

GAS MONITORING RECORD SHEET

JOB DETAILS

Site: Waterfold Lane	Job No: A4301
Date: 05/04/2024	Engineer: MM
Time: All day	Client: John Stephens & Co.

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): 986 Local pressure system*: Falling Air temperature (°C): 5				

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
WS1	0	0.0	0.3	0.1	20.8		1.80	4.93	CO:0. H2S:0. Relative pressure: 0.03.
	15	0.0	3.2	5.2	14.8				
	30	0.0	3.2	5.2	2.2				
	45	0.0	3.2	5.2	0.5				
	60	0.0	3.2	5.2	0.3				
	120	0.0	3.2	5.3	0.1				
	180	0.0	3.2	5.3	0.1				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS2	0	0.0	0.2	0.2	20.4		2.23	2.93	CO:0. H2S:0. Relative pressure: 0.09.
	15	0.0	0.2	2.1	17.3				
	30	0.0	0.2	1.7	16.6				
	45	0.0	0.2	1.5	16.8				
	60	0.0	0.2	1.5	16.9				
	120	0.0	0.1	1.5	16.8				
	180	0.0	0.1	1.5	16.7				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS3	0	0.0	0.1	0.1	20.1		2.12	3.06	CO:0. H2S:0. Relative pressure: 0.15.
	15	0.0	0.1	10.0	15.6				
	30	0.0	0.1	10.3	9.1				
	45	0.0	0.1	10.5	8.3				
	60	0.0	0.1	10.5	8.2				
	120	0.0	0.1	10.6	8.1				
	180	0.0	0.1	10.6	8.1				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS4	0	0.0	0.2	0.4	19.9		2.38	3.63	CO:0. H2S:0. Relative pressure: 0.25.
	15	0.0	0.1	0.8	19.7				
	30	0.0	0.1	0.7	19.1				
	45	0.0	0.1	0.7	19.2				
	60	0.0	0.1	0.8	19.2				
	120	0.0	0.1	0.8	18.9				
	180	0.0	0.1	0.9	18.6				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS5	0	0.0	0.2	0.4	19.8		2.20	3.00	CO:0. H2S:0. Relative pressure: 0.30.
	15	0.0	0.2	3.2	15.6				
	30	0.0	0.2	3.2	11.6				
	45	0.0	0.2	3.2	11.2				
	60	0.0	0.2	3.2	11.2				
	120	0.0	0.2	3.2	11.2				
	180	0.0	0.2	3.2	11.2				
	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	0.1
MAX	0.0	3.2	10.6	20.8
GSV		0	0	

GAS MONITORING RECORD SHEET

JOB DETAILS	
Site: Waterfold Lane	Job No: A4301
Date: 12/04/2024	Engineer: MM
Time: All day	Client: John Stephens & Co.

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): 997 Local pressure system*: Falling Air temperature (°C): 9				

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
WS1	0	0.0	0.3	0.1	20.7		1.77	4.91	CO:4 . H2S:0 . Relative pressure: 0.01.
	15	0.0	3.1	5.1	14.2				
	30	0.0	3.1	5.1	2.4				
	45	0.0	3.1	5.1	0.5				
	60	0.0	3.1	5.1	0.2				
	120	0.0	3.1	5.1	0.1				
	180	0.0	3.1	5.1	0.1				
	240								
	300								
	360								
	420								
	480								
WS2	0						2.15	2.93	Bung would not fit into install.
	15								
	30								
	45								
	60								
	120								
	180								
	240								
	300								
	360								
	420								
	480								
WS3	0	0.0	0.1	0.1	20.4		2.23	3.03	CO:0 . H2S:0 . Relative pressure: 0.18.
	15	0.0	0.1	10.5	14.8				
	30	0.0	0.1	10.4	9.1				
	45	0.0	0.1	10.7	8.2				
	60	0.0	0.1	10.7	8.0				
	120	0.0	0.1	10.7	8.0				
	180	0.0	0.1	10.7	8.0				
	240								
	300								
	360								
	420								
	480								
WS4	0	0.0	0.2	0.5	20.2		2.40	3.63	CO:0 . H2S:0 . Relative pressure: 0.24.
	15	0.0	0.1	0.8	19.8				
	30	0.0	0.1	0.9	19.0				
	45	0.0	0.1	0.9	19.0				
	60	0.0	0.1	0.9	19.0				
	120	0.0	0.1	0.9	18.9				
	180	0.0	0.1	1.0	18.6				
	240								
	300								
	360								
	420								
	480								
WS5	0	0.0	0.1	0.2	20.2		2.12	3.00	CO:0 . H2S:0 . Relative pressure: 0.27.
	15	0.0	0.1	4.1	14.5				
	30	0.0	0.1	4.1	11.6				
	45	0.0	0.1	4.1	11.6				
	60	0.0	0.1	4.1	11.6				
	120	0.0	0.1	4.1	11.6				
	180	0.0	0.1	4.1	11.6				
	240								
	300								
	360								
	420								
	480								

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	0.1
MAX	0.0	3.1	10.7	20.7
GSV		0	0	

GAS MONITORING RECORD SHEET

JOB DETAILS

Site: Waterfold Lane	Job No: A4301
Date: 19/04/2024	Engineer: MM
Time: All day	Client: John Stephens & Co.

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): 1005 Local pressure system*: Falling Air temperature (°C): 11				

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
WS1	0	0.0	0.2	0.1	20.7		1.87	4.93	CO-2, H2S-0 : Relative pressure: -0.1.
	15	0.0	3.0	5.0	13.0				
	30	0.0	3.0	5.0	2.7				
	45	0.0	3.0	5.1	0.7				
	60	0.0	3.0	5.1	0.3				
	120	0.0	3.0	5.0	0.2				
	180	0.0	3.0	5.0	0.1				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS2	0						2.04	2.93	Bung would not fit into install.
	15								
	30								
	45								
	60								
	120								
	180								
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS3	0	0.0	0.3	0.1	20.7		2.18	3.06	CO-2, H2S-0 : Relative pressure: 0.24.
	15	0.0	0.3	10.5	12.6				
	30	0.0	0.3	10.8	8.5				
	45	0.0	0.3	10.9	8.3				
	60	0.0	0.3	10.9	8.2				
	120	0.0	0.3	10.9	8.2				
	180	0.0	0.3	10.9	8.2				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS4	0	0.0	0.3	0.1	20.6		2.44	3.61	CO-0, H2S-0 : Relative pressure: 0.22.
	15	0.0	0.3	0.6	20.1				
	30	0.0	0.3	0.5	20.0				
	45	0.0	0.3	0.5	20.1				
	60	0.0	0.3	0.5	20.1				
	120	0.0	0.3	0.5	20.1				
	180	0.0	0.3	0.5	20.1				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS5	0	0.0	0.3	0.1	20.6		2.22	2.98	CO-0, H2S-0 : Relative pressure: 0.22.
	15	0.0	0.3	3.3	16.2				
	30	0.0	0.3	3.4	13.4				
	45	0.0	0.3	3.4	13.4				
	60	0.0	0.3	3.4	13.4				
	120	0.0	0.3	3.4	13.4				
	180	0.0	0.3	3.4	13.4				
	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)	CH ₄	CO ₂	O ₂
MIN	0.0	0.2	0.1	0.1
MAX	0.0	3.0	10.9	20.7
GSV		0	0	

GAS MONITORING RECORD SHEET

JOB DETAILS			
Site:	Waterfold Lane	Job No:	A4301
Date:	26/04/2024	Engineer:	MM
Time:	All day	Client:	John Stephens & Co.

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):	998		Local pressure system*: Falling Air temperature (°C): 7

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
WS1	0	0.0	0.3	0.2	20.6		2.00	4.92	CO:2 . H2S:0 . Relative pressure: -0.19
	15	0.0	1.7	3.9	20.0				
	30	0.0	1.6	4.0	12.4				
	45	0.0	1.6	4.0	9.0				
	60	0.0	1.6	4.0	7.9				
	120	0.0	1.6	4.3	6.9				
	180	0.0	1.6	4.3	6.7				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS2	0						1.86	2.93	Bung would not fit into install.
	15								
	30								
	45								
	60								
	120								
	180								
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS3	0	0.0	0.0	0.1	19.8		2.42	3.06	CO:2 . H2S:0 . Relative pressure: 0.07.
	15	0.0	0.0	11.0	17.3				
	30	0.0	0.0	11.3	10.6				
	45	0.0	0.0	11.4	8.6				
	60	0.0	0.0	11.3	8.0				
	120	0.0	0.0	11.1	7.6				
	180	0.0	0.0	11.0	7.6				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS4	0	0.0	0.1	0.1	20.5		2.21	3.64	CO:0 . H2S:0 . Relative pressure: 0.26.
	15	0.0	0.2	0.4	19.6				
	30	0.0	0.2	0.4	19.4				
	45	0.0	0.2	0.5	19.4				
	60	0.0	0.2	0.5	19.4				
	120	0.0	0.2	0.5	19.3				
	180	0.0	0.2	0.5	19.3				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS5	0	0.0	0.2	0.1	21.2		2.04	3.00	CO:0 . H2S:0 . Relative pressure: 0.17.
	15	0.0	0.3	3.2	20.9				
	30	0.0	0.3	3.3	19.6				
	45	0.0	0.3	3.3	19.5				
	60	0.0	0.3	3.3	19.5				
	120	0.0	0.3	3.2	19.4				
	180	0.0	0.3	3.2	19.4				
	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)	CH ₄	CO ₂	O ₂
MIN	0.0	0.0	0.1	6.7
MAX	0.0	1.7	11.4	21.2
GSV		0	0	

GAS MONITORING RECORD SHEET

JOB DETAILS

Site: Waterfold Lane Job No: A4301
 Date: 03/05/2024 Engineer: MM
 Time: All day Client: John Stephens & Co.

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): 998 Local pressure system*: Falling Air temperature (°C): 14

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
WS1	0	0.0	0.1	0.1	20.9		2.87	4.92	CO-2, H2S-0, Relative pressure: 0.52.
	15	-0.1	0.5	2.5	15.6				
	30	-0.1	0.5	2.4	12.4				
	45	-0.1	0.5	2.6	11.5				
	60	-0.1	0.5	3.8	11.0				
	120	-0.1	0.6	3.5	9.2				
	180	-0.1	0.7	3.8	8.3				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS2	0						1.98	2.93	Bung would not fit into install.
	15								
	30								
	45								
	60								
	120								
	180								
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS3	0	0.0	0.1	0.2	20.5		2.85	3.05	CO-2, H2S-0, Relative pressure: 0.15.
	15	0.0	0.1	9.9	11.3				
	30	-0.1	0.1	10.1	8.9				
	45	-0.1	0.1	10.2	8.7				
	60	-0.1	0.1	10.2	8.6				
	120	-0.1	0.1	10.3	8.5				
	180	-0.1	0.1	10.3	8.5				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS4	0	0.0	0.2	0.2	20.6		2.86	3.60	CO-0, H2S-0, Relative pressure: 0.12.
	15	0.0	0.2	0.9	19.3				
	30	0.0	0.2	0.7	19.8				
	45	0.0	0.2	0.7	19.9				
	60	0.0	0.2	0.7	19.9				
	120	0.0	0.1	0.8	19.8				
	180	0.0	0.1	0.8	19.8				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS5	0	0.0	0.2	0.1	20.7		2.34	2.97	CO-0, H2S-0, Relative pressure: 0.09.
	15	0.0	0.2	8.6	12.7				
	30	0.0	0.2	8.8	7.7				
	45	0.0	0.2	8.9	7.2				
	60	0.0	0.2	8.9	7.1				
	120	0.0	0.2	8.9	7.1				
	180	0.0	0.2	8.9	7.1				
	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)	CH ₄	CO ₂	O ₂
MIN	-0.1	0.1	0.1	7.1
MAX	0.0	0.7	10.3	20.9
GSV		0	0	

GAS MONITORING RECORD SHEET

JOB DETAILS

Site: Waterfold Lane	Job No: A4301
Date: 03/05/2024	Engineer: MM
Time: All day	Client: John Stephens & Co.

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): 998 Local pressure system*: Falling Air temperature (°C): 14				

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
WS1	0	0.0	0.2	0.1	20.2		2.65	4.95	CO-2 : H2S-0 : Relative pressure: 0.09.
	15	0.0	2.3	2.5	17.4				
	30	0.0	2.3	3.0	11.3				
	45	0.0	2.3	3.0	11.5				
	60	0.0	2.3	3.0	9.8				
	120	0.0	2.3	3.0	7.0				
	180	0.0	2.3	3.0	5.6				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS2	0						2.13	2.93	Bung would not fit into install.
	15								
	30								
	45								
	60								
	120								
	180								
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS3	0	0.0	0.1	0.2	19.6		2.72	3.05	CO-2 : H2S-0 : Relative pressure: 0.09.
	15	0.0	0.1	9.8	18.7				
	30	0.0	0.1	10.6	11.5				
	45	0.0	0.1	10.8	9.5				
	60	0.0	0.1	10.9	9.3				
	120	0.0	0.1	10.9	9.3				
	180	0.0	0.1	10.9	9.3				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS4	0	0.0	0.3	0.4	20.5		2.41	3.60	CO-0 : H2S-0 : Relative pressure: 0.28.
	15	0.0	0.2	0.5	19.7				
	30	0.0	0.2	0.8	18.9				
	45	0.0	0.2	0.9	18.6				
	60	0.0	0.2	0.8	18.4				
	120	0.0	0.1	0.7	18.7				
	180	0.0	0.1	0.7	19.1				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS5	0	0.0	0.1	0.1	18.9		2.26	2.99	CO-0 : H2S-0 : Relative pressure: 0.33.
	15	0.0	0.1	2.6	11.8				
	30	0.0	0.2	5.5	8.7				
	45	0.0	0.2	5.6	8.6				
	60	0.0	0.2	5.8	8.5				
	120	0.0	0.2	5.8	8.5				
	180	0.0	0.2	5.8	8.5				
	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	5.6
MAX	0.0	2.3	10.9	20.5
GSV		0	0	