

GAS MONITORING RECORD SHEET

JOB DETAILS

Site:	Moorgate Farm East, Rochdale	Job No:	A5635
Date:	13/10/23	Engineer:	MS
Time:		Client:	Morris Construction

METEOROLOGICAL & SITE INFORMATION

State of ground:	Dry		Moist	<input checked="" type="text" value="X"/>	Wet	
Wind:	Calm		Light	<input checked="" type="text" value="X"/>	Moderate	
Cloud cover:	None		Slight		Cloudy	<input checked="" type="text" value="X"/>
Precipitation:	None		Slight		Moderate	<input checked="" type="text" value="X"/>
Barometric pressure (mb):		973		Local pressure system*:		Rising
				Air temperature (°C):		13

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
WS2	0	0.0	0.1	0.4	21.0		1.81	3.37	H2S: 0 CO: 1
	15	0.0	0.1	1.0	17.7				
	30	0.0	0.1	1.0	13.8				
	45	0.0	0.1	1.0	13.5				
	60	0.0	0.1	1.0	13.5				
	120	0.0	0.1	1.0	13.5				
	180	0.0	0.1	1.0	13.6				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS3	0	0.0	0.1	0.1	20.1		0.90	3.22	H2S: 0 CO: 48
	15	0.0	0.1	6.5	16.6				
	30	0.0	0.1	6.5	16.2				
	45	0.0	0.1	6.5	16.1				
	60	0.0	0.1	6.5	16.0				
	120	0.0	0.1	6.6	15.5				
	180	0.0	0.1	6.3	15.6				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS4	0	0.0	0.1	0.1	21.3		1.25	2.94	H2S: 0 CO:2
	15	0.0	0.3	4.5	15.1				
	30	0.0	0.3	4.6	13.8				
	45	0.0	0.3	4.7	13.4				
	60	0.0	0.4	4.8	13.3				
	120	0.0	0.4	4.9	13.0				
	180	0.0	0.4	4.9	13.0				
	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)	CH ₄	CO ₂	O ₂
MIN	0.0	0.1	0.1	13.0
MAX	0.0	0.4	6.6	21.3
GSV		0	0	

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JOB DETAILS

Site:	Moorgate Farm East, Rochdale	Job No:	A5635
Date:	20/10/23	Engineer:	MS
Time:		Client:	Morris Construction

METEOROLOGICAL & SITE INFORMATION

State of ground:	Dry		Moist		Wet	<input checked="" type="text" value="X"/>		
Wind:	Calm		Light		Moderate		Strong	<input checked="" type="text" value="X"/>
Cloud cover:	None		Slight		Cloudy	<input checked="" type="text" value="X"/>	Overcast	
Precipitation:	None		Slight		Moderate		Heavy	<input checked="" type="text" value="X"/>
Barometric pressure (mb):	955		Local pressure system*:	Rising		Air temperature (°C):	12	

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
WS2	0	0.1	0.1	0.1	21.3		1.68	3.40	H2S: 0 CO: 0. Relative pressure: -0.38.
	15	0.2	0.1	1.6	21.7				
	30	0.3	0.1	1.6	19.5				
	45	0.4	0.1	1.6	19.3				
	60	0.3	0.1	1.5	19.2				
	120	0.4	0.1	1.4	19.2				
	180	0.4	0.1	1.1	19.1				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS3	0	0.0	0.1	4.1	18.9		0.75	3.20	H2S: 0 CO: 45. Relative pressure: -0.45.
	15	0.1	0.1	3.9	19.3				
	30	0.1	0.1	4.4	19.2				
	45	0.1	0.1	5.3	18.5				
	60	0.0	0.1	5.8	18.0				
	120	0.0	0.1	5.9	17.6				
	180	0.0	0.1	5.5	17.5				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS4	0	0.0	0.1	0.1	21.5		1.10	2.95	H2S: 0 CO:1. Relative pressure: 0.31.
	15	0.0	0.1	3.1	19.7				
	30	0.0	0.1	3.2	18.1				
	45	0.0	0.1	3.3	17.9				
	60	0.0	0.1	3.4	17.7				
	120	0.0	0.1	3.8	17.3				
	180	0.0	0.1	4.0	16.9				
	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)	CH ₄	CO ₂	O ₂
MIN	0.0	0.1	0.1	16.9
MAX	0.4	0.1	5.9	21.7
GSV		0.0004	0.0236	

GAS MONITORING RECORD SHEET

JOB DETAILS

Site:	Moorgate Farm East, Rochdale	Job No:	A5635
Date:	27/10/23	Engineer:	MS
Time:		Client:	Morris Construction

METEOROLOGICAL & SITE INFORMATION

State of ground:	Dry		Moist		Wet	<input checked="" type="text" value="X"/>
Wind:	Calm	<input checked="" type="text" value="X"/>	Light		Moderate	
Cloud cover:	None		Slight	<input checked="" type="text" value="X"/>	Cloudy	
Precipitation:	None		Slight	<input checked="" type="text" value="X"/>	Moderate	
Barometric pressure (mb):		965		Local pressure system*:	Rising	
				Air temperature (°C):	10	

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
WS2	0	0.0	0.9	0.3	21.3		2.19	3.44	H2S: 0 CO: 2. Relative pressure: -0.56.
	15	0.0	0.9	2.1	20.3				
	30	0.0	0.9	2.2	19.2				
	45	0.0	0.9	2.2	19.0				
	60	0.0	1.0	2.2	18.9				
	120	0.0	1.0	2.2	18.9				
	180	0.0	1.0	2.0	19.1				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS3	0	0.0	0.9	0.2	21.2		1.04	3.15	H2S: 0 CO: 15. Relative pressure: -0.66.
	15	0.0	0.9	6.3	18.8				
	30	0.0	0.9	6.4	15.8				
	45	0.0	0.9	6.4	16.5				
	60	0.0	0.9	6.4	16.5				
	120	0.0	0.9	6.4	15.0				
	180	0.0	0.9	6.4	14.9				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS4	0	0.0	0.7	0.3	21.2		2.40	2.90	H2S: 0 CO: 7. Relative pressure: 0.41.
	15	0.0	0.6	3.4	18.0				
	30	0.0	0.6	3.2	16.9				
	45	0.0	0.6	3.0	17.2				
	60	0.0	0.6	2.9	17.4				
	120	0.0	0.6	2.9	17.5				
	180	0.0	0.6	3.0	17.4				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

Notes: TOC = top of casing

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* With reference to the Met Office rolling weather archive

	Flow (l/hr)	CH ₄	CO ₂	O ₂
MIN	0.0	0.6	0.2	14.9
MAX	0.0	1.0	6.4	21.3
GSV		0	0	

GAS MONITORING RECORD SHEET

JOB DETAILS

Site:	Moorgate Farm East, Rochdale	Job No:	A5635
Date:	8/11/23	Engineer:	MS
Time:		Client:	Morris Construction

METEOROLOGICAL & SITE INFORMATION

State of ground:	Dry		Moist		Wet	<input checked="" type="text" value="X"/>
Wind:	Calm	<input checked="" type="text" value="X"/>	Light		Moderate	<input checked="" type="text" value="X"/>
Cloud cover:	None		Slight		Cloudy	
Precipitation:	None		Slight		Moderate	<input checked="" type="text" value="X"/>
Barometric pressure (mb):	973		Local pressure system*:	Rising		Air temperature (°C): 8

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
WS2	0	0.0	0.1	0.3	21.3		2.91	3.31	H2S: 0 CO: 0. Relative pressure: -1.35.
	15	0.0	0.3	0.1	19.7				
	30	0.0	0.3	1.0	18.5				
	45	0.0	0.3	1.0	18.2				
	60	0.0	0.3	1.0	18.1				
	120	0.0	0.3	1.0	18.1				
	180	0.0	0.3	0.9	18.2				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS3	0	0.0	0.2	0.1	21.1		0.26	3.22	H2S: 0 CO: 0. Relative pressure: -1.45.
	15	0.0	0.2	0.1	21.2				
	30	0.0	0.2	0.1	21.2				
	45	0.0	0.2	0.1	21.2				
	60	0.0	0.2	0.1	21.2				
	120	0.0	0.2	0.1	21.2				
	180	0.0	0.2	0.1	21.2				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS4	0	0.0	0.2	0.1	20.3		1.28	2.92	H2S: 0 CO:0. Relative pressure: 1.39.
	15	0.0	0.2	3.7	15.4				
	30	0.0	0.2	3.8	14.3				
	45	0.0	0.2	4.0	13.5				
	60	0.0	0.2	4.1	13.1				
	120	0.0	0.2	4.1	12.8				
	180	0.0	0.2	4.2	12.7				
	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)	CH ₄	CO ₂	O ₂
MIN	0.0	0.1	0.1	12.7
MAX	0.0	0.3	4.2	21.3
GSV		0	0	