

Project Details

Project Details

Project Name Land at Stakers Farm, North End Road, Yapton, Arundel, West Sussex, BN18 0DU

Location Land at Stakers Farm, North End Road, Yapton, Arundel, West Sussex, BN18 0DU

Project No. GE18621

Client Dandara Homes

Date 07/11/2019

Weather Light intermittent drizzle, overcast

Monitoring Visit No. 1

Engineer

 Levent Dogan

Equipment Used

☐ GFM 430

☒ GA2000

☐ Tiger 1

☐ Tiger 2

☒ Dipmeter

H2S and CO Readings
Required ☐ Yes

Geo-Environmental's Project Manager

 Levent Dogan

Monitoring Results

Results

Project No. Land at Stakers Farm, North End Road, Yapton, Arundel, West Sussex, BN18 0DU

Exploratory Hole WS02

Atmospheric Pressure (mb) 0

Peak Flow (l/hr) 0

Steady Flow (l/hr) 0

VOC (ppm)

Gas Concentrations

Time (s)	Methane (%)	Carbon dioxide (%)	Oxygen (%)
0			
10			
20			
30			
60			
90			
120			

180			
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Water Level (mbgl)	Dry
Standpipe depth (m)	4.45
Remarks	No gas tap installed - bring for next visit
Project No.	Land at Stakers Farm, North End Road, Yapton, Arundel, West Sussex, BN18 0DU
Exploratory Hole	WS09old
Atmospheric Pressure (mb)	996
Peak Flow (l/hr)	0
Steady Flow (l/hr)	0
VOC (ppm)	

Gas Concentrations

Time (s)	Methane (%)	Carbon dioxide (%)	Oxygen (%)
0	0	0	21.3
10	0	2.3	18.6
20	0	2.3	17
30	0	2.3	16.7
60	0	2.3	16.6
90	0	2.3	16.6
120	0	2.3	16.6
180	0	2.3	16.6

Water Level (mbgl)	3.72
Standpipe depth (m)	4.7
Remarks	
Project No.	Land at Stakers Farm, North End Road, Yapton, Arundel, West Sussex, BN18 0DU
Exploratory Hole	WS01
Atmospheric Pressure (mb)	0
Peak Flow (l/hr)	0
Steady Flow (l/hr)	0
VOC (ppm)	

Gas Concentrations

Time (s)	Methane (%)	Carbon dioxide (%)	Oxygen (%)
0			
10			
20			

30			
60			
90			
120			
180			

Water Level (mbgl) 3.41

Standpipe depth (m) 4.9

Remarks No gas tap - to be installed on next visit.

Project No. Land at Stakers Farm, North End Road, Yapton, Arundel, West Sussex, BN18 0DU

Exploratory Hole WS10old

Atmospheric Pressure (mb) 997

Peak Flow (l/hr) 0

Steady Flow (l/hr) 0

VOC (ppm)

Gas Concentrations

Time (s)	Methane (%)	Carbon dioxide (%)	Oxygen (%)
0	0	0	21.3
10	0	3.1	16.9
20	0	3.1	15.8
30	0	3.1	15.6
60	0	3.1	15.6
90	0	3.1	15.6
120	0	3.1	15.5
180	0	3.1	15.5

Water Level (mbgl) Dry

Standpipe depth (m) 2.93

Remarks

Project No. Land at Stakers Farm, North End Road, Yapton, Arundel, West Sussex, BN18 0DU

Exploratory Hole WS06old

Atmospheric Pressure (mb) 997

Peak Flow (l/hr) 0

Steady Flow (l/hr) 0

VOC (ppm)

Gas Concentrations

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Time (s)	Methane (%)	Carbon dioxide (%)	Oxygen (%)
0	0	0	21.3
10	0	3.1	15.3
20	0	3.1	15
30	0	3.1	14.9
60	0	3.1	14.9
90	0	3.1	14.9
120	0	3.1	14.9
180	0	3.1	14.9

Water Level (mbgl) 2.46

Standpipe depth (m) 2.75

Remarks

Project No. Land at Stakers Farm, North End Road, Yapton, Arundel, West Sussex, BN18 0DU

Exploratory Hole WS04old

Atmospheric Pressure (mb) 997

Peak Flow (l/hr) 0

Steady Flow (l/hr) 0

VOC (ppm)

Gas Concentrations

Time (s)	Methane (%)	Carbon dioxide (%)	Oxygen (%)
0	0	0	21.3
10	0	3.6	17.1
20	0	3.6	16.8
30	0	3.6	16.8
60	0	3.6	16.8
90	0	3.6	16.8
120	0	3.6	16.8
180	0	3.6	16.8

Water Level (mbgl) Dry

Standpipe depth (m) 2.95

Remarks