



Our Ref: GP/315/054

28th April 2017.

For the Attention of Amanda Langstaff

Natural Resources Wales
Chester Road
Buckley
Flintshire
CH7 3AJ

Dear Ms Langstaff,

**The Environmental Permitting (England and Wales) Regulations 2010 – Bagilt Landfill Site
(WML 37102)
Quarterly Environmental Monitoring Data Submission (January to March 2017)**

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

Please find enclosed the environmental monitoring data collected between January and March 2017. The following is included in this submission:

Gas Monitoring Data:	16 th February 2017.
Groundwater Monitoring Data:	16 th February 2017.
Groundwater/Surface water analysis:	16 th February 2017.

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

Gavin Pattman
Data Monitoring Technician
Encs – Monitoring data reports for January to March 2017

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From : 16/02/2017

To : 16/02/2017

16/02/2017

Sample Point	Baro Press (mb)	CH4 (%vol)	CO2 (%vol)	O2 (%vol)	Rel Pressure (mb)
1	1028	0	0.2	16.9	-0.48
10	1028	0	0.1	17.8	-0.39
13	1029	0	0.2	17	-0.46
14	1027	0	0.2	17	-0.51
2	1028	0	0.2	16.9	-0.5
3	1028	0	0.2	17.3	-0.65
9	1027	0	0.2	17.8	-0.41
BH16	1028	0	0.2	17.1	-0.58
CHAMBER	1028	0	0.2	17.5	-0.72
GMBH17	1028	0	0.2	17.6	-0.36

Issued By:

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16/02/2017

Sample Point	Baro Press (mb)	CH4 (%vol)	CO2 (%vol)	O2 (%vol)	Rel Pressure (mb)
GV 1	1028	0	0.2	17.6	-0.48
GV 2	1028	0	0.2	17.6	-0.45
GV15	1028	0	1.3	16.1	-0.55

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From : 16/02/2017

To : 16/02/2017

16/02/2017

Sample Point	Dip to water (m)	Groundwater (m AOD)
1	1.19	4.00
10	4.16	4.23
13	1.85	3.43
9	8.31	0.27

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To : 16/02/2017

16/02/2017

Sample Point	Amml. N (mg/l)	Cadmium (UG/L)	Chloride (mg/l)	Chromium (mg/l)	COD (mg/l)
1	0.163	7.66	10700	<0.0012	510
13	0.0788	0.662	6250	<0.0012	640
River Dee	0.104	0.261	3310	<0.0012	88

Sample Point	Copper (mg/l)	E.C (µS/cm)	Iron (mg/l)	Lead (mg/l)	Nickel (mg/l)
1	0.0125	27200	<0.19	0.00339	0.0224
13	<0.00085	17200	<0.19	<0.0001	0.00469
River Dee	<0.00085	9150	<0.19	0.000211	0.00122

Sample Point	pH (Lab)	Phenol (UG/L)	Potassium (mg/l)	Sulphate (mg/l)	TDS (mg/l)
1	7.15	<0.5	198	1450	30100
13	7.81	<0.5	126	928	15100
River Dee	7.85	<0.5	76.1	490	7470

Sample Point	TPH >C6-C8 (UG/L)	Zinc (mg/l)
1	<10	1.03
13	<10	0.0261
River Dee	<10	0.0612

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