



Our Ref: SP/315/064

28th October 2019.

For the Attention of Steven White

Natural Resources Wales
Chester Road
Buckley
Flintshire
CH7 3AJ

Dear Mr White,

**Bagilt Landfill Site
Quarterly Environmental Monitoring Data Submission (July to September 2019)**

We write on behalf of the permit holder, in relation to the above site.

Please find enclosed the environmental monitoring data collected between July to September 2019.
The following is included in this submission:

Gas Monitoring Data
Groundwater Monitoring Data
Groundwater/Surface water analysis

If you need to discuss any matter in relation to the above then please do not hesitate to contact me.

Yours sincerely,
For VEOLIA ES LANDFILL

A handwritten signature in black ink, appearing to read 'S Pettinger'.

Steven Pettinger
Data Monitoring Technician
Encs – Monitoring data reports for July to September 2019

Veolia ES Landfill Ltd

Norwood Industrial Estate, Rotherham Road,
Killamarsh, Sheffield, Yorkshire, S21 2DR
Tel: +44 (0)20 3567 6420

www.veolia.co.uk

Registered Office:

210 Pentonville Road, London N1 9JY
Registered in England & Wales: 00997695

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Veolia UK Limited



BAGILT – Perimeter Gas and Gas Vent Monitoring Data



From : 06/08/2019

To : 06/08/2019

Sample Point	Date	Methane (%v/v)	Carbon Dioxide (%v/v)	Oxygen (%v/v)	Barometric Pressure (mbar)	Relative Pressure (mbar)
GMBH 01	06/08/2019	0	0.1	18.6	1004	0
GMBH 02	06/08/2019	0	0.1	18.7	1004	0
GMBH 03	06/08/2019	0	0.1	19.2	1005	0
GMBH 09	06/08/2019	0	0.5	18.7	1005	0
GMBH 10	06/08/2019	0	0.1	19.2	1005	0
GMBH 13	06/08/2019	0	0.1	18.6	1005	3.11
GMBH 14	06/08/2019	0	0.1	18.6	1006	0
GMBH Chamber	06/08/2019	0	0.1	19.3	1005	0
GMBH16	06/08/2019	0	0.1	19	1004	0
GMBH17	06/08/2019	0	0.1	19.4	1005	0

Sample Point	Date	Methane (%v/v)	Carbon Dioxide (%v/v)	Oxygen (%v/v)	Barometric Pressure (mbar)	Relative Pressure (mbar)
GV 1	06/08/2019	0	0.1	18.6	1005	0
GV15	06/08/2019	0	2.8	14.9	1005	0

From : 06/08/2019

To : 06/08/2019

06/08/2019

Sample Point	Dip to Water (m)	Water Level (mAOD)
1	1.91	3.28
10	4.16	4.23
13	1.66	3.62
9	7.66	0.92

Issued By:

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Sample Point	Ammoniacal Nitrogen	Chloride (mg/l)	E.C (us/cm)	pH (pH Units)	COD (mg/l)	Potassium (mg/l)	Sulphate (mg/l)
13	<0.2	955	3480	7.91	122	36.2	212
River Dee	0.372	14900	35300	7.83			

BH1, BH9 - Insufficient water to obtain sample

BH10 - Dry

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