

GAS MONITORING RECORD SHEET

JOB DETAILS
 Site: Kingsley Road, Northenden Job No: A3939
 Date: 09/04/2021 Engineer: DS
 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): 1009 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 (magl)	Total Depth (magl)	Comments
WS01	0	0.0	0.0	0.2	19.8		2.02	4.66	H2S: 1 CO: 1
	15	0.0	0.0	2.6	18.7				
	30	0.0	0.0	2.6	17.8				
	45	0.0	0.0	2.6	17.7				
	60	0.0	0.0	2.6	17.7				
	120	0.0	0.0	2.6	17.6				
	180	0.0	0.0	2.6	17.6				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS02	0	0.0	0.0	0.2	19.2		2.04	4.88	H2S: 1 CO: 6
	15	0.0	0.0	5.7	15.6				
	30	0.0	0.0	5.8	14.6				
	45	0.0	0.0	5.8	14.4				
	60	0.0	0.0	5.8	14.3				
	120	0.0	0.0	5.8	14.3				
	180	0.0	0.0	5.8	14.3				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS03	0	0.0	0.0	0.2	20.6		2.09	3.80	H2S: 1 CO: 1
	15	0.0	0.0	4.5	18.2				
	30	0.0	0.0	4.5	17.0				
	45	0.0	0.0	4.5	16.9				
	60	0.0	0.0	4.6	16.9				
	120	0.0	0.0	4.6	16.8				
	180	0.0	0.0	4.6	16.8				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS04	0	0.0	0.0	0.2	19.0		1.59	3.90	H2S: 1 CO: 5
	15	0.0	0.0	5.0	16.4				
	30	0.0	0.0	5.1	15.2				
	45	0.0	0.0	5.4	15.0				
	60	0.0	0.0	5.4	14.9				
	120	0.0	0.0	5.8	14.4				
	180	0.0	0.0	6.3	14.1				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS05	0	0.0	0.0	0.2	20.4		1.54	3.80	H2S: 0 CO: 1
	15	0.0	0.0	0.2	20.3				
	30	0.0	0.0	0.2	20.3				
	45	0.0	0.0	0.3	20.2				
	60	0.0	0.0	0.3	20.2				
	120	0.0	0.0	0.3	20.2				
	180	0.0	0.0	0.3	20.2				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS06	0	0.0	0.0	0.1	20.0		1.62	4.76	H2S: 1 CO: 1
	15	0.0	0.0	0.3	19.9				
	30	0.0	0.0	0.3	19.9				
	45	-0.1	0.0	0.3	19.9				
	60	-0.1	0.0	0.3	19.9				
	120	0.0	0.0	0.3	19.9				
	180	0.0	0.0	0.3	19.9				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS07	0	0.0	0.0	0.1	20.2		1.59	2.48	H2S: 1 CO: 7
	15	0.0	0.0	0.1	20.1				
	30	0.0	0.0	0.1	20.1				
	45	0.0	0.0	0.1	20.0				
	60	0.0	0.0	0.1	20.1				
	120	0.0	0.0	0.1	20.1				
	180	0.0	0.0	0.1	20.1				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS08	0	0.0	0.0	0.2	20.1		1.45	3.88	H2S: 2 CO: 1
	15	0.0	0.0	1.9	19.2				
	30	0.0	0.0	1.9	18.3				
	45	0.0	0.0	1.9	18.1				
	60	0.0	0.0	1.9	18.1				
	120	0.0	0.0	1.9	18.1				
	180	0.0	0.0	1.9	18.1				
	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	0.0	0.1	14.1
MAX	0.0	0.0	6.3	20.1
OSV		0	0	

GAS MONITORING RECORD SHEET

JOB DETAILS
 Site: Kingsley Road, Northenden Job No: A3939
 Date: 15/04/2021 Engineer: DS
 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): 1031 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)	PH	(ppm)	Depth to GW (mbl)	Total Depth (mbl)	Comments
WS01	0	0.0	0.0	0.1	20.0			1.96	4.54	H2S: 1 CO: 1
	15	0.0	0.0	2.5	19.7					
	30	0.0	0.0	2.5	17.7					
	45	0.0	0.0	2.5	17.6					
	60	0.0	0.0	2.5	17.6					
	120	0.0	0.0	2.5	17.6					
	180	0.0	0.0	2.5	17.6					
	240									
	300									
	360									
	420									
WS02	0	0.0	0.0	0.3	19.5			2.00	4.85	H2S: 1 CO: 1
	15	0.0	0.0	2.0	18.5					
	30	0.0	0.0	2.1	17.8					
	45	0.0	0.0	2.1	17.7					
	60	0.0	0.0	2.2	17.7					
	120	0.0	0.0	2.8	17.1					
	180	0.0	0.0	4.1	16.1					
	240									
	300									
	360									
	420									
WS03	0	0.0	0.0	0.2	19.6			2.08	3.74	H2S: 1 CO: 1
	15	0.0	0.0	3.9	17.5					
	30	0.0	0.0	3.9	16.4					
	45	0.0	0.0	3.9	16.3					
	60	0.0	0.0	3.9	16.3					
	120	0.0	0.0	4.1	16.2					
	180	0.0	0.0	4.2	16.1					
	240									
	300									
	360									
	420									
WS04	0	0.0	0.0	0.2	19.9			1.85	3.77	H2S: 1 CO: 1
	15	0.0	0.0	1.4	18.8					
	30	0.0	0.0	1.5	18.5					
	45	0.0	0.0	1.2	18.3					
	60	0.0	0.0	1.9	18.1					
	120	0.0	0.0	3.5	16.9					
	180	0.0	0.0	4.6	15.9					
	240									
	300									
	360									
	420									
WS05	0	0.0	0.0	0.1	20.0			1.52	3.77	H2S: 1 CO: 0
	15	0.0	0.0	0.2	20.0					
	30	0.0	0.0	0.2	19.9					
	45	0.0	0.0	0.2	19.9					
	60	0.0	0.0	0.2	19.9					
	120	0.0	0.0	0.2	19.9					
	180	0.0	0.0	0.2	19.9					
	240									
	300									
	360									
	420									
WS06	0	0.0	0.0	0.1	20.1			1.61	4.72	H2S: 1 CO: 0
	15	0.0	0.0	0.2	20.0					
	30	0.0	0.0	0.3	19.9					
	45	0.0	0.0	0.3	19.9					
	60	0.0	0.0	0.3	19.9					
	120	0.0	0.0	0.3	20.0					
	180	0.0	0.0	0.3	20.0					
	240									
	300									
	360									
	420									
WS07	0	0.0	0.0	0.1	19.7			1.66	2.47	H2S: 1 CO: 1
	15	-0.0	0.0	0.1	19.7					
	30	-0.1	0.0	0.1	19.6					
	45	0.0	0.0	0.1	19.6					
	60	0.0	0.0	0.1	19.6					
	120	-0.1	0.0	0.1	19.6					
	180	-0.1	0.0	0.1	19.6					
	240									
	300									
	360									
	420									
WS08	0	0.0	0.0	0.1	20.0			1.48	3.88	H2S: 1 CO: 1
	15	0.0	0.0	0.5	19.8					
	30	0.0	0.0	0.5	19.8					
	45	0.0	0.0	0.5	19.8					
	60	0.0	0.0	0.5	19.8					
	120	0.0	0.0	0.5	19.8					
	180	0.0	0.0	0.5	19.8					
	240									
	300									
	360									
	420									

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	0.0	0.1	19.9
MAX	0.0	0.0	4.6	20.1
OSV		0	0	

GAS MONITORING RECORD SHEET

JOB DETAILS
 Site: Kingsley Road, Northenden Job No: A3939
 Date: 22/04/2021 Engineer: DS
 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): 1025 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)	PH	(ppm)	Depth to GW (mbl)	Total Depth (mbl)	Comments
WS01	0	0.0	0.0	0.1	19.9			1.83	4.50	H2S: 1 CO: 1
	15	0.0	0.0	2.6	18.5					
	30	0.0	0.0	2.6	17.6					
	45	-0.1	0.0	2.7	17.6					
	60	-0.1	0.0	2.7	17.5					
	120	-0.1	0.0	2.6	17.5					
	180	-0.1	0.0	2.7	17.5					
	240									
	300									
	360									
	420									
	480									
	540									
	600									
WS02	0	0.0	0.0	0.1	19.9			1.85	4.85	H2S: 1 CO: 1
	15	0.0	0.0	2.8	18.2					
	30	0.0	0.0	2.8	17.5					
	45	0.0	0.0	2.8	17.4					
	60	0.0	0.0	2.9	17.3					
	120	0.0	0.0	3.6	16.6					
	180	0.0	0.0	4.3	16.1					
	240									
	300									
	360									
	420									
	480									
	540									
	600									
WS03	0	0.0	0.0	0.1	19.7			2.10	3.75	H2S: 1 CO: 1
	15	0.0	0.0	4.7	16.4					
	30	0.0	0.0	4.6	16.1					
	45	0.0	0.0	4.6	16.1					
	60	0.0	0.0	4.4	16.1					
	120	0.0	0.0	4.6	16.0					
	180	0.0	0.0	4.6	16.0					
	240									
	300									
	360									
	420									
	480									
	540									
	600									
WS04	0	0.0	0.0	0.2	19.8			1.85	3.77	H2S: 1 CO: 1
	15	0.0	0.0	1.5	18.7					
	30	0.0	0.0	1.6	18.3					
	45	0.0	0.0	1.8	18.2					
	60	0.0	0.0	2.0	18.0					
	120	0.0	0.0	3.3	17.0					
	180	0.0	0.0	4.6	15.9					
	240									
	300									
	360									
	420									
	480									
	540									
	600									
WS05	0	0.0	0.0	0.1	19.8			1.48	3.77	H2S: 1 CO: 1
	15	0.0	0.0	0.2	19.7					
	30	0.0	0.0	0.2	19.6					
	45	0.0	0.0	0.2	19.6					
	60	0.0	0.0	0.2	19.6					
	120	0.0	0.0	0.2	19.6					
	180	0.0	0.0	0.2	19.6					
	240									
	300									
	360									
	420									
	480									
	540									
	600									
WS06	0	0.0	0.0	0.1	19.8			1.78	4.69	H2S: 1 CO: 1
	15	0.0	0.0	0.2	19.8					
	30	0.0	0.0	0.2	19.7					
	45	0.0	0.0	0.3	19.7					
	60	0.0	0.0	0.3	19.7					
	120	0.0	0.0	0.3	19.8					
	180	0.0	0.0	0.3	19.8					
	240									
	300									
	360									
	420									
	480									
	540									
	600									
WS07	0	0.0	0.0	0.1	19.4			1.70	2.77	H2S: 1 CO: 1
	15	0.0	0.0	0.1	19.4					
	30	0.0	0.0	0.1	19.4					
	45	0.0	0.0	0.1	19.4					
	60	0.0	0.0	0.1	19.4					
	120	0.0	0.0	0.1	19.4					
	180	0.0	0.0	0.1	19.4					
	240									
	300									
	360									
	420									
	480									
	540									
	600									
WS08	0	0.0	0.0	0.1	19.9			1.51	3.88	H2S: 1 CO: 1
	15	0.0	0.0	0.3	19.7					
	30	0.0	0.0	0.4	19.7					
	45	0.0	0.0	0.4	19.7					
	60	0.0	0.0	0.4	19.7					
	120	0.0	0.0	0.4	19.6					
	180	0.0	0.0	0.4	19.6					
	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	0.0	0.1	19.9
MAX	0.0	0.0	4.7	19.9
OSV		0	0	

GAS MONITORING RECORD SHEET

JOB DETAILS
 Site: Kingsley Road, Northenden Job No: A3939
 Date: 29/04/2021 Engineer: DS
 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): 1009 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 (mbl)	Total Depth (mbl)	Comments
WS01	0	0.0	0.0	0.1	20.3	0.0	2.00	4.50	H2S: 1 CO: 1
	15	0.0	0.0	2.5	18.6				
	30	0.0	0.0	2.5	18.1				
	45	0.0	0.0	2.6	18.0				
	60	0.0	0.0	2.6	18.0				
	120	0.0	0.0	2.6	18.0				
	180	0.0	0.0	2.6	18.0				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS02	0	0.0	0.0	0.1	20.5	0.0	2.02	4.05	H2S: 0 CO: 1
	15	0.0	0.0	1.3	19.8				
	30	0.0	0.0	1.5	19.2				
	45	0.0	0.0	1.6	19.1				
	60	0.0	0.0	1.9	18.9				
	120	0.0	0.0	3.4	17.7				
	180	0.0	0.0	4.7	16.8				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS03	0	0.0	0.0	0.1	20.4	0.0	2.10	3.75	H2S: 0 CO: 1
	15	0.0	0.0	4.3	17.7				
	30	0.0	0.0	4.1	17.1				
	45	0.0	0.0	4.1	17.2				
	60	0.0	0.0	4.0	17.2				
	120	0.0	0.0	4.5	16.9				
	180	0.0	0.0	4.7	16.8				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS04	0	0.0	0.0	0.3	20.4	0.0	1.89	3.75	H2S: 1 CO: 1
	15	0.0	0.0	2.2	19.1				
	30	0.0	0.0	2.4	18.2				
	45	0.0	0.0	2.2	17.8				
	60	0.0	0.0	2.9	17.7				
	120	0.0	0.0	4.6	16.4				
	180	0.0	0.0	6.0	15.1				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS05	0	0.0	0.0	0.1	19.8	0.0	1.45	3.78	H2S: 1 CO: 1
	15	0.0	0.0	0.2	19.7				
	30	0.0	0.0	0.2	19.7				
	45	0.0	0.0	0.2	19.7				
	60	0.0	0.0	0.2	19.7				
	120	0.0	0.0	0.2	19.6				
	180	0.0	0.0	0.2	19.6				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS06	0	0.0	0.0	0.1	20.3	0.0	1.70	4.70	H2S: 1 CO: 1
	15	0.0	0.0	0.2	20.1				
	30	0.0	0.0	0.3	20.1				
	45	0.0	0.0	0.3	20.1				
	60	0.0	0.0	0.3	20.1				
	120	0.0	0.0	0.3	20.1				
	180	0.0	0.0	0.3	20.1				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS07	0	0.0	0.0	0.1	20.1	0.0	1.65	2.46	H2S: 1 CO: 1
	15	0.0	0.0	0.1	20.0				
	30	0.0	0.0	0.2	19.9				
	45	0.0	0.0	0.2	19.9				
	60	0.0	0.0	0.2	19.9				
	120	0.0	0.0	0.2	19.9				
	180	0.0	0.0	0.2	19.9				
	240								
	300								
	360								
	420								
	480								
	540								
	600								
WS08	0	0.0	0.0	0.1	20.0	0.0	1.43	3.89	H2S: 1 CO: 1
	15	0.0	0.0	0.5	19.7				
	30	0.0	0.0	0.5	19.6				
	45	0.0	0.0	0.5	19.5				
	60	0.0	0.0	0.5	19.5				
	120	0.0	0.0	0.6	19.4				
	180	0.0	0.0	0.6	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	19.1
MAX	0.0	0.0	6.0	20.1
OSV		0	0	

GROUNDWATER MONITORING RECORD SHEET

JOB DETAILS			
Site:	Kingsley Road, Northenden	Job No:	A3939
Date:	09/04/2021	Engineer:	DS
Time:	10.00	Client	
Weather:	Sunny		

MONITORING & SAMPLING DETAILS								
Well / Borehole reference:	WS01	WS04	WS05	WS06	WS08			
Monitoring details								
Groundwater depth (mbgl)	2.02	1.59	1.54	1.62	1.45			
Depth to base of well (mbgl)	4.66	3.90	3.80	4.76	3.88			
Diameter of well (mm)	50	50	50	50	50			
Condition of well	Good	Good	Good	Good	Good			
Free product thickness (m)			0.05		0.05			
Hydrocarbon sheen noted (Y/N)	N	N	N	N	N			
Purging details								
Purge method	Disposable Bailer							
Purged volume (litres)	6	6	6	9	6			
Recharge (good / poor)	Good	Good	Good	Good	Poor			
Sampling details								
Sampling method	Bailer	Bailer	Bailer	Bailer	Bailer			
Volume of water sample taken (litres)	2	2	2	2	1			
Volume of free product sample taken (litres)	-	-	-	-	-			
Colour / odours noted	Brown in colour with sediment upon sampling. No odour.	Brown in colour with sediment upon sampling. No odour.	Light brown in colour with sediment upon sampling. Foul odour.	Brown in colour with sediment upon sampling. No odour.	Brown in colour with sediment upon sampling. No odour.			

NOTES