

Ground Gas and Groundwater Monitoring Record Sheet

JOB DETAILS:

Client: Milvum Group
Site: 29 Inglewood Road
Date: 21/09/2023

Quote No:
Visit No: 1 of 3
Operator: Derek Rodriguez **Project Manager:** Jake Townsend



Monitoring Point	GAS CONCENTRATIONS												VOLATILES		FLOW DATA				WELL AND WATER DATA		Comments
	Methane (%v/v)		%LEL		Carbon dioxide (%v/v)		Carbon monoxide (ppmv)		Hydrogen sulphide (ppmv)		Oxygen (%v/v)		PID Peak (ppm)	Product thickness (mm)	Flow rate (l/hr)		Differential borehole Pressure (Pa)	Time for flow to equalise (secs)	Water level (mbgl)	Depth of well (m)	
	Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady	Min.	Steady			Peak	Steady					
BH1	ND	ND	ND	ND	4.6	4.6	ND	ND	1	1	17.1	17.1	0	0	-0.2	-0.2	-0.77	30	Dry	6.34	BH in good condition
Max	ND	ND	ND	ND	4.6	4.6	ND	ND	1	1	17.1	17.1	0	0	-0.2	-0.2	-1	30	DRY	6.34	
Min	ND	ND	ND	ND	4.6	4.6	ND	ND	1	1	17.1	17.1	0.0	0.0	-0.2	-0.2	-0.8	30	DRY	6.34	

ND - Not detected
 NR - Not recorded
 NA - Non applicable

METEOROLOGICAL AND SITE INFORMATION:

(Select correct box with X or enter data, as applicable)

State of ground: Dry Moist Wet Snow Frozen
 Wind: Calm Light Moderate Strong
 Cloud cover: None Slight Cloudy Overcast
 Precipitation: None Slight Moderate Heavy
 Time monitoring performed: 11:30 Start 11:57 End
 Barometric pressure (mbar): 1012 Start 1012 End
 Pressure trend (Daily): Falling Steady Rising
 Source: Met Office
 Air Temperature (Deg. C): 18 Before 18 After

INSTRUMENTATION TECHNICAL SPECIFICATIONS:

Ground gas meter: G500695
 Gas Range: **CH₄** 0 - 100% **CO₂** 0 - 100% **O₂** 0 - 25%
 Gas Flow range: +100/-50 l/hour
 Differential Pressure: (+/-) 1000 Pa
Date of last calibration: 18/04/2023
Date of next calibration: 18/10/2023

Ambient air check: **CH₄** **CO₂** **O₂**

Ground Gas and Groundwater Monitoring Record Sheet

JOB DETAILS:

Client: Milvum Group
Site: 29 Inglewood Road
Date: 29/09/2023

Quote No: 2 of 3
Visit No: 2 of 3
Operator: Will Milburn

Project Manager: Jake Townsend



Monitoring Point	GAS CONCENTRATIONS												VOLATILES		FLOW DATA			WELL AND WATER DATA		Comments	
	Methane (%v/v)		%LEL		Carbon dioxide (%v/v)		Carbon monoxide (ppmv)		Hydrogen sulphide (ppmv)		Oxygen (%v/v)		PID Peak (ppm)	Product thickness (mm)	Flow rate (l/hr)		Differential borehole Pressure (Pa)	Time for flow to equalise (secs)	Water level (mbgl)		Depth of well (m)
	Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady	Min.	Steady			Peak	Steady					
BH1	0.1	0.1	2	2	4.5	4.5	ND	ND	ND	ND	16.6	16.6	0.2	NR	0	0	-0.52	60	Dry	6.34	
Max	0.1	0.1	2.0	2.0	4.5	4.5	ND	ND	ND	ND	16.6	16.6	0.2	NR	0.0	0.0	-1	60	DRY	6.34	
Min	0.1	0.1	2.0	2.0	4.5	4.5	ND	ND	ND	ND	16.6	16.6	0.2	NR	0.0	0.0	-0.5	60	DRY	6.34	

ND - Not detected
 NR - Not recorded
 NA - Non applicable

METEOROLOGICAL AND SITE INFORMATION:

(Select correct box with X or enter data, as applicable)

State of ground: Dry Moist Wet Snow Frozen

Wind: Calm Light Moderate Strong

Cloud cover: None Slight Cloudy Overcast

Precipitation: None Slight Moderate Heavy

Time monitoring performed: 09:10 Start 09:30 End

Barometric pressure (mbar): 1012 Start 1012 End

Pressure trend (Daily): Falling Steady Rising

Source: Met Office

Air Temperature (Deg. C): 14 Before 15 After

INSTRUMENTATION TECHNICAL SPECIFICATIONS:

Ground gas meter: G505363
 Gas Range: **CH₄** 0 - 100% **CO₂** 0 - 100% **O₂** 0 - 25%
 Gas Flow range: +100/-50 l/hour
 Differential Pressure: (+/-) 1000 Pa
Date of last calibration: 05/09/2023
Date of next calibration: 05/03/2024

Ambient air check: **CH₄** **CO₂** **O₂**

Ground Gas and Groundwater Monitoring Record Sheet

JOB DETAILS:

Client: Milvum Group
Site: 29 Inglewood Road
Date: 06/10/2023

Quote No: 3 of 3
Visit No: 3 of 3
Operator: Daniel Beazer **Project Manager:** Jake Townsend



Monitoring Point	GAS CONCENTRATIONS												VOLATILES		FLOW DATA			WELL AND WATER DATA		Comments	
	Methane (%v/v)		%LEL		Carbon dioxide (%v/v)		Carbon monoxide (ppmv)		Hydrogen sulphide (ppmv)		Oxygen (%v/v)		PID Peak (ppm)	Product thickness (mm)	Flow rate (l/hr)		Differential borehole Pressure (Pa)	Time for flow to equalise (secs)	Water level (mbgl)		Depth of well (m)
	Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady	Min.	Steady			Peak	Steady					
BH1	ND	ND	ND	ND	4.1	4.1	ND	ND	ND	ND	16.6	16.6	1.5	NR	0	0	-1.03	5	Dry	6.34	
Max	ND	ND	ND	ND	4.1	4.1	ND	ND	ND	ND	16.6	16.6	1.5	NR	0.0	0.0	-1	5	DRY	6.34	
Min	ND	ND	ND	ND	4.1	4.1	ND	ND	ND	ND	16.6	16.6	1.5	NR	0.0	0.0	-1.0	5	DRY	6.34	

ND - Not detected
 NR - Not recorded
 NA - Non applicable

METEOROLOGICAL AND SITE INFORMATION:

(Select correct box with X or enter data, as applicable)

State of ground: Dry Moist Wet Snow Frozen

Wind: Calm Light Moderate Strong

Cloud cover: None Slight Cloudy Overcast

Precipitation: None Slight Moderate Heavy

Time monitoring performed: 08:30 Start 08:35 End

Barometric pressure (mbar): 1023 Start 1023 End

Pressure trend (Daily): Falling Steady Rising

Source: Met office

Air Temperature (Deg. C): 14 Before 14 After

INSTRUMENTATION TECHNICAL SPECIFICATIONS:

Ground gas meter: G500692

Gas Range: **CH₄** 0 - 100% **CO₂** 0 - 100% **O₂** 0 - 25%

Gas Flow range: +100/-50 l/hour

Differential Pressure: (+/-) 1000 Pa

Date of last calibration: 07/06/2023

Date of next calibration: 07/12/2023

Ambient air check: **CH₄** **CO₂** **O₂**