Project: Brackla, Bridgend Job no: 2070648 Date: 20/06/2019 Visit 1

Time of start of visit: 09:00 Barometric pressure start of visit: 1009 mb
Time of end of visit: 11:30 Barometric pressure end of visit: 1009 mb

Barometric pressure trend - preceding 24 hrs: Steady

Dry

Remarks: Comments: Steady state value are taken when there is no change for 1

minute. All measurements taken from the current ground level.

Ground conditions: Dry

Monitoring Point		Methane (% vol) CH ₄	Carbon Dioxide (% vol) CO ₂	Hydrogen Sulphide (ppm) H ₂ S	Oxygen (% vol) O ₂	Carbon Monoxide (ppm) CO	Gas flow average (l/hr)	Borehole pressure (Pa)	Water depth (mbgl)	Base of pipe (mbgl)	Remarks
Ambient	Ambient		0.0	0	20.4	0					
Phase 2											
BH5	Peak	0.2	0.2	0	20.1	0	0.0	0.0	6.84	8.50	
БПО	Steady	0.2	0.3	0	13.4	0			0.04	0.50	
BH6	Peak	0.0	0.2	0	19.8	1	0.0	0.0	7.00	10.50	
БПО	Steady	0.0	0.2	0	17.5	0	0.0	0.0	7.00	10.30	
BH7	Peak	0.8	3.2	0	18.5	0	0.0	0.0	12.30	12.50	
DITI	Steady	0.8	3,2	0	13.4	0	0.0	0.0	12.30	12.30	
BH8	Peak	0.1	4.5	0	19.8	0	0.0	0.0	Dry	14.50	
БПО	Steady	0.1	4.5	0	14.8	0			Diy	14.50	
Phase 1											
DIM	Peak	2.5	2.2	0	3.6	1	0.0	0.0	8.96	11.76	No lid on cover
BH1	Steady	2.5	2.2	0	0.7	1					No lid on cover
BH2	Peak	0.0	0.5	0	20.4	0	0.0	0.0	11.75	15.50	No lid on cover
БПZ	Steady	0.0	0.5	0	20.1	0					No lid on cover
ВН3	Peak	0.0	0.1	0	20.7	2	0.0	0.0	15.75	16.00	No cover
внз	Steady	0.0	0.1	0	20.7	2					
	Peak	0.0	2.6	0	20.3	1	0.0	0.0			No lid on cover
BH4	Steady	0.0	2.6	0	17.5	0			5.45	5.50	

Project: Brackla, Bridgend Job no: 2070648 Date: 02/07/2019 Visit 2

Time of start of visit: 10:00 Barometric pressure start of visit: 10:01 mb
Time of end of visit: 11:30 Barometric pressure end of visit: 10:01 mb

Barometric pressure trend - preceding 24 hrs: Steady

Dry

Remarks: Comments: Steady state value are taken when there is no change for 1

minute. All measurements taken from the current ground level.

Ground conditions: Dry

Monitoring Point		Methane (% vol) CH ₄	Carbon Dioxide (% vol) CO ₂	Hydrogen Sulphide (ppm) H ₂ S	Oxygen (% vol) O ₂	Carbon Monoxide (ppm) CO	Gas flow average (I/hr)	Borehole pressure (Pa)	Water depth (mbgl)	Base of pipe (mbgl)	Remarks
Ambient		0.0	0.0	0	20.8	0					
Phase 2											
BH5	Peak	0.0	1.3	0	20.2	0	0.0	0.0	6.90	8.50	
БПО	Steady	0.0	1.3	0	12.2	0			0.30	0.30	
BH6	Peak	0.0	1.6	0	20.1	0	0.0	0.0	7.03	10.50	
BHO	Steady	0.0	1.6	0	18.4	0	0.0	0.0	7.03	10.00	
BH7	Peak	0.2	2.3	0	20.0	0	0.0	0.0	12.03	12.50	
ВП/	Steady	0.2	2.3	0	15.6	0	0.0	0.0	12.03	12.50	
BH8	Peak	0.0	2.0	0	18.9	0	0.0	0.0	Dry	14.50	
вно	Steady	0.0	2.0	0	18.5	0				14.50	
Phase 1	•										
5	Peak	2.6	2.9	>>125	16.1	12	0.0	0.0	0.00	11.76	
BH1	Steady	2.6	2.9	>>125	0.2	12			9.02		No lid on cover
5.1.0	Peak	0.0	0.1	0	20.4	0	0.0	0.0	12.42	15.50	No Ed on occur
BH2	Steady	0.0	0.1	0	20.4	0					No lid on cover
5.1.0	Peak	0.1	0.3	0	20.6	0	0.0	0.0	15.73	16.00	No cover
BH3	Steady	0.1	0.3	0	20.4	0					
	Peak	0.0	1.5	0	20.2	0	0.0	0.0		5.50	No lid on cover
BH4	Steady	0.0	1.5	0	19.6	0			5.48		

Project: Brackla, Bridgend Job no: 2070648 Date: 15/07/2019 Visit 3

Time of start of visit: 09:30 Barometric pressure start of visit: 1020 mb
Time of end of visit: 11:00 Barometric pressure end of visit: 1020 mb

Barometric pressure trend - preceding 24 hrs: Steady

Dry

Remarks: Comments: Steady state value are taken when there is no change for 1

minute. All measurements taken from the current ground level.

Ground conditions: Dry

Monitoring Point		Methane (% vol) CH ₄	Carbon Dioxide (% vol) CO ₂	Hydrogen Sulphide (ppm) H ₂ S	Oxygen (% vol) O ₂	Carbon Monoxide (ppm) CO	Gas flow average (l/hr)	Borehole pressure (Pa)	Water depth (mbgl)	Base of pipe (mbgl)	Remarks
Ambient		0.0	0.0	0	20.7	0					
Phase 2											
BH5	Peak	0.1	1.4	0	20.3	0	0.0	0.0	6.91	8.50	
BHO	Steady	0.1	1.4	0	17.1	0			0.51		
BH6	Peak	0.0	1.1	0	20.1	0	0.0	0.0	7.03	10.50	
BHO	Steady	0.0	1.1	0	19.3	0	0.0	0.0	7.00		
BH7	Peak	0.0	1.2	0	20.1	0	0.0	0.0	Dry	12.50	No lid on cover
DITI	Steady	0.0	1.2	0	18.3	0	0.0	0.0	Diy	12.30	
BH8	Peak	0.0	2.1	0	19.0	0	0.0	0.0	Dry	14.50	
БПО	Steady	0.0	2.1	0	18.4	0	0.0		Diy	14.50	
Phase 1											
BUIL	Peak	2.5	4.6	500 >>	7.5	13	0.0	0.0	0.04	11.76	No lid on cover,
BH1	Steady	1.8	4.6	500 >>	0.1	12			9.01		H ₂ S measured after 5min
PLIO	Peak	0.1	0.1	1	20.2	0	- 0.0	0.0	12.45	15.50	No lid on cover
BH2	Steady	0.0	0.1	0	19.9	0					
BUID	Peak	0.1	0.2	0	20.5	0	0.0	0.0	15.75	16.00	No cover
BH3	Steady	0.0	0.2	0	20.3	0					
5	Peak	0.0	2.1	0	20.3	0	0.0	0.0			No lid on cover
BH4	Steady	0.0	2.1	0	19.9	0			5.49	5.50	

Project: Brackla, Bridgend Job no: 2070648 Date: 26/07/2019 Visit 4

Time of start of visit: 08:00 Barometric pressure start of visit: 1006 mb
Time of end of visit: 09:30 Barometric pressure end of visit: 1006 mb

Barometric pressure trend - preceding 24 hrs: Falling

Dry

Remarks: Comments: Steady state value are taken when there is no change for 1

minute. All measurements taken from the current ground level.

Ground conditions: Dry

Monitoring Point		Methane (% vol) CH ₄	Carbon Dioxide (% vol) CO ₂	Hydrogen Sulphide (ppm) H ₂ S	Oxygen (% vol) O ₂	Carbon Monoxide (ppm) CO	Gas flow average (l/hr)	Borehole pressure (Pa)	Water depth (mbgl)	Base of pipe (mbgl)	Remarks
Ambient		0.0	0.0	0	20.8	0					
Phase 2											
BH5	Peak	0.1	1.4	0	20.2	0	0.0	0.0	6.86	8.50	
Brio	Steady	0.1	1.4	0	18.9	0			0.00	0.00	
BH6	Peak	0.0	1.2	0	20.2	0	0.0	0.0	7.06	10.50	
Billo	Steady	0.0	1.2	0	19.6	0	0.0	0.0	7.00		
BH7	Peak	5.4	6.3	0	10.0	3	0.0	0.0	Dry	12.50	No lid on cover
DITI	Steady	5.4	6.3	0	2.3	2	0.0	0.0	Diy	12.50	
BH8	Peak	0.0	3.6	0	19.4	0	0.0	0.0	Dry	14.50	
Dilo	Steady	0.0	3.6	0	16.3	0	0.0			14.50	
Phase 1											
BUM	Peak	0.9	6.0	335 >>	7.1	11	0.0	0.0	9.05	11.76	No lid on cover, H ₂ S measured
BH1	Steady	0.9	6.0	335 >>	0.1	9					after 5min
BH2	Peak	0.0	0.5	0	20.4	0	0.0	0.0	12.20	15.50	No lid on cover
DHZ	Steady	0.0	0.5	0	20.0	0			12.20		No lid on cover
BH3	Peak	0.0	0.1	0	20.6	0	0.0	0.0	15.79	16.00	No cover
внз	Steady	0.0	0.1	0	20.4	0					
	Peak	0.0	1.9	0	20.1	0	0.0	0.0	_		No lid on cover
BH4	Steady	0.0	1.9	0	19.6	0			Dry	5.50	
					-						-