

## In-situ Analysis: PBA/4519

**Client:** Pam Brown Associates Ltd  
**Project:** Maelor Poultry Facility, Wrexham

15/03/16

Borehole	Gas Flow (l/hr)	Borehole Pressure (mb)	Methane (%vol)		Methane (%LEL)		Carbon Dioxide (%vol)		Oxygen (%vol)		Other Gases (ppm)		Water Level (Meters)	Install Depth (Meters)
			Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady	H <sub>2</sub> S	CO		
<b>BH 2A</b>	<0.1	0.02	<0.1	<0.1	<2	<2	2.8	2.8	16.9	16.9	<1	<1	5.886m	8.930m
<b>BH 3</b>	<0.1	0.03	<0.1	<0.1	<2	<2	0.2	0.2	19.8	19.8	<1	<1	Dry 9.667m	9.667m
<b>BH 4</b>	<0.1	0.01	<0.1	<0.1	<2	<2	2.7	2.7	15.1	15.1	<1	<1	4.754m	8.544m
Notes: Monitoring order is from left to right. Steady concentrations are measured up to 3 minutes.														

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Borehole	Water Level (Meters)	Borehole Depth (Meters)	Free Product (mm)
BH 2A	5.886m	8.930m	None Detected
BH 3	Dry 9.667m	9.667m	-
BH 4	4.754m	8.544m	None Detected

Additional Information	
Date Monitoring Undertaken:	15 <sup>th</sup> March 2016
Monitoring Undertaken By:	P Cosgrove
Equipment Used:	GA2000+ S/N 11567
Atmospheric Pressure Wrexham a.m. (mb):	1030mb*
Atmospheric Pressure On-site (mb):	1031mb
Atmospheric Pressure Wrexham p.m. (mb):	1033mb*
Weather During Visit:	Sunny, Dry, Wind NW, 1m/s, 10°C
Comments:	*Met Office Data

## In-situ Analysis: PBA/4526

**Client:** Pam Brown Associates Ltd  
**Project:** Maelor Poultry Facility, Wrexham

21/03/16

Borehole	Gas Flow (l/hr)	Borehole Pressure (mb)	Methane (%vol)		Methane (%LEL)		Carbon Dioxide (%vol)		Oxygen (%vol)		Other Gases (ppm)		Water Level (Meters)	Install Depth (Meters)
			Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady	H <sub>2</sub> S	CO		
<b>BH 2A</b>	<0.1	0.01	<0.1	<0.1	<2	<2	0.5	0.5	20.0	20.0	<1	<1	7.161m	8.812m
<b>BH 3</b>	<0.1	0.06	<0.1	<0.1	<2	<2	2.3	2.3	18.1	18.1	<1	<1	Dry 9.667m	9.667m
<b>BH 4</b>	<0.1	0.02	<0.1	<0.1	<2	<2	3.3	3.3	14.7	14.7	<1	<1	4.653m	8.441m
Notes: Monitoring order is from left to right. Steady concentrations are measured up to 3 minutes.														

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21/03/16

Borehole	Water Level (Meters)	Borehole Depth (Meters)	Free Product (mm)
BH 2A	7.161m	8.812m	None Detected
BH 3	Dry 9.667m	9.667m	-
BH 4	4.653m	8.441m	None Detected

Additional Information	
Date Monitoring Undertaken:	21 <sup>st</sup> March 2016
Monitoring Undertaken By:	P Cosgrove
Equipment Used:	GA2000+ S/N 11567
Atmospheric Pressure Wrexham a.m. (mb):	1023mb*
Atmospheric Pressure On-site (mb):	1024mb
Atmospheric Pressure Wrexham p.m. (mb):	1019mb*
Weather During Visit:	Overcast, Dry, Wind NW, 1m/s, 9°C
Comments:	*Met Office Data