

GAS MONITORING RECORD SHEET

JOB DETAILS

Site: Ducie Street	Job No: A4210
Date: 13/08/2021	Engineer: OQ
Time:	Client:

METEOROLOGICAL & SITE INFORMATION

State of ground:	Dry ☒	Moist ☐	Wet ☐		
Wind:	Calm ☒	Light ☐	Moderate ☐	Strong	☐
Cloud cover:	None ☐	Slight ☒	Cloudy ☐	Overcast	☐
Precipitation:	None ☒	Slight ☐	Moderate ☐	Heavy	☐
Barometric pressure (mb): 1000		Local pressure system*:		Air temperature (°C):	

Well No.	Time (s)	Flow (l/hr)	CH ₄ (% vol. in air)	CO ₂ (% vol. in air)	O ₂ (% vol. in air)	PID (ppm)	Depth to GW (mbgl)	Total Depth (mbgl)	Comments
BH1	0	-0.1	0.1	0.1	20.9		N/A	15.30	H2S:0 CO:1
	15	-0.1	0.1	0.1	20.8				
	30	-0.2	0.1	0.1	20.8				
	45	-0.2	0.1	0.1	20.8				
	60	-0.2	0.1	0.1	20.8				
	120	-0.3	0.1	0.1	20.7				
	180	-0.3	0.1	0.1	20.7				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS1	0	-0.1	0.0	0.1	20.3		N/A	1.88	H2S:0 CO:1
	15	-0.1	0.0	1.8	19.4				
	30	-0.1	0.0	1.8	19.0				
	45	-0.1	0.0	1.9	19.0				
	60	-0.1	0.0	1.9	19.0				
	120	-0.1	0.0	1.9	19.0				
	180	-0.1	0.0	2.0	19.0				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS2	0	-0.2	0.0	0.2	20.3		2.30	4.80	H2S:0 CO:0
	15	-0.2	0.0	1.5	18.2				
	30	-0.2	0.0	1.5	18.0				
	45	-0.2	0.0	1.5	17.9				
	60	-0.2	0.0	1.5	17.9				
	120	-0.2	0.0	1.5	17.9				
	180	-0.2	0.0	1.5	17.8				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS4	0	0.0	0.0	0.2	19.8		3.90	4.95	H2S:0 CO:5
	15	0.0	0.0	1.5	19.1				
	30	0.0	0.0	1.5	19.1				
	45	0.0	0.0	1.5	19.2				
	60	0.0	0.0	1.5	19.1				
	120	0.0	0.0	1.5	19.0				
	180	0.0	0.0	1.5	19.0				
	240								
	300								
	360								
	420								

480								
540								
600								

BH3	0	-2.5	0.0	0.1	20.1		N/A	14.84	H2S:1 CO:1
	15	-2.5	0.0	1.1	18.5				
	30	-2.5	0.0	1.3	17.9				
	45	-2.5	0.0	1.4	17.6				
	60	-2.5	0.0	1.5	17.5				
	120	-2.5	0.0	1.5	17.5				
	180	-2.5	0.0	1.6	17.4				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

Notes: TOC = top of casing

The measurement of hydrogen sulphide and hydrocarbon free product is undertaken on a site specific basis, if deemed necessary.
* With reference to the Met Office rolling weather archive

	Flow (l/hr)	CH4	CO2	O2
MIN	-2.5	0.0	0.1	17.4
MAX	0.0	0.1	2.0	20.9
GSV		0	0	

GAS MONITORING RECORD SHEET

JOB DETAILS

Site: Ducie Street	Job No: A4210
Date: 18/08/2021	Engineer: OQ
Time:	Client:

METEOROLOGICAL & SITE INFORMATION

State of ground:	Dry	Moist	Wet <input checked="" type="text"/>
Wind:	Calm <input checked="" type="text"/>	Light	Moderate Strong
Cloud cover:	None	Slight	Cloudy Overcast <input checked="" type="text"/>
Precipitation:	None	Slight <input checked="" type="text"/>	Moderate Heavy
Barometric pressure (mb): 1000		Local pressure system*:	Air temperature (°C):

Well No.	Time (s)	Flow (l/hr)	CH ₄ (% vol. in air)	CO ₂ (% vol. in air)	O ₂ (% vol. in air)	PID (ppm)	Depth to GW (mbgl)	Total Depth (mbgl)	Comments
BH1	0	0.2	0.1	0.1	21.0		N/A	15.35	H2S:0 CO:0
	15	0.1	0.1	0.2	20.9				
	30	0.1	0.1	0.2	20.9				
	45	0.0	0.1	0.2	20.9				
	60	0.0	0.1	0.2	20.9				
	120	0.0	0.1	0.2	20.8				
	180	0.0	0.1	0.2	20.8				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS1	0	0.0	0.1	0.1	21.0		N/A	1.90	H2S:0 CO:4
	15	0.0	0.1	1.2	19.5				
	30	-0.1	0.1	1.8	19.0				
	45	-0.1	0.1	1.9	19.0				
	60	-0.1	0.1	1.9	18.9				
	120	-0.1	0.1	1.9	18.9				
	180	-0.1	0.1	1.9	18.9				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS2	0	-0.1	0.1	0.1	21.2		2.15	4.90	H2S:0 CO:1
	15	-0.1	0.1	2.1	19.7				
	30	-0.1	0.1	2.2	18.4				
	45	-0.1	0.1	2.2	18.1				
	60	-0.1	0.1	2.2	18.0				
	120	-0.1	0.1	2.2	18.0				
	180	-0.1	0.1	2.2	17.9				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS4	0	-0.1	0.1	0.2	21.3		3.45	5.00	H2S:0 CO:0
	15	-0.1	0.1	2.0	19.8				
	30	-0.1	0.1	2.1	19.1				
	45	-0.1	0.1	2.1	19.0				
	60	-0.1	0.1	2.1	19.0				
	120	-0.1	0.1	2.1	19.0				
	180	-0.1	0.1	2.1	19.0				
	240								
	300								
	360								
	420								

480								
540								
600								

BH3	0	0.0	0.1	0.1	21.5		N/A	15.00	H2S:0 CO:0
	15	-0.1	0.1	0.2	20.9				
	30	-0.1	0.1	0.2	21.2				
	45	-0.1	0.1	0.1	21.3				
	60	-0.1	0.1	0.2	21.3				
	120	-0.1	0.1	0.1	21.3				
	180	-0.1	0.1	0.1	21.3				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

Notes: TOC = top of casing

The measurement of hydrogen sulphide and hydrocarbon free product is undertaken on a site specific basis, if deemed necessary.
 * With reference to the Met Office rolling weather archive

	Flow (l/hr)	CH4	CO2	O2
MIN	-0.1	0.1	0.1	17.9
MAX	0.2	0.1	2.2	21.5
GSV		0.0002	0.0044	

GAS MONITORING RECORD SHEET

JOB DETAILS

Site: Ducie Street	Job No: A4210
Date: 27/08/2021	Engineer: Oliver Quinn
Time:	Client:

METEOROLOGICAL & SITE INFORMATION

State of ground:	Dry ☒	Moist ☐	Wet ☐	
Wind:	Calm ☒	Light ☐	Moderate ☐	Strong ☐
Cloud cover:	None ☐	Slight ☒	Cloudy ☐	Overcast ☐
Precipitation:	None ☒	Slight ☐	Moderate ☐	Heavy ☐
Barometric pressure (mb): 1000		Local pressure system*:		Air temperature (°C):

Well No.	Time (s)	Flow (l/hr)	CH ₄ (% vol. in air)	CO ₂ (% vol. in air)	O ₂ (% vol. in air)	PID (ppm)	Depth to GW (mbgl)	Total Depth (mbgl)	Comments
BH1	0	0.7	0.1	0.1	21.2		N?A	15.30	H2S:0 CO:0
	15	0.6	0.1	0.3	20.9				Relative:-0.15mb
	30	0.6	0.1	0.4	20.8				
	45	0.6	0.1	0.4	20.8				
	60	0.6	0.1	0.5	20.7				
	120	0.6	0.1	0.6	20.6				
	180	0.6	0.1	0.6	20.6				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS1	0	0.6	0.1	0.1	20.9		N?A	1.80	H2S:0 CO:0
	15	0.5	0.1	0.8	20.2				Relative:-0.02mb
	30	0.5	0.1	0.8	20.0				
	45	0.5	0.1	0.9	19.8				
	60	0.5	0.1	0.9	19.7				
	120	0.5	0.1	1.6	18.9				
	180	0.5	0.1	1.9	18.6				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS2	0	0.4	0.1	1.2	18.9		2.30	5.00	H2S:0 CO:0
	15	0.4	0.1	1.2	18.9				Relative:-0.09mb
	30	0.4	0.1	1.3	18.8				
	45	0.4	0.1	1.4	18.7				
	60	0.4	0.1	1.4	18.6				
	120	0.3	0.1	1.8	18.6				
	180	0.3	0.1	1.7	18.4				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS4	0	0.2	0.1	0.2	20.6		3.50	5.00	H2S:0 CO:0
	15	0.2	0.1	2.3	18.5				Relative:0.24mb
	30	0.2	0.1	2.3	18.3				
	45	0.2	0.1	2.3	18.2				
	60	0.2	0.1	2.3	18.2				
	120	0.2	0.1	2.3	18.2				
	180	0.2	0.1	2.3	18.3				
	240								
	300								
	360								
	420								

480								
540								
600								

BH3	0	0.1	0.1	0.2	21.0		Water at Base	15.00	H2S:0 CO:0
	15	0.0	0.1	0.8	20.2				Relative:-0.40
	30	-0.1	0.1	0.8	20.0				
	45	-0.1	0.1	0.8	20.0				
	60	-0.1	0.1	0.8	20.0				
	120	-0.1	0.1	0.8	19.9				
	180	-0.1	0.1	0.8	19.9				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

Notes: TOC = top of casing

The measurement of hydrogen sulphide and hydrocarbon free product is undertaken on a site specific basis, if deemed necessary.
 * With reference to the Met Office rolling weather archive

	Flow (l/hr)	CH4	CO2	O2
MIN	-0.1	0.1	0.1	18.2
MAX	0.7	0.1	2.3	21.2
GSV		0.0007	0.0161	

GAS MONITORING RECORD SHEET

JOB DETAILS

Site: Ducie Street	Job No: A4210
Date: 31/08/2021	Engineer: OQ
Time:	Client:

METEOROLOGICAL & SITE INFORMATION

State of ground:	Dry ☒	Moist ☐	Wet ☐	
Wind:	Calm ☒	Light ☐	Moderate ☐	Strong ☐
Cloud cover:	None ☐	Slight ☒	Cloudy ☐	Overcast ☐
Precipitation:	None ☒	Slight ☐	Moderate ☐	Heavy ☐
Barometric pressure (mb): 1000		Local pressure system*:		Air temperature (°C):

Well No.	Time (s)	Flow (l/hr)	CH ₄ (% vol. in air)	CO ₂ (% vol. in air)	O ₂ (% vol. in air)	PID (ppm)	Depth to GW (mbgl)	Total Depth (mbgl)	Comments
BH1	0	0.3	0.1	0.1	21.1		N/A	15.40	H2S:0 CO:0
	15	0.1	0.1	0.1	21.0				Relative:-0.60mb
	30	0.0	0.1	0.2	21.0				
	45	-0.2	0.1	0.2	20.9				
	60	-0.2	0.1	0.2	20.9				
	120	-0.2	0.1	0.3	20.9				
	180	-0.3	0.1	0.3	20.9				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS1	0	0.3	0.1	0.1	21.1		N/A	1.85	H2S:0 CO:0
	15	0.3	0.1	0.1	21.0				Relative:0.12mb
	30	0.3	0.1	0.2	20.9				
	45	0.3	0.1	0.2	20.9				
	60	0.3	0.1	0.2	20.9				
	120	0.2	0.1	0.2	20.8				
	180	0.1	0.1	0.2	20.8				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS2	0	0.2	0.1	0.1	21.2		2.30	4.85	H2S:0 CO:0
	15	0.2	0.1	1.0	20.6				Relative:0.26mb
	30	0.2	0.1	1.1	19.9				
	45	0.2	0.1	1.7	19.4				
	60	0.2	0.1	1.5	19.4				
	120	0.2	0.1	2.7	18.5				
	180	0.2	0.1	2.8	18.4				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS4	0	0.2	0.1	0.1	21.3		1.95	5.00	H2S:0 CO:0
	15	0.2	0.1	2.1	20.1				Relative:0.28mb
	30	0.2	0.1	2.2	19.6				
	45	0.2	0.1	2.2	19.5				
	60	0.2	0.1	2.2	19.5				
	120	0.2	0.1	2.2	19.5				
	180	0.2	0.1	2.2	19.5				
	240								
	300								
	360								
	420								

480								
540								
600								

BH3	0	0.0	0.1	0.1	21.5		Wet at Base	15.15	H2S:0 CO:0
	15	-0.2	0.1	0.2	21.2				Relative:-0.31mb
	30	-0.3	0.1	0.3	21.1				
	45	-0.4	0.1	0.3	21.1				
	60	-0.5	0.1	0.3	21.1				
	120	-0.7	0.1	0.3	21.1				
	180	-0.7	0.1	0.3	21.1				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

Notes: TOC = top of casing

The measurement of hydrogen sulphide and hydrocarbon free product is undertaken on a site specific basis, if deemed necessary.
 * With reference to the Met Office rolling weather archive

	Flow (l/hr)	CH4	CO2	O2
MIN	-0.7	0.1	0.1	18.4
MAX	0.3	0.1	2.8	21.5
GSV		0.0003	0.0084	