

GAS MONITORING RECORD SHEET

JOB DETAILS

Site: Dobfield Road	Job No: A5182
Date: 31/01/2023	Engineer: JEM
Time: 10:00	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): 1021		Local pressure system*: 4.36/-1.84		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
WS1	0	0.1	0.0	0.2	21.0		2.20	3.11	SAMPLED
	15	0.1	0.0	0.8	20.9				
	30	0.1	0.0	0.8	20.3				
	45	0.0	0.0	0.8	20.1				
	60	0.0	0.0	0.8	20.1				
	120	0.0	0.0	0.8	20.1				
	180	0.0	0.0	0.8	20.1				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS2	0	0.0	0.0	1.5	21.3		2.05	4.30	SAMPLED
	15	-0.1	0.0	1.5	20.0				
	30	-0.1	0.0	1.5	19.7				
	45	-0.1	0.0	1.5	19.7				
	60	-0.1	0.0	1.5	19.7				
	120	-0.1	0.0	1.4	19.9				
	180	-0.1	0.0	1.4	20.0				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS3	0	0.0	0.0	0.2	21.5		2.27	2.82	
	15	0.0	0.0	2.3	20.1				
	30	0.0	0.0	2.3	19.0				
	45	0.0	0.0	2.3	18.8				
	60	0.0	0.0	2.3	18.8				
	120	0.0	0.0	2.4	18.8				
	180	0.0	0.0	2.6	18.8				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS4	0	0.0	0.0	0.2	21.7		2.48	2.65	
	15	0.0	0.0	2.2	19.9				
	30	0.0	0.0	2.2	18.5				
	45	0.0	0.0	2.2	18.2				
	60	0.0	0.0	2.2	18.2				
	120	0.0	0.0	2.1	18.2				
	180	0.0	0.0	2.1	18.3				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS5	0	0.0	0.0	0.2	21.7		2.30	2.69	
	15	0.0	0.0	2.9	20.0				
	30	-0.1	0.0	3.0	18.7				
	45	-0.1	0.0	3.0	18.5				
	60	0.0	0.0	3.0	18.4				
	120	0.0	0.0	3.0	18.5				
	180	0.0	0.0	3.0	18.5				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS6	0	0.0	0.0	0.3	21.5		2.35	4.55	SAMPLED
	15	0.0	0.0	0.7	20.3				
	30	0.0	0.0	0.7	19.9				
	45	0.0	0.0	0.7	19.8				
	60	0.0	0.0	0.7	19.8				
	120	0.0	0.0	0.7	19.7				
	180	0.0	0.0	0.7	19.7				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS7	0	0.0	0.0	0.2	21.5		2.20	5.65	SAMPLED
	15	0.0	0.0	4.6	19.2				
	30	0.0	0.0	4.6	16.0				
	45	0.0	0.0	4.7	15.3				
	60	0.0	0.0	4.7	15.2				
	120	0.0	0.0	4.7	15.2				
	180	0.0	0.0	4.6	15.2				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS8	0	0.0	0.0	0.3	21.1		1.97	4.55	
	15	0.0	0.0	2.2	19.5				
	30	0.0	0.0	2.3	18.3				
	45	0.0	0.0	2.4	18.0				
	60	0.0	0.0	2.4	18.0				
	120	-0.1	0.0	2.4	18.0				
	180	-0.1	0.0	2.4	17.9				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS9	0	0.0	0.0	0.3	21.1		1.71	4.81	SAMPLED
	15	0.0	0.0	3.0	17.6				CO: 3
	30	0.0	0.0	3.0	17.4				CO: 1
	45	0.0	0.0	3.1	17.2				
	60	0.0	0.0	3.1	17.1				
	120	0.0	0.0	3.1	17.1				
	180	0.0	0.0	3.1	17.1				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS10	0	0.0	0.0	0.3	21.4		2.33	4.27	
	15	0.0	0.0	1.5	19.9				CO: 2
	30	0.0	0.0	1.5	19.1				
	45	0.0	0.0	1.5	18.9				
	60	0.0	0.0	1.5	18.9				
	120	-0.1	0.0	1.5	18.8				
	180	-0.1	0.0	1.8	18.3				
	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	0.0	0.2	18.2
MAX	0.1	0.0	3.0	21.7
GSV		0	0.003	

GAS MONITORING RECORD SHEET

JOB DETAILS

Site: Dobfield Road	Job No: A5182
Date: 13/02/2023	Engineer: JEM
Time: 11:00	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): 1033 (Falling) Local pressure system*: -0.95 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	0.0	0.1	21.5		2.70	2.98	
	15	0.0	0.0	0.8	21.0				H2S: 0
	30	0.0	0.0	0.9	20.7				CO: 0
	45	0.0	0.0	0.9	20.7				
	60	0.0	0.0	0.9	20.6				
	120	0.0	0.0	0.9	20.6				
	180	0.0	0.0	0.9	20.6				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS2	0	0.1	0.2	1.0	21.5		3.12	4.24	
	15	0.1	0.0	2.1	19.4				H2S: 0
	30	0.1	0.0	2.1	18.5				CO: 0
	45	0.1	0.0	2.1	18.5				
	60	0.1	0.0	2.1	18.5				
	120	0.1	0.0	2.2	18.4				
	180	0.1	0.0	2.2	18.4				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS3	0	0.0	0.0	0.2	21.5		Dry	2.30	H2S: 0
	15	0.0	0.0	5.8	17.4				CO: 2
	30	0.0	0.0	5.9	16.1				CO: 7
	45	0.0	0.0	6.0	16.0				CO: 8
	60	0.0	0.0	6.0	16.0				CO: 7
	120	0.0	0.0	6.0	15.9				CO: 6
	180	0.0	0.0	5.3	15.7				CO: 5
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS4	0	0.1	0.0	0.4	21.7		Dry	2.65	
	15	0.1	0.0	1.1	19.7				CO: 1
	30	0.1	0.0	1.1	19.7				H2S: 0
	45	0.1	0.0	1.1	19.6				
	60	0.1	0.0	1.1	19.5				
	120	0.1	0.0	1.4	19.0				
	180	0.1	0.0	1.8	18.3				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS5	0	0.0	0.0	0.2	21.7		2.45	2.62	
	15	0.0	0.0	2.1	19.7				H2S: 0
	30	0.1	0.0	2.1	19.1				CO: 0
	45	0.0	0.0	2.2	19.0				
	60	0.1	0.0	2.3	19.0				
	120	0.0	0.1	2.5	18.7				
	180	0.0	0.0	2.9	18.4				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS6	0	0.0	0.1	0.2	21.5		2.47	4.43	
	15	0.0	0.0	0.3	21.1				H2S: 0
	30	0.1	0.0	0.4	21.4				CO: 0
	45	0.1	0.0	0.4	21.3				
	60	0.1	0.0	0.5	21.3				
	120	0.1	0.0	0.7	20.8				
	180	0.1	0.0	0.8	20.7				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS7	0	0.1	0.0	0.1	21.8		2.32	5.51	
	15	0.1	0.0	0.5	21.4				H2S: 0
	30	0.1	0.0	0.5	21.4				CO: 0
	45	0.1	0.0	0.5	21.3				
	60	0.1	0.0	0.5	21.3				
	120	0.1	0.0	0.7	21.0				
	180	0.1	0.0	1.3	20.2				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS8	0	0.0	0.0	0.2	21.8		1.97	4.55	
	15	0.0	0.0	1.0	20.3				H2S: 0
	30	0.1	0.0	1.0	20.0				CO: 0
	45	0.0	0.0	1.0	19.9				
	60	0.1	0.0	1.1	19.8				
	120	0.1	0.0	1.4	19.3				
	180	0.1	0.0	1.8	18.7				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS9	0	0.0	0.0	0.2	21.7		2.21	4.70	
	15	0.0	0.0	3.0	18.3				H2S: 0
	30	0.0	0.0	3.0	17.1				CO: 0
	45	0.0	0.0	3.0	17.0				
	60	0.0	0.0	2.9	17.0				
	120	0.0	0.0	3.1	17.0				
	180	0.0	0.0	3.0	16.9				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS10	0	0.0	0.0	0.2	21.7		4.18	4.20	
	15	0.1	0.0	1.7	19.0				H2S: 0
	30	0.1	0.0	1.8	18.4				CO: 0
	45	0.1	0.0	1.8	18.3				
	60	0.1	0.0	1.8	18.3				
	120	0.1	0.0	1.9	18.2				
	180	0.1	0.0	2.0	18.0				
	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)	CH4	CO2	O2
MIN	0.0	0.0	0.1	15.7
MAX	0.1	0.2	6.0	21.7
GSV		0.0002	0.006	

GAS MONITORING RECORD SHEET

JOB DETAILS

Site: Dobfield Road
Date: 27/02/2023
Time: 13:00

Job No: A5182
Engineer: JEM
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): 1036 (Rising) Local pressure system*: 0.05/0.43 Air temperature (°C): 6

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	21.3		Dry	2.95	H2S: 0
	15	0.0	0.1	1.4	20.2				CO: 0
	30	0.0	0.1	1.5	19.5				
	45	0.0	0.1	1.5	19.4				
	60	0.0	0.1	1.5	19.4				
	120	0.0	0.1	1.6	19.3				
	180	0.0	0.1	1.6	19.3				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS2	0	0.1	0.1	0.2	21.6		3.90	4.20	H2S: 0
	15	0.1	0.1	3.0	18.4				CO: 0
	30	0.1	0.1	3.1	16.9				
	45	0.1	0.1	3.1	16.8				
	60	0.1	0.1	3.1	16.7				
	120	0.1	0.1	3.2	16.7				
	180	0.1	0.1	3.2	16.6				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS3	0	0.1	0.1	0.2	21.6		Dry	2.30	H2S: 0
	15	0.1	0.1	5.2	17.2				CO: 0
	30	0.1	0.1	5.3	16.7				
	45	0.1	0.1	5.3	16.7				
	60	0.1	0.1	5.3	16.7				
	120	0.1	0.1	5.4	16.7				
	180	0.1	0.1	5.4	16.7				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS4	0	0.0	0.1	0.4	21.3		Dry	2.65	H2S: 0
	15	0.0	0.1	2.5	18.1				CO: 0
	30	0.0	0.1	2.5	17.4				
	45	0.0	0.1	2.5	17.3				
	60	0.0	0.1	2.5	17.3				
	120	0.0	0.0	2.5	17.3				
	180	0.0	0.0	2.5	17.2				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS5	0	0.0	0.0	0.3	21.7		Dry	2.60	H2S: 0
	15	0.0	0.1	2.8	19.1				CO: 0
	30	0.0	0.0	3.0	18.5				
	45	0.0	0.0	3.1	18.4				
	60	0.0	0.0	3.1	18.4				
	120	0.0	0.0	3.2	18.4				
	180	0.0	0.0	3.2	18.4				
	240								
	300								
	360								
	420								
	480								
	540								
	600								

WS6	0	0.1	0.0	0.3	21.6		4.20	4.40	H2S: 0
	15	0.1	0.0	0.1	21.8				CO: 0
	30	0.1	0.0	0.1	22.0				
	45	0.1	0.0	0.1	22.0				
	60	0.1	0.0	0.1	22.0				
	120	0.1	0.0	0.1	22.0				
	180	0.1	0.0	0.1	22.0				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS7	0	0.1	0.0	0.2	21.9		4.55	5.40	H2S: 0
	15	0.1	0.0	1.4	20.4				CO: 0
	30	0.1	0.0	1.5	19.8				
	45	0.1	0.0	1.7	19.5				
	60	0.1	0.0	1.9	19.2				
	120	0.1	0.0	2.9	18.3				
	180	0.1	0.0	3.6	17.5				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS8	0	0.0	0.0	0.2	21.7		4.30	4.55	H2S: 0
	15	0.1	0.0	1.3	19.9				CO: 0
	30	0.1	0.0	1.5	19.5				
	45	0.1	0.0	1.7	19.2				
	60	0.1	0.0	1.9	18.9				
	120	0.1	0.0	2.2	18.5				
	180	0.1	0.0	2.4	18.3				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS9	0	0.1	0.0	0.2	21.8		3.40	4.65	H2S: 0
	15	0.1	0.0	3.3	18.1				CO: 0
	30	0.1	0.0	3.4	16.6				
	45	0.1	0.0	3.5	16.5				
	60	0.1	0.0	3.5	16.4				
	120	0.1	0.0	3.5	16.4				
	180	0.1	0.0	3.5	16.4				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS10	0	0.0	0.0	0.3	21.7		4.18	4.60	H2S: 0
	15	0.0	0.0	1.6	19.2				CO: 0
	30	0.0	0.0	1.7	18.6				
	45	-0.1	0.0	1.9	18.3				
	60	-0.1	0.0	2.0	18.1				
	120	-0.1	0.0	2.1	17.9				
	180	-0.1	0.0	2.1	17.9				
	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	0.0	0.0	0.1	16.6
MAX	0.1	0.1	5.4	21.7
GSV		0.0001	0.0054	