033
Methane, Dissolved	9.0	mg/l	N Cov	62

Analyst Comments for 12563089:



No Analyst Comment

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: 12 September 2011
	Title: Inorganics Operations Manager	

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Report Number: **BRD/801560/2011**

Issue **1**

Laboratory Number: **12563090**

Sample **2** of **14**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Well 3**

Sample Matrix: **Waste waters**

Sample Date/Time: **24 August 2011 10:30**

Sample Received: **24 August 2011**

Analysis Complete: **12 September 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.408	mg/l	Y Cov	WAS049
Copper, Total as Cu	0.015	mg/l	Y Cov	WAS049
Zinc, Total as Zn	0.104	mg/l	Y Cov	WAS049
pH	7.6	pH units	Y Cov	WAS039
Conductivity- Electrical 20C	9460	uS/cm	Y Cov	WAS039
Alkalinity as CaCO3	4550	mg/l	Y Cov	WAS025
Ammoniacal Nitrogen as N	830	mg/l	Y Cov	WAS055
Chloride as Cl	1150	mg/l	Y Cov	WAS036
Nitrite as N	<0.006	mg/l	Y Cov	WAS036
Nitrate as N	0.52	mg/l	Y Cov	WAS036
Sulphate, total as SO4 by I.C.	8.44	mg/l	Y Cov	CON27
Suspended Solids	192	mg/l	Y Cov	WAS006
BOD + ATU (5 day)	43	mg/l	Y Cov	WAS001
COD (1 hr settled)	1430	mg/l	Y Cov	WAS040
Sulphide as S	0.47	mg/l	Y Cov	WAS033
Methane, Dissolved	11	mg/l	N Cov	62

Analyst Comments for 12563090:



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: 12 September 2011
	Title: Inorganics Operations Manager	

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Report Number: **BRD/801560/2011**

Issue **1**

Laboratory Number: **12563091**

Sample **3** of **14**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Well 9**

Sample Matrix: **Waste waters**

Sample Date/Time: **24 August 2011 11:00**

Sample Received: **24 August 2011**

Analysis Complete: **12 September 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.302	mg/l	Y Cov	WAS049
Copper, Total as Cu	0.025	mg/l	Y Cov	WAS049
Zinc, Total as Zn	0.097	mg/l	Y Cov	WAS049
pH	7.3	pH units	Y Cov	WAS039
Conductivity- Electrical 20C	6630	uS/cm	Y Cov	WAS039
Alkalinity as CaCO3	2120	mg/l	Y Cov	WAS025
Ammoniacal Nitrogen as N	326	mg/l	Y Cov	WAS055
Chloride as Cl	1310	mg/l	Y Cov	WAS036
Nitrite as N	0.016	mg/l	Y Cov	WAS036
Nitrate as N	<0.29	mg/l	Y Cov	WAS036
Sulphate as SO4	74.0	mg/l	Y Cov	WAS036
Suspended Solids	138	mg/l	Y Cov	WAS006
BOD + ATU (5 day)	33	mg/l	Y Cov	WAS001
COD (1 hr settled)	713	mg/l	Y Cov	WAS040
Sulphide as S	0.04	mg/l	Y Cov	WAS033
Methane, Dissolved	7.8	mg/l	N Cov	62

Analyst Comments for 12563091:



No Analyst Comment

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: 12 September 2011
	Title: Inorganics Operations Manager	

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Report Number: **BRD/801560/2011**

Issue **1**

Laboratory Number: **12563092**

Sample **4** of **14**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Well 13**

Sample Matrix: **Waste waters**

Sample Date/Time: **24 August 2011 11:30**

Sample Received: **24 August 2011**

Analysis Complete: **12 September 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.330	mg/l	Y Cov	WAS049
Copper, Total as Cu	0.011	mg/l	Y Cov	WAS049
Zinc, Total as Zn	0.110	mg/l	Y Cov	WAS049
pH	7.2	pH units	Y Cov	WAS039
Conductivity- Electrical 20C	6240	uS/cm	Y Cov	WAS039
Alkalinity as CaCO3	3120	mg/l	Y Cov	WAS025
Ammoniacal Nitrogen as N	421	mg/l	Y Cov	WAS055
Chloride as Cl	742	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.	5.16	mg/l	Y Cov	CON27
Suspended Solids	108	mg/l	Y Cov	WAS006
BOD + ATU (5 day)	36	mg/l	Y Cov	WAS001
COD (1 hr settled)	537	mg/l	Y Cov	WAS040
Sulphide as S	0.91	mg/l	Y Cov	WAS033
Methane, Dissolved	9.7	mg/l	N Cov	62

Analyst Comments for 12563092:



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: 12 September 2011
	Title: Inorganics Operations Manager	

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Report Number: **BRD/801560/2011**

Issue **1**

Laboratory Number: **12563093**

Sample **5** of **14**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Well 15**

Sample Matrix: **Waste waters**

Sample Date/Time: **24 August 2011 12:00**

Sample Received: **24 August 2011**

Analysis Complete: **12 September 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.058	mg/l	Y Cov	WAS049
Copper, Total as Cu	<0.001	mg/l	Y Cov	WAS049
Zinc, Total as Zn	5.99	mg/l	Y Cov	WAS049
pH	5.8	pH units	Y Cov	WAS039
Conductivity- Electrical 20C	2680	uS/cm	Y Cov	WAS039
Alkalinity as CaCO3	21.8	mg/l	Y Cov	WAS025
Ammoniacal Nitrogen as N	4.88	mg/l	Y Cov	WAS036
Chloride as Cl	62.4	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	2310	mg/l	Y Cov	WAS036
Suspended Solids	586	mg/l	Y Cov	WAS006
BOD + ATU (5 day)	26	mg/l	Y Cov	WAS001
COD (1 hr settled)	190	mg/l	Y Cov	WAS040
Sulphide as S	0.04	mg/l	Y Cov	WAS033
Methane, Dissolved	0.048	mg/l	N Cov	62

Analyst Comments for 12563093:



No Analyst Comment

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: 12 September 2011
	Title: Inorganics Operations Manager	

Severn Trent Services

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Report Number: **BRD/801560/2011**

Issue **1**

Laboratory Number: **12563094**

Sample **6** of **14**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Well 17**

Sample Matrix: **Waste waters**

Sample Date/Time: **24 August 2011 13:30**

Sample Received: **24 August 2011**

Analysis Complete: **12 September 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.112	mg/l	Y Cov	WAS049
Copper, Total as Cu	0.003	mg/l	Y Cov	WAS049
Zinc, Total as Zn	0.033	mg/l	Y Cov	WAS049
pH	6.9	pH units	Y Cov	WAS039
Conductivity- Electrical 20C	3260	uS/cm	Y Cov	WAS039
Alkalinity as CaCO3	1710	mg/l	Y Cov	WAS025
Ammoniacal Nitrogen as N	117	mg/l	Y Cov	WAS036
Chloride as Cl	481	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	113	mg/l	Y Cov	WAS036
Suspended Solids	880	mg/l	Y Cov	WAS006
BOD + ATU (5 day)	10	mg/l	Y Cov	WAS001
COD (1 hr settled)	261	mg/l	Y Cov	WAS040
Sulphide as S	0.19	mg/l	Y Cov	WAS033
Methane, Dissolved	14	mg/l	N Cov	62

Analyst Comments for 12563094:



No Analyst Comment

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: 12 September 2011
	Title: Inorganics Operations Manager	

Severn Trent Services

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Report Number: **BRD/801560/2011**

Issue **1**

Laboratory Number: **12563095**

Sample **7** of **14**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Well 18**

Sample Matrix: **Waste waters**

Sample Date/Time: **24 August 2011 14:00**

Sample Received: **24 August 2011**

Analysis Complete: **12 September 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.702	mg/l	Y Cov	WAS049
Copper, Total as Cu	<0.001	mg/l	Y Cov	WAS049
Zinc, Total as Zn	0.168	mg/l	Y Cov	WAS049
pH	6.1	pH units	Y Cov	WAS039
Conductivity- Electrical 20C	16900	uS/cm	Y Cov	WAS039
Alkalinity as CaCO3	11200	mg/l	Y Cov	WAS025
Ammoniacal Nitrogen as N	49.8	mg/l	Y Cov	WAS036
Chloride as Cl	1960	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	346	mg/l	Y Cov	WAS036
Suspended Solids	800	mg/l	Y Cov	WAS006
BOD + ATU (5 day)	Analyst Comment	mg/l	Y Cov	WAS001
COD (1 hr settled)	45800	mg/l	Y Cov	WAS040
Sulphide as S	0.39	mg/l	Y Cov	WAS033
Methane, Dissolved	11	mg/l	N Cov	62

Analyst Comments for 12563095:



No BOD result, due to underdilution of sample. Indications are that expected result will be greater than 4537 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: 12 September 2011
	Title: Inorganics Operations Manager	

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Report Number: **BRD/801560/2011**

Issue **1**

Laboratory Number: **12563096**

Sample **8** of **14**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **GEW 1 Filtered**

Sample Matrix: **Waste waters**

Sample Date/Time: **24 August 2011 10:00**

Sample Received: **24 August 2011**

Analysis Complete: **12 September 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.085	mg/l	Y Cov	WAS049
Copper, Total as Cu	0.017	mg/l	Y Cov	WAS049
Zinc, Total as Zn	0.049	mg/l	Y Cov	WAS049
Ammoniacal Nitrogen as N	1040	mg/l	Y Cov	WAS055
Sulphide as S	0.15	mg/l	Y Cov	WAS033

Analyst Comments for 12563096:

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: **12 September 2011**

Title:

Inorganics Operations Manager

Severn Trent Services

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Report Number: **BRD/801560/2011**

Issue **1**

Laboratory Number: **12563097**

Sample **9** of **14**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Well 3 Filtered**

Sample Matrix: **Waste waters**

Sample Date/Time: **24 August 2011 10:30**

Sample Received: **24 August 2011**

Analysis Complete: **12 September 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.166	mg/l	Y Cov	WAS049
Copper, Total as Cu	0.025	mg/l	Y Cov	WAS049
Zinc, Total as Zn	0.067	mg/l	Y Cov	WAS049
Ammoniacal Nitrogen as N	852	mg/l	Y Cov	WAS055
Sulphide as S	0.50	mg/l	Y Cov	WAS033

Analyst Comments for 12563097:

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: **12 September 2011**

Title:

Inorganics Operations Manager

Severn Trent Services

Analytical Services, 2 Technology Drive, Bridgend Science Park, Bridgend, CF31 3NA
Tel:+44 (0)16 5664 7557 Fax:+44 (0)16 5664 6526

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Report Number: **BRD/801560/2011**

Issue **1**

Laboratory Number: **12563098**

Sample **10** of **14**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Well 9 Filtered**

Sample Matrix: **Waste waters**

Sample Date/Time: **24 August 2011 11:00**

Sample Received: **24 August 2011**

Analysis Complete: **12 September 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.127	mg/l	Y Cov	WAS049
Copper, Total as Cu	0.042	mg/l	Y Cov	WAS049
Zinc, Total as Zn	0.085	mg/l	Y Cov	WAS049
Ammoniacal Nitrogen as N	324	mg/l	Y Cov	WAS055
Sulphide as S	0.03	mg/l	Y Cov	WAS033

Analyst Comments for 12563098:

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: **12 September 2011**

Title:

Inorganics Operations Manager

Severn Trent Services

Analytical Services, 2 Technology Drive, Bridgend Science Park, Bridgend, CF31 3NA
Tel:+44 (0)16 5664 7557 Fax:+44 (0)16 5664 6526

Certificate of Analysis



1314
1229
0897
4409



Report Number: **BRD/801560/2011**

Issue **1**

Laboratory Number: **12563099**

Sample **11** of **14**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Well 13 Filtered**

Sample Matrix: **Waste waters**

Sample Date/Time: **24 August 2011 11:30**

Sample Received: **24 August 2011**

Analysis Complete: **12 September 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.053	mg/l	Y Cov	WAS049
Copper, Total as Cu	0.007	mg/l	Y Cov	WAS049
Zinc, Total as Zn	0.020	mg/l	Y Cov	WAS049
Ammoniacal Nitrogen as N	425	mg/l	Y Cov	WAS055
Sulphide as S	0.57	mg/l	Y Cov	WAS033

Analyst Comments for 12563099:

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: **12 September 2011**

Title:

Inorganics Operations Manager

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Report Number: **BRD/801560/2011**

Issue **1**

Laboratory Number: **12563100**

Sample **12** of **14**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Well 15 Filtered**

Sample Matrix: **Waste waters**

Sample Date/Time: **24 August 2011 12:00**

Sample Received: **24 August 2011**

Analysis Complete: **12 September 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.032	mg/l	Y Cov	WAS049
Copper, Total as Cu	<0.001	mg/l	Y Cov	WAS049
Zinc, Total as Zn	7.06	mg/l	Y Cov	WAS049
Ammoniacal Nitrogen as N	4.45	mg/l	Y Cov	WAS036
Sulphide as S	<0.029	mg/l	Y Cov	WAS033

Analyst Comments for 12563100:

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: **12 September 2011**

Title:

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Report Number: **BRD/801560/2011**

Issue **1**

Laboratory Number: **12563101**

Sample **13** of **14**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Well 17 Filtered**

Sample Matrix: **Waste waters**

Sample Date/Time: **24 August 2011 13:30**

Sample Received: **24 August 2011**

Analysis Complete: **12 September 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.042	mg/l	Y Cov	WAS049
Copper, Total as Cu	0.002	mg/l	Y Cov	WAS049
Zinc, Total as Zn	0.013	mg/l	Y Cov	WAS049
Ammoniacal Nitrogen as N	116	mg/l	Y Cov	WAS036
Sulphide as S	0.10	mg/l	Y Cov	WAS033

Analyst Comments for 12563101:

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: **12 September 2011**

Title:

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Report Number: **BRD/801560/2011**

Issue **1**

Laboratory Number: **12563102**

Sample **14** of **14**

Sample Source: **Telford & Wrekin Council**

Sample Point Description:

Sample Description: **Well 18 Filtered**

Sample Matrix: **Waste waters**

Sample Date/Time: **24 August 2011 14:00**

Sample Received: **24 August 2011**

Analysis Complete: **12 September 2011**

Test Description	Result	Units	Accreditation	Method
Aluminium, Total as Al	0.507	mg/l	Y Cov	WAS049
Copper, Total as Cu	<0.001	mg/l	Y Cov	WAS049
Zinc, Total as Zn	0.091	mg/l	Y Cov	WAS049
Ammoniacal Nitrogen as N	46.5	mg/l	Y Cov	WAS036
Sulphide as S	0.30	mg/l	Y Cov	WAS033

Analyst Comments for 12563102:

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: **12 September 2011**

Title:

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