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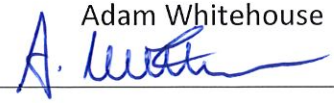
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Certificate of Analysis Number: 2238

Project/Site name:	Ferry Road	Samples Taken:	12-02-2018
Job Number:	-	Samples Received:	12-02-2018
Order Number:	-	Date Instructed:	13-02-2018
Quotation Number:	DS 1700612	Analysis Complete:	27-02-2018
Sample Matrix:	Ground Water	Report Issued:	27-02-2018
		Sampled By:	Client

Disposal Times:

All water samples will be retained for a period of two weeks and all soil samples retained for a period of one month following the date of the issued certificate.

Approved by: Adam Whitehouse
Signature: 
Title: Quality Manager



4303

Client: Cardiff City Council
FAO: Gareth Ffoulkes

CERTIFICATE OF ANALYSIS 2238

Results of analysis of 4 samples received
on the 12/02/2018

Report Date
27th February 2018

Code	Determinand	Units	*	Sample Identification			
Laboratory Sample Number:				130218011	130218012	130218013	130218014
Client Sample Reference:				B+M	Grangemoor	Dunleavy	Watkiss
Sample Date:				12/02/18	12/02/18	12/02/18	12/02/18
Sample Matrix:				Groundwater	Groundwater	Groundwater	Groundwater
INORG-L12	Ammonia	mg.l ⁻¹ as NH ₄	A	1.0	117	0.13	26
INORG-L13	Chloride	mg.l ⁻¹	A	-	17.8	23.2	24.6
METALS-L	Nickel	µg.l ⁻¹	A	-	5.8	5.8	10.7
1450	Cadmium	µg.l ⁻¹	S-N	-	<0.080	<0.080	<0.080
ORG-L17	Mecroprop	µg.l ⁻¹	A	-	<0.1	<0.1	<0.1
INORG-L12	Ammoniacal Nitrogen	mg.l ⁻¹ as N	A	0.78	90	0.10	20
ORG-L05	Xylene	µg.l ⁻¹	N	-	<1.0	<1.0	<1.0

* Accreditation Status

Tests marked 'A' hold UKAS accreditation

Tests marked 'N' do not hold UKAS accreditation

Tests marked 'S - A' were sub-contracted to an approved laboratory with accreditation on the specific method

Tests marked 'S - N' were sub-contracted to an approved laboratory without accreditation on the specific method

Any comments or interpretations are beyond the scope of UKAS accreditation



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CERTIFICATE OF ANALYSIS 2238
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Analytical Method	Method Code	Accreditation Status
Determination of Ammonia in waters by colorimetric photometer (In-house method)	INORG-L12	ISO 17025
Determination of Ammoniacal Nitrogen in waters by colorimetric photometer (In-house method)	INORG-L12	ISO 17025
Determination of Chloride by colorimetric photometer (In-house method)	INORG-L13	ISO 17025
Determination of metals (Cd,) in waters by ICP-MS (Sub- Contracted method)	1450	ISO 17025
Determination of metals (Ni) in waters by ICP-MS (In-house method)	METALS-L	ISO 17025
Determination of M & P Xylene in water by GC-MS (In-house method)	ORG-L05	None
Determination Mecroprop in water by GC-MS (In-house method)	ORG-L17	ISO 17025

All results only relate to the items tested.

This report supersedes any previous versions issued by the laboratory.

A full list of determinants relating to abbreviations such as PAHs, VOCs, SVOCs, PCBs etc. is available upon request.

Where results have been labelled as deviating for any reason, the data may not be representative of the sample at the point of sampling:

[I/S]: Insufficient Sample

[U/S]: Unsuitable Sample

[A]: Date of Sampling not supplied

[B]: Sample age exceeds recommended storage time

[C]: Samples not received in appropriate containers

[D]: Broken Container

< "Less Than"

> "Greater Than"

Where any sub-contracted results have been noted as deviating by the laboratory in question, their deviations codes will be applied and detailed.

Accreditation statements are correct at the time of issue.

This report shall not be reproduced in part without the approval of Decus Research Ltd, nor used in any way as to lead to misrepresentation of the results or their implications.

*****END OF REPORT*****

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