

Test Certificate

Client: Air Spectrum Environmental Ltd

Spectrum House, Checketts Lane Ind Est, Checketts Lane, Worcester, WR3 7JW

Site: ODR Toxicology samples received 21/4/16

Date Tested: 22/04/16

Date Reported: 4 May, 2016

Date Received: 21 April, 2016

Sample Type: Liquid

Certificate No: 16/1929/G/W/C1

File No: 16/1929/G/W

Client Ref: 13768

Lab sample ref:	C238284	C238285
Client sample ref:	ODR Natural	ODR Enhanced
Date sampled:	20/04/16	20/04/16
Sample matrix:	OW	OW

Determinand	Method	Units	LOD			
Deviation Assessment						
Deviation(s)	C. Review	N/A	N/A	N/A	N/A	N/A
Metals						
Arsenic (w)	AN47e	µg/l	0.25	See note 6	See note 6	
Cadmium (w)	AN47a	µg/l	0.05	See note 6	See note 6	
Chromium (w)	AN47a	µg/l	0.05	See note 6	See note 6	
Copper (w)	AN47b	µg/l	0.1	See note 6	See note 6	
Lead (w)	AN47a	µg/l	0.05	See note 6	See note 6	
Mercury (w)	AN47a	µg/l	0.05	See note 6	See note 6	
Nickel (w)	AN47b	µg/l	0.1	See note 6	See note 6	
Selenium (w)	AN47c	µg/l	1	See note 6	See note 6	
Zinc (w)	AN47g	µg/l	0.5	See note 6	See note 6	
Misc						
pH (w)	AN5b	Units	0.1	6.85	7.24	
Total Alkalinity as CaCO3	GWC 7	mg/l CaCO3	10	See note 6	See note 6	
Conductivity (w)	AN28a	µS/cm	10	217	375	
Chloride (w)	AN50b	mg/l	0.1	<5	34.2	
Sulphate (w)	AN50b	mg/l	0.1	8.2	48.6	
TON	AN50d	mg/l	0.2	0.61	5.60	
TOC (w)	TOC1a	mg/l	1	See note 6	See note 6	
Calcium (w)	AN10f	mg/l	0.3	See note 6	See note 6	
Magnesium (w)	AN10f	mg/l	0.3	See note 6	See note 6	
Manganese (w)	AN47b	µg/l	0.1	See note 6	See note 6	
Potassium (w)	AN10f	mg/l	0.3	See note 6	See note 6	
Sodium (w)	AN10f	mg/l	0.3	See note 6	See note 6	
Vanadium (w)	AN47b	µg/l	0.1	See note 6	See note 6	
Ammonium (w)	HACH9e	mg/l	100	788	<100	
Temperature	Probe	°C	0.1	18.6	18.5	
TPH (w)	AN34	mg/l	0.1	See note 6	See note 6	
SVOC 2014 Waters	SOP04d	µg/l	1	See note 6	See note 6	
VOC (w)	AN15	µg/l	5	See note 6	See note 6	

Notes

1. Tests marked * indicate subcontracted analyses.
2. The laboratory has tested the material/items supplied by the client as sampled in accordance with the client's own requirements.
3. Results reported for metals are 'dissolved' unless otherwise stated.
4. Dates of testing for all parameters are available upon request.
5. Sample description key: EW - Effluent Water; GW - Ground Water; LL - Landfill Leachate; OW - Other Water;
PL - Prepared Leachate; PrW - Process Water; PW - Potable Water; SW - Surface Water; WW - Waste Water.
6. Due to the nature of the samples and their matrix types, analysis was not possible.

Signed for, and on behalf of Exova (UK) Ltd.

Prepared by:

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Administrator

Approved by:

Julie McElery

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Laboratory Manager

The contents of this document are governed by the terms and conditions overleaf.

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