

NB: Positions of Boreholes are only indicative

Site: Land off Shawstead Road, Hale, Kent

STL: J13752

Fig No: 3

Date: 11 June 2019

Proposed site layout plan

## Key to Exploratory Hole Logs


### General

All soil & rock descriptions in general accordance with BS5930, BS EN ISO 14688 and BS EN ISO 14689  
The Geology Code is only provided where positive identification of the sampled strata has been made.



### Sampling

ES	Environmental Sample (taken in appropriate sampling container)
D	Disturbed Sample
B	Bulk Sample
LB	Large Bulk for Earthworks testing
C	Core Sample
U	Undisturbed Sample (number of blows indicated in results column)
SPTLS	SPT Liner Sampler
P	Piston Sample
W	Water Sample







### In situ Tests

SPT	Standard Penetration Test in accordance with BS EN ISO 22476-3
SPT (C)	Cone Penetration Test in accordance with BS EN ISO 22476-3
PT	Penetration Test - STL documented equivalent SPT N Value
PPT	Perth Penetration Test - STL in house documented method (N Value)
UCS (  )	Unconfined Compressive Strength measure by hand penetrometer (kN/m <sup>2</sup> )
IVN	Hand Vane (kPa)
PID	Photo Ionisation Detector Results (ppm)
MEXE	Mexecon CBR Result




### Drilling Records

Depth to standing water level	
Depth to water strike	
TCR	Total Core Recovery (%)
SCR	Solid Core Recovery (%)
RQD	Rock Quality Index (%)
FI	Fracture Index








### Backfill Symbols

Arisings	
Concrete	
Blacktop	
Bentonite Seal	
Gravel Filter	
Sand Filter	






### Pipe Symbols

Plain Pipe	
Slotted Pipe	
Filter Tip	

### Principal Soil Types

Topsoil	
Made Ground	
Clay	
Silt	
Sand	
Gravel	
Peat	

### Principal Rock Types

Mudstone/Claystone	
Siltstone	
Sandstone	
Limestone	
Chalk	









<b>Project Name:</b>	Land off Shawstead Road	<b>Remarks:</b>	<b>Co-ordinates:</b>	<b>Level:</b>	<b>Logger:</b>
			577497E - 164833N		NCH

<b>Location:</b>	Hale, Kent	Borehole dry.
<b>Client:</b>	KD Attwood & Partners	

Well	Water Strikes	Samples and Insitu Testing			Level (m AOD)	Thickness (m)	Legend	Depth (m bgl)	Stratum Description
		Depth (m bgl)	Type	Results					
		0.50	D			(0.50)		0.50	Crop stubble over soft dark brown gravelly CLAY. Gravel is fine to medium angular to subangular flint. (Topsoil).
		1.00	D SPT(S)	N=22 (4,3/7,7,4,4)		(0.50)		1.00	Firm to stiff light brown mottled cream silty gravelly CLAY. Gravels are fine to medium subrounded chalk and angular to subangular flint. HEAD
		1.50	D			(2.00)		1.50	Structureless CHALK recovered as cream silty putty GRAVEL with occasional orangish brown staining on gravel surfaces. Gravels are extremely weak fine to coarse subrounded chalk. LEWES NODULAR CHALK
		2.00	D SPT(S)	N=12 (4,3/4,2,3,3)				2.00	Structured cream CHALK recovered as silty gravelly chalk putty. Gravels are fine to medium extremely weak to very weak chalk. LEWES NODULAR CHALK
		2.50	D			(2.00)		2.50	
		3.00	D SPT(S)	N=14 (2,3/4,4,3,3)				3.00	
		3.50	D			(2.00)		3.50	
		4.00	D SPT(S)	N=18 (3,3/4,5,5,4)				4.00	
		4.50	D			(2.00)		4.50	
		5.00	D SPT(S)	N=16 (6,7/4,4,4,4)				5.00	End of Borehole at 5.00m

Hole Details		Casing Details		Waterstrike (m bgl)						Standing/Chiselling (m bgl)			
Depth (m bgl)	Dia. (mm)	Depth (m bgl)	Dia. (mm)	Date	Depth Strike	Depth Casing	Depth Sealed	Rose to:	Time (mins)	From	To	Time	Remarks
									0				





















**Project Name:** Land off Shawstead Road

**Remarks:** **Co-ordinates:** 577593E - 165041N  
**Level:**  
**Logger:**

**Location:** Hale, Kent

Borehole dry.

**Client:** KD Attwood & Partners

Well	Water Strikes	Samples and Insitu Testing			Level (m AOD)	Thickness (m)	Legend	Depth (m bgl)	Stratum Description
		Depth (m bgl)	Type	Results					
					(0.80)		0.80	Stiff mid brown gravelly CLAY. Gravel comprises fine to coarse angular flint (Drillers Description).	
					(4.20)		5.00	Weak white CHALK with coarse gravel to cobble sized flint (Drillers Description). LEWES NODULAR CHALK	
								End of Borehole at 5.00m	

Hole Details		Casing Details		Waterstrike (m bgl)						Standing/Chiselling (m bgl)			
Depth (m bgl)	Dia. (mm)	Depth (m bgl)	Dia. (mm)	Date	Depth Strike	Depth Casing	Depth Sealed	Rose to:	Time (mins)	From	To	Time	Remarks
									0				





# APPENDIX B

## Gas Monitoring Results

Date/ BH ID	Combined Gas Monitoring Data																			
	WLS1					WLS2					WLS3					WLS4				
	Flow	CO <sub>2</sub>		CH <sub>4</sub>		Flow	CO <sub>2</sub>		CH <sub>4</sub>		Flow	CO <sub>2</sub>		CH <sub>4</sub>		Flow	CO <sub>2</sub>		CH <sub>4</sub>	
	I/hr	%	GSV	%	GSV	I/hr	%	GSV	%	GSV	I/hr	%	GSV	%	GSV	I/hr	%	GSV	%	GSV
08/12/2018	0.1	1.8	0.00	0.1	0.00	0.1	1.1	0.00	0	0.00	0.1	0	0.00	0	0.00	0.1	0.0	0.00	0.0	0.00
14/12/2018	-0.5	1.9	-0.01	0	0.00	-0.5	1.5	-0.01	0	0.00	-0.5	2.5	-0.01	0	0.00	-0.5	0.3	0.00	0.0	0.00
09/01/2019	0.1	1.3	0.00	0	0.00	0.1	1.3	0.00	0	0.00	-1.3	2.4	-0.03	0	0.00	-0.2	3.1	-0.01	0.0	0.00
23/01/2019	0.1	1.4	0.00	0	0.00	0.1	1.7	0.00	0	0.00	-3	2.2	-0.07	0	0.00	-3.1	0	0.00	0.0	0.00
08/02/2019	-0.9	0.6	-0.01	0	0.00	0.1	1.6	0.00	0	0.00	0.1	2.1	0.00	0	0.00	0.1	4.7	0.00	0.0	0.00
20/02/2019	0.1	1.3	0.00	0	0.00	-4	1.2	-0.05	0	0.00	0.1	2.2	0.00	0	0.00	0.1	5.5	0.01	0.0	0.00
06/03/2019	0.1	0.1	0.00	0	0.00	1	1.2	0.01	0	0.00	0.1	2	0.00	0	0.00	-3.7	12.2	-0.45	11.6	-0.43
22/03/2019	0.1	1.3	0.00	0	0.00	0.1	1	0.00	0	0.00	0.1	2.2	0.00	0	0.00	0.1	5.9	0.01	0.0	0.00
04/04/2019	0.1	1	0.00	0	0.00	-0.2	1.4	0.00	2.2	0.00	-0.7	2.4	-0.02	0	0.00	-0.7	7.9	-0.06	2.4	-0.02
17/04/2019	0.1	1	0.00	0	0.00	0.1	1.6	0.00	0	0.00	0.1	2.6	0.00	0	0.00	0.1	4	0.00	0.0	0.00
29/04/2019	0.1	0.8	0.00	0	0.00	0.1	1.8	0.00	0	0.00	0.1	2.9	0.00	0	0.00	0.1	4.1	0.00	0.0	0.00
15/05/2019	0.1	1.3	0.00	0	0.00	0.1	1.8	0.00	0	0.00	0.1	2.5	0.00	0	0.00	0.1	4.3	0.00	0.0	0.00
15/10/2019	0.1	2.3	0.00	0	0.00	0.1	1.9	0.00	0	0.00	0.1	2.7	0.00	0	0.00	0.1	1.7	0.00	0.0	0.00
31/10/2019	0.1	1.6	0.00	0	0.00	0.1	2.5	0.00	0	0.00	0.1	3.1	0.00	0	0.00	0.1	2.9	0.00	0.0	0.00
13/11/2019	0.1	0.9	0.00	0	0.00	0.1	1.7	0.00	0	0.00	0.1	2.7	0.00	0	0.00	0.1	3.2	0.00	0.0	0.00
28/11/2019	0.1	2.8	0.00	0	0.00	0.1	2.1	0.00	0	0.00	0.1	3.5	0.00	0	0.00	0.1	4.1	0.00	0.0	0.00
16/12/2019	0.1	2.1	0.00	0	0.00	0.1	1.9	0.00	0	0.00	0.1	4.1	0.00	0	0.00	0.1	2.8	0.00	0.0	0.00
02/01/2020	2.4	2	0.05	0	0.00	2.1	1.5	0.03	0	0.00	2	3	0.06	0	0.00	80.7	2	1.61	0.0	0.00
13/01/2020	0.1	3.6	0.00	0	0.00	0.1	2.2	0.00	0	0.00	0.1	2.8	0.00	0	0.00	0.1	3.1	0.00	0.0	0.00
28/01/2020	1.3	0.8	0.01	0	0.00	1.3	1.6	0.02	0	0.00	2.1	2.1	0.04	0	0.00	1.6	0.5	0.01	0.0	0.00

Date/ BH ID	Combined Gas Monitoring Data																			
	WLS5					WLS6					WLS7					WLS8				
	Flow	CO <sub>2</sub>		CH <sub>4</sub>		Flow	CO <sub>2</sub>		CH <sub>4</sub>		Flow	CO <sub>2</sub>		CH <sub>4</sub>		Flow	CO <sub>2</sub>		CH <sub>4</sub>	
	l/hr	%	GSV	%	GSV	l/hr	%	GSV	%	GSV	l/hr	%	GSV	%	GSV	l/hr	%	GSV	%	GSV
08/12/2018	0.1	2.4	0.00	0	0.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14/12/2018	-0.5	2.7	-0.01	0	0.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09/01/2019	-1.8	2.4	-0.04	0	0.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23/01/2019	-1.3	2.2	-0.03	0	0.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08/02/2019	0.1	2.1	0.00	0	0.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20/02/2019	0.1	1.9	0.00	0	0.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06/03/2019	0.1	2.1	0.00	0	0.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22/03/2019	0.1	1.8	0.00	0	0.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04/04/2019	0.1	2	0.00	0	0.00	2.5	5.1	0.13	7.9	0.20	3.6	987	1.1	0.04	0.0	1.5	2.1	0.03	0.0	0.00
17/04/2019	0.1	1.7	0.00	0	0.00	0.1	0.7	0.00	0.0	0.00	0.1	1005	0.9	0.00	0.0	0.1	4.3	0.00	0.0	0.00
29/04/2019	0.1	2	0.00	0	0.00	0.1	1	0.00	0.0	0.00	0.1	1015	1.2	0.00	0.0	0.1	2	0.00	0.0	0.00
15/05/2019	0.1	2	0.00	0	0.00	0.1	2.6	0.00	0.0	0.00	0.1	1014	1.5	0.00	0.0	0.1	4.5	0.00	0.0	0.00
15/10/2019	0.1	3.1	0.00	0	0.00	0.1	1.4	0.00	0.0	0.00	0.1	1011	2.8	0.00	0.0	0.1	3.4	0.00	0.0	0.00
31/10/2019	0.1	2	0.00	0	0.00	0.1	1.6	0.00	0.0	0.00	0.1	1010	1.2	0.00	0.0	0.1	4.3	0.00	0.0	0.00
13/11/2019	0.1	2.1	0.00	0	0.00	0.1	0.8	0.00	0.0	0.00	0.1	998	1	0.00	0.0	0.1	0.7	0.00	0.0	0.00
28/11/2019	0.1	2.5	0.00	0	0.00	0.1	1.8	0.00	0.0	0.00	0.1	996	1.3	0.00	0.0	0.1	0.9	0.00	0.0	0.00
16/12/2019	0.1	3.7	0.00	0	0.00	0.1	1.8	0.00	0.0	0.00	0.1	1000	1.9	0.00	0.0	0.1	1.2	0.00	0.0	0.00
02/01/2020	0.1	3	0.00	0	0.00	24.8	1.5	0.37	0.0	0.00	0.1	1015	1.3	0.00	0.0	0.1	1	0.00	0.0	0.00
13/01/2020	0.1	5.1	0.01	0	0.00	0.1	2	0.00	0.0	0.00	0.1	1009	1.7	0.00	0.0	0.1	2.1	0.00	0.0	0.00
28/01/2020	3.4	1.9	0.06	0	0.00	0.8	1.9	0.02	0.0	0.00	1.6	985	0.9	0.01	0.0	2	3.2	0.06	0.0	0.00



Date/ BH ID	Combined Gas Monitoring Data																			
	WLS9					WLS10					WLS11					WLS12				
	Flow		CO <sub>2</sub>		CH <sub>4</sub>	Flow		CO <sub>2</sub>		CH <sub>4</sub>	Flow		CO <sub>2</sub>		CH <sub>4</sub>	Flow		CO <sub>2</sub>		CH <sub>4</sub>
	I/hr	%	GSV	%	GSV	I/hr	%	GSV	%	GSV	I/hr	%	GSV	%	GSV	I/hr	%	GSV	%	GSV
08/12/2018	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14/12/2018	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09/01/2019	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23/01/2019	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08/02/2019	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20/02/2019	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06/03/2019	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22/03/2019	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04/04/2019	1.8	2.2	0.04	0.1	0.00	1	1.7	0.02	0	0.00	0.1	0.1	0.00	0	0.00	-0.3	0.7	0.00	0.0	0.00
17/04/2019	0.1	1.2	0.00	0	0.00	0.1	1.3	0.00	0	0.00	0.1	1	0.00	0	0.00	0.1	0.8	0.00	0.0	0.00
29/04/2019	0.1	0.6	0.00	0	0.00	0.1	0.4	0.00	0	0.00	0.1	0.5	0.00	0	0.00	0.1	0.4	0.00	0.0	0.00
15/05/2019	0.1	2	0.00	0	0.00	0.1	1.5	0.00	0	0.00	0.1	2	0.00	0	0.00	0.1	1.6	0.00	0.0	0.00
15/10/2019	0.1	2.1	0.00	0	0.00	0.1	3.7	0.00	0	0.00	0.1	1.4	0.00	0	0.00	0.1	2.8	0.00	0.0	0.00
31/10/2019	0.1	1.5	0.00	0	0.00	0.1	6	0.01	0	0.00	0.1	3.4	0.00	0	0.00	0.1	2.8	0.00	0.0	0.00
13/11/2019	0.1	0.4	0.00	0	0.00	0.1	0.3	0.00	0	0.00	0.1	0.5	0.00	0	0.00	0.1	0.5	0.00	0.0	0.00
28/11/2019	0.1	1.2	0.00	0	0.00	0.1	2.1	0.00	0	0.00	0.1	2.3	0.00	0	0.00	0.1	1.7	0.00	0.0	0.00
16/12/2019	0.1	0.9	0.00	0	0.00	0.1	1.1	0.00	0	0.00	0.1	0.9	0.00	0	0.00	0.1	1.2	0.00	0.0	0.00
02/01/2020	0.1	0.5	0.00	0	0.00	0.1	1	0.00	0	0.00	0.1	0.6	0.00	0	0.00	0.1	0.9	0.00	0.0	0.00
13/01/2020	0.1	1.2	0.00	0	0.00	0.1	1.6	0.00	0	0.00	0.1	1.8	0.00	0	0.00	0.1	2.8	0.00	0.0	0.00
28/01/2020	3.4	2.5	0.09	0	0.00	3.1	0.9	0.03	0	0.00	1.6	1	0.02	0	0.00	0.1	2	0.00	0.0	0.00

Date/ BH ID	Combined Gas Monitoring Data														
	WLS13					WLS14					WLS15				
	Flow	CO <sub>2</sub>		CH <sub>4</sub>		Flow	CO <sub>2</sub>		CH <sub>4</sub>		Flow	CO <sub>2</sub>		CH <sub>4</sub>	
	l/hr	%	GSV	%	GSV	l/hr	%	GSV	%	GSV	l/hr	%	GSV	%	GSV
08/12/2018	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14/12/2018	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09/01/2019	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23/01/2019	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08/02/2019	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20/02/2019	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06/03/2019	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22/03/2019	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04/04/2019	-0.7	2.4	-0.02	0	0.00	-5	0.3	-0.02	0	0.000	1.5	1	0.02	0	0.00
17/04/2019	0.1	0.8	0.00	0	0.00	0.1	1.1	0.00	0	0.000	0.1	0.6	0.00	0	0.00
29/04/2019	0.1	0.6	0.00	0	0.00	0.1	1.3	0.00	0	0.000	0.1	0.1	0.00	0	0.00
15/05/2019	0.1	1.6	0.00	0	0.00	0.1	1.5	0.00	0	0.000	0.1	0.7	0.00	0	0.00
15/10/2019	0.1	2.1	0.00	0	0.00	0.1	2.7	0.00	0	0.000	0.1	1.8	0.00	0	0.00
31/10/2019	0.1	4.3	0.00	0	0.00	0.1	4	0.00	0	0.000	0.1	2.8	0.00	0	0.00
13/11/2019	0.1	0.6	0.00	0	0.00	0.1	1	0.00	0	0.000	0.1	0.1	0.00	0	0.00
28/11/2019	0.1	1.8	0.00	0	0.00	0.1	2.6	0.00	0	0.000	0.1	1.9	0.00	0	0.00
16/12/2019	0.1	1.1	0.00	0	0.00	0.1	1.5	0.00	0	0.000	0.1	1.9	0.00	0	0.00
02/01/2020	0.1	0.8	0.00	0	0.00	0.1	1.3	0.00	0	0.000	0.1	1.1	0.00	0	0.00
13/01/2020	0.1	2.1	0.00	0	0.00	0.1	1.6	0.00	0	0.000	0.1	1.7	0.00	0	0.00
28/01/2020	3.3	1.5	0.05	0	0.00	4.8	1.5	0.07	0	0.000	3	0.8	0.02	0	0.00

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 04-Dec-18	Project No: J13752
Client: K D Attwood & Partners	Operative: Taa/ss	Day of the week: Tuesday	

Land Gas Data					Groundwater Data					Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks
		ppm	mb	l/hr											
WLS1	1015 3 degrees	P	0.0	0.0	P	0.0	1.8	16.9	0.0	0.0	5.74	DRY	0.70	Cold, clear dry day	
		S	0.0	0.0	S	0.0	1.8	16.9	0.0	0.0					
		Time Of Readings: 9:28 9:24				Time Of Readings: 9:27				Time Of Readings: 9:30					
WLS2	1013 3 degrees	P	0.0	0.0	P	0.0	1.1	17.8	0.0	0.0	5.73	DRY	0.66	Cold, clear dry day	
		S	0.0	0.0	S	0.0	1.1	17.9	0.0	0.0					
		Time Of Readings: 9:32				Time Of Readings: 9:35				Time Of Readings: 9:37					
WLS3	1013 3 degrees	P	0.0	0.0	P	0.0	0.0	16.7	0.0	0.0	5.68	DRY	0.60	Cold, clear dry day	
		S	0.0	0.0	S	0.0	0.0	16.7	0.0	0.0					
		Time Of Readings: 9:40				Time Of Readings: 9:43				Time Of Readings: 9:45					
WLS4	1014 3 degrees	P	-1.0	-0.2	P	0.0	0.0	20.3	0.0	0.0	5.66	DRY	0.78	Cold, clear dry day	
		S	-1.0	-0.2	S	0.0	0.0	20.3	0.0	0.0					
		Time Of Readings: 10:00				Time Of Readings: 10:03				Time Of Readings: 10:05					
WLS5	1015 3 degrees	P	-1.0	-0.1	P	0.0	2.4	16.9	0.0	0.0	5.72	DRY	0.76	Cold, clear dry day	
		S	-1.0	-0.1	S	0.0	2.4	16.9	0.0	0.0					
		Time Of Readings: 10:10				Time Of Readings: 10:13				Time Of Readings: 10:15					
		P			P										
		S			S										
		Time Of Readings:				Time Of Readings:				Time Of Readings:					

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 14-Dec-18	Project No: J13752
Client: K D Attwood & Partners	Operative: JMW	Day of the week: Friday	

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	mb	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS1	0°, 1022mb	P	0.1	-2.0	-0.5	P	0.0	1.9	17.4	0.0	0.0	5.77	Dry	0.70	/	Dry, ground frost	/
		S	0.1	-2.0	-0.5	S	0.0	1.9	17.4	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			09:47			09:48			09:53								
WLS2	0°, 1021mb	P	0.1	-1.0	-0.5	P	0.0	1.5	17.8	0.0	0.0	5.72	Dry	0.66	/	Dry, ground frost	/
		S	0.1	-1.0	-0.5	S	0.0	1.5	17.8	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			09:55			09:56			10:01								
WLS3	0°, 1020mb	P	0.0	-2.0	-0.5	P	0.0	2.5	16.3	0.0	0.0	5.70	Dry	0.60	/	Dry, ground frost	/
		S	0.0	-2.0	-0.4	S	0.0	2.5	16.3	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			10:04			10:05			10:11								
WLS4	0°, 1019mb	P	0.0	-2.0	-0.5	P	0.0	0.3	19.7	0.0	0.0	5.77	Dry	0.78	/	Dry, ground frost	/
		S	0.0	-2.0	-0.5	S	0.0	0.3	19.7	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			10:18			10:19			10:24								
WLS5	0°, 1019mb	P	0.0	-2.0	-0.5	P	0.0	2.7	16.9	0.0	0.0	5.74	Dry	0.76	/	Dry, ground frost	/
		S	0.0	-2.0	-0.5	S	0.0	2.7	16.9	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			10:26			10:27			10:32								
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 09-Jan-19	Project No: J13752
Client: K D Attwood & Partners	Operative: OS	Day of the week: Wednesday	

Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	Land Gas Data					Groundwater Data					Remarks					
		PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	mb	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS1	1022 5 Degrees	P	0.1	0.0	0.0	P	0.0	1.3	19.1	0.0	0.0	5.75	dry	0.70		dry, overcast, windy	
		S	0.1	0.0	0.0	S	0.0	1.3	19.1	0.0	0.0						
		Time Of Readings:		10:49		10:43		Time Of Readings:		10:44		10:47		Time Of Readings:			
WLS2	1022 5 Degrees	P	0.0	0.0	-0.1	P	0.0	1.3	19.1	0.0	0.0	5.71	dry	0.67		dry, overcast, windy	
		S	0.0	0.0	0.0	S	0.0	1.3	19.1	0.0	0.0						
		Time Of Readings:		10:59		10:53		Time Of Readings:		10:54		10:57		Time Of Readings:			
WLS3	1021 5 Degrees	P	0.1	-5.0	-1.3	P	0.0	2.4	17.3	0.0	0.0	5.70	Dry	0.60		dry, overcast, windy	
		S	0.1	0.0	0.0	S	0.0	2.4	17.3	0.0	0.0						
		Time Of Readings:		11:11		11:05		Time Of Readings:		11:06		11:09		Time Of Readings:			
WLS4	1021 5 Degrees	P	0.0	-0.1	-0.2	P	0.0	3.1	16.6	0.0	0.0	5.76	dry	0.80		dry, overcast, windy	
		S	0.0	0.0	0.0	S	0.0	3.1	16.6	0.0	0.0						
		Time Of Readings:		11:32		11:25		Time Of Readings:		11:27		11:30		Time Of Readings:			
WLS5	1021 5 Degrees	P	0.0	-6.0	-1.8	P	0.0	2.4	17.8	0.0	0.0	5.72	dry	0.80		dry, overcast, windy	
		S	0.0	0.0	0.0	S	0.0	2.4	17.8	0.0	0.0						
		Time Of Readings:		11:42		11:37		Time Of Readings:		11:38		11:41		Time Of Readings:			
		P				P											
		S				S											
		Time Of Readings:						Time Of Readings:						Time Of Readings:			

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 23-Jan-19	Project No: J13752
Client: K D Attwood & Partners	Operative: OS	Day of the week: Wednesday	

Land Gas Data					Groundwater Data					Remarks						
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	mb	l/hr												%
WLS1	993 3 Degrees	P	0.0	0.0	0.0	P	0.0	1.4	19.4	0.0	0.0	5.75	DRY	0.70	sunny, cold damp ground	
		S	0.0	0.0	0.0	S	0.0	1.4	19.4	0.0	0.0					
		Time Of Readings:		11:01		10:56		Time Of Readings:		10:57		11:00		Time Of Readings:		
WLS2	992 3 Degrees	P	0.1	0.0	0.0	P	0.0	1.7	17.9	0.0	0.0	5.62	DRY	0.68	sunny, cold damp ground	
		S	0.1	0.0	0.0	S	0.0	1.7	17.9	0.0	0.0					
		Time Of Readings:		11:13		11:06		Time Of Readings:		11:08		11:11		Time Of Readings:		
WLS3	992 3 Degrees	P	0.3	-13.0	-3.0	P	0.0	2.2	17.1	0.0	0.0	5.68	DRY	0.60	sunny, cold damp ground	
		S	0.0	0.0	0.0	S	0.0	2.2	17.1	0.0	0.0					
		Time Of Readings:		11:25		11:20		Time Of Readings:		11:21		11:24		Time Of Readings:		
WLS4	992 3 Degrees	P	0.0	-7.0	-3.1	P	0.0	0.0	19.3	0.0	0.0	5.76	DRY	0.80	sunny, cold damp ground	
		S	0.0	0.0	0.0	S	0.0	0.0	20.0	0.0	0.0					
		Time Of Readings:		11:42		11:35		Time Of Readings:		11:37		11:40		Time Of Readings:		
WLS5	994 3 Degrees	P	0.1	-5.0	-1.3	P	-0.1	2.2	17.8	0.0	0.0	5.72	DRY	0.80	sunny, cold damp ground	
		S	0.0	0.0	0.0	S	-0.1	2.2	17.8	0.0	0.0					
		Time Of Readings:		11:55		11:47		Time Of Readings:		11:49		11:52		Time Of Readings:		
		P				P										
		S				S										
		Time Of Readings:						Time Of Readings:						Time Of Readings:		

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By



Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 08-Feb-19	Project No: J13752
Client: K D Attwood & Partners	Operative: JMW	Day of the week: Friday	

Land Gas Data					Groundwater Data					Remarks							
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks		
		ppm	mb	l/hr												%	%
WLS1	9°, 1001mb	P	0.0	0.0	-0.9	P	0.0	0.6	19.9	0.0	0.0	5.75	Dry	0.70	/	Dry, sunny, windy	/
		S	0.0	0.0	0.0	S	0.0	0.6	19.8	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
16:20			16:21			16:26											
WLS2	9°, 1000mb	P	0.0	0.0	0.0	P	0.0	1.6	18.3	0.0	0.0	5.72	Dry	0.65	/	Dry, sunny, windy	/
		S	0.0	0.0	0.0	S	0.0	1.6	18.3	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
16:12			16:13			16:18											
WLS3	9°, 1000mb	P	0.0	0.0	0.0	P	0.0	2.1	16.9	0.0	0.0	5.68	Dry	0.59	/	Dry, sunny, windy	/
		S	0.0	0.0	0.0	S	0.0	2.1	16.9	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
16:05			16:06			16:11											
WLS4	9°, 998mb	P	0.0	0.0	0.0	P	0.0	4.7	13.4	0.0	0.0	5.76	Dry	0.78	/	Dry, sunny, windy	/
		S	0.0	0.0	0.0	S	0.0	4.6	13.4	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
15:40			15:31			15:36											
WLS5	9°, 998mb	P	0.0	0.0	0.0	P	0.0	2.1	18.5	0.0	0.0	5.71	Dry	0.77	/	Dry, sunny, windy	/
		S	0.0	0.0	0.0	S	0.0	2.0	18.5	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
15:40			15:41			15:46											
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 20-Feb-19	Project No: J13752
Client: K D Attwood & Partners	Operative: OS/LW	Day of the week: Wednesday	

Land Gas Data					Groundwater Data					Remarks						
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr												%
WLS1	1013 10 Degrees	P	0.3	0.0	0.0	P	0.0	1.3	19.1	0.0	0.0	5.65	dry	0.70	Dry,sunny	
		S	0.2	0.0	0.0	S	0.0	1.3	19.1	0.0	0.0					
		Time Of Readings:		11:17		11:12		Time Of Readings:		11:13		11:16		Time Of Readings:		
WLS2	1013 10 Degrees	P	0.3	-20.0	-4.0	P	0.0	1.2	18.9	0.0	0.0	5.71	dry	0.68	Dry,sunny	
		S	0.2	-7.0	-1.8	S	0.0	1.2	18.9	0.0	0.0					
		Time Of Readings:		11:28		11:22		Time Of Readings:		11:23		11:26		Time Of Readings:		
WLS3	1012 10 Degrees	P	0.5	0.0	0.0	P	0.0	2.2	17.1	0.0	0.0	5.68	dry	0.60	Dry,sunny	
		S	0.2	0.0	0.0	S	0.0	2.1	17.1	0.0	0.0					
		Time Of Readings:		11:32		11:35		Time Of Readings:		11:36		11:39		Time Of Readings:		
WLS4	1012 10 Degrees	P	0.1	0.0	0.0	P	0.0	5.5	11.6	0.0	0.0	5.76	dry	0.80	Dry,sunny	
		S	0.1	0.0	0.0	S	0.0	5.5	11.6	0.0	0.0					
		Time Of Readings:		11:56		11:50		Time Of Readings:		11:51		11:54		Time Of Readings:		
WLS5	1011 10 Degrees	P	0.3	0.0	0.0	P	0.0	1.9	18.5	0.0	0.0	5.71	dry	0.80	Dry,sunny	
		S	0.2	0.0	0.0	S	0.0	1.9	18.5	0.0	0.0					
		Time Of Readings:		12:10		12:03		Time Of Readings:		12:05		12:08		Time Of Readings:		
		P				P										
		S				S										
		Time Of Readings:						Time Of Readings:						Time Of Readings:		

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 06-Mar-19	Project No: J13752
Client: K D Attwood & Partners	Operative: OS	Day of the week: Wednesday	

Land Gas Data										Groundwater Data			Remarks			
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL			
WLS1	982 12 Degrees	P	0.2	-0.2	0.0	P	0.0	0.1	19.6	0.0	5.65	dry	0.70		Cloudy damp ground	Bung taken out, put back in and left for 1 hour before monitoring
		S	0.2	0.0	0.0	S	0.0	0.1	20.0	0.0						
		Time Of Readings:		Time Of Readings:		Time Of Readings:										
		11:46	11:40			11:41	11:44				11:47					
WLS2	984 12 Degrees	P	0.3	-0.3	1.0	P	0.0	1.2	18.7	0.0	5.71	dry	0.67		Cloudy damp ground	
		S	0.2	0.0	0.0	S	0.0	1.2	18.7	0.0						
		Time Of Readings:		Time Of Readings:		Time Of Readings:										
		10:46	10:40			10:41	10:44				10:47					
WLS3	983 12 Degrees	P	0.5	0.0	0.0	P	0.0	2.0	15.7	0.0	5.68	dry	0.60		Cloudy damp ground	
		S	0.2	0.0	0.0	S	0.0	2.0	15.7	0.0						
		Time Of Readings:		Time Of Readings:		Time Of Readings:										
		11:00	10:55			10:56	10:59				11:02					
WLS4	982 12 Degrees	P	0.2	-15.0	-3.7	P	11.6	12.2	0.1	0.0	5.76	dry	0.80		Cloudy damp ground	
		S	0.2	0.0	0.0	S	11.6	12.0	0.4	0.0						
		Time Of Readings:		Time Of Readings:		Time Of Readings:										
		11:24	11:15			11:18	11:21				11:25					
WLS5	982 12 Degrees	P	0.2	0.0	0.0	P	0.0	2.1	18.4	0.0	5.71	dry	0.80		Cloudy damp ground	
		S	0.1	0.0	0.0	S	0.0	2.1	18.4	0.0						
		Time Of Readings:		Time Of Readings:		Time Of Readings:										
		11:35	11:30			11:31	11:34				11:36					
		P				P										
		S				S										
		Time Of Readings:		Time Of Readings:		Time Of Readings:										

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 22-Mar-19	Project No: J13752
Client: K D Attwood & Partners	Operative: JMW	Day of the week: Friday	

Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	Land Gas Data					Groundwater Data					Remarks					
		PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS1	1023mb, 9°C	P	0.1	0.0	0.0	P	0.0	1.3	19.1	0.0	0.0	5.92	Dry	0.70	/	Dry, overcast	/
		S	0.1	0.0	0.0	S	0.0	1.3	19.1	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			09:30			09:31			09:36								
WLS2	1024mb, 9°C	P	0.2	0.0	0.0	P	0.0	1.0	19.0	0.0	0.0	5.71	Dry	0.66	/	Dry, overcast	/
		S	0.1	0.0	0.0	S	0.0	1.0	19.0	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			09:58			09:59			10:06								
WLS3	1023mb, 9°C	P	0.2	0.0	0.0	P	0.0	2.2	15.7	0.0	0.0	5.70	Dry	0.60	/	Dry, overcast	/
		S	0.1	0.0	0.0	S	0.0	2.2	15.7	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			09:38			09:39			09:44								
WLS4	1022mb, 9°C	P	0.1	0.0	0.0	P	0.0	5.9	15.3	0.0	0.0	5.75	Dry	0.78	/	Dry, overcast	/
		S	0.1	0.0	0.0	S	0.0	5.7	15.3	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			10:13			10:14			10:19								
WLS5	1023mb, 9°C	P	0.0	0.0	0.0	P	0.0	1.8	18.3	0.0	0.0	5.70	Dry	0.76	/	Dry, overcast	/
		S	0.0	0.0	0.0	S	0.0	1.8	18.3	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			10:25			10:26			10:31								
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 04-Apr-19	Project No: J13752
Client: K D Attwood & Partners	Operative: SS	Day of the week: Thursday	

Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	Land Gas Data					Groundwater Data					Remarks					
		PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS1	989mb	P	0.1	-1.0	0.0	P	0.0	1.0	19.1	0.0	0.0				/	Overcast, dry	/
		S	2.0	-1.0	0.0	S	0.0	1.0	19.1	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			08:40			08:41			08:46								
WLS2	987mb	P	0.1	0.0	-0.2	P	2.2	1.4	2.7	0.0	0.0				/	Overcast, dry	/
		S	0.1	0.0	0.0	S	2.2	1.4	2.7	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			08:33			08:34			08:39								
WLS3	988mb	P	0.2	-2.0	-0.7	P	0.0	2.4	16.0	0.0	0.0				/	Overcast, dry	/
		S	0.1	0.0	-0.6	S	0.0	2.4	16.1	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			09:20			09:21			09:26								
WLS4	987mb	P	0.2	23.0	-0.7	P	2.4	7.9	0.5	0.0	0.0				/	Overcast, dry	/
		S	0.2	0.0	0.0	S	2.2	7.1	0.0	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			10:24			10:25			10:30								
WLS5	988mb	P	0.2	0.0	0.0	P	0.0	2.0	17.7	0.0	0.0				/	Overcast, dry	/
		S	0.2	0.0	0.0	S	0.0	2.0	17.7	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			11:15			11:16			11:21								
WLS6	987mb	P	0.1	10.0	2.5	P	7.9	5.1	2.1	0.0	0.0				/	Overcast, dry	/
		S	0.1	0.0	2.5	S	7.8	5.1	2.1	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			11:05			11:06			11:11								

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 04-Apr-19	Project No: J13752
Client: K D Attwood & Partners	Operative: SS	Day of the week: Thursday	

Land Gas Data					Groundwater Data					Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks
		ppm	Pa	l/hr											
WLS7	987mb	P	0.5	0.0	3.6	P	0.0	1.1	18.4	0.0	0.0		/	Overcast, dry	/
		S	0.5	0.0	0.0	S	0.0	1.1	18.4	0.0	0.0				
		Time Of Readings:			Time Of Readings:			Time Of Readings:							
			11:34			11:35			11:40						
WLS8	987mb	P	0.4	0.0	1.5	P	0.0	2.1	14.4	0.0	0.0		/	Overcast, dry	/
		S	0.4	0.0	0.0	S	0.0	2.1	14.4	0.0	0.0				
		Time Of Readings:			Time Of Readings:			Time Of Readings:							
			10:14			10:15			10:20						
WLS9	986mb	P	2.5	6.0	1.8	P	0.0	2.2	17.1	0.0	0.0		/	Overcast, dry	/
		S	2.4	5.0	1.7	S	0.0	2.2	17.1	0.0	0.0				
		Time Of Readings:			Time Of Readings:			Time Of Readings:							
			12:05			12:06			12:11						
WLS10	988mb	P	0.8	0.0	1.0	P	0.0	1.7	15.1	0.0	0.0		/	Overcast, dry	/
		S	0.8	0.0	0.0	S	0.0	1.7	15.1	0.0	0.0				
		Time Of Readings:			Time Of Readings:			Time Of Readings:							
			10:05			10:06			10:11						
WLS11	987mb	P	0.1	0.0	0.0	P	0.0	0.1	19.7	0.0	0.0		/	Overcast, dry	/
		S	0.0	0.0	0.0	S	0.0	0.0	20.0	0.0	0.0				
		Time Of Readings:			Time Of Readings:			Time Of Readings:							
			09:20			09:21			09:26						
WLS12	986mb	P	0.6	-1.0	-0.3	P	0.0	0.7	2.7	0.0	0.0		/	Overcast, dry	/
		S	0.6	-1.0	-0.3	S	0.0	0.7	2.7	0.0	0.0				
		Time Of Readings:			Time Of Readings:			Time Of Readings:							
			09:13			09:14			09:19						

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By



Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 04-Apr-19	Project No: J13752
Client: K D Attwood & Partners	Operative:	Day of the week: Thursday	

Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	Land Gas Data					Groundwater Data					Remarks					
		PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS13	988mb	P	0.2	-2.0	-0.7	P	0.0	2.4	16.0	0.0	0.0				/	Overcast, dry	/
		S	0.1	0.0	-0.6	S	0.0	2.4	16.0	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			09:20			09:21			09:26								
WLS14	988mb	P	0.2	-10.0	-5.0	P	0.0	0.3	19.8	0.0	0.0				/	Overcast, dry	/
		S	0.2	-8.0	-2.0	S	0.0	0.3	20.2	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			09:34			09:35			09:40								
WLS15	988mb	P	0.2	-2.0	1.5	P	0.0	1.0	18.9	0.0	0.0				/	Overcast, dry	/
		S	0.2	-2.0	1.0	S	0.0	0.6	18.9	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			08:33			08:34			08:36								
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 17-Apr-19	Project No: J13752
Client: K D Attwood & Partners	Operative: OS	Day of the week: Wednesday	

Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	Land Gas Data					Groundwater Data					Remarks					
		PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS01	1012 11 Degrees	P	0.2	0.0	0.0	P	0.0	1.0	19.2	0.0	0.0	5.88	dry	0.85		sunny, dry	
		S	0.2	0.0	0.0	S	0.0	1.0	14.2	0.0	0.0						
		Time Of Readings:		10:41		10:36	Time Of Readings:		10:37		10:40	Time Of Readings:		10:45			
WLS02	1011 11 Degrees	P	0.0	0.0	0.0	P	0.0	1.6	14.3	0.0	0.0	5.73	dry	0.67		sunny, dry	
		S	0.0	0.0	0.0	S	0.0	1.6	14.3	0.0	0.0						
		Time Of Readings:		11:07		11:00	Time Of Readings:		11:02		11:05	Time Of Readings:		11:09			
WLS03	1009 11 Degrees	P	0.4	0.0	0.0	P	0.0	2.6	16.9	0.0	0.0	5.69	dry	0.60		sunny, dry	
		S	0.2	0.0	0.0	S	0.0	2.6	16.9	0.0	0.0						
		Time Of Readings:		11:29		11:23	Time Of Readings:		11:24		11:27	Time Of Readings:		11:30			
WLS04	1007 11 Degrees	P	0.1	0.0	0.0	P	0.0	4.0	12.0	0.0	0.0	5.76	dry	0.83		sunny, dry	
		S	0.1	0.0	0.0	S	0.0	3.8	13.8	0.0	0.0						
		Time Of Readings:		12:37		12:32	Time Of Readings:		12:33		12:36	Time Of Readings:		12:39			
WLS05	1006 11 Degrees	P	0.4	0.0	0.0	P	0.0	1.7	18.5	0.0	0.0	5.82	dry	0.78		sunny, dry	
		S	0.3	0.0	0.0	S	0.0	1.7	18.5	0.0	0.0						
		Time Of Readings:		12:59		12:53	Time Of Readings:		12:55		12:58	Time Of Readings:		13:00			
WLS06	1007 11 Degrees	P	0.4	0.0	0.0	P	0.0	0.7	20.1	0.0	0.0	5.75	fry	0.80		sunny, dry	
		S	0.3	0.0	0.0	S	0.0	0.7	20.5	0.0	0.0						
		Time Of Readings:		12:49		12:43	Time Of Readings:		12:44		12:47	Time Of Readings:		12:50			

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 17-Apr-19	Project No: J13752
Client: K D Attwood & Partners	Operative: OS	Day of the week: Wednesday	

Land Gas Data						Groundwater Data						Remarks				
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL			
WLS07	1005 11 Degrees	P	0.7	0.0	0.0	P	0.0	0.9	20.8	0.0	0.0	5.82	dry	0.80	Sunny, dry	
		S	0.7	0.0	0.0	S	0.0	0.9	20.8	0.0	0.0					
		Time Of Readings:		13:10		13:04		Time Of Readings:		13:05		13:08		Time Of Readings:		
WLS08	1009 11 Degrees	P	1.7	0.0	0.0	P	0.0	4.3	8.0	0.0	0.0	5.80	dry	0.82	Sunny, dry	
		S	1.7	0.0	0.0	S	0.0	4.3	8.0	0.0	0.0					
		Time Of Readings:		12:26		12:20		Time Of Readings:		12:21		12:24		Time Of Readings:		
WLS09	1005 11 Degrees	P	0.7	0.0	0.0	P	0.0	1.2	20.0	0.0	0.0	5.89	dry	0.84	Sunny, dry	
		S	0.7	0.0	0.0	S	0.0	1.2	20.0	0.0	0.0					
		Time Of Readings:		13:22		13:16		Time Of Readings:		13:17		13:20		Time Of Readings:		
WLS10	1008 11 Degrees	P	0.9	0.0	0.0	P	0.0	1.3	18.9	0.0	0.0	5.87	dry	0.76	Sunny, dry	
		S	0.8	0.0	0.0	S	0.0	1.2	18.9	0.0	0.0					
		Time Of Readings:		12:15		12:10		Time Of Readings:		12:11		12:14		Time Of Readings:		
WLS11	1008 11 Degrees	P	0.5	0.0	0.0	P	0.0	1.0	20.0	0.0	0.0	5.86	dry	0.81	Sunny, dry	
		S	0.4	0.0	0.0	S	0.0	1.0	20.1	0.0	0.0					
		Time Of Readings:		11:39		11:33		Time Of Readings:		11:34		11:37		Time Of Readings:		
WLS12	1010 11 Degrees	P	0.2	0.0	0.0	P	0.0	0.8	17.8	0.0	0.0	5.81	dry	0.75	Sunny, dry	
		S	0.2	0.0	0.0	S	0.0	0.8	17.8	0.0	0.0					
		Time Of Readings:		11:18		11:12		Time Of Readings:		11:13		11:16		Time Of Readings:		

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 17-Apr-19	Project No: J13752
Client: K D Attwood & Partners	Operative: OS/LW	Day of the week: Wednesday	

Land Gas Data					Groundwater Data					Remarks						
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr												%
WLS13	1009 11 Degrees	P	0.4	0.0	0.0	P	0.0	0.8	20.2	0.0	0.0	5.87	dry	0.82	Dry,sunny	
		S	0.3	0.0	0.0	S	0.0	0.8	20.2	0.0	0.0					
		Time Of Readings:		Time Of Readings:		Time Of Readings:										
		11:49	11:43	11:44	11:47	11:50										
WLS14	1008 11 Degrees	P	0.7	0.0	0.0	P	0.0	1.1	19.2	0.0	0.0	5.86	dry	0.77	Dry,sunny	
		S	0.5	0.0	0.0	S	0.0	1.1	19.2	0.0	0.0					
		Time Of Readings:		Time Of Readings:		Time Of Readings:										
		11:59	11:54	11:55	11:58	12:00										
WLS15	1011 11 Degrees	P	0.5	0.0	0.0	P	0.0	0.6	20.2	0.0	0.0	5.91	dry	0.84	Dry,sunny	
		S	0.5	0.0	0.0	S	0.0	0.6	20.2	0.0	0.0					
		Time Of Readings:		Time Of Readings:		Time Of Readings:										
		10:55	10:50	10:51	10:54	10:56										
		P				P										
		S				S										
		Time Of Readings:		Time Of Readings:		Time Of Readings:										
		P				P										
		S				S										
		Time Of Readings:		Time Of Readings:		Time Of Readings:										
		P				P										
		S				S										
		Time Of Readings:		Time Of Readings:		Time Of Readings:										

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 29-Apr-19	Project No: J13752
Client: K D Attwood & Partners	Operative: JMW	Day of the week: Monday	

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS1	14°, 1019mb	P	1.1	0.0	0.0	P	0.0	0.8	19.9	0.0	0.0	5.74	Dry	0.70	/	Dry, sunny	/
		S	0.9	0.0	0.0	S	0.0	0.8	20.0	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			14:03			14:04			14:09								
WLS2	14°, 1018mb	P	0.7	0.0	0.0	P	0.0	1.8	19.3	0.0	0.0	5.73	Dry	0.66	/	Dry, sunny	/
		S	0.6	0.0	0.0	S	0.0	1.8	19.3	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS3	14°, 1017mb	P	0.3	0.0	0.0	P	0.0	2.9	18.1	0.0	0.0	5.68	Dry	0.60	/	Dry, sunny	/
		S	0.1	0.0	0.0	S	0.0	2.9	18.1	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			14:32			14:33			14:38								
WLS4	14°, 1017mb	P	0.4	0.0	0.0	P	0.0	4.1	18.6	0.0	0.0	5.66	Dry	0.76	/	Dry, sunny	/
		S	0.4	0.0	0.0	S	0.0	3.6	18.7	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			15:14			15:15			15:20								
WLS5	14°, 1016mb	P	0.3	0.0	0.0	P	0.0	2.0	19.3	0.0	0.0	5.82	Dry	0.78	/	Dry, sunny	/
		S	0.3	0.0	0.0	S	0.0	2.0	19.3	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			15:30			15:31			15:36								
WS6	14°, 1017mb	P	0.4	0.0	0.0	P	0.0	1.0	19.7	0.0	0.0	5.75	Dry	0.80	/	Dry, sunny	/
		S	0.4	0.0	0.0	S	0.0	1.0	19.7	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			15:22			15:23			15:28								

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 29-Apr-19	Project No: J13752
Client: K D Attwood & Partners	Operative: JMW	Day of the week: Monday	

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS7	14°, 1015mb	P	0.5	0.0	0.0	P	0.0	1.2	19.5	0.0	0.0	5.82	Dry	0.80	/	Dry, sunny	/
		S	0.5	0.0	0.0	S	0.0	1.2	19.6	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			15:37			15:38			15:43								
WLS8	14°, 1017mb	P	0.0	0.0	0.0	P	0.0	2.0	19.1	0.0	0.0	5.80	Dry	0.82	/	Dry, sunny	/
		S	0.0	0.0	0.0	S	0.0	2.0	19.1	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			15:07			15:08			15:13								
WLS9	14°, 1015mb	P	0.0	0.0	0.0	P	0.0	0.6	20.2	0.0	0.0	5.89	Dry	0.84	/	Dry, sunny	/
		S	0.0	0.0	0.0	S	0.0	0.6	20.2	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			15:45			15:46			15:51								
WLS10	14°, 1016mb	P	0.5	0.0	0.0	P	0.0	0.4	20.0	0.0	0.0	5.87	Dry	0.76	/	Dry, sunny	/
		S	0.5	0.0	0.0	S	0.0	0.4	20.0	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			15:00			15:01			15:06								
WLS11	14°, 1016mb	P	0.3	0.0	0.0	P	0.0	0.5	20.3	0.0	0.0	5.86	Dry	0.81	/	Dry, sunny	/
		S	0.3	0.0	0.0	S	0.0	0.5	20.3	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			14:39			14:40			14:45								
WLS12	14°, 1017mb	P	0.6	0.0	0.0	P	0.0	0.4	20.4	0.0	0.0	5.81	Dry	0.75	/	Dry, sunny	/
		S	0.6	0.0	0.0	S	0.0	0.4	20.4	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			14:25			14:26			14:31								

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 29-Apr-19	Project No: J13752
Client: K D Attwood & Partners	Operative: JMW	Day of the week: Monday	

Land Gas Data										Groundwater Data			Remarks				
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS13	14°, 1015mb	P	0.3	0.0	0.0	P	0.0	0.6	20.2	0.0	0.0	5.87	Dry	0.82	/	Dry, sunny	/
		S	0.3	0.0	0.0	S	0.0	0.6	20.2	0.0	0.0						
		Time Of Readings: 14:46			Time Of Readings: 14:47			Time Of Readings: 15:51									
WLS14	14°, 1015mb	P	0.2	0.0	0.0	P	0.0	1.3	19.5	0.0	0.0	5.86	Dry	0.77	/	Dry, sunny	/
		S	0.2	0.0	0.0	S	0.0	1.3	19.5	0.0	0.0						
		Time Of Readings: 14:52			Time Of Readings: 14:53			Time Of Readings: 14:58									
WLS15	14°, 1015mb	P	0.8	0.0	0.0	P	0.0	0.1	20.4	0.0	0.0	5.91	Dry	0.84	/	Dry, sunny	/
		S	0.8	0.0	0.0	S	0.0	0.1	20.4	0.0	0.0						
		Time Of Readings: 14:10			Time Of Readings: 14:11			Time Of Readings: 14:16									
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 15-May-19	Project No: J13752
Client: K D Attwood & Partners	Operative: OS	Day of the week: Wednesday	

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS1	1021 18 Degrees	P	0.2	0.0	0.0	P	0.0	1.2	18.9	0.0	0.0	5.87	dry	0.85	/	Sunny, dry	/
		S	0.1	0.0	0.0	S	0.0	1.2	18.9	0.0	0.0						
		Time Of Readings:		10:31		10:25		Time Of Readings:		10:26		10:29		Time Of Readings:			
WLS2	1019 18 Degrees	P	0.4	0.0	0.0	P	0.0	1.8	18.1	0.0	0.0	5.71	dry	0.67	/	Sunny, dry	/
		S	0.3	0.0	0.0	S	0.0	1.8	18.1	0.0	0.0						
		Time Of Readings:		10:51		10:46		Time Of Readings:		10:47		10:50		Time Of Readings:			
WLS3	1018 18 dDegrees	P	0.5	0.0	0.0	P	0.0	2.5	17.5	0.0	0.0	5.72	dry	0.60	/	Sunny, dry	/
		S	0.4	0.0	0.0	S	0.0	2.5	17.5	0.0	0.0						
		Time Of Readings:		11:12		11:07		Time Of Readings:		11:09		11:12		Time Of Readings:			
WLS4	1016 18 Degrees	P	0.3	0.0	0.0	P	0.0	4.3	17.2	0.0	0.0	5.76	dry	0.83	/	Sunny, dry	/
		S	0.2	0.0	0.0	S	0.0	3.7	17.7	0.0	0.0						
		Time Of Readings:		12:06		12:00		Time Of Readings:		12:02		12:05		Time Of Readings:			
WLS5	1016 18 Degrees	P	0.4	0.0	0.0	P	0.0	2.0	18.6	0.0	0.0	5.71	dry	0.78	/	Sunny, dry	/
		S	0.2	0.0	0.0	S	0.0	2.0	18.6	0.0	0.0						
		Time Of Readings:		12:25		12:19		Time Of Readings:		12:20		12:23		Time Of Readings:			
WLS6	1016 18 Degrees	P	0.3	0.0	0.0	P	0.0	2.6	18.5	0.0	0.0	5.75	dry	0.78	/	Sunny, dry	/
		S	0.3	0.0	0.0	S	0.0	2.6	18.5	0.0	0.0						
		Time Of Readings:		12:14		12:09		Time Of Readings:		12:10		12:13		Time Of Readings:			

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By



Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 15-May-19	Project No: J13752
Client: K D Attwood & Partners	Operative: OS	Day of the week: Wednesday	

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS7	1014 18 Degrees	P	0.3	0.0	0.0	P	0.0	1.5	19.4	0.0	0.0	5.81	dry	0.80	/	Sunny,dry	/
		S	0.2	0.0	0.0	S	0.0	1.5	19.4	0.0	0.0						
		Time Of Readings:		Time Of Readings:		Time Of Readings:		Time Of Readings:		Time Of Readings:							
		12:35	12:30			12:31	12:34			12:37							
WLS8	1019 18 Degrees	P	1.0	0.0	0.0	P	-0.1	4.5	16.8	0.0	0.0	5.80	dry	0.82	/	Sunny,dry	/
		S	1.0	0.0	0.0	S	0.0	4.5	16.8	0.0	0.0						
		Time Of Readings:		Time Of Readings:		Time Of Readings:		Time Of Readings:		Time Of Readings:							
		11:53	11:47			11:49	11:52			11:54							
WLS9	1012 18 Degrees	P	0.4	0.0	0.0	P	0.0	2.0	17.6	0.0	0.0	5.90	DRY	0.84	/	Sunny,dry	/
		S	0.3	0.0	0.0	S	0.0	2.0	17.6	0.0	0.0						
		Time Of Readings:		Time Of Readings:		Time Of Readings:		Time Of Readings:		Time Of Readings:							
		12:46	12:40			12:41	12:44			12:47							
WLS10	1014 18 Degrees	P	0.7	0.0	0.0	P	0.0	1.5	16.1	0.0	0.0	5.88	dry	0.76	/	Sunny,dry	/
		S	0.6	0.0	0.0	S	0.0	1.5	16.1	0.0	0.0						
		Time Of Readings:		Time Of Readings:		Time Of Readings:		Time Of Readings:		Time Of Readings:							
		12:59	12:54			12:55	12:58			13:00							
WLS11	1017 18 Degrees	P	0.5	0.0	0.0	P	0.0	2.0	18.7	0.0	0.0	5.87	dry	0.81	/	Sunny,dry	/
		S	0.4	0.0	0.0	S	0.0	2.0	18.7	0.0	0.0						
		Time Of Readings:		Time Of Readings:		Time Of Readings:		Time Of Readings:		Time Of Readings:							
		11:22	11:17			11:18	11:21			11:24							
WLS12	1018 18 Degrees	P	0.3	0.0	0.0	P	0.0	1.6	19.1	0.0	0.0	5.81	dry	0.60	/	Sunny,dry	/
		S	0.2	0.0	0.0	S	0.0	1.6	19.1	0.0	0.0						
		Time Of Readings:		Time Of Readings:		Time Of Readings:		Time Of Readings:		Time Of Readings:							
		11:02	10:56			10:57	11:00			11:04							

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 15-Apr-19	Project No: J13752
Client: K D Attwood & Partners	Operative: OS	Day of the week: Monday	

Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	Land Gas Data					Groundwater Data					Remarks					
		PID	BH pressure	Flow Rate			CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks
		ppm	Pa	l/hr			%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL			
WLS13	1017 18 Degrees	P	0.3	0.0	0.0	P	0.0	1.6	19.2	0.0	0.0	5.88	dry	0.82	/	Dry, sunny	/
		S	0.2	0.0	0.0	S	0.0	1.6	19.2	0.0	0.0						
		Time Of Readings:		11:31		11:26		Time Of Readings:		11:27		11:30		Time Of Readings:			
WLS14	1017 18 Degrees	P	0.3	0.0	0.0	P	0.0	1.5	18.8	0.0	0.0	5.86	dry	0.77	/	Dry, sunny	/
		S	0.2	0.0	0.0	S	0.0	1.5	18.8	0.0	0.0						
		Time Of Readings:		11:40		11:35		Time Of Readings:		11:36		11:39		Time Of Readings:			
WLS15	1019 18 Degrees	P	0.4	0.0	0.0	P	0.0	0.7	19.6	0.0	0.0	5.90	dry	0.84	/	Dry, sunny	/
		S	0.3	0.0	0.0	S	0.0	0.7	19.6	0.0	0.0						
		Time Of Readings:		10:40		10:35		Time Of Readings:		10:36		10:39		Time Of Readings:			
		P				P											
		S				S											
		Time Of Readings:						Time Of Readings:						Time Of Readings:			
		P				P											
		S				S											
		Time Of Readings:						Time Of Readings:						Time Of Readings:			
		P				P											
		S				S											
		Time Of Readings:						Time Of Readings:						Time Of Readings:			

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 15-Oct-19	Project No: J13752
Client: K D Attwood & Partners	Operative: GC	Day of the week: Tuesday	

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
wls1	14c 1011	P	0.2	0.0	0.0	P	0.0	2.3	17.2	0.0	0.0	5.74	dry	0.71	/	Damp Sunny Breeze	/
		S	0.2	0.0	0.0	S	0.0	2.3	17.2	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
wls2	14c 1011	P	0.1	0.0	0.0	P	0.0	1.9	18.4	0.0	0.0	5.73	dry	0.66	/	Damp Sunny Breeze	/
		S	0.1	0.0	0.0	S	0.0	1.9	18.4	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
wls3	14c 1011	P	0.1	0.0	0.0	P	0.0	2.7	17.6	0.0	0.0	5.68	dry	0.61	/	Damp Sunny Breeze	/
		S	0.1	0.0	0.0	S	0.0	2.7	17.6	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
wls4	14c 1011	P	0.1	0.0	0.0	P	0.0	1.7	18.3	0.0	0.0	5.76	dry	0.82	/	Damp Sunny Breeze	/
		S	0.1	0.0	0.0	S	0.0	1.7	18.3	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
wls5	14c 1011	P	0.2	0.0	0.0	P	0.0	3.1	18.1	0.0	0.0	5.74	dry	0.79	/	Damp Sunny Breeze	/
		S	0.2	0.0	0.0	S	0.0	3.1	18.1	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
wls6	14c 1011	P	0.3	0.0	0.0	P	0.0	1.4	19.2	0.0	0.0	5.75	dry	0.76	/	Damp Sunny Breeze	/
		S	0.1	0.0	0.0	S	0.0	1.4	19.2	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 15-Oct-19	Project No: J13752
Client: K D Attwood & Partners	Operative: GC	Day of the week: Tuesday	

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
wls7	14c 1011	P	0.3	0.0	0.0	P	0.0	2.8	18.9	0.0	0.0	5.83	dry	0.81	/	damp sunny breeze	/
		S	0.2	0.0	0.0	S	0.0	2.8	18.9	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
wls8	14c 1012	P	0.1	0.0	0.0	P	0.0	3.4	17.1	0.0	0.0	5.79	dry	0.82	/	damp sunny breeze	/
		S	0.1	0.0	0.0	S	0.0	3.4	17.1	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
wls9	14c 1011	P	0.2	0.0	0.0	P	0.0	2.1	17.9	0.0	0.0	5.90	dry	0.84	/	damp sunny breeze	/
		S	0.1	0.0	0.0	S	0.0	2.1	17.9	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
wls10	14c 1011	P	0.1	0.0	0.0	P	0.0	3.7	18.1	0.0	0.0	5.86	dry	0.77	/	damp sunny breeze	/
		S	0.1	0.0	0.0	S	0.0	3.7	18.1	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
wls11	14c 1012	P	0.3	0.0	0.0	P	0.0	1.4	18.5	0.0	0.0	5.87	dry	0.82	/	damp sunny breeze	/
		S	0.2	0.0	0.0	S	0.0	1.4	18.5	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
wls12	14c 1011	P	0.1	0.0	0.0	P	0.0	2.8	19.2	0.0	0.0	5.80	dry	0.77	/	damp sunny breeze	/
		S	0.1	0.0	0.0	S	0.0	2.8	19.2	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 15-Oct-19	Project No: J13752
Client: K D Attwood & Partners	Operative: GC	Day of the week: Tuesday	

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
wls13	14c 1012	P	0.2	0.0	0.0	P	0.0	2.1	18.4	0.0	0.0	5.87	dry	0.83		damp sunny breeze	
		S	0.2	0.0	0.0	S	0.0	2.1	18.4	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
wls14	14c 1012	P	0.1	0.0	0.0	P	0.0	2.7	17.9	0.0	0.0	5.85	dry	0.78		damp sunny breeze	
		S	0.1	0.0	0.0	S	0.0	2.7	17.9	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
wls15	14c 1011	P	0.1	0.0	0.0	P	0.0	1.8	18.8	0.0	0.0	5.90	dry	0.83		damp sunny breeze	
		S	0.1	0.0	0.0	S	0.0	1.8	18.8	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 31-Oct-19	Project No: J13752
Client: K D Attwood & Partners	Operative: GC	Day of the week: Thursday	

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS1	11c 1009	P	0.5	0.0	0.0	P	0.0	1.6	17.9	0.0	0.0	5.74	DRY	0.71	/	Damp, sunny, breezy	/
		S	0.3	0.0	0.0	S	0.0	1.6	17.9	0.0	0.0						
		Time Of Readings: 13:05 13:00			Time Of Readings: 13:01 - 13:04			Time Of Readings: 13:06									
WLS2	11c 1009	P	0.2	0.0	0.0	P	0.0	2.5	18.9	0.0	0.0	5.73	DRY	0.66	/	Damp, sunny, breezy	/
		S	0.1	0.0	0.0	S	0.0	2.5	18.9	0.0	0.0						
		Time Of Readings: 13:08			Time Of Readings: 13:09			Time Of Readings: 13:14									
WLS3	11c 1009	P	0.2	0.0	0.0	P	0.0	3.1	18.4	0.0	0.0	5.68	DRY	0.61	/	Damp, sunny, breezy	/
		S	0.2	0.0	0.0	S	0.0	3.1	18.4	0.0	0.0						
		Time Of Readings: 13:20			Time Of Readings: 13:21			Time Of Readings: 13:26									
WLS4	11c 1009	P	0.1	0.0	0.0	P	0.0	2.9	17.1	0.0	0.0	5.76	DRY	0.82	/	Damp, sunny, breezy	/
		S	0.1	0.0	0.0	S	0.0	2.9	17.1	0.0	0.0						
		Time Of Readings: 13:33			Time Of Readings: 13:35			Time Of Readings: 13:40									
WLS5	11c 1009	P	0.1	0.0	0.0	P	0.0	2.0	19.2	0.0	0.0	5.74	DRY	0.79	/	Damp, sunny, breezy	/
		S	0.1	0.0	0.0	S	0.0	2.0	19.2	0.0	0.0						
		Time Of Readings: 13:43			Time Of Readings: 13:44			Time Of Readings: 13:49									
WLS6	11c 1009	P	0.2	0.0	0.0	P	0.0	1.6	19.8	0.0	0.0	5.75	DRY	0.76	/	Damp, sunny, breezy	/
		S	0.1	0.0	0.0	S	0.0	1.6	20.0	0.0	0.0						
		Time Of Readings: 13:52			Time Of Readings: 13:55			Time Of Readings: 14:00									

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 31-Oct-19	Project No: J13752
Client: K D Attwood & Partners	Operative: GC	Day of the week: Thursday	

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS7	11c 1010	P	0.3	0.0	0.0	P	0.0	1.2	18.9	0.0	0.0	5.83	dry	0.81	/	Damp, sunny, breezy	/
		S	0.3	0.0	0.0	S	0.0	1.2	18.9	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
14:05			14:06			14:11											
WLS8	11c 1011	P	0.1	0.0	0.0	P	0.0	4.3	19.1	0.0	0.0	5.79	dry	0.82	/	Damp, sunny, breezy	/
		S	0.1	0.0	0.0	S	0.0	3.1	19.1	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
14:15			14:16			14:21											
WLS9	11c 1010	P	0.1	0.0	0.0	P	0.0	1.5	17.8	0.0	0.0	5.90	dry	0.84	/	Damp, sunny, breezy	/
		S	0.0	0.0	0.0	S	0.0	1.5	17.8	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
14:23			14:25			14:30											
WLS10	11c 1011	P	0.2	0.0	0.0	P	0.0	6.0	19.0	0.0	0.0	5.86	dry	0.77	/	Damp, sunny, breezy	/
		S	0.1	0.0	0.0	S	0.0	6.0	19.0	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
14:33			14:35			14:40											
WLS11	11c 1011	P	0.4	0.0	0.0	P	0.0	3.4	18.2	0.0	0.0	5.87	dry	0.82	/	Damp, sunny, breezy	/
		S	0.2	0.0	0.0	S	0.0	3.4	18.2	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
14:45			14:46			14:51											
WLS12	11c 1010	P	0.1	0.0	0.0	P	0.0	2.8	19.1	0.0	0.0	5.80	dry	0.77	/	Damp, sunny, breezy	/
		S	0.1	0.0	0.0	S	0.0	2.8	20.0	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
14:53			14:54			14:59											

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 31-Oct-19	Project No: J13752
Client: K D Attwood & Partners	Operative: GC	Day of the week: Thursday	

Land Gas Data										Groundwater Data			Remarks				
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS13	11c 1010	P	0.4	0.0	0.0	P	0.0	4.3	17.9	0.0	0.0	5.87	dry	0.83	/	Damp, sunny, breezy	/
		S	0.2	0.0	0.0	S	0.0	4.3	17.9	0.0	0.0						
		Time Of Readings: 15:10				Time Of Readings: 15:12				Time Of Readings: 15:17							
WLS14	11c 1009	P	0.1	0.0	0.0	P	0.0	4.0	18.8	0.0	0.0	5.85	dry	0.78	/	Damp, sunny, breezy	/
		S	0.1	0.0	0.0	S	0.0	4.0	18.8	0.0	0.0						
		Time Of Readings: 15:19				Time Of Readings: 15:20				Time Of Readings: 15:25							
WLS15	11c 1009	P	0.1	0.0	0.0	P	0.0	2.8	20.1	0.0	0.0	5.90	dry	0.83	/	Damp, sunny, breezy	/
		S	0.1	0.0	0.0	S	0.0	2.8	20.1	0.0	0.0						
		Time Of Readings: 15:26				Time Of Readings: 15:31				Time Of Readings: 15:32							
		P				P											
		S				S											
		Time Of Readings:				Time Of Readings:				Time Of Readings:							
		P				P											
		S				S											
		Time Of Readings:				Time Of Readings:				Time Of Readings:							
		P				P											
		S				S											
		Time Of Readings:				Time Of Readings:				Time Of Readings:							

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By



Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 13-Nov-19	Project No: J13752
Client: K D Attwood & Partners	Operative: TAA	Day of the week: Wednesday	

Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	Land Gas Data					Groundwater Data					Remarks					
		PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS1	10c 998	P	0.8	0.0	0.0	P	0.0	0.9	19.6	0.0	0.0	5.74	DRY	0.71	/	Cold, sunny	/
		S	0.8	0.0	0.0	S	0.0	0.9	19.6	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS2	10c 998	P	0.6	0.0	0.0	P	0.0	1.7	18.0	0.0	0.0	5.73	DRY	0.66	/	Cold, sunny	/
		S	0.5	0.0	0.0	S	0.0	1.6	18.0	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS3	10c 998	P	0.2	0.0	0.0	P	0.0	2.7	17.9	0.0	0.0	5.68	DRY	0.82	/	Cold, sunny	/
		S	0.2	0.0	0.0	S	0.0	2.7	17.9	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			0														
WLS4	10c 998	P	0.0	0.0	0.0	P	0.0	3.2	16.3	0.0	0.0	5.76	DRY	0.79	/	Cold, sunny	/
		S	0.0	0.0	0.0	S	0.0	3.2	16.5	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS5	10c 998	P	0.0	0.0	0.0	P	0.0	2.1	18.2	0.0	0.0	5.74	DRY	0.79	/	Cold, sunny	/
		S	0.0	0.0	0.0	S	0.0	2.0	18.2	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS6	10c 998	P	0.0	0.0	0.0	P	0.0	0.8	19.4	0.0	0.0	5.75	DRY	0.76	/	Cold, sunny	/
		S	0.0	0.0	0.0	S	0.0	0.8	19.4	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 13-Nov-19	Project No: J13752
Client: K D Attwood & Partners	Operative: TAA	Day of the week: Wednesday	

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS 7	10°C 998MB	P	0.2	0.0	0.0	P	0.0	1.0	19.4	0.0	0.0	5.83	DRY	0.81	/	Cold, sunny	/
		S	0.2	0.0	0.0	S	0.0	1.0	19.6	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
12:00			12:05			12:07											
WLS 8	10°C 998MB	P	0.0	0.0	0.0	P	0.0	0.7	19.8	0.0	0.0	5.79	DRY	0.82	/	Cold, sunny	/
		S	0.0	0.0	0.0	S	0.0	0.7	19.8	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
12:10			12:15			12:17											
WLS 9	10°C 998MB	P	0.0	0.0	0.0	P	0.0	0.4	20.1	0.0	0.0	5.90	DRY	0.84	/	Cold, sunny	/
		S	0.0	0.0	0.0	S	0.0	0.4	20.1	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
12:20			12:25			12:27											
WLS 10	10°C 998MB	P	0.2	0.0	0.0	P	0.0	0.3	19.8	0.0	0.0	5.86	DRY	0.77	/	Cold, sunny	/
		S	0.2	0.0	0.0	S	0.0	0.3	19.8	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
12:30			12:35			12:37											
WLS 11	10°C 998MB	P	0.1	0.0	0.0	P	0.0	0.5	19.8	0.0	0.0	5.87	DRY	0.82	/	Cold, sunny	/
		S	0.1	0.0	0.0	S	0.0	0.5	19.8	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
12:40			12:45			12:47											
WLS 12	10°C 998MB	P	0.3	0.0	0.0	P	0.0	0.5	19.9	0.0	0.0	5.80	DRY	0.77	/	Cold, sunny	/
		S	0.3	0.0	0.0	S	0.0	0.5	20.0	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
12:49			12:50			12:55											

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 13-Nov-19	Project No: J13752
Client: K D Attwood & Partners	Operative: TAA	Day of the week: Wednesday	

Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	Land Gas Data					Groundwater Data					Remarks					
		PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS13	10°C 998MB	P	0.1	0.0	0.0	P	0.0	0.6	19.8	0.0	0.0	5.87	DRY	0.83	/	Cold, sunny	/
		S	0.1	0.0	0.0	S	0.0	0.6	19.8	0.0	0.0						
		Time Of Readings: 13:00					Time Of Readings: 13:05					Time Of Readings: 13:07					
WLS14	10°C 998MB	P	0.0	0.0	0.0	P	0.0	1.0	19.1	0.0	0.0	5.85	DRY	0.78	/	Cold, sunny	/
		S	0.0	0.0	0.0	S	0.0	1.0	19.1	0.0	0.0						
		Time Of Readings: 13:10					Time Of Readings: 13:15					Time Of Readings: 13:17					
WLS15	10°C 998MB	P	0.4	0.0	0.0	P	0.0	0.1	20.3	0.0	0.0	5.90	DRY	0.83	/	Cold, sunny	/
		S	0.4	0.0	0.0	S	0.0	0.1	20.3	0.0	0.0						
		Time Of Readings: 13:25					Time Of Readings: 12:26					Time Of Readings: 13:31					
		P				P											
		S				S											
		Time Of Readings:					Time Of Readings:					Time Of Readings:					
		P				P											
		S				S											
		Time Of Readings:					Time Of Readings:					Time Of Readings:					
		P				P											
		S				S											
		Time Of Readings:					Time Of Readings:					Time Of Readings:					

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 28-Nov-19	Project No: J13752
Client: K D Attwood & Partners	Operative: GC	Day of the week: Thursday	

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS1	9c 996	P	0.5	0.0	0.0	P	0.0	2.8	19.8	0.0	0.0	5.74	dry	0.71	/	wet, cold, overcast	/
		S	0.5	0.0	0.0	S	0.0	2.8	19.8	0.0	0.0						
		Time Of Readings:		Time Of Readings:		Time Of Readings:											
		12:04	12:00			12:01	12:04					12:05					
WLS2	9c 997	P	0.2	0.0	0.0	P	0.0	2.1	17.8	0.0	0.0	5.73	dry	0.66	/	wet, cold, overcast	/
		S	0.2	0.0	0.0	S	0.0	2.1	17.8	0.0	0.0						
		Time Of Readings:		Time Of Readings:		Time Of Readings:											
		12:25	12:20			12:21	12:24					12:25					
WLS3	9c 996	P	0.2	0.0	0.0	P	0.0	3.5	18.1	0.0	0.0	5.68	dry	0.82	/	wet, cold, overcast	/
		S	0.2	0.0	0.0	S	0.0	3.5	18.1	0.0	0.0						
		Time Of Readings:		Time Of Readings:		Time Of Readings:											
		12:45	12:40			12:41	12:44					12:45					
WLS4	9c 996	P	0.1	0.0	0.0	P	0.0	4.1	17.2	0.0	0.0	5.76	dry	0.79	/	wet, cold, overcast	/
		S	0.0	0.0	0.0	S	0.0	4.1	17.2	0.0	0.0						
		Time Of Readings:		Time Of Readings:		Time Of Readings:											
		14:14	14:09			14:10	14:13					14:14					
WLS5	9c 997	P	0.2	0.0	0.0	P	0.0	2.5	17.6	0.0	0.0	5.74	dry	0.79	/	wet, cold, overcast	/
		S	0.1	0.0	0.0	S	0.0	2.5	17.7	0.0	0.0						
		Time Of Readings:		Time Of Readings:		Time Of Readings:											
		14:36	14:31			14:32	14:35					14:37					
WLS6	9c 997	P	0.3	0.0	0.0	P	0.0	1.8	20.1	0.0	0.0	5.75	dry	0.76	/	wet, cold, overcast	/
		S	0.2	0.0	0.0	S	0.0	1.8	20.1	0.0	0.0						
		Time Of Readings:		Time Of Readings:		Time Of Readings:											
		14:24	14:20			14:21	14:23					14:25					

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 28-Nov-19	Project No: J13752
Client: K D Attwood & Partners	Operative: GC	Day of the week: Thursday	

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS7	9c 996	P	0.1	0.0	0.0	P	0.0	1.3	18.9	0.0	0.0	5.83	DRY	0.81	/	wet, cold, overcast	/
		S	0.1	0.0	0.0	S	0.0	1.3	18.9	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		15:01	14:56			14:57	15:00			15:01							
WLS8	9c 996	P	0.1	0.0	0.0	P	0.0	0.9	19.6	0.0	0.0	5.79	DRY	0.82	/	wet, cold, overcast	/
		S	0.1	0.0	0.0	S	0.0	0.9	19.6	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		14:01	13:56			13:57	14:00			14:01							
WLS9	9c 996	P	0.3	0.0	0.0	P	0.0	1.2	19.8	0.0	0.0	5.90	DRY	0.84	/	wet, cold, overcast	/
		S	0.3	0.0	0.0	S	0.0	1.2	19.8	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		15:14	15:09			15:10	15:13			15:15							
WLS10	9c 996	P	0.3	0.0	0.0	P	0.0	2.1	18.5	0.0	0.0	5.86	DRY	0.77	/	wet, cold, overcast	/
		S	0.2	0.0	0.0	S	0.0	2.1	18.5	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		13:47	13:42			13:43	13:46			13:47							
WLS11	9c 997	P	0.1	0.0	0.0	P	0.0	2.3	19.1	0.0	0.0	5.87	DRY	0.82	/	wet, cold, overcast	/
		S	0.1	0.0	0.0	S	0.0	2.3	19.1	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		13:01	12:55			12:56	13:00			13:01							
WLS12	9c 996	P	0.2	0.0	0.0	P	0.0	1.7	20.0	0.0	0.0	5.80	DRY	0.77	/	wet, cold, overcast	/
		S	0.1	0.0	0.0	S	0.0	1.7	20.0	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		12:35	12:30			12:31	12:34			12:35							

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 28-Nov-19	Project No: J13752
Client: K D Attwood & Partners	Operative: GC	Day of the week: Thursday	

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS13	9c 997	P	0.2	0.0	0.0	P	0.0	1.8	18.6	0.0	0.0	5.87	dry	0.83	/	wet, cold, overcast	/
		S	0.2	0.0	0.0	S	0.0	1.8	18.6	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			13:15	13:10		13:11 - 13:14				13:15							
WLS14	9c 997	P	0.1	0.0	0.0	P	0.0	2.6	17.9	0.0	0.0	5.85	dry	0.70	/	wet, cold, overcast	/
		S	0.1	0.0	0.0	S	0.0	2.6	17.9	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			13:23	13:18		13:19 - 13:22				13:23							
WLS15	9c 996	P	0.1	0.0	0.0	P	0.0	1.9	19.3	0.0	0.0	5.90	dry	0.83	/	wet, cold, overcast	/
		S	0.1	0.0	0.0	S	0.0	1.9	19.3	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			12:15	12:10		12:11 - 12:14				12:15							
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 16-Dec-19	Project No: J13752
Client: K D Attwood & Partners	Operative: GC	Day of the week: Monday	

Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	Land Gas Data					Groundwater Data					Remarks					
		PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS1	9c 1001	P	0.6	0.0	0.0	P	0.0	2.1	18.4	0.0	0.0	5.74	DRY	0.71	/	Chily Cloudy Damp	/
		S	0.6	0.0	0.0	S	0.0	2.1	18.4	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS2	9c 999	P	0.5	0.0	0.0	P	0.0	1.9	20.0	0.0	0.0	5.73	DRY	0.66	/	Chily Cloudy Damp	/
		S	0.5	0.0	0.0	S	0.0	1.9	20.0	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS3	9c 1000	P	0.1	0.0	0.0	P	0.0	4.1	17.3	0.0	0.0	5.68	DRY	0.82	/	Chily Cloudy Damp	/
		S	0.1	0.0	0.0	S	0.0	4.1	17.3	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS4	9c 1001	P	0.1	0.0	0.0	P	0.0	2.8	17.1	0.0	0.0	5.76	DRY	0.79	/	Chily Cloudy Damp	/
		S	0.1	0.0	0.0	S	0.0	2.8	17.1	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS5	9c 1001	P	0.2	0.0	0.0	P	0.0	3.7	16.2	0.0	0.0	5.74	DRY	0.79	/	Chily Cloudy Damp	/
		S	0.1	0.0	0.0	S	0.0	3.7	16.2	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS6	9c 1001	P	0.1	0.0	0.0	P	0.0	1.8	19.3	0.0	0.0	5.75	DRY	0.76	/	Chily Cloudy Damp	/
		S	0.0	0.0	0.0	S	0.0	1.8	19.3	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 16-Dec-19	Project No: J13752
Client: K D Attwood & Partners	Operative: GC	Day of the week: Monday	

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS7	9c 1000	P	0.2	0.0	0.0	P	0.0	1.9	18.6	0.0	0.0	5.83	DRY	0.81	/	Chilly Cloudy Damp	/
		S	0.2	0.0	0.0	S	0.0	1.9	18.6	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS8	9c 1001	P	0.1	0.0	0.0	P	0.0	1.2	19.4	0.0	0.0	5.79	DRY	0.82	/	Chilly Cloudy Damp	/
		S	0.1	0.0	0.0	S	0.0	1.2	19.4	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS9	9c 1001	P	0.3	0.0	0.0	P	0.0	0.9	19.7	0.0	0.0	5.90	DRY	0.84	/	Chilly Cloudy Damp	/
		S	0.2	0.0	0.0	S	0.0	0.9	19.7	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS10	9c 1001	P	0.3	0.0	0.0	P	0.0	1.1	18.7	0.0	0.0	5.86	DRY	0.77	/	Chilly Cloudy Damp	/
		S	0.3	0.0	0.0	S	0.0	1.1	18.7	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS11	9c 999	P	0.1	0.0	0.0	P	0.0	0.9	20.1	0.0	0.0	5.87	DRY	0.82	/	Chilly Cloudy Damp	/
		S	0.1	0.0	0.0	S	0.0	0.9	20.1	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS12	9c 1001	P	0.2	0.0	0.0	P	0.0	1.2	19.9	0.0	0.0	5.80	DRY	0.77	/	Chilly Cloudy Damp	/
		S	0.1	0.0	0.0	S	0.0	1.2	19.9	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By



Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 16-Dec-19	Project No: J13752
Client: K D Attwood & Partners	Operative: GC	Day of the week: Monday	

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS13	9c 1001	P	0.3	0.0	0.0	P	0.0	1.1	18.9	0.0	0.0	5.87	DRY	0.83	/	Chilly Cloudy Damp	/
		S	0.2	0.0	0.0	S	0.0	1.1	18.9	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS14	9c 1001	P	0.1	0.0	0.0	P	0.0	1.5	17.9	0.0	0.0	5.85	DRY	0.78	/	Chilly Cloudy Damp	/
		S	0.1	0.0	0.0	S	0.0	1.5	17.9	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS15	9c 1001	P	0.2	0.0	0.0	P	0.0	1.9	18.1	0.0	0.0	5.90	DRY	0.83	/	Chilly Cloudy Damp	/
		S	0.2	0.0	0.0	S	0.0	1.9	18.1	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 02-Jan-20	Project No: J13752
Client: K D Attwood & Partners	Operative: ss	Day of the week: Thursday	

Land Gas Data										Groundwater Data			Remarks			
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL			
WLS1	10c°, 1015mb	P	0.2	3.0	2.4	P	0.0	2.0	18.3	0.0	5.90	DRY	0.83	/	Wet, overcast	/
		S	0.1	3.0	2.4	S	0.0	1.9	18.3	0.0						
		Time Of Readings:		11:45 11:40		Time Of Readings:		11:43		Time Of Readings:		11:46				
WLS2	10c°, 1015mb	P	0.2	2.0	2.1	P	0.0	1.5	18.7	0.0	5.72	DRY	0.68	/	Wet, overcast	/
		S	0.1	2.0	2.1	S	0.0	1.4	18.7	0.0						
		Time Of Readings:		11:35 11:30		Time Of Readings:		11:33		Time Of Readings:		11:37				
WLS3	10c°, 1015mb	P	0.1	2.0	2.0	P	0.0	3.0	20.7	0.0	5.70	DRY	0.60	/	Wet, overcast	/
		S	0.1	2.0	2.0	S	0.0	3.0	16.6	0.0						
		Time Of Readings:		11:24 11:20		Time Of Readings:		11:23		Time Of Readings:		11:26				
WLS4	10c°, 1015mb	P	0.2	1.0	80.7	P	0.0	2.0	18.7	0.0	5.67	DRY	0.82	/	Wet, overcast	/
		S	0.1	1.0	80.7	S	0.0	2.0	20.3	0.0						
		Time Of Readings:		12:04 12:00		Time Of Readings:		12:03		Time Of Readings:		12:06				
WLS5	10c°, 1015mb	P	0.2	3.0	0.0	P	0.0	3.0	18.1	0.0	5.73	DRY	0.78	/	Wet, overcast	/
		S	0.1	3.0	0.0	S	0.0	1.8	18.1	0.0						
		Time Of Readings:		12:24 12:20		Time Of Readings:		12:23		Time Of Readings:		12:26				
WLS6	10c°, 1015mb	P	0.1	3.0	24.8	P	2.9	1.5	8.0	0.0	5.75	DRY	0.76	/	Wet, overcast	/
		S	0.0	3.0	24.8	S	2.9	1.3	8.1	0.0						
		Time Of Readings:		12:14 12:10		Time Of Readings:		12:13		Time Of Readings:						

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 02-Jan-20	Project No: J13752
Client: K D Attwood & Partners	Operative: SS	Day of the week: Thursday	

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS7	1015mb, 10	P	0.3	0.0	0.0	P	0.0	1.3	18.4	0.0	0.0	5.83	Dry	0.81	/	Wet, overcast	/
		S	0.1	0.0	0.0	S	0.0	1.2	18.4	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS8	1015mb, 10	P	0.1	0.0	0.0	P	0.0	1.0	18.9	0.0	0.0	5.79	Dry	0.82	/	Wet, overcast	/
		S	0.1	0.0	0.0	S	0.0	1.0	19.0	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS9	1015mb, 10	P	0.1	0.0	0.0	P	0.0	0.5	18.8	0.0	0.0	5.90	Dry	0.84	/	Wet, overcast	/
		S	0.1	0.0	0.0	S	0.0	0.4	18.8	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS10	1015mb, 10	P	0.3	1.0	0.0	P	0.0	1.0	19.2	0.0	0.0	5.86	Dry	0.77	/	Wet, overcast	/
		S	0.3	0.0	0.0	S	0.0	1.0	19.2	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS11	1015mb, 10	P	0.3	0.0	0.0	P	0.0	0.6	19.1	0.0	0.0	5.87	Dry	0.82	/	Wet, overcast	/
		S	0.3	0.0	0.0	S	0.0	0.6	19.1	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS12	1015mb, 10	P	0.2	0.0	0.0	P	0.0	0.9	18.5	0.0	0.0	5.80	Dry	0.77	/	Wet, overcast	/
		S	0.2	0.0	0.0	S	0.0	0.9	18.5	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 02-Jan-20	Project No: J13752
Client: K D Attwood & Partners	Operative: SS	Day of the week: Thursday	

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS13	1015mb, 10c	P	0.0	3.0	0.0	P	0.0	0.8	18.5	0.0	0.0	5.87	Dry	0.83	/	Wet, overcast	/
		S	0.0	3.0	0.0	S	0.0	0.7	18.6	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS14	1015mb, 10c	P	0.0	3.0	0.0	P	0.0	1.3	18.9	0.0	0.0	5.85	Dry	0.78	/	Wet, overcast	/
		S	0.0	3.0	0.0	S	0.0	1.2	18.9	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS15	1015mb, 10c	P	0.0	2.0	0.0	P	0.0	1.1	19.2	0.0	0.0	5.90	Dry	0.83	/	Wet, overcast	/
		S	0.0	2.0	0.0	S	0.0	1.1	19.2	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 13-Jan-20	Project No: J13752
Client: K D Attwood & Partners	Operative: GC	Day of the week: Monday	

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS1	8c 1009	P	0.4	0.0	0.0	P	0.0	3.6	17.8	0.0	0.0	5.74	dry	0.71	/	Cold Wet	Windy /
		S	0.4	0.0	0.0	S	0.0	3.6	17.8	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS2	8c 1009	P	0.1	0.0	0.0	P	0.0	2.2	18.6	0.0	0.0	5.73	dry	0.66	/	Cold Wet	Windy /
		S	0.1	0.0	0.0	S	0.0	2.2	18.6	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS3	8c 1010	P	0.2	0.0	0.0	P	0.0	2.8	18.1	0.0	0.0	5.68	dry	0.82	/	Cold Wet	Windy /
		S	0.1	0.0	0.0	S	0.0	2.8	18.1	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS4	8c 1009	P	0.2	0.0	0.0	P	0.0	3.1	17.4	0.0	0.0	5.76	dry	0.79	/	Cold Wet	Windy /
		S	0.2	0.0	0.0	S	0.0	3.1	17.4	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS5	8c 1010	P	0.3	0.0	0.0	P	0.0	5.1	16.7	0.0	0.0	5.74	dry	0.79	/	Cold Wet	Windy /
		S	0.1	0.0	0.0	S	0.0	5.1	16.7	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS6	8c 1009	P	0.1	0.0	0.0	P	0.0	2.0	19.3	0.0	0.0	5.75	dry	0.76	/	Cold Wet	Windy /
		S	0.1	0.0	0.0	S	0.0	2.0	19.3	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 13-Jan-20	Project No: J13752
Client: K D Attwood & Partners	Operative: GC	Day of the week: Monday	

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS7	8c 1009	P	0.3	0.0	0.0	P	0.0	1.7	18.4	0.0	0.0	5.83	dry	0.81	/	Cold Windy      Wet	/
		S	0.1	0.0	0.0	S	0.0	1.7	18.4	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS8	8c 1009	P	0.1	0.0	0.0	P	0.0	2.1	18.9	0.0	0.0	5.79	dry	0.82	/	Cold Windy      Wet	/
		S	0.1	0.0	0.0	S	0.0	2.1	18.9	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS9	8c 1009	P	0.1	0.0	0.0	P	0.0	1.2	18.7	0.0	0.0	5.90	dry	0.84	/	Cold Windy      Wet	/
		S	0.1	0.0	0.0	S	0.0	1.2	18.7	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS10	8c 1010	P	0.3	0.0	0.0	P	0.0	1.6	19.6	0.0	0.0	5.86	dry	0.77	/	Cold Windy      Wet	/
		S	0.3	0.0	0.0	S	0.0	1.6	16.6	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS11	8c 1009	P	0.2	0.0	0.0	P	0.0	1.8	18.9	0.0	0.0	5.87	dry	0.82	/	Cold Windy      Wet	/
		S	0.2	0.0	0.0	S	0.0	1.8	18.9	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS12	8c 1010	P	0.1	0.0	0.0	P	0.0	2.8	17.7	0.0	0.0	5.80	dry	0.77	/	Cold Windy      Wet	/
		S	0.1	0.0	0.0	S	0.0	2.8	17.7	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 13-Jan-20	Project No: J13752
Client: K D Attwood & Partners	Operative: GC	Day of the week: Monday	

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS13	8c 1009	P	0.2	0.0	0.0	P	0.0	2.1	18.7	0.0	0.0	5.87	dry	0.83	/	Cold Windy Wet	/
		S	0.2	0.0	0.0	S	0.0	2.1	18.7	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS14	8c 1009	P	0.1	0.0	0.0	P	0.0	1.6	18.2	0.0	0.0	5.85	dry	0.78	/	Cold Windy Wet	/
		S	0.1	0.0	0.0	S	0.0	1.6	18.2	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
WLS15	8c 1009	P	0.1	0.0	0.0	P	0.0	1.7	17.6	0.0	0.0	5.90	dry	0.83	/	Cold Windy Wet	/
		S	0.1	0.0	0.0	S	0.0	1.7	17.6	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 28-Jan-20	Project No: J13752
Client: K D Attwood & Partners	Operative: JMW	Day of the week: Tuesday	

Land Gas Data										Groundwater Data			Remarks				
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS1	984mb, 4°	P	0.0	6.0	1.3	P	0.0	0.8	16.4	0.0	0.0	5.90	Dry	0.83	/	cold, dry	/
		S	0.0	6.0	1.1	S	0.0	0.8	16.4	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			10:05			10:06			10:11								
WLS2	985mb, 4°	P	0.1	5.0	1.3	P	0.0	1.6	6.9	0.0	0.0	5.72	Dry	0.68	/	cold, dry	/
		S	0.1	5.0	1.0	S	0.0	1.6	6.9	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			10:15			10:16			10:21								
WLS3	985mb, 4°	P	0.0	0.0	2.1	P	0.0	2.1	14.1	0.0	0.0	5.70	Dry	0.60	/	cold, dry	/
		S	0.0	0.0	0.1	S	0.0	2.1	14.1	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			10:23			10:24			10:29								
WLS4	985mb, 4°	P	0.0	8.0	1.6	P	0.0	0.5	18.9	0.0	0.0	5.67	Dry	0.82	/	cold, dry	/
		S	0.0	8.0	1.3	S	0.0	0.4	18.9	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			11:29			11:30			11:35								
WLS5	985mb, 4°	P	0.0	6.0	3.4	P	0.0	1.9	17.6	0.0	0.0	5.73	Dry	0.78	/	cold, dry	/
		S	0.0	6.0	1.1	S	0.0	1.9	17.6	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			11:41			11:42			11:47								
WLS6	984mb, 4°	P	0.0	2.0	0.8	P	0.0	1.9	16.9	0.0	0.0	5.75	Dry	0.76	/	cold, dry	/
		S	0.0	2.0	0.5	S	0.0	1.9	16.9	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			11:35			11:36			11:41								

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By



Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 28-Jan-20
Client: K D Attwood & Partners	Operative: JMW	Day of the week: Tuesday
		Project No: J13752

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS7	985mb, 4°c	P	0.0	5.0	1.6	P	0.0	0.9	17.3	0.0	0.0	5.83	Dry	0.80	/	cold, dry	/
		S	0.0	4.0	1.2	S	0.0	0.8	17.3	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			11:22			11:23			11:28								
WLS8	985mb, 4°c	P	0.0	2.0	2.0	P	0.0	3.2	15.8	0.0	0.0	5.81	Dry	0.81	/	cold, dry	/
		S	0.0	2.0	1.1	S	0.0	3.2	15.8	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			11:50			11:51			11:56								
WLS9	985mb, 4°c4°	P	0.0	5.0	3.4	P	0.0	2.5	17.3	0.0	0.0	5.80	Dry	0.83	/	cold, dry	/
		S	0.0	5.0	0.9	S	0.0	2.5	17.3	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			11:14			11:15			11:20								
WLS10	985mb, 4°c	P	0.0	4.0	3.1	P	0.0	0.9	17.5	0.0	0.0	5.87	Dry	0.75	/	cold, dry	/
		S	0.0	4.0	1.0	S	0.0	0.9	17.5	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			11:57			11:58			12:03								
WLS11	985mb, 4°c	P	0.2	5.0	1.6	P	0.0	1.0	18.0	0.0	0.0	5.89	Dry	0.80	/	cold, dry	/
		S	0.1	5.0	1.0	S	0.0	1.0	18.0	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			10:36			10:37			10:42								
WLS12	985mb, 4°c	P	0.0	3.0	0.0	P	0.0	2.0	19.0	0.0	0.0	5.80	Dry	0.77	/	cold, dry	/
		S	0.0	3.0	0.0	S	0.0	2.0	19.0	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By

Project Name: Shawstead Road, Hale, ME5 7SG	Project Engineer: JMW	Date: 28-Jan-20	Project No: J13752
Client: K D Attwood & Partners	Operative: JMW	Day of the week: Tuesday	

Land Gas Data						Groundwater Data						Remarks					
Well / TH No.	Atmospheric Pressure (mb) and Ambient Temperature	PID	BH pressure	Flow Rate		CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub> S	Depth to base of well	Water level	Height of Cover	Details of water samples (colour, clarity, odour etc)	Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions	General Remarks	
		ppm	Pa	l/hr		%	%	%	ppm	ppm	m below top of cover	m below top of cover	m above GL				
WLS13	984mb, 4°C	P	0.0	1.1	3.3	P	0.0	1.5	18.4	0.0	0.0	5.89	Dry	0.81	/	Cold, sunny	/
		S	0.0	1.1	1.6	S	0.0	1.5	18.4	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			10:45			10:46			10:51								
WLS14	984mb, 4°C	P	0.1	6.0	4.8	P	0.0	1.5	17.6	0.0	0.0	5.87	Dry	0.77	/	Cold, sunny	/
		S	0.1	6.0	1.0	S	0.0	1.5	17.6	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			10:50			10:51			10:56								
WLS15	984mb, 4°C	P	0.0	6.0	3.0	P	0.0	0.8	16.4	0.0	0.0	5.90	Dry	0.83	/	Cold, sunny	/
		S	0.0	6.0	1.1	S	0.0	0.8	16.4	0.0	0.0						
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
			10:05			10:06			10:11								
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									
		P				P											
		S				S											
		Time Of Readings:			Time Of Readings:			Time Of Readings:									

P = Peak Reading, S = Steady reading      Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser      Checked By