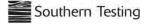
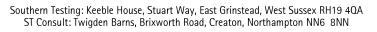


NB: Positions of Boreholes are only indicative

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

Insitu 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/m²)

IVN Hand Vane (kPa)

PID Photo Ionisation Detector Results (ppm)

MEXE Mexecone 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

| г | | rracture index | (| | | | |
|----------------|------------|------------------|--------------|-------------|-------------|--------------------|-----------------|
| Backfill Symbo | <u>ols</u> | <u>Pipe Symb</u> | <u>ools</u> | Principal S | oil Types | Principal Roc | <u>:k Types</u> |
| Arisings | | Plain Pipe | | Topsoil | | Mudstone/Claystone | |
| Concrete | ٠, ٥. | Slotted Pipe | | Made Ground | | Siltstone | × × × × × × |
| Blacktop | | Filter Tip | | Clay | | Sandstone | |
| | | · | !!!!! | Silt | XX | Limestone | |
| Bentonite Seal | | | | Sand | | Chalk | |
| Gravel Filter | , , | | | Gravel | | | |
| Sand Filter | | | | Peat | 316 6 3h | | |

| Sout | hern Te | esting | g ST Con | sult■ | | Start - Er | nd Date | | Pro | ject ID: | : H | lole Type: | WLS: | 1 |
|-----------------------|---------------------------|---------------|---------------------------|------------------|------------------|---------------------------------------|------------------|-----------------------------------|---|--|---|---|--|-------------|
| | sting.co.uk tel:013 | | www.stconsult.co.uk t | el:01604 500020 | | 10/09/ | | Co-ordi | | 13752 | | WLS Level: | Sheet 1 c | |
| Project Nam | e: Land o | ff Shaw: | stead Road | | Rema | rks: | | 7665E - | | | | LEVEI. | Logger NCH | <u>.</u> |
| Location: | Hale, K | (ent | | | Borehol | e dry. | | | | | | | | |
| Client: | KD Attv | wood & | Partners | | | | | | | | | | | |
| Well Water Strikes | Sam Depth (m bgl | - | Insitu Testing Results | Level (m AOD) | Thickness (m) | Legend | Depth (m bgl) | | | Str | atum De | scription | | T |
| | 0.15 | ES | nesures | 3 | (0.40) | | 0.40 | Grav flint (Tops | els are with ra soil). | fine to a | medium brick an | d clinker fra | subangular gments. | + |
| | 0.50 | D HP | UCS(kPa)=280 | .0 | (0.20) | × × × × × × × × × × × × × × × × × × × | 0.60 | coars medi | se angi ium ch | ular to s alk. | ubangul | LAY. Gravels lar flint and | fine to | |
| | 1.00 | D SPT(S) | N=15 (4,6/5,4,3 | : 3) | (0.50) | × × × × × × × × × × × × × × × × × × × | 1.10 | crear | m fine sional | to medi | um extr | | /EL. Gravel is chalk with flint. |]: |
| | 1.50 | D | (4,0) 5,4,3 | ,,3) | | | 1.10 | GRAN on gr to co LEWI | VEL wit ravel su parse su ES NOI .35m - S | tureless CHALK recovered as cream silty putty /EL with occasional orangish brown staining avel surfaces. Gravels are extremely weak fine arse subrounded chalk. S NODULAR CHALK 35m - Small pocket of light brown silty gravelly CLAY flint gravels encountered. | | | | |
| | 2.00 | D SPT(S) | N=15 (3,4/4,4,3 | 3,4) | (1.45) | | | | | | | recovered as v | ery angular to | |
| | 2.50 | D | | | | | 2.55 | Struc grave stain fine t | tured elly chaing and to med | cream Calk putty d occasion | m crushed CHALK read with radional black remely | d flint. ecovered as ire orangish | white silty brown g. Gravels are | |
| | 3.50 | SPT(S) | N=21 (3,5/5,5,6 | 5,5) | | | | At 2. beda | .80m - S ding wit .50m - L | h 12-16mi | ructure in m verical | chalk suggest fractures. Aarl encounter | | |
| | 4.00 | D SPT(S) | N=22 (5,4/5,6,6 | 5,5) | (2.45) | | | angı At 3. | .60m - I ular fine | to coarse Black to da | brocken . | covered as ver shards of flint. In stained spec | , , | 4 |
| | 4.50 5.00 | D | | | | | 5.00 | 11 | | Flint encou | | | ery angular to | \ \ ! |
| | SPT(S) N=16 (9,5/5,6,3,2) | | | | | | | | , ···· | | | ole at 5.00m | | |
| Hole De | | | Details | 1 | | strike (m | | 1 | | | | | ling (m bgl) | _ |
| Depth (m bgl) | Dia. (mm) | Pepth (m bgl) | Dia. (mm) D | ate Dep | th Strike Depth | Casing Depth S | ealed Rose | e to: Tim | e (mins) | From | То | Time | Remarks | |

| S | outh | nern T | esting | g ST (| Consu | lt■ | 9 | Start - Er | nd Date | | Pro | ject ID | : Н | lole Type | : WLS | 2 |
|----------|------------------|--------------------|-------------------------|---------------------|------------------------|------------------|------------------|------------|------------------|---------------------------------------|--|----------------------------------|---|--|--|---|
| | | ting.co.uk tel:01 | | | ilt.co.uk tel:016 | 04 500020 | | 10/09/ | | Co-ord | | 13752 : | | WLS Level: | Sheet 1 | |
| roject | Name | e: Land o | oπ Shaw | stead Roa | nd ———— | | Remai | | | ⁷ 643E - | | | | | NCH | |
| ocatio. | n: | Hale, I | Kent | | | | Borehol | e dry. | | | | | | | | |
| Client: | | KD Att | wood & | Partners | | | | | | | | | | | | |
| Well | Water Strikes | Sar Depth (m be | - | Insitu Testi Res | | Level (m AOD) | Thickness (m) | Legend | Depth (m bgl) | | | Sti | atum De | scription | | |
| | | 0.20 | ES ES HP | UCS(kPa | n)=410.0 | | (0.45) | | 0.45 | Grav flint (Top Firm Grav | vels are with rassoil). to stifuels are | fine to are fine f mid br | medium brick and own fine medium | angular t d clinker f e sandy gr | ravelly CLAY. to subangular ragments. ravelly CLAY. lar to angular | |
| | | 1.00 | D HP SPT(S) | | n)=390.0 2/4,4,3,4) | | (0.75) | | 1.20 1.40 | Stiff Grav wea | light b vels are | rown me fine to with oc | ottled cr medium | | elly silty CLAY. ded extremely | |
| | | 2.00 | D SPT(S |) N=11 (3,4 | 1/3,3,3,2) | | (1.00) | | | HEA Stru GRA on g to co | cturele VEL wi ravel s parse s | ess CHAL th occas urfaces. | ional or Gravels led chal | angish bro are extre | eam silty putty own staining mely weak fine | |
| | | 2.50 | D | | | | | | 2.40 | GRA chal | VEL. G k. | | e fine to | | e silty chalk , very weak | |
| | | 3.00 | D SPT(S) | N=27 (2,5 | 5/9,8,6,4) | | | | | ang | ular fine | to mediu | m crushe | | ery angular to | |
| | | 4.00 | D SPT(S _i | N=18 (4,5 | 5/4,5,4,5) | | (2.60) | | | | | | | | | |
| | | 5.00 | D SPT(S | N=21 (2,5 | 5/6,6,4,5) | | | | 5.00 | | | End | of Boreho | ole at 5.00m | | |
| Ho | ole Det | ails | Casing | Details | | | Waters | strike (m | bgl) | | | | Stand | ing/Chise | elling (m bgl) | |
| Depth (m | | | | Dia. (mm) | Date | Dep | th Strike Depth | | | e to: Tin | ne (mins) | From | To | Time | Remarks | |
| | | | | | | | | | | | | | | | | |

| South | ern T | esting | ST (| Consu | lt= | | Start - E | nd Date | • | Proj | ject ID: | Н | ole Typ | e: WLS | 3 |
|---------------------|----------------------|------------------------|---------------------|------------------------|------------------|------------------|-----------|------------------|---------------------------------|---|-------------------------------------|---|-----------------------------------|---|-----|
| www.southerntesting | g.co.uk tel:01 | 342 333100 | www.stconsu | ult.co.uk tel:016 | 504 500020 |) | 10/09 | /2018 | | | .3752 | | WLS | Sheet 1 | |
| Project Name: | Land o | off Shaws | stead Roa | ad | | Rema | rks: | 57 | Co-ordi 7607E - | | 4N | | Level: | Logge NCH | |
| Location: | Hale, I | Kent | | | | Boreho | le dry. | | | | | • | | | |
| Client: | KD Att | wood & | Partners | | | | | | | | | | | | |
| Well Water Strikes | Sar Depth (m ba | | Insitu Testi Res | ng ults | Level (m AOD) | Thickness (m) | Legend | Depth (m bgl) | | | Stra | itum De: | scription | | |
| | 0.20 | ES | | | | (0.60) | | | Grav flint | els are i with rai | | nedium rick, cli | angular | gravelly CLAY. r to subangular d glass | - |
| | 0.70 | HP ES | UCS(kPa | a)=210.0 | | (0.40) | × | 0.60 | silty | CLAY. G | | e fine t | o mediu | eam gravelly um subrounded nt. | |
| | 0.95 1.00 1.20 | HP D SPT(S) D | | a)=430.0 5/6,6,6,5) | | | | 1.00 | Struc GRAV on gr to co | D ctureles VEL witl ravel su parse su | ss CHALK | recove onal ora Gravels ed chall | ered as c angish b are extr | cream silty putty rown staining emely weak fine | 1 - |
| | 2.00 | D SPT(S) | N=17 (2,5 | 3/4,4,5,4) | | (1.10) | | 2.10 | spec | kled CH | IALK reco | overed | as silty g | rown and black gravelly chalk | 2 - |
| | 2.50 | D | | | | | | | to ve | ery wea | els are fir k chalk. DULAR CH | | edium e | extremely weak | - |
| | 3.30 | D SPT(S) D | N=17 (2,3 | 3/3,5,5,4) | | | | | | | | | | | 3 |
| | 4.00 | D SPT(S) | N=15 (1,5 | 3/3,4,4,4) | | (2.90) | | | | | gns of stru 19-40mm | | | gesting 5mm | 4 - |
| | 5.00 | D SPT(S) | N=26 (3,5 | 5/7,6,6,7) | | | | 5.00 | flint | gravel. .85m - Lig | ght grey be | and of M | | ns angular coarse untered, 1.5mm | 5 - |
| Hole Detai | ils | Casing | Details | | 1 | Waters | strike (r | n bgl) | | | | Standi | ng/Chi | selling (m bgl) | |
| Depth (m bgl) Dia | | | Dia. (mm) | Date | Dep | th Strike Depth | | | se to: Tim | ne (mins) | From | То | Time | Remarks | |
| | | | | | | | | | | | | | | | |

| Sout | hern To | esting | g SIC | onsult | | | otart - Er | nd Date | | Pro | oject ID | : Н | ole Type | : WLS | 4 |
|-----------------------|------------------------------|--------------------------|-------------------------|-----------------|------------------|------------------|------------|------------------|---|--|---|--|--|-----------------------------------|---|
| | esting.co.uk tel:013 | | | co.uk tel:01604 | 500020 | _ | 10/09/ | | Co-ord | J: | 13752 : | | WLS Level: | Sheet 1 | |
| Project Nan | ne: Land c | off Shaws | stead Road | d | | Remai | rks: | | | - 16483 | | | | NCH | |
| ocation: | Hale, k | Kent | | | | Borehol | e dry. | | | | | | | | |
| Client: | KD Att | wood & | Partners | | | | | | | | | | | | |
| Well Water Strikes | | | Insitu Testing Resul | g Its | Level (m AOD) | Thickness (m) | Legend | Depth (m bgl) | | | Str | atum De | scription | | |
| | 0.50 1.00 1.50 2.00 | D D SPT(S) | N=22 (4,3/ | 7,7,4,4) | | (0.50) | | 0.50 | Firm grav subi HEA | vel is fir to stiff velly CL/ rounded D acturele avel si oarse si | ne to me bil). f light bi AY. Gravi d chalk a | rown models are fi els are fi and ango K recover ional or Gravels ded chal | ottled creatine to me to me to sular to | | |
| | 3.00 | D SPT(S) | N=14 (2,3/ | 4,4,3,3) | | | | 3.00 | chal wea | lk putty ik to ve | . Gravels ry weak | s are find chalk. | | as silty gravelly um extremely | : |
| | 4.00 4.50 | D SPT(S) | N=18 (3,3/ | 4,5,5,4) | | (2.00) | | | chalk putty. Gravels are fine to medium extremely weak to very weak chalk. LEWES NODULAR CHALK | | | | | 4 | |
| | 5.00 | .00 D N=16 (6,7/4,4,4,4) | | | | | | 5.00 | | | End | of Boreho | le at 5.00m | | |
| Hole De | etails | Casing | Details | | | Waters | trike (m | bgl) | | | | Stand | ing/Chise | elling (m bgl) | |
| Depth (m bgl) | Dia. (mm) | | Dia. (mm) | Date | Dept | h Strike Depth | | | e to: Tir | me (mins) | From | То | Time | Remarks | |

| Sou | therr | า Te | sting | ST (| Consu | lt | | Start - I | nd Dat | e | Pro | ject ID: | Н | ole Typ | e: | WLS | 5 |
|---------------|----------------|-----------------|-------------------|-----------------------|------------------|------------------|-----------------|-----------|-----------------|----------------------------------|--|--|--|---|--|---------------------------|-----|
| www.southerr | ntesting.co.uk | tel:01342 | 2 333100 | www.stconsu | lt.co.uk tel:016 | 04 500020 |) | 10/09 |)/2018 | | | 13752 | | WLS | Sł | neet 1 o | |
| Project Na | me: La | nd of | f Shaws | stead Roa | d | | Rema | rks: | 57 | Co-ord 77468E - | | | | Level: | | Logger NCH | : |
| Location: | На | ale, Ke | ent | | | | Boreho | le dry. | | | | | 1 | | ' | | |
| Client: | KD |) Attw | ood & | Partners | | | | | | | | | | | | | |
| Well Wate | | Samı (m bgl) | oles and Type | Insitu Testi Res | | Level (m AOD) | Thicknes (m) | Legend | Depth (m bgl | | | Strati | um Des | scription | | | |
| | 0. | .15 | ES D HP | UCS(kPa |)=480.0 | | (0.60) | | 0.60 | CLA\ angu clink | Y with rular to seer, tile | le over sof rare clinker subangular and potter stiff mid b | r flint r flint ry frag | els are f with rare ments. | ine to med e fine brick (Topsoil). | dium k, | - |
| | 1. | .00 | D HP SPT(S) | UCS(kPa N=12 (3,3 | • | | (0.90) | | | with are | rare of fine to condec | rangish bro coarse sub d fine chall | own sa angul | andy pat ar flint v | tches. Grav | vels | 1 - |
| | 1. | .50 .60 | HP D | UCS(kPa |)=600.0 | | (0.15) | × × × | 1.50 | grav | elly CLA | id brown r AY with rar els are wea | e pato | ches or c | orangish b | rown | |
| | 2. | .00 | D SPT(S) | N= (10,10/ | | | (0.65) | | 2.30 | GRA on g to co LEW Stru chal wea | VEL with a contract with the c | ss CHALK r th occasion urfaces. Gr ubrounded DULAR CHA cream CHA . Gravels al ry weak ch DULAR CHA | nal ora ravels d chalk ALK ALK re re fine alk. | angish bi are extre c. covered e to med | rown stain emely wea l as silty gr lium extre | ak fine avelly mely | 2 - |
| | 3. | .00 | D SPT(S) | N=30 (3,4 | ./7,6,8,9) | | | | | | | iigns of struct h 18-20mm v | | | gesting 5-7m | nm | 3 - |
| | | .70 | SPT(C) | 50 (2 110mm 86n | /50 for | | (2.70) | | T | | | | | | | | 4 |
| | 5. | .00 | D | | | | | | 5.00 | | | End of E | Boreho | le at 5.00r | n | | 5 - |
| Hole D | Details | | Casing | Details | | | Water | strike (ı | n bgl) | | | S | tandi | ng/Chi | selling (m | n bgl) | |
| Depth (m bgl) | 1 | | | Dia. (mm) | Date | Dep | th Strike Depth | | | se to: Tin | ne (mins) | From | То | Time | | emarks | |
| | | | | | | | | | | | | | | | | | |

| Southe | ern Testing | g ST Consu | ılt■ | 9 | Start - Eı | nd Date | | Project ID: | : Ho | ole Type: | WLS6 | 5 |
|-------------------|------------------------|----------------------------|------------------|-----------------|------------|---------|-----------------------|-------------------------------------|--------------------------------|--|--------------|-----|
| | co.uk tel:01342 333100 | www.stconsult.co.uk tel:0: | |) | 02/04/ | ′2019 | | J13752 | | WLS | Sheet 1 o | f 1 |
| Project Name: | Land off Shaw | stead Road | | Rema | rks: | | Co-ordi | nates: 164783N | | Level: | Logger: | |
| Location: | Hale, Kent | | | Borehol | le dry. | 371 | +02L | 10470311 | | | | |
| Client: | KD Attwood & | Partners | | | | | | | | | | |
| Wall Water | Samples and | Insitu Testing | Level (m AOD) | Thickness | Legend | Depth | | C+r | ratum Des | crintion | | Τ |
| Strikes D | epth (m bgl) Type | Results | Le (m / | (m) | Legend | (m bgl) | Dark | brown slightly | | | ndv CLAY. | +- |
| | | | | (1.30) | | 2.50 | O.8n Struc Grav LEWI | el comprises fi prises coarse si | IIy. K recover ne to me CHALK | er chalk. Si ed chalk (p red as grav idum chall | relly SILT. | 2 |
| | | | | | | 5.00 | grav | | of Borehole | e at 5.00m | | 5 - |
| | | | | | | | | | | | | |
| Hole Detail | s Casing | Details | | Waters | strike (m | bgl) | | | Standir | ng/Chisel | ling (m bgl) | |
| Depth (m bgl) Dia | | Dia. (mm) Date | Dep | th Strike Depth | | | e to: Tim | e (mins) From | То | Time | Remarks | |
| | | | | | | | | | | | | |

| Southe | ern Testing | g ST Consu | ılt■ | S | tart - Er | d Date | | Project ID: | Hole Type: | WLS7 | |
|-------------------|------------------------|---------------------------|------------------|-------------------|-----------------|--------------|--|---|---|-------------------------------------|-----|
| | co.uk tel:01342 333100 | www.stconsult.co.uk tel:0 | |) | 02/04/ | | | J13752 | WLS | Sheet 1 of | 1 |
| Project Name: | Land off Shaw | stead Road | | Remar | ks: | | Co-ordi 7462E - | nates: 164878N | Level: | Logger: | |
| Location: | Hale, Kent | | | Borehole | e dry. | | | | ' | | |
| Client: | KD Attwood & | Partners | | 1 | | | | | | | |
| Water | | Insitu Testing | - Q | Thickness | | Depth | | | | | |
| | epth (m bgl) Type | Results | Level (m AOD) | (m) | Legend | (m bgl) | | | tum Description | | |
| Strikes D | epth (m bgl) Type | Results | (m / Fe | (1.60) | | 0.50 2.10 | CLAY comp coars Struc LEWI | dark brown slig with rare fine r prises fine subar se subrounded o ctureless CHALK ES NODULAR CH | htly gravelly slightled brick gravel. Grangular flint. Sand control chalk (ploughed Toperate as gravel) as gravel flat. | evel comprises cosoil). elly silt. | 2 - |
| | | | | | | 5.00 | | End of | f Borehole at 5.00m | | 4 |
| Hole Detail | | Details | 1 | Waters | trike (m | bgl) | | | Standing/Chiselli | ng (m bgl) | |
| Depth (m bgl) Dia | . (mm) Depth (m bgl) | Dia. (mm) Date | Dep | th Strike Depth (| Casing Depth Se | aled Rose | e to: Tim | e (mins) From | To Time | Remarks | |
| | | | | | | | | | | | |

| Southe | ern Testino | g ST Consu | ılt■ | 9 | Start - Eı | nd Date | ! | Project ID: | Hole Type: | WLS8 |
|--------------------|------------------------|---------------------------|------------------|-----------------|----------------|------------|---|--|---|--------------|
| | co.uk tel:01342 333100 | www.stconsult.co.uk tel:0 | | | 02/04/ | 2019 | | J13752 | WLS | Sheet 1 of 1 |
| Project Name: | Land off Shaw | stead Road | | Rema | rks: | | Co-ordi | nates: 164906N | Level: | Logger: |
| Location: | Hale, Kent | | | Borehol | le dry. | 377 | JJJL | 10450011 | | <u> </u> |
| Client: | KD Attwood & | Partners | | | | | | | | |
| Well Water Strikes | | Insitu Testing | Level (m AOD) | Thickness | Legend | Depth | | Ctrat | um Description | |
| Strikes D | epth (m bgl) Type | Results | Ley (m A | (m) | Legend | (m bgl) | Dark | | cum Description .AY (ploughed Tops | oil) - |
| | | | | (1.10) | | 2.10 | Struc Grav LEWI Extre spec grave | emely weak to w kled black CHAL es NODULAR CH ES NODULAR CH | recovered as grave e weak chalk. ALK reak thinly bedded K with bands of cru | elly silt. 1 |
| Hole Detail | | Details | · ——— | | strike (m | | . 1 | | Standing/Chiselli | |
| Depth (m bgl) Dia | . (mm) Depth (m bgl) | Dia. (mm) Date | e Dep | th Strike Depth | Casing Depth S | ealed Rose | e to: Tim | e (mins) From | To Time | Remarks |
| | | | | | | | | | | |

| Southe | ern Testing | ST Consu | lt | S | tart - Er | d Date | | Project ID: | Hole Type: | WLS9 |) |
|----------------------|------------------------|-----------------------------|------------------|-----------|--|--------------|---|--|--|-----------------------|-------------|
| www.southerntesting. | co.uk tel:01342 333100 | www.stconsult.co.uk tel:016 | 504 500020 |) | 02/04/ | | | J13752 | WLS | Sheet 1 of | |
| Project Name: | Land off Shawst | ead Road | | Remar | ks: | | <mark>Co-ordi</mark> i '458E - | nates: 164961N | Level: | Logger: | |
| Location: | Hale, Kent | | | Borehole | e dry. | | | | | | |
| Client: | KD Attwood & P | artners | | 1 | | | | | | | |
| Well Water | Samples and Ir | | Level (m AOD) | Thickness | Legend | Depth | | Stratu | ım Description | | Τ |
| \/\/\ | epth (m bgl) Type | Results | (m A | (2.40) | Legend Part Part | 0.40 2.80 | Stiff of company subar stiff of company clay stiff of company clay stiff of company stiff | brown gravelly slorises fine to medingular flint (plougorange brown verbrises fine to coar WITH FLINTS The veined reddish bridge. The transfer of the transf | ightly sandy CLAY. Ilium subrounded ghed Topsoil). Ty gravelly CLAY. Gree subangular fling own, slightly gravelly, and the second of the seco | ravel t. slightly | 2 - 3 - 5 - |
| Hole Detail | | | Dep | Watersi | | | e to: Time | | tanding/Chiselli | ng (m bgl) Remarks | |
| | | | | | | | | | | | |

| Southe | ern Testing | ST Consu | ılt■ | S | Start - Er | nd Date | | Project ID: | Hole Type: | WLS1 | 0 |
|--|------------------------|----------------------------|------------------|------------------------|------------|---------|--|-----------------------------------|---|-----------------------|----------|
| | co.uk tel:01342 333100 | www.stconsult.co.uk tel:01 | |) | 02/04/ | 2019 | | J13752 | WLS | Sheet 1 o | f 1 |
| Project Name: | Land off Shaws | tead Road | | Remai | rks: | | Co-ordi '527E - | nates: 164969N | Level: | Logger: | |
| Location: | Hale, Kent | | | Borehol | e dry. | | | | 1 | 1 | |
| Client: | KD Attwood & | Partners | | - | | | | | | | |
| Water | Samples and | | oD) | Thickness | ; , | Depth | | | | | Τ |
| | epth (m bgl) Type | Results | Level (m AOD) | (m) | Legend | (m bgl) | Dark | | tum Description | rounded | <u> </u> |
| Survey Division of the control of th | epth (m bgl) Type | Results | m) | (1.50) | | 0.30 | Stiff of frequence occurs occu | ctureless CHALK sional fine to me | ightly gravelly CLAY Gravel comprises fi recovered as grave | with ne to | 2 |
| Hole Detail Depth (m bgl) Dia | | | Dep | Waters th Strike Depth | ctrike (m | | e to: Tim | e (mins) From | Standing/Chiselli To Time | ng (m bgl) Remarks | |
| | | | | | | | | | | | |

| Southe | ern Testing | ST Consi | ult■ | S | itart - En | d Date | | Project ID: | Hole Type: | WLS11 | |
|----------------------|----------------------------|---------------------------|------------------|------------------|-----------------|------------------|-----------------------------------|-------------------------------------|--------------------------|-----------------------|------------|
| | co.uk tel:01342 333100 | www.stconsult.co.uk tel:0 | |) | 01/04/ | | | J13752 | WLS | Sheet 1 of 1 | |
| Project Name: | Land off Shawst | tead Road | | Remai | ks: | | <mark>Co-ordi</mark> i '575F - | nates: 164978N | Level: | Logger: | _ |
| Location: | Hale, Kent | | | Borehol | e dry. | <u> </u> | 0,02 | 10.07.01. | | 1 | |
| Client: | KD Attwood & F | Partners | | | | | | | | | |
| Well Water Strikes D | Samples and II | nsitu Testing Results | Level (m AOD) | Thickness (m) | Legend | Depth (m bgl) | | Stratı | um Description | | _ |
| | | | | (0.80) | | 5.00 | Weak sized | white CHALK will fint (Drillers Des | | cription). | <u>)</u> - |
| Hole Detail | | | 0 5. | Waters | trike (m | | to: Time | e (mins) From | tanding/Chiselli To Time | ng (m bgl) Remarks | _ |
| zebru (ui ngi) Dia | . (IIIIII) Depth (m ogi) [| oia. (IIIIII) Dati | e heb | ш эшке рертп | casing Depth Se | wee KOSE | to: IIm | e (mins) FIOM | To Time | neilidiKS | |
| | | | | | | | | | | | |

| Southe | ern Testin | g ST Cons | ult■ | 9 | Start - Eı | nd Date | ! | Project ID: | Hole Type: | WLS12 |
|----------------------|-------------------------------|--------------------------|------------------|------------------|----------------|------------------|-------------------------------|---|---|--------------|
| | co.uk tel:01342 333100 | www.stconsult.co.uk tel: | | | 01/04/ | 2019 | | J13752 | WLS | Sheet 1 of 1 |
| Project Name: | Land off Shav | vstead Road | | Rema | rks: | | Co-ordi | nates: 164982N | Level: | Logger: |
| Location: | Hale, Kent | | | Borehol | le dry. | 3// | / 020E - | 10498ZIV | | |
| | | | | 1 | | | | | | |
| Client: | KD Attwood 8 | | | | | | | | | |
| Well Water Strikes D | Samples and epth (m bgl) Type | d Insitu Testing Results | Level (m AOD) | Thickness (m) | Legend | Depth (m bgl) | | Strat | cum Description | |
| | | | | (3.40) | | 5.00 | medi Desc Weal coars | k white CHALK rose angular flint gES NODULAR CH | ecovered with med gravel (Drillers Desc ALK | 1 - |
| Hole Detail | | g Details | . L | | strike (m | | | | Standing/Chiselli | |
| Depth (m bgl) Dia | . (mm) Depth (m bg | Dia. (mm) Dat | e Dep | th Strike Depth | Casing Depth S | ealed Rose | e to: Tim | e (mins) From | To Time | Remarks |
| | | | | | | | | | | |

| Southe | ern Testing | ST Consu | ılt■ | 9 | Start - Ei | nd Date | | Project ID: | Hol | le Type: | WLS1 | 3 |
|----------------------|------------------------|----------------------------|------------------|-----------------|------------|---------|-----------------------------|--|------------|--------------|--------------------|-----|
| | co.uk tel:01342 333100 | www.stconsult.co.uk tel:01 | | | 01/04/ | 2019 | | J13752 | | WLS | Sheet 1 o | f 1 |
| Project Name: | Land off Shaws | tead Road | | Rema | rks: | | Co-ordi i 7593F - | nates: 165041N | L | .evel: | Logger | : |
| Location: | Hale, Kent | | | Borehol | e dry. | 311 | <u> </u> | 1030 1111 | | | l | |
| Client: | KD Attwood & | Partners | | 1 | | | | | | | | |
| Water | Samples and I | | O | Thickness | | Depth | | | _ | | | Τ |
| | epth (m bgl) Type | Results | Level (m AOD) | (m) | Legend | (m bgl) | Crift. | | atum Desci | | | - |
| | | | | (4.20) | | 5.00 | fine t Weal sized | mid brown grav to coarse angul k white CHALK I flint (Drillers D ES NODULAR C | with coar | rillers Desc | ription). | 3 5 |
| Hole Detail | | | Dan | Waters | Strike (m | | to. Tim | e (mins) From | | g/Chisellin | ng (m bgl) Remarks | |
| Depth (III ugi) Did. | · (mm) | via. (mm) Date | Бер | ar saine peptil | behul 3 | NOSE | | 0 | 10 | inne | nemal KS | |

| Southe | ern Testing | ST Cons | ult■ | S | Start - En | d Date | | Project ID: | Hole Type: | WLS14 |
|-------------------|------------------------|---------------------------|------------------|-----------------|-----------------|------------|---------------|--|---------------------|--------------|
| | co.uk tel:01342 333100 | www.stconsult.co.uk tel:0 | | | 01/04/ | 2019 | | J13752 | WLS | Sheet 1 of 1 |
| Project Name: | Land off Shaws | tead Road | | Remai | rks: | | Co-ordii | nates: 165090N | Level: | Logger: |
| Location: | Hale, Kent | | | Borehol | e dry. | 511 | 350L . | | 1 | 1 |
| Client: | KD Attwood & F | Partners | | | | | | | | |
| Well Water | Samples and I | nsitu Testing | Level (m AOD) | Thickness | Legend | Depth | | Strati | ım Description | |
| Strikes D | epth (m bgl) Type | Results | (m) | (m) | Legend | (m bgl) | Stiff r | | lly CLAY. Gravel co | mprises |
| | | | | (4.20) | | 5.00 | Weak sized | k white CHALK w flint (Drillers De: ES NODULAR CHA | | |
| Hole Detail | | | | Waters | trike (m | bgl) | | | tanding/Chiselli | ng (m bgl) |
| Depth (m bgl) Dia | . (mm) Depth (m bgl) | Dia. (mm) Dat | е Рер | th Strike Depth | Casing Depth Se | ealed Rose | e to: Time | e (mins) From | To Time | Remarks |
| | | | | | | | | | | |
| | | | | | | | | | | |

| www.southerntesting.co.uk tel:01342 333100 www.stconsult.co.uk tel:01604 500020 01/04/2019 J13752 WLS Sheet 1 | .5 | WLS1 | Hole Type: | ect ID: | Project II | ; | nd Date | tart - Er | : | t■ | ST Consu | ting | n Tes | hei | out | S |
|--|---------------|---------------------|-------------------------------------|------------|------------------------------|-------------|---------|-----------|----------|---------------|----------|----------|-----------|----------------|-------|---------|
| Color Hale, Kent Samples and Insitu Texting Samples and Insitu Tex | of 1 | Sheet 1 o | WLS | 752 | J13752 | | 2019 | 01/04/ |) | | | _ | | | | |
| Collect: KID Attwood & Partners Somehole dry. | : | Logger | Level: | N | | | | ks: | Rema | | d Road | hawste | and off S | e: l | t Nam | Project |
| Client: KD Attwood & Partners Well Water Samples and Institut Testing Seath (m leg) Type Results S (m) Stratum Description (1.60) Weak white CHALK recovered with medium to coarse angular flint (Drillers Description). Weak white CHALK recovered with medium to coarse angular flint gravel (Drillers Description). Weak white CHALK recovered with medium to coarse angular flint gravel (Drillers Description). Weak white CHALK recovered with medium to coarse angular flint gravel (Drillers Description). Weak white CHALK recovered with medium to coarse angular flint gravel (Drillers Description). Weak white CHALK recovered with medium to coarse angular flint gravel (Drillers Description). | | | | 14 | 10307014 | 7 033L | | e dry. | Boreho | | | t | ale, Ker | - | on: | Locatio |
| Well Water Samples and Institut Testing 3 | | | | | | | | | | | norc | | | | | |
| Weak white CHALK recovered with medium to coarse angular flint (prillers Description). Weak white CHALK recovered with medium to coarse angular flint (prillers Description). Weak white CHALK recovered with medium to coarse angular flint (prillers Description). Weak white CHALK recovered with medium to coarse angular flint gravel (prillers Description). | $\overline{}$ | | | | | Τ | Donth | | Thisknes | T _ ô | | | | | | Client: |
| (3.40) (3.40) (3.40) (3.40) (3.40) (3.40) (3.40) | | | | | | | | Legend | | Leve (m AO | | | | Dep | | Well |
| | 2 - | ium to ription). | ered with med I (Drillers Descri | End of Bor | lium to coarse cription). | med Desc | 5.00 | | (3.40) | | | | | | | |
| 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 | | ng (m bgl) Remarks | | | ne (mins) From | e to: Tim | | | | Den | | | | | | |
| Sept. (iii 20.) See (iiiii) See Sept. come - Front - F | | Remarks | Time | .5 | | 2.0. | 1103 | - JPm 3 | - Septi | БСР | ,, Date | , 357 DI | , Бери | <i>Σι</i> α. (| 261) | Pui (I |

APPENDIX B

Gas Monitoring Results

| | | | | | | | | C | ombine | d Gas Mo | nitoring | Data | | | | | | | | |
|-------------|------|-----|-----------------|-----|----------------|------|-----|-------|--------|----------------|----------|------|-----------------|---|------|------|------|-----------------|------|-------|
| | | | WLS1 | | | | | WLS2 | | | | | WLS3 | | | | | WLS4 | | |
| Date/ BH ID | Flow | C | CO ₂ | С | H ₄ | Flow | C | 02 | С | H ₄ | Flow | (| CO ₂ | • | CH₄ | Flow | (| CO ₂ | C | H₄ |
| | l/hr | % | GSV | % | GSV | l/hr | % | GSV | % | GSV | l/hr | % | GSV | % | GSV | l/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 |

| | | | | | | | | С | ombin | ed Gas | Monito | ring Dat | а | | | | | | | |
|-------------|------|-----|-----------------|---|-----------------|------|-----|------|-------|----------------|--------|----------|----------------|------|----------------|----------|-----|-----------------|-----|------|
| | | | WLS5 | | | | | WLS6 | | | | | WLS7 | | | | | WLS8 | | |
| Date/ BH ID | Flow | (| CO ₂ | (| CH ₄ | Flow | С | 02 | С | H ₄ | Flow | С | O ₂ | CI | H ₄ | Flo w | (| CO ₂ | C | CH₄ |
| | l/hr | % | GSV | % | GSV | l/hr | % | GSV | % | GSV | l/hr | % | GSV | % | GSV | I/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 | 8.0 | 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 |

| | | | | | | | | Co | mbine | d Gas M | lonitori | ng Dat | а | | | | | | | |
|-------------|------|-----|-----------------|-----|------|------|-----|----------------|-------|---------|----------|--------|-----------------|---|------|------|-----|-----------------|-----|----------------|
| | | | WLS9 | | | | V | NLS10 | | | | ١ | NLS11 | | | | | WLS12 | | |
| Date/ BH ID | Flow | C | .0 ₂ | С | H₄ | Flow | C | 0 ₂ | С | H₄ | Flow | (| 20 ₂ | (| CH₄ | Flow | (| CO ₂ | С | H ₄ |
| | l/hr | % | GSV | % | GSV | 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 | 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 |

| | | | | | | Com | bined Ga | as Monito | oring D | ata | | | | | |
|-------------|------|-----|-------|---|----------------|------|----------|----------------|---------|-------|------|-----|-----------------|---|------|
| | | 1 | WLS13 | | | | , | WLS14 | | | | | WLS15 | | |
| Date/ BH ID | Flow | C | | С | H ₄ | Flow | C | O ₂ | C | CH₄ | Flow | (| CO ₂ | | CH₄ |
| | 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 |

ST Consult Environmental & Geotechnical

SOIL GAS AND GROUND WATER DAILY RECORD SHEET

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

| | | | | | | | | | | - | | | | | 24, 01 1110 1100111 | | |
|-------------|----------------------------------|------|------------|----------------|--------------|-------------|------------|-----------------|-----------|-----------|------------------|-----------------------|---------------------------------------|--------------------|-----------------------------------|---|-----------------|
| | | | | | | Laı | nd Gas Da | ata | | | | Gr | oundwater Da | ıta | | Remarks | |
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H ₂ S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions | General Remarks |
| TH No. | Amblent Temperature | | ppm | mb | l/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | (soft, wet/dry, frozen etc) & Weather Conditions | General Kemarks |
| | | Р | | 0.0 | 0.0 | Р | 0.0 | 1.8 | 16.9 | 0.0 | 0.0 | 5.74 | DRY | 0.70 | | | |
| WLS1 | 1015 3 degrees | s | | 0.0 | 0.0 | S | 0.0 | 1.8 | 16.9 | 0.0 | 0.0 | 3.74 | DICT | 0.70 | | Cold, clear dry day | |
| WLST | 1015 5 degrees | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Reading | gs: | | Colu, clear dry day | |
| | | | 9 | :28 9:24 | | | | | 9:27 | | | | 9:30 | | | | |
| | | Р | | 0.0 | 0.0 | Р | 0.0 | 1.1 | 17.8 | 0.0 | 0.0 | 5.73 | DRY | 0.66 | | | |
| WLS2 | 1013 3 degrees | S | | 0.0 | 0.0 | S | 0.0 | 1.1 | 17.9 | 0.0 | 0.0 | 3.73 | DICT | 0.00 | | Cold, clear dry day | |
| WESZ | 1013 3 degrees | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tiı | me Of Reading | gs: | | cold, clear dry day | |
| | P | | | 9:32 | | | | | 9:35 | | | | 9:37 | | | | |
| | <u> </u> | | | 0.0 | 0.0 | Р | 0.0 | 0.0 | 16.7 | 0.0 | 0.0 | 5.68 | DRY | 0.60 | | | |
| WLS3 | 1013 3 degrees | s | | 0.0 | 0.0 | S | 0.0 | 0.0 | 16.7 | 0.0 | 0.0 | 0.00 | DICI | 0.00 | | Cold, clear dry day | |
| | WLS3 1013 3 degrees Time Of Read | | | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tiı | me Of Reading | gs: | | cold, cical dry ddy | |
| | | | | 9:40 | | | | | 9:43 | | | | 9:45 | | | | |
| | | Р | | -1.0 | -0.2 | Р | 0.0 | 0.0 | 20.3 | 0.0 | 0.0 | 5.66 | DRY | 0.78 | | | |
| WLS4 | 1014 3 degrees | s | | -1.0 | -0.2 | S | 0.0 | 0.0 | 20.3 | 0.0 | 0.0 | 0.00 | 5111 | 0.70 | | Cold, clear dry day | |
| ******* | TOTA 3 degrees | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tiı | me Of Reading | gs: | | cold, cical dry day | |
| | | | | 10:00 | | | | | 10:03 | | | | 10:05 | | | | |
| | | Р | | -1.0 | -0.1 | Р | 0.0 | 2.4 | 16.9 | 0.0 | 0.0 | 5.72 | DRY | 0.76 | | | |
| WLS5 | 1015 3 degrees | S | | -1.0 | -0.1 | S | 0.0 | 2.4 | 16.9 | 0.0 | 0.0 | 0.72 | DICI | 0.70 | | Cold, clear dry day | |
| *** | Time Of Readings: | | | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Reading | js: | | oola, clear ary day | | |
| | 10:10 | | | | | | | | 10:13 | | | | 10:15 | | | | |
| | | Р | | | | Р | | | | | | | | | | | |
| | | s | | | | S | | | | | | | | | | | |
| | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tiı | me Of Reading | gs: | | | | |
| | | | | | | | | | | | | | | | | | |
| P = Peak Re | ading, S = Steady rea | 1 | | Equipm | ent U | sed: Interf | ace Meter, | MiniRAE 2 | 000, GFM4 | 35 Gas An | alyser | | · · · · · · · · · · · · · · · · · · · | | Checked By | | |



SOIL GAS AND GROUND WATER DAILY RECORD SHEET

Project Name:Shawstead Road, Hale, ME5 7SGProject Engineer:JMWDate:14-Dec-18Project No:Client:K D Attwood & PartnersOperative:JMWDay of the week:FridayJ13752

| Ciletti. | | Nυ | ALLWOO | u & raitii | G 3 | | | | | Opera | itivo. | JIVIVV | | | Day of the week. | Tiluay | 313752 |
|-------------|----------------------------------|------|--------|----------------|--------------|-------|--------------|-----------------|-----------|-----------|-----------|-----------------------|----------------------|--------------------|-----------------------------------|---|-----------------|
| | | | | | | Laı | nd Gas Da | ata | | | | Gr | oundwater Da | ıta | | Remarks | |
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions | General Remarks |
| TH No. | Amblent Temperature | | ppm | mb | l/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | (soft, wet/dry, frozen etc) & Weather Conditions | General Remarks |
| | | Р | 0.1 | -2.0 | -0.5 | Р | 0.0 | 1.9 | 17.4 | 0.0 | 0.0 | 5.77 | Dry | 0.70 | | | |
| WLS1 | 0°, 1022mb | s | 0.1 | -2.0 | -0.5 | s | 0.0 | 1.9 | 17.4 | 0.0 | 0.0 | 3.77 | ыу | 0.70 | 1 | Dry, ground frost | 1 |
| WLST | 0 , 10221110 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | | Dry, ground frost | / |
| | | | | 09:47 | | | | | 09:48 | | | | 09:53 | | | | |
| | | Р | 0.1 | -1.0 | -0.5 | Р | 0.0 | 1.5 | 17.8 | 0.0 | 0.0 | 5.72 | Dry | 0.66 | | | |
| WLS2 | 0°, 1021mb | S | 0.1 | -1.0 | -0.5 | s | 0.0 | 1.5 | 17.8 | 0.0 | 0.0 | 5.72 | ыу | 0.00 | , | Dry, ground frost | / |
| WESZ | 0 , 10211110 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | TiT | ne Of Reading | js: | 1 | Dry, ground frost | / |
| | | | | 09:55 | | | | | 09:56 | | | | 10:01 | | | | |
| | P 0.0 -2.0 - | | | | | Р | 0.0 | 2.5 | 16.3 | 0.0 | 0.0 | 5.70 | Dry | 0.60 | | | |
| WLS3 | WLS3 0°. 1020mb s 0.0 -2.0 -0 | | | | -0.4 | S | 0.0 | 2.5 | 16.3 | 0.0 | 0.0 | 5.76 | 5., | 0.00 | / | Dry, ground frost | / |
| 200 | 0 , 10201110 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | , | Dry, ground frost | , |
| | | | | 10:04 | | | | | 10:05 | | | | 10:11 | | | | |
| | | Р | 0.0 | -2.0 | -0.5 | Р | 0.0 | 0.3 | 19.7 | 0.0 | 0.0 | 5.77 | Dry | 0.78 | | | |
| WLS4 | 0°, 1019mb | s | 0.0 | -2.0 | -0.5 | S | 0.0 | 0.3 | 19.7 | 0.0 | 0.0 | · | , | | / | Dry, ground frost | 1 |
| | 0 7 10 171115 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | , | Dry, ground most | , |
| | | | | 10:18 | | | | | 10:19 | | | | 10:24 | | | | |
| | | Р | 0.0 | -2.0 | -0.5 | Р | | 2.7 | 16.9 | 0.0 | 0.0 | 5.74 | Dry | 0.76 | | | |
| WLS5 | 0°, 1019mb | S | 0.0 | -2.0 | -0.5 | s | 0.0 | 2.7 | 16.9 | 0.0 | 0.0 | | | | | Dry, ground frost | / |
| | Time Of Readings: | | | | | | | | Of Readin | gs: | | liT | ne Of Reading | gs: | , | J, g - 1112 11 221 | |
| | | | | 10:26 | ı | | T | T | 10:27 | T | 1 | | 10:32 | T | | | |
| | | Р | | | | Р | | | | | | _ | | | | | |
| | | s | | | | S | | | | | | | | | | | |
| | | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Reading | gs: | | | |
| | | | | | | | | | | | | | | | | | |
| P = Peak Re | ading, S = Steady rea | ding | | | Equipm | ent U | lsed: Interf | ace Meter, | MiniRAE 2 | 000, GFM4 | 35 Gas An | alyser | | | | Checked By | |

ST Consult Environmental & Geotechnical

SOIL GAS AND GROUND WATER DAILY RECORD SHEET

 Project Name:
 Shawstead Road, Hale, ME5 7SG
 Project Engineer:
 JMW
 Date:
 09-Jan-19
 Project No:

 Client:
 K D Attwood & Partners
 Operative:
 OS
 Day of the week:
 Wednesday
 J13752

| Ciletti. | | ΝL | ALLWOO | u & raitii | | | | | | Opera | ILIVE. | | | | Day of the week. | wednesday | 313702 |
|---|--|-------|--------|----------------|--------------|-------|--------------|-----------------|-----------|-----------|-----------|-----------------------|----------------------|--------------------|-----------------------------------|---|-----------------|
| | | | | | | La | nd Gas D | ata | | | | Gr | oundwater Da | ata | | Remarks | |
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions | Concerd Demonto |
| TH No. | Amblent Temperature | | ppm | mb | l/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | (soft, wet/dry, frozen etc) & Weather Conditions | General Remarks |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 1.3 | 19.1 | 0.0 | 0.0 | 5.75 | dry | 0.70 | | | |
| WLS1 | 1022 | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 1.3 | 19.1 | 0.0 | 0.0 | 5.75 | ury | 0.70 | | dry avereast windy | |
| VVLST | 5 Degrees | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Reading | gs: | | dry, overcast, windy | |
| | | | 10:49 | | 10:43 | | | 10:44 | | 10:47 | | | 10:50 | | | | |
| | | Р | 0.0 | 0.0 | -0.1 | Р | 0.0 | 1.3 | 19.1 | 0.0 | 0.0 | 5.71 | dry | 0.67 | | | |
| WLS2 | 1022 | s | 0.0 | 0.0 | 0.0 | s | 0.0 | 1.3 | 19.1 | 0.0 | 0.0 | 5.71 | ury | 0.07 | | dry, overcast, windy | |
| VVLSZ | 5 Degrees | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | TiT | me Of Readino | gs: | | dry, overcast, willdy | |
| | 10:59 10:53 | | | | | | | 10:54 | | 10:57 | | | 11:00 | | | | |
| | c 01 00 | | | | -1.3 | Р | 0.0 | 2.4 | 17.3 | 0.0 | 0.0 | 5.70 | Dry | 0.60 | | | |
| WI \$3 | 1021 | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 2.4 | 17.3 | 0.0 | 0.0 | 3.70 | Dry | 0.00 | | dry, overcast, windy | |
| *** | NLS3 1021 5 Degrees S 0.1 0.0 0.0 0.0 Time Of Readings: | | | | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Reading | gs: | | dry, overeast, willay | |
| | | | 11:11 | 1 | 1:05 | | | 11;06 | 5 11:0 |)9 | | | 11:13 | | | | |
| | | Р | 0.0 | -0.1 | -0.2 | Р | 0.0 | 3.1 | 16.6 | 0.0 | 0.0 | 5.76 | dry | 0.80 | | | |
| WLS4 | 1021 | s | 0.0 | 0.0 | 0.0 | s | 0.0 | 3.1 | 16.6 | 0.0 | 0.0 | 0.70 | u., | 0.00 | | dry, overcast, windy | |
| .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 5 Degrees | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Readino | gs: | | ary, overeast, winay | |
| | | | 11:32 | 1 | 1:25 | | | 11:27 | 1 | 1:30 | | | 11:34 | | | | |
| | | Р | 0.0 | -6.0 | -1.8 | Р | 0.0 | 2.4 | 17.8 | 0.0 | 0.0 | 5.72 | dry | 0.80 | | | |
| WLS5 | 1021 | S | 0.0 | 0.0 | 0.0 | S | 0.0 | 2.4 | 17.8 | 0.0 | 0.0 | | . , | | | dry, overcast, windy | |
| | 5 Degrees | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Reading | gs: | | | |
| | | | 11:42 | 1 | 1:37 | | 1 | 11:38 | | 11:41 | 1 | | 11:44 | _ | | | |
| | | Р | | | | Р | | | | | | | | | | | |
| | | S | | | | S | | | | | | | | | | | |
| | | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Readino | gs: | | | |
| | | | | | | | | | | | | | | | | | |
| P = Peak Re | eading, S = Steady rea | ading | | | Equipm | ent L | Jsed: Interf | ace Meter, | MiniRAE 2 | 000, GFM4 | 35 Gas An | alyser | | | | Checked By | |

| S | Т | Co | r | ısu | lt 🚆 |
|-----|-------|--------|----|--------|---------|
| Env | riron | mental | εŧ | Geotec | chnical |

SOIL GAS AND GROUND WATER DAILY RECORD SHEET

Project Name: Shawstead Road, Hale, ME5 7SG Project Engineer: JMW Date: 23-Jan-19 Project No:

Client: K D Attwood & Partners OS Day of the week: Wednesday J13752

| | | | | | | | | | | | | | | | 24, 01 1110 1100111 | | |
|--------------|---|---|-------|----------------|--------------|-----|-----------|-----------------|-----------|-----------|-----------|-----------------------|----------------------|--------------------|-----------------------------------|---|-----------------|
| | | | | | | Laı | nd Gas Da | ata | | | | Gr | oundwater Da | ata | | Remarks | |
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions | General Remarks |
| TH No. | Ambient Temperature | | ppm | mb | I/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | (soft, wet/dry, frozen etc) & Weather Conditions | General Remarks |
| | | Р | 0.0 | 0.0 | 0.0 | Р | 0.0 | 1.4 | 19.4 | 0.0 | 0.0 | 5.75 | DRY | 0.70 | | | |
| WLS1 | 993 | S | 0.0 | 0.0 | 0.0 | S | 0.0 | 1.4 | 19.4 | 0.0 | 0.0 | 3.73 | DICT | 0.70 | | sunny, cold damp | |
| WEST | 3 Degrees | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | TiT | me Of Reading | gs: | | ground | |
| | | | 11:01 | | 10:56 | | | 10:57 | | 11:00 | | | 11:02 | | | | |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 1.7 | 17.9 | 0.0 | 0.0 | 5.62 | DRY | 0.68 | | | |
| WLS2 | 992 | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 1.7 | 17.9 | 0.0 | 0.0 | 3.02 | DICI | 0.00 | | sunny, cold damp | |
| WESZ | 3 Degrees | | Time | Of Reading | js: | | | Time (| Of Readin | gs: | | TiT | me Of Readino | gs: | | ground | |
| | | | 11:13 | 1 | 1:06 | | | 11:08 | | 11:11 | | | 11:15 | | | | |
| | | Р | 0.3 | -13.0 | -3.0 | Р | 0.0 | 2.2 | 17.1 | 0.0 | 0.0 | 5.68 | DRY | 0.60 | | | |
| WLS3 | 992 | s | 0.0 | 0.0 | 0.0 | s | 0.0 | 2.2 | 17.1 | 0.0 | 0.0 | 0.00 | 5111 | 0.00 | | sunny, cold damp | |
| | 3 Degrees | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Readino | gs: | | ground | |
| | | | 11:25 | 1 | 1:20 | | | 11:21 | 1 | 1:24 | | | 11:27 | | | | |
| | | Р | 0.0 | -7.0 | -3.1 | Р | 0.0 | 0.0 | 19.3 | 0.0 | 0.0 | 5.76 | DRY | 0.80 | | | |
| WLS4 | 992 | S | 0.0 | 0.0 | 0.0 | S | 0.0 | 0.0 | 20.0 | 0.0 | 0.0 | | | | | sunny, cold damp | |
| | 3 Degrees | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | niT | ne Of Readino | gs: | | ground | |
| | | 1 | 1:42 | | 11:35 | | 1 | 1:37 | T | 11:40 | 1 | | 11:44 | 1 | | | |
| | | Р | 0.1 | -5.0 | -1.3 | Р | -0.1 | 2.2 | 17.8 | 0.0 | 0.0 | 5.72 | DRY | 0.80 | | | |
| WLS5 | 994 | S | 0.0 | 0.0 | 0.0 | S | -0.1 | 2.2 | 17.8 | 0.0 | 0.0 | | | | | sunny, cold damp | |
| | 3 Degrees Time Of Readings: | | | | • | | | | Of Readin | _ | | Tir | ne Of Reading | gs: | | ground | |
| | | | 11:55 | 1 | 1:47 | Р | | 11:49 | Г | 11:52 | 1 | | 11:53 | 1 | | | |
| | P | | | | | | | | | | | | | | | | |
| | | S | | | | S | | | | | | | | | | | |
| | | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | | | |
| P = Peak Rea | eak Reading, S = Steady reading Equipme | | | | | | | ace Meter. | MiniRAE 2 | 000, GFM4 | 35 Gas An | alyser | | | | Checked By | |



SOIL GAS AND GROUND WATER DAILY RECORD SHEET

Project Name:Shawstead Road, Hale, ME5 7SGProject Engineer:JMWDate:08-Feb-19Project No:Client:K D Attwood & PartnersOperative:JMWDay of the week:FridayJ13752

| - | | | | | | | | | | | | | | | | | |
|-------------|----------------------------------|----------|------------|----------------|--------------|-------|-------------|-----------------|-----------|-----------|------------------|-----------------------|----------------------|--------------------|-----------------------------------|---|-----------------|
| | | | | | | La | nd Gas Da | ata | | | | Gr | oundwater Da | ita | | Remarks | |
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H ₂ S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions | General Remarks |
| TH No. | Amblent Temperature | | ppm | mb | l/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | (soft, wet/dry, frozen etc) & Weather Conditions | General Remarks |
| | | Р | 0.0 | 0.0 | -0.9 | Р | 0.0 | 0.6 | 19.9 | 0.0 | 0.0 | F 7F | Descri | 0.70 | | | |
| WLS1 | 08 1001 - | s | 0.0 | 0.0 | 0.0 | S | 0.0 | 0.6 | 19.8 | 0.0 | 0.0 | 5.75 | Dry | 0.70 | 1 | Day ourant ustadu | 1 |
| WLST | 9°, 1001mb | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | • | Tir | ne Of Reading | gs: | , | Dry, sunny, windy | 1 |
| | | | | 16:20 | | | | | 16:21 | | | | 16:26 | | | | |
| | | Р | 0.0 | 0.0 | 0.0 | Р | 0.0 | 1.6 | 18.3 | 0.0 | 0.0 | 5.72 | Dry | 0.65 | | | |
| WLS2 | 9°, 1000mb | s | 0.0 | 0.0 | 0.0 | s | 0.0 | 1.6 | 18.3 | 0.0 | 0.0 | 3.72 | ыу | 0.05 | , | Dry, sunny, windy | / |
| VVL32 | 9 , 10001110 | | Time | Of Reading | js: | | | Time (| Of Readin | gs: | | Tir | me Of Readino | gs: | / | Dry, Suriny, Windy | 1 |
| | | | | 16:12 | | | | | 16:13 | | | | 16:18 | | | | |
| <u> </u> | Р | 0.0 | 0.0 | 0.0 | Р | 0.0 | 2.1 | 16.9 | 0.0 | 0.0 | 5.68 | Dry | 0.59 | | | | |
| | S | 0.0 | 0.0 | 0.0 | S | 0.0 | 2.1 | 16.9 | 0.0 | 0.0 | 0.00 | Di y | 0.07 | , | Dry, sunny, windy | / | |
| | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Reading | gs: | , | Dry, sariny, windy | , | |
| | | | | 16:05 | | | | | 16:06 | | | | 16:11 | | | | |
| | | Р | 0.0 | 0.0 | 0.0 | Р | 0.0 | 4.7 | 13.4 | 0.0 | 0.0 | 5.76 | Dry | 0.78 | | | |
| WLS4 | 9°, 998mb | S | 0.0 | 0.0 | 0.0 | S | 0.0 | 4.6 | 13.4 | 0.0 | 0.0 | | , | | | Dry, sunny, windy | / |
| | , , , , , , , , , , , , , | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Reading | gs: | , | Dry, samry, windy | , |
| | | | | 15:40 | | | | r | 15:31 | 1 | , | | 15:36 | | | | |
| | | Р | 0.0 | 0.0 | 0.0 | Р | | 2.1 | 18.5 | 0.0 | 0.0 | 5.71 | Dry | 0.77 | | | |
| WLS5 | 9°, 998mb | S | 0.0 | 0.0 | 0.0 | S | 0.0 | 2.0 | 18.5 | 0.0 | 0.0 | | , | | / | Dry, sunny, windy | / |
| | | | Time | Of Reading | js: | | | | Of Readin | gs: | | Tir | ne Of Reading | js: | | J. J. J. | |
| | | <u> </u> | | 15:40 | | | | ı | 15:41 | T. | 1 | | 15:46 | 1 | | | |
| | | Р | | | | Р | | | | | | _ | | | | | |
| | | S | | | | S | | | | | | | | | | | |
| | | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Reading | gs: | | | |
| | | | | | | | | | | | | | | | | | |
| P = Peak Re | ading, S = Steady rea | ding | | | Equipm | ent U | sed: Interf | ace Meter, | MiniRAE 2 | 000, GFM4 | 35 Gas An | alyser | | | | Checked By | |

| ST | Co | r | ısu | lt | |
|---------|--------|----|-------|-----|------|
| Environ | mental | ٤t | Geote | chn | ical |

SOIL GAS AND GROUND WATER DAILY RECORD SHEET

Project Name:Shawstead Road, Hale, ME5 7SGProject Engineer:JMWDate:20-Feb-19Project No:Client:K D Attwood & PartnersOperative:OS/LWDay of the week:WednesdayJ13752

| | | | | | | | | | | F | | | | | 24, 6, 11,6 1,66,11 | , | |
|--------------|----------------------------------|-------|-------|----------------|--------------|-------|-------------|-----------------|-----------|-----------|------------------|-----------------------|----------------------|--------------------|-----------------------------------|---|-----------------|
| | | | | | | Lar | nd Gas Da | ata | | | | Gr | oundwater Da | ita | | Remarks | |
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H ₂ S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions | General Remarks |
| TH No. | Amblent Temperature | | ppm | Pa | I/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | (soft, wet/dry, frozen etc) & Weather Conditions | General Remarks |
| | | Р | 0.3 | 0.0 | 0.0 | Р | 0.0 | 1.3 | 19.1 | 0.0 | 0.0 | 5.65 | dry | 0.70 | | | |
| WLS1 | 1013 | s | 0.2 | 0.0 | 0.0 | s | 0.0 | 1.3 | 19.1 | 0.0 | 0.0 | 5.05 | ury | 0.70 | | Dry,sunny | |
| WEST | 10 Degrees | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | TiT | ne Of Reading | gs: | | Dry,suriny | |
| | | | 11:17 | | 11:12 | | 11 | :13 | | 11:16 | | | 11:19 | | | | |
| | | Р | 0.3 | -20.0 | -4.0 | Р | 0.0 | 1.2 | 18.9 | 0.0 | 0.0 | 5.71 | dry | 0.68 | | | |
| WLS2 | 1013 | s | 0.2 | -7.0 | -1.8 | s | 0.0 | 1.2 | 18.9 | 0.0 | 0.0 | 5.71 | ur y | 0.00 | | Dry,sunny | |
| WESZ | 10 Degrees | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | TiT | ne Of Reading | js: | | Di y,suririy | |
| | | | 11:28 | | 11:22 | | 1 | 1:23 | | 11:26 | | | 11:30 | | | | |
| | | Р | 0.5 | 0.0 | 0.0 | Р | 0.0 | 2.2 | 17.1 | 0.0 | 0.0 | 5.68 | dry | 0.60 | | | |
| WI S3 | 1012 | s | 0.2 | 0.0 | 0.0 | s | 0.0 | 2.1 | 17.1 | 0.0 | 0.0 | 3.00 | GI y | 0.00 | | Dry,sunny | |
| ***255 | WLS3 10 Degrees | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | | Di y,suririy | |
| | | | 11:32 | | 11:35 | | 1 | 1:36 | | 11:39 | | | 11:42 | | | | |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 5.5 | 11.6 | 0.0 | 0.0 | 5.76 | dry | 0.80 | | | |
| WLS4 | 1012 | S | 0.1 | 0.0 | 0.0 | S | 0.0 | 5.5 | 11.6 | 0.0 | 0.0 | 0.70 | G.) | 0.00 | | Dry,sunny | |
| | 10 Degrees | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | | Di y,saririy | |
| | | | 11:56 | | 11:50 | | | 11:51 | 1 | 1:54 | | | 11:58 | | | | |
| | | Р | 0.3 | 0.0 | 0.0 | Р | 0.0 | 1.9 | 18.5 | 0.0 | 0.0 | 5.71 | dry | 0.80 | | | |
| WLS5 | 1011 | S | 0.2 | 0.0 | 0.0 | S | 0.0 | 1.9 | 18.5 | 0.0 | 0.0 | | , | | | Dry,sunny | |
| | 10 Degrees | | | Of Reading | - | | | | Of Readin | gs: | | Tir | ne Of Reading | gs: | | - :) | |
| | | 1 | 2:10 | | 12:03 | | | 12:05 | ı | 12:08 | | | 12:11 | T | | | |
| | | Р | | | | Р | | | | | | _ | | | | | |
| | | S | | | | S | | | | | | | | | | | |
| | | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | | | |
| | | | | | | | | | | | | | | | | | |
| P = Peak Rea | ading, S = Steady rea | ading | l | | Equipme | ent U | sed: Interf | ace Meter, | MiniRAE 2 | 000, GFM4 | 35 Gas An | alyser | | | | Checked By | |

Southern Testing Environmental & Geotechnical Project Name: Shawstead Roa

| ST | Co | nsu | lt 🚆 |
|--------|---------|---------|---------|
| Enviro | nmental | & Geote | chnical |

SOIL GAS AND GROUND WATER DAILY RECORD SHEET

Project Name:Shawstead Road, Hale, ME5 7SGProject Engineer:JMWDate:06-Mar-19Project No:Client:K D Attwood & PartnersOperative:OSDay of the week:WednesdayJ13752

| Ciletti. | | N D | ALLWOO | u & raiti | 1013 | | | | | Opera | itivo. | 03 | | | Day of the week. | vveuriesuay | 313702 |
|--------------|----------------------------------|------|--------|----------------|--------------|----------|-------------|-----------------|-----------|-----------|-----------|-----------------------|----------------------|--------------------|-----------------------------------|---|---|
| | | | | | | Laı | nd Gas Da | ata | | | | Gr | oundwater Da | ıta | | Remarks | |
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions | General Remarks |
| TH No. | Amblent Temperature | | ppm | Pa | I/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | (soft, wet/dry, frozen etc) & Weather Conditions | General Remarks |
| | | Р | 0.2 | -0.2 | 0.0 | Р | 0.0 | 0.1 | 19.6 | 0.0 | 0.0 | 5.65 | dry | 0.70 | | | |
| WLS1 | 982 | s | 0.2 | 0.0 | 0.0 | S | 0.0 | 0.1 | 20.0 | 0.0 | 0.0 | 3.03 | ui y | 0.70 | | Cloudy damp ground | Bung taken out, put back in and left for 1 hour |
| VVLST | 12 Degrees | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | | Cloudy damp ground | before monitoring |
| | | | 11:46 | 1 | 1:40 | | | 11:41 | | 11:44 | | | 11:47 | | | | J |
| | | Р | 0.3 | -0.3 | 1.0 | Р | 0.0 | 1.2 | 18.7 | 0.0 | 0.0 | 5.71 | dry | 0.67 | | | |
| WLS2 | 984 | s | 0.2 | 0.0 | 0.0 | S | 0.0 | 1.2 | 18.7 | 0.0 | 0.0 | 5.71 | ui y | 0.07 | | Cloudy damp ground | |
| WLJZ | 12 Degrees | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | TiT | ne Of Reading | gs: | | Cloudy damp ground | |
| | | | 10:46 | | 10:40 | | | 10:41 | | 10:44 | | | 10:47 | | | | |
| | | Р | 0.5 | 0.0 | 0.0 | Р | 0.0 | 2.0 | 15.7 | 0.0 | 0.0 | 5.68 | dry | 0.60 | | | |
| WLS3 | 983 | s | 0.2 | 0.0 | 0.0 | S | 0.0 | 2.0 | 15.7 | 0.0 | 0.0 | 3.00 | Gi y | 0.00 | | Cloudy damp ground | |
| *** | 12 Degrees | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | | Cloudy damp ground | |
| | | | 11:00 | | 10:55 | | | 10:56 | | 10:59 | | | 11:02 | | | | |
| | | Р | 0.2 | -15.0 | -3.7 | Р | 11.6 | 12.2 | 0.1 | 0.0 | 0.0 | 5.76 | dry | 0.80 | | | |
| WLS4 | 982 | s | 0.2 | 0.0 | 0.0 | S | 11.6 | 12.0 | 0.4 | 0.0 | 0.0 | 0.70 | G.) | 0.00 | | Cloudy damp ground | |
| | 12 Degrees | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | | cloudy damp ground | |
| | | | 11:24 | 1 | 1:15 | | 1 | 1:18 | | 11:21 | | | 11:25 | | | | |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 2.1 | 18.4 | 0.0 | 0.0 | 5.71 | dry | 0.80 | | | |
| WLS5 | 982 | S | 0.1 | 0.0 | 0.0 | S | 0.0 | 2.1 | 18.4 | 0.0 | 0.0 | | | | | Cloudy damp ground | |
| | 12 Degrees | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | js: | | 9. Jan., Jan., 9. Jan. | |
| | | | 11:35 | | 11:30 | <u> </u> | 11 | ;31 | 1 | 11:34 | 1 | | 11:36 | | | | |
| | | Р | | | | Р | | | | | | _ | | | | | |
| | | s | | | | S | | | | | | | | | | | |
| | | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | | | |
| | | | | | | | | | | | | | | | | | |
| P = Peak Rea | ading, S = Steady rea | ding | | | Equipm | ent U | sed: Interf | ace Meter, | MiniRAE 2 | 000, GFM4 | 35 Gas An | alyser | | | | Checked By | |



SOIL GAS AND GROUND WATER DAILY RECORD SHEET

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

| | | | | | | | | | | 0 p 0.0 | | | | | 22, 0 | · · J | |
|-------------|----------------------------------|------------|------|----------------|--------------|-------|--------------|-----------------|-----------|-----------|------------------|-----------------------|----------------------|--------------------|-----------------------------------|---|------------------|
| | | | | | | La | nd Gas D | ata | | | | Gr | oundwater Da | ata | | Remarks | |
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H ₂ S | Depth to base of well | Water level | Helght of Cover | Details of water samples (colour, | Ground Conditions | Our and Drawarks |
| TH No. | Amblent Temperature | | ppm | Pa | l/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | (soft, wet/dry, frozen etc) & Weather Conditions | General Remarks |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 1.3 | 19.1 | 0.0 | 0.0 | 5.92 | Dry | 0.70 | | | |
| WLS1 | 1023mb, 9°C | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 1.3 | 19.1 | 0.0 | 0.0 | 5.92 | Dry | 0.70 | 1 | Dry, overcast | 1 |
| VVLST | 1023110, 9 C | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Reading | gs: | | Dry, overcast | / |
| | | | | 09:30 | | | | | 09:31 | | | | 09:36 | | | | |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 1.0 | 19.0 | 0.0 | 0.0 | 5.71 | Dry | 0.66 | | | |
| WLS2 | 1024mb, 9°C | S | 0.1 | 0.0 | 0.0 | s | 0.0 | 1.0 | 19.0 | 0.0 | 0.0 | 5.71 | ыу | 0.00 | , | Dry, overcast | / |
| WLJZ | 10241110, 9 C | | Time | Of Reading | gs: | | | Time (| Of Readin | ıgs: | | Tir | ne Of Readino | gs: | / | Dry, overcast | 1 |
| | | | | 09:58 | | | | | 09:59 | | | | 10:06 | | | | |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 2.2 | 15.7 | 0.0 | 0.0 | 5.70 | Dry | 0.60 | | | |
| WLS3 | 1023mb, 9°C | Rmh. 9°C ☐ | 0.1 | 0.0 | 0.0 | s | 0.0 | 2.2 | 15.7 | 0.0 | 0.0 | 0.70 | Diy | 0.00 | , | Dry, overcast | / |
| *** | 10231110, 3 C | | Time | Of Reading | gs: | | | Time (| Of Readin | ıgs: | | Tir | me Of Readino | gs: | , | Dry, overeast | I |
| | | | | 09:38 | | | | | 09:39 | | | | 09:44 | _ | | | |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 5.9 | 15.3 | 0.0 | 0.0 | 5.75 | Dry | 0.78 | | | |
| WLS4 | 1022mb, 9°C | S | 0.1 | 0.0 | 0.0 | S | 0.0 | 5.7 | 15.3 | 0.0 | 0.0 | 0.70 | 5.7 | 0.70 | / | Dry, overcast | / |
| ***201 | 10221110, 3 C | | Time | Of Reading | gs: | | | Time (| Of Readin | ıgs: | | Tiı | ne Of Reading | gs: | , | Dry, overeast | 1 |
| | | | | 10:13 | | | | | 10:14 | | | | 10:19 | | | | |
| | | Р | 0.0 | 0.0 | 0.0 | Р | 0.0 | 1.8 | 18.3 | 0.0 | 0.0 | 5.70 | Dry | 0.76 | | | |
| WLS5 | 1023mb, 9°C | S | 0.0 | 0.0 | 0.0 | S | 0.0 | 1.8 | 18.3 | 0.0 | 0.0 | | | | / | Dry, overcast | / |
| | 1020111010 | | Time | Of Reading | gs: | | | Time (| Of Readin | ıgs: | | Tir | me Of Readino | gs: | , | Biji ovorodst | , |
| | | | | 10:25 | | | | | 10:26 | | | | 10:31 | | | | |
| | | Р | | | | Р | | | | | | | | | | | |
| | | s | | | | S | | | | | | | | | | | |
| | | | Time | Of Reading | gs: | | | Time (| Of Readin | ıgs: | | Tir | me Of Reading | gs: | | | |
| | | | | | | | | | | | | | | | | | |
| P = Peak Re | ading, S = Steady rea | ding | | | Equipme | ent U | lsed: Interf | ace Meter, | MiniRAE 2 | 000, GFM4 | 35 Gas An | alyser | | | | Checked By | |

| ST | Co | r | ısu | lt | |
|---------|--------|----|-------|----|------|
| Environ | mental | εŧ | Geote | hn | ical |

SOIL GAS AND GROUND WATER DAILY RECORD SHEET

Project Name:Shawstead Road, Hale, ME5 7SGProject Engineer:JMWDate:04-Apr-19Project No:Client:K D Attwood & PartnersOperative:SSDay of the week:ThursdayJ13752

| | | | | | | | | | | | | | | 1 " | | | |
|--------------|----------------------------------|--------|-------|----------------|--------------|---------|---------------|-----------------|------------------|--------------|--------------|-----------------------|----------------------|--------------------|-----------------------------------|--|--------------------|
| | | | | | | La | nd Gas Da | ata | | | | Gr | oundwater Da | ata | | Remarks | |
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions (soft, wet/dry, frozen etc) & | General Remarks |
| TH No. | Ambient Temperature | | ppm | Pa | l/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | Weather Conditions | Gerielai Reiliaiks |
| | | Р | 0.1 | -1.0 | 0.0 | Р | 0.0 | 1.0 | 19.1 | 0.0 | 0.0 | | | | | | |
| WLS1 | 989mb | s | 2.0 | -1.0 | 0.0 | S | 0.0 | 1.0 | 19.1 | 0.0 | 0.0 | | | | 1 | Overcast, dry | 1 |
| WEST | 9091110 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Reading | gs: | / | Overcast, ury | 1 |
| | | | | 08:40 | | | | | 08:41 | | | | 08:46 | | | | |
| | | Р | 0.1 | 0.0 | -0.2 | Р | 2.2 | 1.4 | 2.7 | 0.0 | 0.0 | | | | | | |
| WLS2 | 987mb | s | 0.1 | 0.0 | 0.0 | S | 2.2 | 1.4 | 2.7 | 0.0 | 0.0 | | | | / | Overcast, dry | / |
| | 7071110 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | , | overcust, ary | , |
| | | | | 08:33 | | | | | 08:34 | | | | 08:39 | | | | |
| | | Р | 0.2 | -2.0 | -0.7 | Р | 0.0 | 2.4 | 16.0 | 0.0 | 0.0 | | | | | | |
| WLS3 | 988mb | s | 0.1 | 0.0 | -0.6 | S | 0.0 | 2.4 | 16.1 | 0.0 | 0.0 | | | | / | Overcast, dry | / |
| | WLS3 988mb - | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | · | , , , , , , | |
| | | | | 09:20 | | | | | 09:21 | 1 | | | 09:26 | T | | | |
| | | Р | 0.2 | 23.0 | -0.7 | Р | | 7.9 | 0.5 | 0.0 | 0.0 | | | | | | |
| WLS4 | 987mb | S | 0.2 | 0.0 | 0.0 | S | 2.2 | 7.1 | 0.0 | 0.0 | 0.0 | | | | / | Overcast, dry | / |
| | | | Time | Of Reading | gs: | | | | Of Readin | gs: | | Tir | ne Of Reading | gs: | | , | |
| | | | | 10:24 | | | | ı | 10:25 | | | | 10:30 | T | | | |
| 1 | | Р | 0.2 | 0.0 | 0.0 | P | | 2.0 | 17.7 | 0.0 | 0.0 | - | | | | | |
| WLS5 | 988mb | S | 0.2 | 0.0 | 0.0 | S | 0.0 | 2.0 | 17.7 | 0.0 | 0.0 | | os Danilla | | / | Overcast, dry | / |
| | | | ııme | Of Reading | gs: | | | | Of Readin | gs: | | " | ne Of Reading | gs: | | | |
| | | _ | 0.1 | 11:15 | ٦٢ | | 7.0 | ı | 11:16 | 0.0 | 0.0 | | 11:21 | 1 | | | |
| | | P S | 0.1 | 10.0 | 2.5 | P S | | 5.1 5.1 | 2.1 | 0.0 | 0.0 | - | | | | | |
| WLS6 | WLS6 987mb | 3 | | Of Reading | | ° | 1.0 | | ∠.⊺ Of Readin | l | 0.0 | Tir | ne Of Reading |] ns· | / | Overcast, dry | |
| | | | iiiie | 11:05 | yJ. | | | | 11:06 | ys. | | "" | 11:11 | y. | | | |
| P = Peak Res | ading, S = Steady rea | dina | | 11.00 | Fauipm | ent II | lsed: Interf: | | | 000, GFM4 | 35 Gas An | alvser | 11.11 | | | Checked By | |
| I bail No | g, 0 = 0.00dy 10d | 9 | | | Equipin | 37.1. 0 | oca: micorn | 255 11101017 | | 555, St 1417 | 55 Gus / (1) | , | | | | oriodica by | |



SOIL GAS AND GROUND WATER DAILY RECORD SHEET

 Project Name:
 Shawstead Road, Hale, ME5 7SG
 Project Engineer:
 JMW
 Date:
 04-Apr-19
 Project No:

 Client:
 K D Attwood & Partners
 Operative:
 SS
 Day of the week:
 Thursday
 J13752

| | | | | | | | | | | - p - 0 0 | | | | | 22, 0 | · · · · · J | |
|--------------|----------------------------------|----------|------------|----------------|--------------|-------|-------------|-----------------|-----------|-----------|-----------|-----------------------|----------------------|--------------------|-----------------------------------|---|-----------------|
| | | | | | | Laı | nd Gas Da | ata | | | | Gr | oundwater Da | ata | | Remarks | |
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Helght of Cover | Details of water samples (colour, | Ground Conditions | General Remarks |
| TH No. | Amblent Temperature | | ppm | Pa | I/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | (soft, wet/dry, frozen etc) & Weather Conditions | General Remarks |
| | | Р | 0.5 | 0.0 | 3.6 | Р | 0.0 | 1.1 | 18.4 | 0.0 | 0.0 | | | | | | |
| WLS7 | 987mb | s | 0.5 | 0.0 | 0.0 | S | 0.0 | 1.1 | 18.4 | 0.0 | 0.0 | | | | , | Overcast, dry | 1 |
| WEST | 7071110 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | TiT | me Of Readino | gs: | / | Overcast, ury | / |
| | | | | 11:34 | | | | | 11:35 | | | | 11:40 | | | | |
| | | Р | 0.4 | 0.0 | 1.5 | Р | 0.0 | 2.1 | 14.4 | 0.0 | 0.0 | | | | | | |
| WLS8 | 987mb | s | 0.4 | 0.0 | 0.0 | s | 0.0 | 2.1 | 14.4 | 0.0 | 0.0 | | | | / | Overcast, dry | / |
| *** | 7071110 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Reading | gs: | , | Overeast, ary | , |
| | | | | 10:14 | | | | | 10:15 | | | | 10:20 | _ | | | |
| | | Р | 2.5 | 6.0 | 1.8 | Р | 0.0 | 2.2 | 17.1 | 0.0 | 0.0 | | | | | | |
| WI S9 | 986mb | s | 2.4 | 5.0 | 1.7 | s | 0.0 | 2.2 | 17.1 | 0.0 | 0.0 | | | | / | Overcast, dry | / |
| WLS9 986mb | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Readino | gs: | , | overcust, ary | , | |
| | | <u> </u> | | 12:05 | | | | | 12:06 | | | | 12:11 | | | | |
| | | Р | 0.8 | 0.0 | 1.0 | Р | 0.0 | 1.7 | 15.1 | 0.0 | 0.0 | | | | | | |
| WLS10 | 988mb | S | 0.8 | 0.0 | 0.0 | S | 0.0 | 1.7 | 15.1 | 0.0 | 0.0 | | | | / | Overcast, dry | / |
| | | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Reading | gs: | , | o voroust, ury | , |
| | | | | 10:05 | 1 | | | 1 | 10:06 | 1 | | | 10:11 | | | | |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 0.1 | 19.7 | 0.0 | 0.0 | _ | | | | | |
| WLS11 | 987mb | S | 0.0 | 0.0 | 0.0 | S | 0.0 | 0.0 | 20.0 | 0.0 | 0.0 | | | | / | Overcast, dry | / |
| - | | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Readino | gs: | , | 2 . c. cac ., a. j | , |
| | | | | 09:20 | T | | | 1 | 09:21 | 1 | | | 09:26 | | | | |
| | | Р | 0.6 | -1.0 | -0.3 | Р | 0.0 | 0.7 | 2.7 | 0.0 | 0.0 | _ | | | | | |
| WLS12 | 986mb | s | 0.6 | -1.0 | -0.3 | S | 0.0 | 0.7 | 2.7 | 0.0 | 0.0 | | | | / | Overcast, dry | / |
| | WLS12 986mb — | | Time | Of Reading | gs: | | | | Of Readin | gs: | | Tir | me Of Reading | gs: | | , | |
| | | | | 09:13 | | | | | 09:14 | | | | 09:19 | | | | |
| P = Peak Rea | ading, S = Steady rea | iding | | | Equipme | ent U | sed: Interf | ace Meter, | MiniRAE 2 | 000, GFM4 | 35 Gas Ar | alyser | | | | Checked By | |

| ST C | onsult 🚆 |
|------------|--------------------|
| Environmen | tal & Geotechnical |

| SC | Southern lesting Environmental & Geotechnical | | | | | | | | | | | | | cal | SOIL GAS AND GR | OUND WATER DAILY RECORD SHEET | | | | |
|---|---|-------------------|------|----------------|--------------|--------|--------------|-----------------|-----------|-----------|-----------|-----------------------|----------------------|--------------------|-----------------------------------|--|-----------------|--|--|--|
| Project Name: Shawstead Road, Hale, ME5 7SG | | | | | | | | | | | | Project E | ngineer: | JMW | Date: | Date: 04-Apr-19 | | | | |
| Client: | nt: K D Attwood & Partners | | | | | | | | | | | • | | | Day of the week: | Thursday | J13752 | | | |
| Land Gas Data | | | | | | | | | | | | Gr | oundwater Da | ıta | | Remarks | | | | |
| Well / Pres TH No. | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions | General Remarks | | | |
| | Amblent Temperature | | ppm | Pa | l/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | | General Remarks | | | |
| | | Р | 0.2 | -2.0 | -0.7 | Р | 0.0 | 2.4 | 16.0 | 0.0 | 0.0 | | | | | | | | | |
| \A/I C1 2 | 000mh | S | 0.1 | 0.0 -0.6 | S | 0.0 | 2.4 | 16.0 | 0.0 | 0.0 | | | | | Overeast dry | , | | | | |
| WLS13 | 988mb | Time Of Readings: | | | | | | Time | Of Readir | igs: | | Tiı | me Of Reading | js: | 7 | Overcast, dry | / | | | |
| | | 09:20 | | | | | | | 09:21 | | | 09:26 | | | | | | | | |
| | | Р | 0.2 | -10.0 | -5.0 | Р | 0.0 | 0.3 | 19.8 | 0.0 | 0.0 | | | | | | | | | |
| WLS14 | 988mb | S | 0.2 | -8.0 | -2.0 | S | 0.0 | 0.3 | 20.2 | 0.0 | 0.0 | | | | | Overcast, dry | , | | | |
| | 9001110 | Time Of Readings: | | | | | | Time | Of Readir | ıgs: | | Tir | me Of Reading | js: | 1 | Overcast, ary | / | | | |
| | | 09:34 | | | | | | | 09:35 | | | | 09:40 | | | | | | | |
| WLS15 988mb | | Р | 0.2 | -2.0 | 1.5 | Р | 0.0 | 1.0 | 18.9 | 0.0 | 0.0 | | | | | | | | | |
| | 988mb | s | 0.2 | -2.0 | 1.0 | S | 0.0 | 0.6 | 18.9 | 0.0 | 0.0 | | | | | Overcast, dry | , | | | |
| WESTS | | Time Of Readings: | | | | | | Time | Of Readir | ıgs: | | Tir | me Of Reading | js: | / | Overcast, dry | / | | | |
| | | | | 08:33 | | | 08:34 | | | | | | 08:36 | | | | | | | |
| | | Р | | | | P | | | | | | | | | | | | | | |
| | | S | | | | S | | | | | | | | | | | | | | |
| | | | Time | Of Readin | gs: | | | Time | Of Readir | ıgs: | | Tiı | me Of Reading | js: | | | | | | |
| | | Р | | | | Р | | | | | | | | | | | | | | |
| | | s | | | | s | | | | | | | | | | | | | | |
| | | Time Of Readings: | | | | | | Time | Of Readir | igs: | • | Time Of Readings: | | | | | | | | |
| | | Р | | | | Р | | | | | | | | | | | | | | |
| | | s | | | | s | | | | | | | | | | | | | | |
| Time Of Readings: | | | | | | | | Time | Of Readir | igs: | | Tiı | me Of Reading | js: | | | | | | |
| P = Peak Rea | ding, S = Steady rea | ding | | | Equipm | nent L | Jsed: Interf | face Meter, | MiniRAE 2 | 000, GFM4 | 35 Gas An | alyser | | | | Checked By | | | | |



SOIL GAS AND GROUND WATER DAILY RECORD SHEET

Project Name:Shawstead Road, Hale, ME5 7SGProject Engineer:JMWDate:17-Apr-19Project No:Client:K D Attwood & PartnersOperative:OSDay of the week:WednesdayJ13752

| Ciletti. | | N L | ALLWOO | u & Faitii | 1013 | | | | | Opera | ILIVE. | | | | Day of the week. | wednesday | 313702 | |
|---------------|--|-------------------|--|------------|--------------|-------------------|--------|-----------------|-----------|-------|--------|-----------------------|----------------------|--------------------|-----------------------------------|--|------------------|--|
| Land Gas Data | | | | | | | | | | | | Gr | oundwater Da | ita | | Remarks | | |
| Well / | Atmospheric Pressure (mb) and Ambient Temperature | | PID | | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions (soft, wet/dry, frozen etc) & Weather Conditions | Company Domontes | |
| TH No. | | | ppm | Pa | l/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | | General Remarks | |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 1.0 | 19.2 | 0.0 | 0.0 | 5.88 | dry | 0.85 | | | | |
| WLS01 | 1012 | s | 0.2 | 0.0 | 0.0 | s | 0.0 | 1.0 | 14.2 | 0.0 | 0.0 | 3.00 | ury | 0.65 | | sunny, dry | | |
| WESOT | 11 Deegrees | Time Of Readings: | | | | | Time (| Of Readin | gs: | js: | | me Of Reading | gs: | | Suriny, dry | | | |
| | | | 10:41 10:36 | | 10:36 | 10:37 | | | | 10:40 | | | 10:45 | | | | | |
| | | Р | 0.0 | 0.0 | 0.0 | Р | 0.0 | 1.6 | 14.3 | 0.0 | 0.0 | 5.73 | dry | 0.67 | | | | |
| | 1011 | s | 0.0 | 0.0 | 0.0 | s | 0.0 | 1.6 | 14.3 | 0.0 | 0.0 | 3.73 | dry | 0.07 | | sunny, dry | | |
| WL302 | 11 Degrees | Time Of Readings: | | | | | Time (| Of Readin | gs: | | TiT | ne Of Reading | gs: | | Suring, dry | | | |
| | | 11:07 | | 11:00 | | | | 11:02 | 1 | 1:05 | | | 11:09 | | | | | |
| 1 | | Р | 0.4 | 0.0 | 0.0 | Р | 0.0 | 2.6 | 16.9 | 0.0 | 0.0 | 5.69 | dry | 0.60 | | | | |
| WLS03 | 1009 | s | 0.2 | 0.0 | 0.0 | s | 0.0 | 2.6 | 16.9 | 0.0 | 0.0 | 3.07 | | | sunny, dry | | | |
| ***2000 | 11 Degrees | | Time Of Readings: | | | Time Of Readings: | | | | | | Time Of Readings: | | | | Suring, dry | | |
| | | 11:29 11:23 | | | 11:24 1 | | | | 1:27 | | | 11:30 | | | | | | |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 4.0 | 12.0 | 0.0 | 0.0 | 5.76 | dry | 0.83 | | | | |
| WLS04 | 1007 | s | 0.1 | 0.0 | 0.0 | S | 0.0 | 3.8 | 13.8 | 0.0 | 0.0 | 0.70 | G., y | 0.00 | | sunny, dry | | |
| | 11 Degrees | Time Of Readings: | | | | | Time (| Of Readin | gs: | | Tir | me Of Reading | gs: | | Suriny, ary | | | |
| | | 12:37 12:32 | | | 12:32 | | | 2:33 | | 12:36 | | | 12:39 | | | | | |
| | | Р | 0.4 | 0.0 | 0.0 | Р | 0.0 | 1.7 | 18.5 | 0.0 | 0.0 | 5.82 | dry | 0.78 | | | | |
| WLS05 | 1006 | s | 0.3 | 0.0 | 0.0 | s | 0.0 | 1.7 | 18.5 | 0.0 | 0.0 | V.V. | / | | | sunny, dry | | |
| | 11 Degrees | | | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Reading | gs: | | 53 _J , ar j | | |
| | | | 12:59 12:53 | | 2:53 | 12:55 | | | 12 | 12:58 | | | 13:00 | | | | | |
| | | Р | 0.4 | 0.0 | 0.0 | Р | 0.0 | 0.7 | 20.1 | 0.0 | 0.0 | 5.75 | fry | 0.80 | | | | |
| WLS06 | 1007 | s | 0.3 | 0.0 | 0.0 | s | 0.0 | 0.7 | 20.5 | 0.0 | 0.0 | | , | | | sunny, dry | | |
| | 11 Degrees | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Reading | gs: | | Surity, ary | | |
| | | | 12:49 | 1 | 2:43 | | | 12:44 | | 12:47 | | | 12:50 | | | | | |
| P = Peak Re | eading, S = Steady rea | ent U | Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser | | | | | | | | | Checked By | | | | | | |



SOIL GAS AND GROUND WATER DAILY RECORD SHEET

Project Name:Shawstead Road, Hale, ME5 7SGProject Engineer:JMWDate:17-Apr-19Project No:Client:K D Attwood & PartnersOperative:OSDay of the week:WednesdayJ13752

| | | | | | | | | | | - P 0. G | | | | | 24, 01 1110 1100111 | | | |
|---------------|----------------------------------|-------------------|--|-------------------|-------|-----------------|--|-------------------------------|-----------|-----------------------|-------------|----------------------|-----------------------------------|--|---------------------|--------------------|------------------|--|
| Land Gas Data | | | | | | | | | | | | Gr | oundwater Da | ata | | Remarks | | |
| Well / | Atmospheric Pressure (mb) and | | PID | BH Flow Rate | | | CH ₄ CO ₂ O ₂ | со | CO H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions (soft, wet/dry, frozen etc) & | General Remarks | | | |
| TH No. | Amblent Temperature | | ppm | Pa | I/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | Weather Conditions | Gerierar Remarks | |
| | | Р | 0.7 | 0.0 | 0.0 | Р | 0.0 | 0.9 | 20.8 | 0.0 | 0.0 | 5.82 | dry | 0.80 | | | | |
| WLS07 | 1005 | s | 0.7 | 0.0 | 0.0 | s | 0.0 | 0.9 | 20.8 | 0.0 | 0.0 | 5.02 | ury | 0.60 | | Sunny, dry | | |
| 11 Dec | 11 Degrees | | Time | Of Readin | gs: | Time Of Reading | | | | gs: | | Tir | ne Of Reading | gs: | | Suring, dry | | |
| | | , | 13:10 13:04 | | 13:05 | | | | 13:08 | | | 13:12 | | | | | | |
| | | Р | 1.7 | 0.0 | 0.0 | Р | 0.0 | 4.3 | 8.0 | 0.0 | 0.0 | 5.80 | dry | 0.82 | | | | |
| WLS08 | 1009 | s | 1.7 | 0.0 | 0.0 | S | 0.0 | 4.3 8.0 0.0 0.0 3.60 dry 0.62 | | Sunny, dry | | | | | | | | |
| VVL300 | 11 Degrees | Time | | Time Of Readings: | | Time Of Readir | | | Of Readin | | gs: | | Time Of Readings: | | | | | |
| | | 12:26 12:20 | | 12:20 | 12:21 | | | | 12:24 | | | 12:28 | | | | | | |
| | | Р | 0.7 | 0.0 | 0.0 | Р | 0.0 | 1.2 | 20.0 | 0.0 | 0.0 | 5.89 | 5.89 dry | 0.84 | | | | |
| WLS09 | 1005 | s | 0.7 | 0.0 | 0.0 | S | 0.0 | 1.2 | 20.0 | 0.0 | 0.0 | 0.07 | GI y | 0.01 | | Sunny, dry | | |
| 772007 | 11 Degrees | Time Of Readings: | | | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | | Suring, dry | | |
| | | 13:22 | | 1 | 13:16 | | 13:17 | | | 13:20 | | 13:23 | | | | | | |
| | | Р | 0.9 | 0.0 | 0.0 | Р | 0.0 | 1.3 | 18.9 | 0.0 | 0.0 | 5.87 | dry | 0.76 | | | | |
| WLS10 | 1008 | S | 0.8 | 0.0 | 0.0 | S | 0.0 | 1.2 | 18.9 | 0.0 | 0.0 | | . , | | | Sunny, dry | | |
| | 11 Degrees | Time Of Readings: | | Time Of Readin | | | gs: | | Tir | ne Of Reading | gs: | | Suring, ary | | | | | |
| | | 12:15 | | 12:10 | | 12:11 | | 2:11 | 1 | | 12:14 | | 12:16 | | | | | |
| | | Р | 0.5 | 0.0 | 0.0 | Р | 0.0 | 1.0 | 20.0 | 0.0 | 0.0 | 5.86 | dry | 0.81 | | | | |
| WLS11 | 1008 | S | 0.4 | 0.0 | 0.0 | S | 0.0 | 1.0 | 20.1 | 0.0 | 0.0 | | , | | | Sunny, dry | | |
| | 11 Degrees | | Time Of Readings: | | gs: | Time Of Readir | | | Of Readin | gs: | | Tir | ne Of Reading | gs: | | Suring, any | | |
| | | | 11:39 | | 11:33 | | | 11:34 | | 11:37 | | | 11:40 | | | | | |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 0.8 | 17.8 | 0.0 | 0.0 | 5.81 | dry | 0.75 | | | | |
| WLS12 | 1010 | S | 0.2 | 0.0 | 0.0 | S | 0.0 | 0.8 | 17.8 | 0.0 | 0.0 | | , | | | Sunny, dry | | |
| | 11 Degrees | | | Of Reading | - | | | | Of Readin | - | | Tir | ne Of Reading | gs: | | <i>y. y</i> | | |
| | | | 11:18 | | 11:12 | | | :13 | | 11:16 | | | 11:20 | | | | | |
| P = Peak Rea | ading, S = Steady rea | Equipme | ent Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser | | | | | | | | | | Checked By | | | | | |

ST Consult ■ Southern Testing SOIL GAS AND GROUND WATER DAILY RECORD SHEET 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 Height of BH Flow Depth to base PID CH₄ CO_2 H₂S Water level Atmospheric 0_2 CO pressure Rate of well Cover **Ground Conditions** Pressure (mb) and Well / Details of water samples (colour, (soft, wet/dry, frozen etc) & General Remarks TH No. Ambient clarity, odour etc) Weather Conditions below top of m below top of Temperature % m above GL % ppm Pa I/hr % ppm ppm cover cover 0.4 0.0 0.0 8.0 20.2 0.0 0.0 0.0 5.87 dry 0.82 S 0.3 0.0 0.0 S 0.0 0.8 20.2 0.0 0.0 1009 WLS13 Dry,sunny 11 Degrees Time Of Readings: Time Of Readings: Time Of Readings: 11:49 11:43 11:44 11:47 11:50 0.7 0.0 0.0 0.0 1.1 19.2 0.0 0.0 5.86 0.77 dry S 0.5 19.2 0.0 0.0 0.0 1.1 0.0 0.0 1008 WLS14 Dry,sunny 11 Degrees Time Of Readings: Time Of Readings: Time Of Readings: 11:59 11:54 11:55 11:58 12:00 0.5 0.0 0.0 Ρ 0.0 0.6 20.2 0.0 0.0 5.91 0.84 S 0.0 S 20.2 0.0 0.5 0.0 0.0 0.6 0.0 1011 WLS15 Dry,sunny 11 Degrees Time Of Readings: Time Of Readings: Time Of Readings: 10:55 10:50 10:51 10:54 10:56 Р s S Time Of Readings: Time Of Readings: Time Of Readings: Р S S

Time Of Readings:

Time Of Readings:

Checked By

P = Peak Reading, S = Steady reading

Time Of Readings:

Time Of Readings:

P S Р

S

Time Of Readings:

Time Of Readings:

Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser



SOIL GAS AND GROUND WATER DAILY RECORD SHEET

Project Name:Shawstead Road, Hale, ME5 7SGProject Engineer:JMWDate:29-Apr-19Project No:Client:K D Attwood & PartnersOperative:JMWDay of the week:MondayJ13752

| | | | | | | Laı | nd Gas Da | ata | | | | Gr | oundwater Da | nta | • | Remarks | |
|---|----------------------------------|--------|-------|----------------|--------------|--------|--------------|-----------------|-------------------|--------------|------------|-----------------------|----------------------|--------------------|-----------------------------------|--|------------------|
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions (soft, wet/dry, frozen etc) & | General Remarks |
| TH No. | Amblent Temperature | | ppm | Pa | l/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | Weather Conditions | Gerieral Remains |
| | | Р | 1.1 | 0.0 | 0.0 | Р | 0.0 | 0.8 | 19.9 | 0.0 | 0.0 | 5.74 | Dry | 0.70 | | | |
| WLS1 | 14°, 1019mb | s | 0.9 | 0.0 | 0.0 | S | 0.0 | 0.8 | 20.0 | 0.0 | 0.0 | 5.74 | Dry | 0.70 | , | Dry, sunny | / |
| WEST | 14,10131110 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | TiT | me Of Readino | gs: | 1 | Dry, sariiry | / |
| | | | | 14:03 | | | | | 14:04 | | | | 14:09 | | | | |
| | | Р | 0.7 | 0.0 | 0.0 | Р | 0.0 | 1.8 | 19.3 | 0.0 | 0.0 | 5.73 | Dry | 0.66 | | | |
| WLS2 | 14°, 1018mb | s | 0.6 | 0.0 | 0.0 | S | 0.0 | 1.8 | 19.3 | 0.0 | 0.0 | 0.70 | 5.7 | 0.00 | / | Dry, sunny | / |
| *************************************** | 11,10101110 | | Time | Of Reading | js: | | | Time (| Of Readin | gs: | | Tir | me Of Readino | gs: | , | Dry, sainry | , |
| | | | | | | | | | | | | | | | | | |
| | | Р | 0.3 | 0.0 | 0.0 | Р | 0.0 | 2.9 | 18.1 | 0.0 | 0.0 | 5.68 | Dry | 0.60 | | | |
| WLS3 | | S | 0.1 | 0.0 | 0.0 | S | 0.0 | 2.9 | 18.1 | 0.0 | 0.0 | | | | / | Dry, sunny | / |
| | | | Time | Of Reading | js: | | | | Of Readin | gs: | | Tir | ne Of Reading | gs: | | J. J | |
| | | | | 14:32 | | | | 1 | 14:33 | | 1 | | 14:38 | 1 | | | |
| | | Р | 0.4 | 0.0 | 0.0 | Р | 0.0 | 4.1 | 18.6 | 0.0 | 0.0 | 5.66 | Dry | 0.76 | | | |
| WLS4 | 14°, 1017mb | S | 0.4 | 0.0 | 0.0 | S | 0.0 | 3.6 | 18.7 | 0.0 | 0.0 | | | | / | Dry, sunny | / |
| | | | Time | Of Reading | gs: | | | | Of Readin | gs: | | Tir | ne Of Reading | gs: | | 3 | |
| | | | | 15:14 | | | | | 15:15 | | | | 15:20 | ı | | | |
| | | Р | 0.3 | 0.0 | 0.0 | Р | 0.0 | 2.0 | 19.3 | 0.0 | 0.0 | 5.82 | Dry | 0.78 | | | |
| WSL5 | 14°, 1016mb | S | 0.3 | 0.0 | 0.0 | S | 0.0 | 2.0 | 19.3 | 0.0 | 0.0 | | 00 00 110 | | / | Dry, sunny | / |
| | | | ııme | Of Reading | js: | | | | Of Readin | gs: | | " | ne Of Reading | js: | | | |
| | | | 0.4 | 15:30 | 0.0 | P | 0.0 | 1 | 15:31 | 0.0 | 0.0 | | 15:36 | 1 | | | |
| | | P S | 0.4 | 0.0 | 0.0 | S | 0.0 | 1.0 | 19.7 | 0.0 | 0.0 | 5.75 | Dry | 0.80 | | | |
| WS6 | 14°, 1017mb | | | Of Reading | |) | 0.0 | | 19.7 Of Readin | | 0.0 | Ti, | ne Of Reading | 10. | / | Dry, sunny | / |
| | | | illie | 15:22 | ys. | | | | 15:23 | ys. | | "" | 15:28 | ys. | | | |
| D = Dook Do | ading, S = Steady rea | dina | | 13.22 | Fauinm | ent II | sed Interf | | MiniRAE 2 | 000 GEM4 | 35 Gae An | alvser | 10.20 | | | Checked By | |
| - I can No | aumy, J – Jicauy Ica | uniy | | | Equipin | ont U | Jou. IIIICII | uce Metel, | WITHINGL Z | 000, OI 1914 | oo das Ali | 413351 | | | | Checked by | |



SOIL GAS AND GROUND WATER DAILY RECORD SHEET

 Project Name:
 Shawstead Road, Hale, ME5 7SG
 Project Engineer:
 JMW
 Date:
 29-Apr-19
 Project No:

 Client:
 K D Attwood & Partners
 Operative:
 JMW
 Day of the week:
 Monday
 J13752

| Official. | | ., , | , | u a ruitii | 0,0 | | | | | Орста | | JIVIVV | | | Day of the week. | Wieriday | 310702 |
|--------------|----------------------------------|-------|------|----------------|--------------|----------|-------------|-----------------|-----------|-----------|-----------|-----------------------|----------------------|--------------------|-----------------------------------|--|-----------------|
| | | | | | | Laı | nd Gas Da | ata | | | | Gr | oundwater Da | ata | | Remarks | |
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions (soft, wet/dry, frozen etc) & | General Remarks |
| TH No. | Amblent Temperature | | ppm | Pa | I/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | Weather Conditions | General Remarks |
| | | Р | 0.5 | 0.0 | 0.0 | Р | 0.0 | 1.2 | 19.5 | 0.0 | 0.0 | 5.82 | Dry | 0.80 | | | |
| WLS7 | 14°, 1015mb | s | 0.5 | 0.0 | 0.0 | s | 0.0 | 1.2 | 19.6 | 0.0 | 0.0 | 3.02 | ыу | 0.60 | , | Dry, sunny | / |
| WL37 | 14,10151110 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Reading | gs: | / | Dry, Suriny | 1 |
| | | | | 15:37 | | | | | 15:38 | | | | 15:43 | | | | |
| | | Р | 0.0 | 0.0 | 0.0 | Р | 0.0 | 2.0 | 19.1 | 0.0 | 0.0 | 5.80 | Dry | 0.82 | | | |
| WLS8 | 14°, 1017mb | s | 0.0 | 0.0 | 0.0 | S | 0.0 | 2.0 | 19.1 | 0.0 | 0.0 | 0.00 | Di y | 0.02 | / | Dry, sunny | / |
| ***250 | 14,10171110 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tiı | ne Of Reading | gs: | , | Dry, Sariiry | , |
| | | | | 15:07 | | | | | 15:08 | | | | 15:13 | | | | |
| | | Р | 0.0 | 0.0 | 0.0 | Р | 0.0 | 0.6 | 20.2 | 0.0 | 0.0 | 5.89 | Dry | 0.84 | | | |
| WLS9 | <u> </u> | S | 0.0 | 0.0 | 0.0 | S | 0.0 | 0.6 | 20.2 | 0.0 | 0.0 | | , | | / | Dry, sunny | / |
| | , | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tiı | ne Of Reading | gs: | , | 2. y, oay | , |
| | | | | 15:45 | | | | ı | 15:46 | T | ı | | 15:51 | 1 | | | |
| | | Р | 0.5 | 0.0 | 0.0 | Р | | 0.4 | 20.0 | 0.0 | 0.0 | 5.87 | Dry | 0.76 | | | |
| WLS10 | 14°, 1016mb | S | 0.5 | 0.0 | 0.0 | S | 0.0 | 0.4 | 20.0 | 0.0 | 0.0 | | | | / | Dry, sunny | / |
| | | | Time | Of Reading | gs: | | | | Of Readin | gs: | | Tiı | ne Of Reading | gs: | · | <i>y</i> , <i>y</i> | |
| | | | | 15:00 | | | | 1 | 15:01 | 1 | 1 | | 15:06 | T | | | |
| | | Р | 0.3 | 0.0 | 0.0 | Р | | 0.5 | 20.3 | 0.0 | 0.0 | 5.86 | Dry | 0.81 | | | |
| WLS11 | 14°, 1016mb | S | 0.3 | 0.0 | 0.0 | S | 0.0 | 0.5 | 20.3 | 0.0 | 0.0 | | | | / | Dry, sunny | / |
| | | | Time | Of Reading | gs: | | | | Of Readin | gs: | | Tiı | ne Of Reading | gs: | | | |
| | | ļ , | | 14:39 | | ļ., | | | 14:40 | <u> </u> | ı | | 14:45 | T | | | |
| | | P | 0.6 | 0.0 | 0.0 | Р | 0.0 | 0.4 | 20.4 | 0.0 | 0.0 | 5.81 | Dry | 0.75 | | | |
| WLS12 | 14°, 1017mb | S | 0.6 | 0.0 | 0.0 | S | 0.0 | 0.4 | 20.4 | 0.0 | 0.0 | | O. D. " | | / | Dry, sunny | / |
| | | | lime | Of Reading | gs: | | | | Of Readin | gs: | | l Ti | me Of Reading | gs: | | | |
| D. D. J. S | dla a C. Ohand | | | 14:25 | Ft- | <u> </u> | | | 14:26 | 000 051:: | 05.0 | | 14:31 | | | Observed Dec | |
| P = Peak Rea | ding, S = Steady rea | aling | | | Equipme | ent U | sea: Interf | ace Meter, | MiniRAE 2 | υυυ, GFM4 | 35 Gas An | aıyser | | | | Checked By | |

ST Consult [■] Southern Testing SOIL GAS AND GROUND WATER DAILY RECORD SHEET 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 Height of BH Flow Depth to base PID CH₄ CO_2 H₂S Water level Atmospheric 0_2 CO pressure Rate of well Cover **Ground Conditions** Pressure (mb) and Well / Details of water samples (colour, (soft, wet/dry, frozen etc) & General Remarks TH No. Ambient clarity, odour etc) Weather Conditions below top of m below top of Temperature % m above GL % ppm Pa I/hr % ppm ppm cover cover 0.3 0.0 0.0 0.6 20.2 0.0 0.0 0.0 5.87 Dry 0.82 0.3 0.0 0.0 S 0.0 0.6 20.2 0.0 0.0 WLS13 14°, 1015mb Dry, sunny Time Of Readings: Time Of Readings: Time Of Readings: 14:46 14:47 15:51 0.2 0.0 0.0 0.0 1.3 19.5 0.0 0.0 5.86 0.77 Dry 0.0 0.0 0.2 0.0 0.0 1.3 19.5 0.0 WLS14 14°, 1015mb Dry, sunny Time Of Readings: Time Of Readings: Time Of Readings: 14:52 14:53 14:58 0.8 0.0 0.0 0.1 20.4 0.0 0.0 0.0 5.91 0.84 0.0 0.0 S 0.8 0.0 0.0 0.1 20.4 0.0 WLS15 14°, 1015mb Dry, sunny Time Of Readings: Time Of Readings: Time Of Readings: 14:10 14:11 14:16 Ρ s S

Time Of Readings:

Time Of Readings:

Time Of Readings:

Checked By

| P = Peak Reading | g, S = Steady rea | dina Faulom | l ent Used: Interface Meter, MiniRAE 2000, GFM435 Gas Ana | lvser | |
|------------------|-------------------|-------------|--|-------|--|
| | | | | | |

Time Of Readings:

S

P S P S

Р

S



SOIL GAS AND GROUND WATER DAILY RECORD SHEET

Project Name:Shawstead Road, Hale, ME5 7SGProject Engineer:JMWDate:15-May-19Project No:Client:K D Attwood & PartnersOperative:OSDay of the week:WednesdayJ13752

| | | | | | | | | | | <u> </u> | | | | | | | |
|--------------|----------------------------------|------|-------|----------------|--------------|-------|-------------|-----------------|-----------|-----------|-----------|-----------------------|----------------------|--------------------|-----------------------------------|--|------------------|
| | | | | | | Laı | nd Gas Da | ata | | | | Gr | oundwater Da | ata | | Remarks | |
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions (soft, wet/dry, frozen etc) & | General Remarks |
| TH No. | Amblent Temperature | | ppm | Pa | l/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | Weather Conditions | Gerieral Remarks |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 1.2 | 18.9 | 0.0 | 0.0 | F 0.7 | da | 0.85 | | | |
| WLS1 | 1021 | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 1.2 | 18.9 | 0.0 | 0.0 | 5.87 | dry | 0.85 | , | Cuppy dry | 1 |
| WLST | 18 Degrees | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Reading | gs: | / | Sunny, dry | 1 |
| | | | 10:31 | | 10:25 | | 10: | 26 | | 10:29 | | | 10:32 | | | | |
| | | Р | 0.4 | 0.0 | 0.0 | Р | 0.0 | 1.8 | 18.1 | 0.0 | 0.0 | 5.71 | dry | 0.67 | | | |
| WLS2 | 1019 | s | 0.3 | 0.0 | 0.0 | s | 0.0 | 1.8 | 18.1 | 0.0 | 0.0 | 3.71 | ui y | 0.07 | / | Sunny, dry | / |
| ***E32 | 18 Degrees | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | , | Suring, dry | , |
| | | 10 |):51 | | 10:46 | | 10 | 0:47 | | 10:50 | | | 10:53 | | | | |
| | | Р | 0.5 | 0.0 | 0.0 | Р | 0.0 | 2.5 | 17.5 | 0.0 | 0.0 | 5.72 | dry | 0.60 | | | |
| WLS3 | 1010 | s | 0.4 | 0.0 | 0.0 | S | 0.0 | 2.5 | 17.5 | 0.0 | 0.0 | | | | / | Sunny, dry | / |
| | 18 dDegrees | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | , | 3 d | , |
| | | | 11:12 | | 11:07 | ļ., | 11: | 09 | | 11:12 | | | 11:14 | | | | |
| | | Р | 0.3 | 0.0 | 0.0 | Р | 0.0 | 4.3 | 17.2 | 0.0 | 0.0 | 5.76 | dry | 0.83 | | | |
| WLS4 | 1016 | S | 0.2 | 0.0 | 0.0 | S | 0.0 | 3.7 | 17.7 | 0.0 | 0.0 | | | | / | Sunny, dry | / |
| | 18 Degrees | | | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Readino | gs: | , | 3 d | , |
| | | | 12:06 | T | 12:00 | | | 2:02 | 1 | 12:05 | | | 12:07 | 1 | | | |
| | | Р | 0.4 | 0.0 | 0.0 | Р | | 2.0 | 18.6 | 0.0 | 0.0 | 5.71 | dry | 0.78 | | | |
| WLS5 | 1016 18 Degrees | S | 0.2 | 0.0 | 0.0 | S | 0.0 | 2.0 | 18.6 | 0.0 | 0.0 | | | | / | Sunny, dry | / |
| | To Degrees | | | Of Reading | - | | | | Of Readin | - | | Tir | me Of Reading | gs: | | , , | |
| | | | 2:25 | T | 12:19 | | | 12:20 | | 12:23 | | | 12:26 | 1 | | | |
| | | P | 0.3 | 0.0 | 0.0 | Р | 0.0 | 2.6 | 18.5 | 0.0 | 0.0 | 5.75 | dry | 0.78 | | | |
| WLS6 | 1016 18 Degrees | S | 0.3 | 0.0 | 0.0 | S | 0.0 | 2.6 | 18.5 | 0.0 | 0.0 | | on Of Dead | | / | Sunny, dry | / |
| | 10 Dogreco | | | Of Reading | - | | | | Of Readin | - | | lir | me Of Reading | ys: | | | |
| | | | 12:14 | | 12:09 | | | 2:10 | | 12:13 | | <u> </u> | 12:26 | | | 0. 1. 1- | |
| P = Peak Rea | ading, S = Steady rea | ding | | | Equipm | ent U | sed: Interf | ace Meter, | MiniRAE 2 | 000, GFM4 | 36 Gas An | alyser | | | | Checked By | |



SOIL GAS AND GROUND WATER DAILY RECORD SHEET

Project Name:Shawstead Road, Hale, ME5 7SGProject Engineer:JMWDate:15-May-19Project No:Client:K D Attwood & PartnersOperative:OSDay of the week:WednesdayJ13752

| · | | | | | | La | nd Gas D | ata | | I | | Gr | oundwater Da | ata | | Remarks | |
|-------------|----------------------------------|----------|-------|----------------|--------------|----------|--------------|-----------------|-----------|-----------|-----------|-----------------------|----------------------|--------------------|-----------------------------------|---|-----------------|
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Helght of Cover | Details of water samples (colour, | Ground Conditions | |
| TH No. | Amblent Temperature | | ppm | Pa | l/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | (soft, wet/dry, frozen etc) & Weather Conditions | General Remarks |
| | | Р | 0.3 | 0.0 | 0.0 | Р | 0.0 | 1.5 | 19.4 | 0.0 | 0.0 | 5.81 | dry | 0.80 | | | |
| WLS7 | 1014 | S | 0.2 | 0.0 | 0.0 | s | 0.0 | 1.5 | 19.4 | 0.0 | 0.0 | 3.01 | ury | 0.00 | , | Sunny,dry | 1 |
| WEST | 18 Degrees | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tiı | ne Of Reading | gs: | , | Suring, ary | , |
| | | | 12:35 | _ | 12:30 | | | 12:31 | 1 | 2:34 | | | 12:37 | | | | |
| | | Р | 1.0 | 0.0 | 0.0 | Р | -0.1 | 4.5 | 16.8 | 0.0 | 0.0 | 5.80 | dry | 0.82 | | | |
| WLS8 | 1019 | s | 1.0 | 0.0 | 0.0 | s | 0.0 | 4.5 | 16.8 | 0.0 | 0.0 | 0.00 | G. 7 | 0.02 | / | Sunny,dry | / |
| | 18 Degrees | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tiı | ne Of Readino | gs: | , | 3 a y | , |
| | | | 11:53 | 1 | 1:47 | | | 11:49 | | 11:52 | | | 11:54 | | | | |
| | | Р | 0.4 | 0.0 | 0.0 | Р | 0.0 | 2.0 | 17.6 | 0.0 | 0.0 | 5.90 | DRY | 0.84 | | | |
| WLS9 | 1012 | S | 0.3 | 0.0 | 0.0 | S | 0.0 | 2.0 | 17.6 | 0.0 | 0.0 | | | | / | Sunny,dry | / |
| | 18 Degrees | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tiı | me Of Reading | gs: | · | - · · · · · · · · · · · · · · · · · · · | |
| | | | 12:46 | | 12:40 | | ı | 12;41 | 1 | 2:44 | ı | | 12:47 | 1 | | | |
| | | Р | 0.7 | 0.0 | 0.0 | Р | 0.0 | 1.5 | 16.1 | 0.0 | 0.0 | 5.88 | dry | 0.76 | | | |
| WLS10 | 1014 | S | 0.6 | 0.0 | 0.0 | S | 0.0 | 1.5 | 16.1 | 0.0 | 0.0 | | | | / | Sunny,dry | / |
| | 18 Degrees | | | Of Readin | - | | | | Of Readin | • | | Ti | ne Of Reading | gs: | | 5 . 5 | |
| | | | 12:59 | 1 | 2:54 | | | 2:55 | F | 12:58 | ı | | 13:00 | Т | | | |
| | | Р | 0.5 | 0.0 | 0.0 | P | 0.0 | 2.0 | 18.7 | 0.0 | 0.0 | 5.87 | dry | 0.81 | | | |
| WLS11 | 1017 18 Degrees | S | | 0.0 | 0.0 | S | 0.0 | 2.0 | 18.7 | 0.0 | 0.0 | | | | / | Sunny,dry | / |
| | To Dogroes | | | Of Readin | - | | | | Of Readin | - | | Ti | me Of Reading | gs: | | | |
| | | | 11:22 | 1 | 1:17 | <u> </u> | 1 | 11:18 | | 11:21 | | | 11:24 | 1 | | | |
| | | P | 0.3 | 0.0 | 0.0 | P | 0.0 | 1.6 | 19.1 | 0.0 | 0.0 | 5.81 | dry | 0.60 | | | |
| WLS12 | 1018 18 Degrees | S | 0.2 | Of Doodin | 0.0 | S | 0.0 | 1.6 | 19.1 | 0.0 | 0.0 | | mo Of Dead's | | / | Sunny,dry | / |
| | 10 209,003 | | | Of Readin | - | | | | Of Readin | • | | " | me Of Reading | gs: | | | |
| | | <u> </u> | 11:02 | | 10:56 | <u> </u> | | 10:57 | | 1:00 | · | <u> </u> | 11:04 | | | 0 | |
| P = Peak Re | eading, S = Steady rea | ading | | | Equipme | ent L | Jsed: Interf | ace Meter, | MiniRAE 2 | 000, GFM4 | зь Gas An | alyser | | | | Checked By | |

ST Consult ■ Southern Testing SOIL GAS AND GROUND WATER DAILY RECORD SHEET Project Name: Shawstead Road, Hale, ME5 7SG Project Engineer: **JMW** Date: 15-Apr-19 Project No: OS J13752 Client: K D Attwood & Partners Operative: Day of the week: Monday Land Gas Data **Groundwater Data** Remarks Height of BH Flow Depth to base PID CH₄ CO_2 H₂S Water level Atmospheric 0_2 CO pressure Rate of well Cover **Ground Conditions** Pressure (mb) and Well / Details of water samples (colour, (soft, wet/dry, frozen etc) & General Remarks TH No. Ambient clarity, odour etc) Weather Conditions below top of m below top of Temperature % m above GL % ppm Pa I/hr % ppm ppm cover cover 0.3 0.0 0.0 0.0 1.6 19.2 0.0 0.0 5.88 dry 0.82 S 0.2 0.0 0.0 S 0.0 1.6 19.2 0.0 0.0 1017 WLS13 Dry, sunny 18 Degrees Time Of Readings: Time Of Readings: Time Of Readings: 11:31 11:26 11:27 11:30 11:33 0.3 0.0 0.0 0.0 1.5 18.8 0.0 0.0 5.86 0.77 dry s 0.2 0.0 0.0 0.0 0.0 1.5 18.8 0.0 1017 WLS14 Dry, sunny 18 Degrees Time Of Readings: Time Of Readings: Time Of Readings: 11:35 11:36 11:39 11:41 11:40 0.4 0.0 0.0 Ρ 0.0 0.7 19.6 0.0 0.0 5.90 0.84 S 0.0 S 0.0 0.3 0.0 0.0 0.7 19.6 0.0 1019 WLS15 Dry, sunny 18 Degrees Time Of Readings: Time Of Readings: Time Of Readings: 10:40 10:35 10:36 10:39 10:42 Р s S Time Of Readings: Time Of Readings: Time Of Readings:

Time Of Readings:

Time Of Readings:

Checked By

| P = Peak Reading, S = Steady reading |
|--------------------------------------|
| May 17 |

S

P S Time Of Readings:

Time Of Readings:

P S

Р

S

Time Of Readings:

Time Of Readings:

Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser

ST Consult Environmental & Geotechnical

SOIL GAS AND GROUND WATER DAILY RECORD SHEET

 Project Name:
 Shawstead Road, Hale, ME5 7SG
 Project Engineer:
 JMW
 Date:
 15-Oct-19
 Project No:

 Client:
 K D Attwood & Partners
 Operative:
 GC
 Day of the week:
 Tuesday
 J13752

| | | | | | | La | nd Gas D | ata | | | | Gr | oundwater Da | ita | | Remarks | |
|-------------|----------------------------------|--------|--------|----------------|--------------|--------|--------------|-----------------|--------------|-----------|-----------|-----------------------|----------------------|--------------------|-----------------------------------|---|-----------------|
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions | Canada Damada |
| TH No. | Amblent Temperature | | ppm | Pa | l/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | (soft, wet/dry, frozen etc) & Weather Conditions | General Remarks |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 2.3 | 17.2 | 0.0 | 0.0 | 5.74 | dry | 0.71 | | | |
| wls1 | 14c | S | 0.2 | 0.0 | 0.0 | s | 0.0 | 2.3 | 17.2 | 0.0 | 0.0 | 3.74 | ury | 0.71 | , | Damp Sunny | 1 |
| WIST | 1011 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tiı | ne Of Reading | gs: | , | Breeze | , |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 1.9 | 18.4 | 0.0 | 0.0 | 5.73 | dry | 0.66 | | | |
| wls2 | 14c | S | 0.1 | 0.0 | 0.0 | s | 0.0 | 1.9 | 18.4 | 0.0 | 0.0 | 5.75 | ury | 0.00 | , | Damp Sunny | 1 |
| WISZ | Time Of Readings P 0.1 0.0 | | | gs: | | | Time (| Of Readin | gs: | | Tiı | ne Of Reading | js: | , | Breeze | 1 | |
| | | P S | 0.1 | 0.0 | 0.0 | P S | 0.0 | 2.7 | 17.6 17.6 | 0.0 | 0.0 | 5.68 | dry | 0.61 | | Damp | |
| wls3 | 14c 1011 | 3 | | Of Reading | | 3 | 0.0 | | Of Readin | | 0.0 | Ti | ne Of Reading | 70: | / | Sunny | / |
| | | | Tillle | Of Reading | ys. | | | Tille | oi Reauiii | ys. | | "" | ne or Reading | js. | | Breeze | |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 1.7 | 18.3 | 0.0 | 0.0 | 5.76 | dry | 0.82 | | | |
| wls4 | 14c | S | 0.1 | 0.0 | 0.0 | s | 0.0 | 1.7 | 18.3 | 0.0 | 0.0 | 3.70 | ury | 0.62 | , | Damp Sunny | 1 |
| VV154 | 1011 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tiı | ne Of Reading | gs: | , | Breeze | 1 |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 3.1 | 18.1 | 0.0 | 0.0 | F 74 | de | 0.70 | | | |
| wls5 | 14c | S | 0.2 | 0.0 | 0.0 | s | 0.0 | 3.1 | 18.1 | 0.0 | 0.0 | 5.74 | dry | 0.79 | , | Damp Sunny | 1 |
| WISO | 1011 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tiı | ne Of Reading | js: | / | Breeze | 1 |
| | | Р | 0.3 | 0.0 | 0.0 | Р | 0.0 | 1.4 | 19.2 | 0.0 | 0.0 | 5.75 | dny | 0.76 | | | |
| wls6 | 14c | s | 0.1 | 0.0 | 0.0 | S | 0.0 | 1.4 | 19.2 | 0.0 | 0.0 | 3.75 | dry | 0.76 | , | Damp | , |
| WISO | 1011 | | Time | Of Reading | gs: | | • | Time (| Of Readin | gs: | • | Tiı | me Of Reading | js: | / | Sunny Breeze | / |
| P = Peak Re | eading, S = Steady rea | ding | | | Equipm | ent U | Jsed: Interf | ace Meter, | MiniRAE 2 | 000, GFM4 | 35 Gas An | alyser | | | | Checked By | |



SOIL GAS AND GROUND WATER DAILY RECORD SHEET

 Project Name:
 Shawstead Road, Hale, ME5 7SG
 Project Engineer:
 JMW
 Date:
 15-Oct-19
 Project No:

 Client:
 K D Attwood & Partners
 Operative:
 GC
 Day of the week:
 Tuesday
 J13752

| | | | | | | Lar | nd Gas Da | ata | | | | Gr | oundwater Da | ıta | · | Remarks | · |
|-------------|----------------------------------|------|------|----------------|--------------|--------|--------------|-----------------|---------------------|-----------|-----------|-----------------------|----------------------|--------------------|-----------------------------------|---|----------------------|
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions | Our real Description |
| TH No. | Amblent Temperature | | ppm | Pa | I/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | (soft, wet/dry, frozen etc) & Weather Conditions | General Remarks |
| | | Р | 0.3 | 0.0 | 0.0 | Р | 0.0 | 2.8 | 18.9 | 0.0 | 0.0 | 5.83 | da | 0.01 | | | |
| wls7 | 14c | s | 0.2 | 0.0 | 0.0 | s | 0.0 | 2.8 | 18.9 | 0.0 | 0.0 | 0.00 | dry | 0.81 | 1 | damp | 1 |
| WIS7 | 1011 | | Time | Of Reading | js: | | | Time (| Of Readin | gs: | | Tir | me Of Reading | js: | 1 | sunny breeze | 1 |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 3.4 | 17.1 | 0.0 | 0.0 | 5.79 | de | 0.00 | | | |
| wls8 | 14c | s | 0.1 | 0.0 | 0.0 | S | 0.0 | 3.4 | 17.1 | 0.0 | 0.0 | 5.79 | dry | 0.82 | 1 | damp | 1 |
| WISO | 1012 Tim | | Time | Of Reading | js: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | js: | 1 | sunny breeze | 1 |
| | | | | 0.0 | 0.0 | P S | 0.0 | 2.1 | 17.9 17.9 | 0.0 | 0.0 | 5.90 | dry | 0.84 | | damp | |
| wls9 | 14c 1011 | 3 | | Of Reading | | 3 | 0.0 | | l 17.7 Of Readin | | 0.0 | Tir | ne Of Reading | Js: | / | sunny breeze | 1 |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 3.7 | 18.1 | 0.0 | 0.0 | | | | | | |
| | | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 3.7 | 18.1 | 0.0 | 0.0 | 5.86 | dry | 0.77 | | damp | |
| wls10 | 14c 1011 | | | Of Reading | | | 0.0 | | Of Readin | | 0.0 | Tir | l me Of Reading | Js: | / | sunny breeze | / |
| | | Р | 0.3 | 0.0 | 0.0 | Р | 0.0 | 1.4 | 18.5 | 0.0 | 0.0 | | | | | | |
| | 14c | s | 0.2 | 0.0 | 0.0 | s | 0.0 | 1.4 | 18.5 | 0.0 | 0.0 | 5.87 | dry | 0.82 | | damp | _ |
| wls11 | 1012 | | Time | Of Reading | js: | | | Time (| of Readin | gs: | | Tir | ne Of Reading | js: | | sunny breeze | / |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 2.8 | 19.2 | 0.0 | 0.0 | 5.00 | | 0.77 | | | |
| 10 | 14c | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 2.8 | 19.2 | 0.0 | 0.0 | 5.80 | dry | 0.77 | , | damp | , |
| wls12 | 1011 | | Time | Of Reading | js: | | | Time (| Of Readin | gs: | I | Tir | ne Of Reading | gs: | / | sunny breeze | / |
| P = Peak Re | ading, S = Steady rea | ding | | | Equipm | ent U | sed: Interfa | ace Meter, | MiniRAE 2 | 000, GFM4 | 35 Gas An | alyser | | | | Checked By | |

ST Consult ■ Southern Testing SOIL GAS AND GROUND WATER DAILY RECORD SHEET Project Name: Shawstead Road, Hale, ME5 7SG Project Engineer: **JMW** Date: 15-Oct-19 Project No: Client: K D Attwood & Partners Operative: Day of the week: Tuesday J13752 Land Gas Data **Groundwater Data** Remarks Height of BH Flow Depth to base PID CH₄ CO_2 H₂S Water level Atmospheric 0_2 CO pressure Rate of well Cover **Ground Conditions** Pressure (mb) and Details of water samples (colour, Well / (soft, wet/dry, frozen etc) & General Remarks TH No. Ambient clarity, odour etc) Weather Conditions below top of m below top of Temperature % m above GL % ppm Pa I/hr % ppm ppm cover cover 0.2 0.0 0.0 2.1 18.4 0.0 0.0 0.0 5.87 dry 0.83 damp S 0.2 0.0 0.0 S 0.0 2.1 18.4 0.0 0.0 14c wls13 sunny 1012 Time Of Readings: Time Of Readings: Time Of Readings: breeze 0.1 0.0 0.0 2.7 0.0 0.0 17.9 0.0 5.85 0.78 dry damp S 0.1 0.0 0.0 0.0 2.7 17.9 0.0 0.0 14c wls14 sunny 1012 Time Of Readings: Time Of Readings: Time Of Readings: breeze 0.1 0.0 0.0 0.0 0.0 1.8 18.8 0.0 5.90 0.83 dry damp S S 0.1 0.0 0.0 0.0 1.8 18.8 0.0 0.0 14c wls15 sunny 1011 Time Of Readings: Time Of Readings: Time Of Readings: breeze Р s S Time Of Readings: Time Of Readings: Time Of Readings: Р S S Time Of Readings: Time Of Readings: Time Of Readings:

Time Of Readings:

Checked By

| May | 17 | |
|-----|----|--|

P = Peak Reading, S = Steady reading

Р

S

Time Of Readings:

Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser

P S

Time Of Readings:



SOIL GAS AND GROUND WATER DAILY RECORD SHEET

Checked By

Project Name:Shawstead Road, Hale, ME5 7SGProject Engineer:JMWDate:31-Oct-19Project No:Client:K D Attwood & PartnersOperative:GCDay of the week:ThursdayJ13752

| Client: | | K D | Attwoo | d & Partn | ers | | | | | Opera | itive: | GC | | | Day of the week: | Thursday | J13752 |
|---|----------------------------------|-------------------------|--------|----------------|--------------|-----|-----------|-----------------|-----------|-------|--------|-----------------------|----------------------|--------------------|-----------------------------------|--|------------------|
| | | | | | | Lai | nd Gas Da | ata | | | | Gr | oundwater Da | ata | | Remarks | |
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions (soft, wet/dry, frozen etc) & | General Remarks |
| TH No. | Ambient Temperature | | ppm | Pa | l/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | Weather Conditions | Gerierar Remains |
| | | Р | 0.5 | 0.0 | 0.0 | Р | 0.0 | 1.6 | 17.9 | 0.0 | 0.0 | 5.74 | DRY | 0.71 | | | |
| WLS1 | 11c | s | 0.3 | 0.0 | 0.0 | s | 0.0 | 1.6 | 17.9 | 0.0 | 0.0 | 0.71 | BIXI | 0.71 | / | Damp, sunny, breezy | / |
| *************************************** | 1009 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Ti | me Of Reading | gs: | , | Damp, sumry, breezy | , |
| | | | 13:0 | 5 13:0 | 00 | | | 13:0 | 1 - 13:0 | 4 | | | 13:06 | | | | |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 2.5 | 18.9 | 0.0 | 0.0 | 5.73 | DRY | 0.66 | | | |
| WLS2 | 11c | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 2.5 | 18.9 | 0.0 | 0.0 | 0.70 | DIKI | 0.00 | / | Damp, sunny, breezy | / |
| WESE | 1009 | Time Of Readings: 13:08 | | gs: | | | Time (| Of Readin | gs: | | Ti | me Of Reading | gs: | , | Damp, Sumry, breezy | , | |
| | | 13:08 P 0.2 0.0 0. | | | | | | 13:09 | | | | 13:14 | | | | | |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 3.1 | 18.4 | 0.0 | 0.0 | 5.68 | DRY | 0.61 | | | |
| WLS 3 | 11c | s | 0.2 | 0.0 | 0.0 | s | 0.0 | 3.1 | 18.4 | 0.0 | 0.0 | 0.00 | BIXI | 0.01 | / | Damp, sunny, breezy | / |
| WESS | 1009 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Ti | me Of Reading | gs: | / | Damp, sumry, breezy | / |
| | | | | 13:20 | | | | | 13:21 | | | | 13:26 | | | | |
| | | Р | 0.1 | 0.0 | 0.0 | P | 0.0 | 2.9 | 17.1 | 0.0 | 0.0 | 5.76 | DRY | 0.82 | | | |
| WLS4 | 11c | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 2.9 | 17.1 | 0.0 | 0.0 | 3.70 | DIXI | 0.02 | / | Damp, sunny, breezy | / |
| WEST | 1009 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Ti | me Of Reading | gs: | / | Damp, sumry, breezy | / |
| | | | | 13:33 | | | | | 13:35 | | | | 13:40 | | | | |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 2.0 | 19.2 | 0.0 | 0.0 | 5.74 | DRY | 0.79 | | | |
| WLS5 | 11c | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 2.0 | 19.2 | 0.0 | 0.0 | 5.74 | DIXI | 0.77 | / | Damp, sunny, breezy | / |
| WESS | 1009 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Ti | me Of Reading | gs: | , | Damp, sumry, breezy | , |
| | | | | 13:43 | | | | | 13:44 | | | | 13:49 | | | | |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 1.6 | 19.8 | 0.0 | 0.0 | 5.75 | DRY | 0.76 | | | |
| WLS 6 | 11c | s | 0.1 | 0.0 | 0.0 | S | 0.0 | 1.6 | 20.0 | 0.0 | 0.0 | 50 | 5 | 0.70 | / | Damp, sunny, breezy | / |
| *************************************** | 1009 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Ti | me Of Reading | gs: | , | Damp, Jamiy, breezy | , |
| | | | | 13:52 | | | | | 13:55 | | | | 14:00 | | | | |

Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser

P = Peak Reading, S = Steady reading



SOIL GAS AND GROUND WATER DAILY RECORD SHEET

| Project Name: | Shawstead Road, Hale, ME5 7SG | | Project Engineer: | JMW | Date: | 31-0ct-19 | Project No: |
|---------------|-------------------------------|------------|-------------------|-----|------------------|-----------|-------------|
| Client: | K D Attwood & Partners | Operative: | GC | | Day of the week: | Thursday | J13752 |

| | | | | | | Laı | nd Gas Da | ata | | | | Gr | oundwater Da | ata | • | Remarks | • |
|-------------|----------------------------------|----------|-------|----------------|--------------|----------|-------------|-----------------|-----------|-----------|-----------|-----------------------|----------------------|--------------------|-----------------------------------|--|------------------|
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Helght of Cover | Details of water samples (colour, | Ground Conditions (soft, wet/dry, frozen etc) & | General Remarks |
| TH No. | Amblent Temperature | | ppm | Pa | I/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | Weather Conditions | Gerielai Remaiks |
| | | Р | 0.3 | 0.0 | 0.0 | Р | 0.0 | 1.2 | 18.9 | 0.0 | 0.0 | 5.83 | dry | 0.81 | | | |
| WLS7 | 11c | S | 0.3 | 0.0 | 0.0 | S | 0.0 | 1.2 | 18.9 | 0.0 | 0.0 | 3.03 | ury | 0.01 | , | Damp, sunny, breezy | / |
| WEST | 1010 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | TiT | me Of Readino | gs: | / | Damp, saminy, breezy | 1 |
| | | | | 14:05 | | | | | 14:06 | | | | 14:11 | | | | |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 4.3 | 19.1 | 0.0 | 0.0 | 5.79 | dry | 0.82 | | | |
| WLS8 | 11c | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 3.1 | 19.1 | 0.0 | 0.0 | 3.77 | ui y | 0.02 | / | Damp, sunny, breezy | / |
| *** | 1011 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | , | Damp, Samily, breezy | , |
| | | | | 14:15 | | | | | 14:16 | | | | 14:21 | | | | |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 1.5 | 17.8 | 0.0 | 0.0 | 5.90 | dry | 0.84 | | | |
| WLS9 | 11c | S | 0.0 | 0.0 | 0.0 | S | 0.0 | 1.5 | 17.8 | 0.0 | 0.0 | | / | | / | Damp, sunny, breezy | / |
| | 1010 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | niT. | ne Of Reading | gs: | , | 2 ap, 3 a y, 2. 3 a 2 y | , |
| | | | | 14:23 | T | | | 1 | 14:25 | T | T | | 14:30 | | | | |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 6.0 | 19.0 | 0.0 | 0.0 | 5.86 | dry | 0.77 | | | |
| WLS10 | 11c | S | 0.1 | 0.0 | 0.0 | S | 0.0 | 6.0 | 19.0 | 0.0 | 0.0 | | | | / | Damp, sunny, breezy | / |
| | 1011 | | Time | Of Readin | gs: | | | | Of Readin | gs: | | Tir | ne Of Reading | gs: | · | , , , , , , , , , , , | |
| | | | | 14:33 | | | | ı | 14:35 | | ı | | 14:40 | | | | |
| | | Р | 0.4 | 0.0 | 0.0 | Р | 0.0 | 3.4 | 18.2 | 0.0 | 0.0 | 5.87 | dry | 0.82 | | | |
| WLS11 | 11c 1011 | S | 0.2 | 0.0 | 0.0 | S | 0.0 | 3.4 | 18.2 | 0.0 | 0.0 | | | | / | Damp, sunny, breezy | / |
| | 1011 | | Time | Of Readin | gs: | | | | Of Readin | gs: | | Tir | ne Of Readino | gs: | | | |
| | | ļ., | | 14:45 | | ļ., | | 1 | 14:46 | _ | | | 14:51 | F | | | |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 2.8 | 19.1 | 0.0 | 0.0 | 5.80 | dry | 0.77 | | | |
| WLS12 | 11c 1010 | S | 0.1 | 0.0 | 0.0 | S | 0.0 | 2.8 | 20.0 | 0.0 | 0.0 | | 05 5 " | | / | Damp, sunny, breezy | / |
| | 1010 | | l'ime | Of Readin | gs: | | | | Of Readin | gs: | | Tir | me Of Reading | gs: | | | |
| | | <u> </u> | | 14:53 | | <u> </u> | | | 14:54 | | | | 14:59 | | | a | |
| P = Peak Re | ading, S = Steady rea | iding | | | Equipm | ent U | sea: Interf | ace Meter, | MiniRAE 2 | 000, GFM4 | 36 Gas An | aıyser | | | | Checked By | |

ST Consult ■ Southern Testing SOIL GAS AND GROUND WATER DAILY RECORD SHEET Project Name: Shawstead Road, Hale, ME5 7SG Project Engineer: **JMW** Date: 31-Oct-19 Project No: J13752 Client: K D Attwood & Partners Operative: Day of the week: Thursday Land Gas Data **Groundwater Data** Remarks Height of BH Flow Depth to base PID CH₄ CO_2 H₂S Water level Atmospheric 0_2 CO pressure Rate of well Cover **Ground Conditions** Pressure (mb) and Well / Details of water samples (colour, (soft, wet/dry, frozen etc) & General Remarks TH No. Ambient clarity, odour etc) Weather Conditions below top of m below top of Temperature % m above GL % ppm Pa I/hr % ppm ppm cover cover 0.4 0.0 0.0 4.3 17.9 0.0 0.0 0.0 5.87 dry 0.83 S 0.2 0.0 0.0 S 0.0 4.3 17.9 0.0 0.0 11c WLS13 Damp, sunny, breezy 1010 Time Of Readings: Time Of Readings: Time Of Readings: 15:10 15:12 15:17 0.1 0.0 0.0 0.0 4.0 18.8 0.0 0.0 5.85 0.78 dry S 0.0 0.1 0.0 0.0 0.0 4.0 18.8 0.0 11c Damp, sunny, breezy WLS14 1009 Time Of Readings: Time Of Readings: Time Of Readings: 15:19 15:20 15:25 0.1 0.0 0.0 2.8 20.1 0.0 0.0 0.0 5.90 0.83 S 0.0 S 0.0 0.1 0.0 0.0 2.8 20.1 0.0 11c Damp, sunny, breezy WLS15 1009 Time Of Readings: Time Of Readings: Time Of Readings: 15:26 15:31 15:32 Ρ s S Time Of Readings: Time Of Readings: Time Of Readings: Р

Time Of Readings:

Time Of Readings:

Checked By

| May 17 | |
|--------|--|

P = Peak Reading, S = Steady reading

S

Р

S

Time Of Readings:

Time Of Readings:

Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser

S

S

Time Of Readings:

Time Of Readings:

ST Consult Environmental & Geotechnical

SOIL GAS AND GROUND WATER DAILY RECORD SHEET

Project Name:Shawstead Road, Hale, ME5 7SGProject Engineer:JMWDate:13-Nov-19Project No:Client:K D Attwood & PartnersOperative:TAADay of the week:WednesdayJ13752

| | | | | | | La | nd Gas Da | ata | | | | Gr | oundwater Da | ata | | Remarks | |
|--------------|---------------------------------------|-------|------|----------------|--------------|-------|---------------|-----------------|-----------|-----------|-----------|-----------------------|----------------------|--------------------|-----------------------------------|---|-----------------|
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions | Constal Demonto |
| TH No. | Amblent Temperature | | ppm | Pa | l/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | (soft, wet/dry, frozen etc) & Weather Conditions | General Remarks |
| | | Р | 0.8 | 0.0 | 0.0 | Р | 0.0 | 0.9 | 19.6 | 0.0 | 0.0 | 5.74 | DRY | 0.71 | | | |
| WLS1 | 10c | s | 0.8 | 0.0 | 0.0 | s | 0.0 | 0.9 | 19.6 | 0.0 | 0.0 | 5.74 | DICI | 0.71 | , | Cold, sunny | / |
| | 998 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Readinç | gs: | , | cold, salilly | , |
| | | Р | 0.6 | 0.0 | 0.0 | Р | 0.0 | 1.7 | 18.0 | 0.0 | 0.0 | 5.73 | DRY | 0.66 | | | |
| WLS2 | 10c | s | 0.5 | 0.0 | 0.0 | s | 0.0 | 1.6 | 18.0 | 0.0 | 0.0 | 3.73 | DICI | 0.00 | , | Cold, sunny | / |
| VVLJZ | 998 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Readino | gs: | , | colu, sullity | , |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 2.7 | 17.9 | 0.0 | 0.0 | 5.68 | DRY | 0.82 | | | |
| C2 I/A/ | 10c | s | 0.2 | 0.0 | 0.0 | s | 0.0 | 2.7 | 17.9 | 0.0 | 0.0 | 5.08 | DRY | 0.82 | , | Cold, sunny | 1 |
| VVLSS | /LS3 10c 5 0.2 0.0 Time Of Readings: | | | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Readino | gs: | / | Colu, Sullily | 1 | |
| | 998 | | | | | | | | 0 | | | | | | | | |
| | | Р | 0.0 | 0.0 | 0.0 | Р | 0.0 | 3.2 | 16.3 | 0.0 | 0.0 | 5.76 | DRY | 0.79 | | | |
| WLS4 | 10c | s | 0.0 | 0.0 | 0.0 | s | 0.0 | 3.2 | 16.5 | 0.0 | 0.0 | 0.70 | DICI | 0.77 | / | Cold, sunny | / |
| | 998 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Readinç | gs: | , | oold, salling | , |
| | | Р | 0.0 | 0.0 | 0.0 | Р | 0.0 | 2.1 | 18.2 | 0.0 | 0.0 | 5.74 | DRY | 0.79 | | | |
| \/\/I \$5 | 10c | s | 0.0 | 0.0 | 0.0 | s | 0.0 | 2.0 | 18.2 | 0.0 | 0.0 | 5.74 | DKI | 0.79 | , | Cold, sunny | / |
| VVLJJ | WLS5 10c 998 Time Of Read | | | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Readino | gs: | , | colu, sullily | 1 |
| | | Р | 0.0 | 0.0 | 0.0 | Р | 0.0 | 0.8 | 19.4 | 0.0 | 0.0 | 5.75 | DRY | 0.76 | | | |
| WLS6 | W// S6 10c | | 0.0 | 0.0 | 0.0 | s | 0.0 | 0.8 | 19.4 | 0.0 | 0.0 | 3./5 | אט | 0.76 | , | Cold suppy | 1 |
| WL30 | S6 10c 998 S 0.0 0.0 Time Of Readings | | | | | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | / | Cold, sunny | I |
| P = Peak Rea | ading, S = Steady rea | ading | | | Equipme | ent U | Jsed: Interfa | ace Meter, | MiniRAE 2 | 000, GFM4 | 35 Gas An | alyser | | | | Checked By | |



SOIL GAS AND GROUND WATER DAILY RECORD SHEET

Checked By

 Project Name:
 Shawstead Road, Hale, ME5 7SG
 Project Engineer:
 JMW
 Date:
 13-Nov-19
 Project No:

 Client:
 K D Attwood & Partners
 Operative:
 TAA
 Day of the week:
 Wednesday
 J13752

| Client: | | ΚD | Attwoo | od & Partn | ers | | | | | Opera | itive: | TAA | | | Day of the week: | Wednesday | J13752 |
|---------|----------------------------------|--------|--------|----------------|--------------|----------|----------|-----------------|-------------------|-------|--------|-----------------------|----------------------|--------------------|-----------------------------------|---|-----------------|
| | | | | | | La | nd Gas D | ata | | | | Gı | oundwater Da | ata | | Remarks | |
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions | General Remarks |
| TH No. | Amblent Temperature | | ppm | Pa | l/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | (soft, wet/dry, frozen etc) & Weather Conditions | General Remarks |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 1.0 | 19.4 | 0.0 | 0.0 | 5.83 | DRY | 0.81 | | | |
| WLS 7 | 10°C 998MB | S | 0.2 | 0.0 | 0.0 | s | 0.0 | 1.0 | 19.6 | 0.0 | 0.0 | 3.03 | DICT | 0.01 | , | Cold, sunny | 1 |
| VVL3 / | 10 C 996IVIB | | Time | Of Readin | gs: | | | Time | Of Readin | ıgs: | | Ti | me Of Reading | gs: | / | Colu, Suriny | / |
| | | | | 12:00 | | | | | 12:05 | | | | 12:07 | | | | |
| | | Р | 0.0 | 0.0 | 0.0 | Р | 0.0 | 0.7 | 19.8 | 0.0 | 0.0 | 5.79 | DRY | 0.82 | | | |
| WLS 8 | 10°C 998MB | S | 0.0 | 0.0 | 0.0 | s | 0.0 | 0.7 | 19.8 | 0.0 | 0.0 | 5.77 | DICT | 0.02 | / | Cold, sunny | / |
| ***200 | 10 0 7701015 | | Time | Of Readin | gs: | | | Time | Of Readin | ıgs: | | Ti | me Of Reading | gs: | , | Gold, Salling | , |
| | | | | 12:10 | | | | | 12:15 | | | | 12:17 | | | | |
| | | Р | 0.0 | 0.0 | 0.0 | Р | 0.0 | 0.4 | 20.1 | 0.0 | 0.0 | 5.90 | DRY | 0.84 | | | |
| WLS 9 | WLS 9 10°C 998MB | S | 0.0 | 0.0 | 0.0 | S | 0.0 | 0.4 | 20.1 | 0.0 | 0.0 | | | | / | Cold, sunny | / |
| | | | Time | Of Readin | gs: | | | Time | Of Readin | ıgs: | | Ti | me Of Reading | gs: | , | oora, sarriy | , |
| | | L. | | 12:20 | r | | | 1 | 12:25 | , | , | | 12:27 | | | | |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 0.3 | 19.8 | 0.0 | 0.0 | 5.86 | DRY | 0.77 | | | |
| WLS10 | 10°C 998MB | S | 0.2 | 0.0 | 0.0 | S | 0.0 | 0.3 | 19.8 | 0.0 | 0.0 | | | | / | Cold, sunny | / |
| | | | Time | Of Readin | gs: | | | | Of Readin | ıgs: | | Ti | me Of Reading | gs: | | , , | |
| | | | | 12:30 | | | | 1 | 12:35 | 1 | 1 | | 12:37 | | | | |
| | | Р | 0.1 | 0.0 | 0.0 | P | 0.0 | 0.5 | 19.8 | 0.0 | 0.0 | 5.87 | DRY | 0.82 | | | |
| WLS 11 | 10°C 998MB | S | 0.1 | 0.0 | 0.0 | S | 0.0 | 0.5 | 19.8 | 0.0 | 0.0 | | 000 " | | / | Cold, sunny | / |
| | | | lime | Of Readin | gs: | | | | Of Readin | igs: | | " | me Of Reading | gs: | | | |
| | | | 0.2 | 12:40 | 0.0 | <u> </u> | 0.0 | | 12:45 | | 0.0 | | 12:47 | | | | |
| | | P S | 0.3 | 0.0 | 0.0 | P | 0.0 | 0.5 0.5 | 19.9 | 0.0 | 0.0 | 5.80 | DRY | 0.77 | | | |
| WLS12 | 10°C 998MB | 5 | 0.3 | Of Readin | 0.0 | S | 0.0 | | 20.0 Of Readin | 0.0 | 0.0 | TI | me Of Reading | de: | / | Cold, sunny | / |
| | S12 10°C 998MB - | | rime | 12:49 | ys. | | | | 12:50 | iys: | | " | 12:55 | ys. | | | |
| | | | | 12:49 | | | | | 12:50 | | | | 12:55 | | | | |

Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser

P = Peak Reading, S = Steady reading

ST Consult ■ Southern Testing SOIL GAS AND GROUND WATER DAILY RECORD SHEET Project Name: Shawstead Road, Hale, ME5 7SG Project Engineer: JMW Date: 13-Nov-19 Project No: TAA J13752 Client: K D Attwood & Partners Operative: Day of the week: Wednesday Land Gas Data **Groundwater Data** Remarks Height of BH Flow Depth to base PID CH₄ CO_2 H₂S Water level Atmospheric 0_2 CO pressure Rate of well Cover **Ground Conditions** Well / Pressure (mb) and Details of water samples (colour, (soft, wet/dry, frozen etc) & General Remarks TH No. Ambient clarity, odour etc) Weather Conditions below top of m below top of Temperature % m above GL % ppm Pa I/hr % ppm ppm cover cover 0.1 0.0 0.0 0.6 19.8 0.0 0.0 0.0 5.87 DRY 0.83 0.1 0.0 0.0 S 0.0 0.6 19.8 0.0 0.0 WLS13 10°C 998MB Cold, sunny Time Of Readings: Time Of Readings: Time Of Readings: 13:00 13:05 13:07 0.0 0.0 0.0 0.0 1.0 19.1 0.0 0.0 5.85 DRY 0.78 0.0 0.0 0.0 0.0 0.0 1.0 19.1 0.0 Cold, sunny WLS 14 10°C 998MB Time Of Readings: Time Of Readings: Time Of Readings: 13:10 13:15 13:17 0.4 0.0 0.0 20.3 0.0 0.0 0.1 0.0 5.90 0.83 DRY 0.0 S 0.0 S 0.4 0.0 0.0 0.1 20.3 0.0 WLS 15 10°C 998MB Cold, sunny Time Of Readings: Time Of Readings: Time Of Readings: 13:25 12:26 13:31 Ρ s S Time Of Readings: Time Of Readings: Time Of Readings:

| | | S | | | | S | | | | | | | | | | |
|---|--|---|--------|-----------|-----|---|--------|-----------|------|---|----|---------------|-----|---|---|--|
| ı | | Т | ime Of | f Reading | gs: | | Time (| Of Readin | ıgs: | | Ti | me Of Reading | ıs: | | • | |
| I | | | | | | | | | | | | | | | | |
| ľ | | Р | | | | Р | | | | | | | | | | |
| ı | | s | | | | S | | | | | 1 | | | | | |
| | | Ţ | ime Of | f Reading | gs: | 1 | Time (| Of Readin | ıgs: | 1 | Ti | me Of Reading | ıs: | | | |
| I | | | | | | | | | | | | | | | | |
| ı | | | | | | 1 | | | | | | | | l | | |

Checked By

Р

Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser

P = Peak Reading, S = Steady reading





SOIL GAS AND GROUND WATER DAILY RECORD SHEET

 Project Name:
 Shawstead Road, Hale, ME5 7SG
 Project Engineer:
 JMW
 Date:
 28-Nov-19
 Project No:

 Client:
 K D Attwood & Partners
 Operative:
 GC
 Day of the week:
 Thursday
 J13752

| | | | | | | La | nd Gas D | ata | | | | Gr | oundwater Da | ata | | Remarks | |
|-------------|----------------------------------|----------|-------|----------------|--------------|----------|--------------|-----------------|-----------|-----------|-----------|-----------------------|----------------------|--------------------|-----------------------------------|---|-----------------|
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions | Our and Daniela |
| TH No. | Amblent Temperature | - | ppm | Pa | I/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | (soft, wet/dry, frozen etc) & Weather Conditions | General Remarks |
| | | Р | 0.5 | 0.0 | 0.0 | Р | 0.0 | 2.8 | 19.8 | 0.0 | 0.0 | 5.74 | dry | 0.71 | | | |
| WLS1 | 9с | S | 0.5 | 0.0 | 0.0 | s | 0.0 | 2.8 | 19.8 | 0.0 | 0.0 | 3.74 | ury | 0.71 | , | wet, cold, overcast | 1 |
| WEST | 996 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tiı | ne Of Readino | gs: | , | wet, cold, overcast | / |
| | | | 12:04 | 12: | 00 | | | 12:0 | 1 - 12:0 | 4 | | | 12:05 | | | | |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 2.1 | 17.8 | 0.0 | 0.0 | 5.73 | dry | 0.66 | | | |
| WLS2 | 9c | S | 0.2 | 0.0 | 0.0 | s | 0.0 | 2.1 | 17.8 | 0.0 | 0.0 | 0.70 | GI y | 0.00 | / | wet, cold, overcast | / |
| | 997 | | Time | Of Reading | js: | | | Time (| Of Readin | gs: | | Tir | ne Of Readino | gs: | , | wet, cold, overeast | , |
| | | | 12:25 | 12 | 2:20 | | | 12:2 | 1 - 12:2 | 4 | | | 12:25 | | | | |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 3.5 | 18.1 | 0.0 | 0.0 | 5.68 | dry | 0.82 | | | |
| WLS3 | 9c | S | 0.2 | 0.0 | 0.0 | S | 0.0 | 3.5 | 18.1 | 0.0 | 0.0 | | , | | / | wet, cold, overcast | / |
| | 996 | | Time | Of Reading | js: | | | Time (| Of Readin | gs: | | Tiı | ne Of Reading | gs: | · | , , | |
| | | | 12:45 | 12 | | | 1 | 12:4 | 1 - 12:4 | | ı | | 12:45 | T | | | |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 4.1 | 17.2 | 0.0 | 0.0 | 5.76 | dry | 0.79 | | | |
| WLS4 | 9c 996 | S | 0.0 | 0.0 | 0.0 | S | 0.0 | 4.1 | 17.2 | 0.0 | 0.0 | | | | / | wet, cold, overcast | / |
| | 990 | | | Of Reading | - | | | | Of Readin | • | | Tiı | ne Of Readino | gs: | | | |
| | | | 14:14 | ı | 1 | | | | 0 - 14:1 | | | | 14:14 | T | | | |
| | | Р | 0.2 | 0.0 | 0.0 | P | 0.0 | 2.5 | 17.6 | 0.0 | 0.0 | 5.74 | dry | 0.79 | | | |
| WLS5 | 9c 997 | S | 0.1 | 0.0 | 0.0 | S | 0.0 | 2.5 | 17.7 | 0.0 | 0.0 | т. | 06 Dec 11 | | / | wet, cold, overcast | / |
| | ,,, | | | Of Reading | - | | | | Of Readin | - | | " | ne Of Reading | gs: | | | |
| | | | 14:36 | 1 | | | 0.0 | | 2 - 14:3 | | 0.0 | | 14:37 | Ī | | | |
| | | Р | 0.3 | 0.0 | 0.0 | Р | 0.0 | 1.8 | 20.1 | 0.0 | 0.0 | 5.75 | dry | 0.76 | | | |
| WLS6 | 9c 997 | S | 0.2 | 0.0 | 0.0 | S | 0.0 | 1.8 | 20.1 | 0.0 | 0.0 | T1. | no Of Booding |] ac: | / | wet, cold, overcast | / |
| | | | | Of Reading | - | | | | Of Readin | | | "" | ne Of Reading | ys: | | | |
| | | <u> </u> | 14:24 | 14 | | <u> </u> | | | 1 - 14:2 | | | <u></u> | 14:25 | | | 0 | |
| r = reak Re | eading, S = Steady rea | adıng | | | Equipme | ent U | isea: Interf | ace Meter, | MiniRAE 2 | 000, GFM4 | 36 Gas An | aıyser | | | | Checked By | |





SOIL GAS AND GROUND WATER DAILY RECORD SHEET

 Project Name:
 Shawstead Road, Hale, ME5 7SG
 Project Engineer:
 JMW
 Date:
 28-Nov-19
 Project No:

 Client:
 K D Attwood & Partners
 Operative:
 GC
 Day of the week:
 Thursday
 J13752

| | | | | | | La | nd Gas D | ata | | | | Gr | oundwater Da | ata | | Remarks | |
|-------------|----------------------------------|----------|---------|----------------|--------------|-------|--------------|-----------------|-----------|-----------|------------------|-----------------------|----------------------|--------------------|-----------------------------------|---|-------------------|
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H ₂ S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions | Our coal Demander |
| TH No. | Amblent Temperature | | ppm | Pa | l/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | (soft, wet/dry, frozen etc) & Weather Conditions | General Remarks |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 1.3 | 18.9 | 0.0 | 0.0 | 5.83 | DRY | 0.81 | | | |
| WLS7 | 9c | s | 0.1 | 0.0 | 0.0 | S | 0.0 | 1.3 | 18.9 | 0.0 | 0.0 | 5.05 | DKI | 0.61 | , | wet, cold, overcast | 1 |
| VVL3/ | 996 | | Time | Of Reading | gs: | | | Time | Of Readin | gs: | | Tir | me Of Reading | gs: | / | wet, colu, overcast | / |
| | | | 15:01 | 14 | 4:56 | | | 14:5 | 57 - 15:0 | 0 | | | 15:01 | | | | |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 0.9 | 19.6 | 0.0 | 0.0 | 5.79 | DRY | 0.82 | | | |
| WLS8 | 9c | s | 0.1 | 0.0 | 0.0 | S | 0.0 | 0.9 | 19.6 | 0.0 | 0.0 | 5.77 | DICT | 0.02 | , | wet, cold, overcast | / |
| WESO | 996 | | Time | Of Reading | gs: | | | Time | Of Readin | gs: | | Tir | me Of Reading | gs: | , | wet, cold, overeast | , |
| | | | 14:01 | 1; | 3:56 | | | 13:5 | 57 - 14:0 | 0 | | | 14:01 | | | | |
| | | Р | 0.3 | 0.0 | 0.0 | Р | 0.0 | 1.2 | 19.8 | 0.0 | 0.0 | 5.90 | DRY | 0.84 | | | |
| WLS9 | 9c | s | 0.3 | 0.0 | 0.0 | S | 0.0 | 1.2 | 19.8 | 0.0 | 0.0 | | | | / | wet, cold, overcast | / |
| | 996 | | Time | Of Reading | gs: | | | Time | Of Readin | gs: | | Tir | me Of Reading | gs: | , | wot, cold, overcast | , |
| | | ļ., | 15:14 | 15 | :09 | | | 15:1 | 10 - 15:1 | 3 | | | 15:15 | | | | |
| | | Р | 0.3 | 0.0 | 0.0 | Р | 0.0 | 2.1 | 18.5 | 0.0 | 0.0 | 5.86 | DRY | 0.77 | | | |
| WLS10 | 9c | S | 0.2 | 0.0 | 0.0 | S | 0.0 | 2.1 | 18.5 | 0.0 | 0.0 | | | | / | wet, cold, overcast | / |
| | 996 | | Time | Of Reading | gs: | | | Time | Of Readin | gs: | | Tiı | me Of Reading | gs: | , | , , , , , , , , , , , , , , , , , , , | , |
| | | | 13:47 | 1 | 3:42 | | ı | 13:4 | 13 - 13:4 | 6 | ı | | 13:47 | 1 | | | |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 2.3 | 19.1 | 0.0 | 0.0 | 5.87 | DRY | 0.82 | | | |
| WLS11 | 9c | s | 0.1 | 0.0 | 0.0 | S | 0.0 | 2.3 | 19.1 | 0.0 | 0.0 | | | | / | wet, cold, overcast | / |
| | 997 | | | Of Reading | gs: | | | Time | Of Readin | gs: | | Tiı | me Of Reading | gs: | | 11, 22.2, 2.2.200 | , |
| | | <u> </u> | 13:01 | 12 | :55 | | 1 | 12:5 | 56 - 13:0 | 0 | 1 | | 13:01 | 1 | | | |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 1.7 | 20.0 | 0.0 | 0.0 | 5.80 | DRY | 0.77 | | | |
| WLS12 | 9c | s | 0.1 | 0.0 | 0.0 | S | 0.0 | 1.7 | 20.0 | 0.0 | 0.0 | | | | / | wet, cold, overcast | / |
| | 996 | | | Of Reading | gs: | | | Time | Of Readin | gs: | | Tiı | me Of Reading | gs: | | 11, 22.2, 2.2.200 | · |
| | | 12:3 | 35 12:3 | 10 | | | 12:3 | 31 - 12:3 | 4 | | | 12:35 | | | | | |
| P = Peak Re | eading, S = Steady rea | ading | | | Equipm | ent l | Jsed: Interf | ace Meter, | MiniRAE 2 | 000, GFM4 | 35 Gas An | alyser | | | | Checked By | |

Southern Testing Environmental & Geotechnical Project Name: Shawstead Client: K D Attwo

| ST Co | nsult 🚆 |
|---------------|----------------|
| Environmental | & Geotechnical |

SOIL GAS AND GROUND WATER DAILY RECORD SHEET

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

| | | | | | | | | | | | | | | | 229 31 3113 113311 | | 0.0702 |
|-------------|----------------------------------|------|-------|----------------|--------------|-------|--------------|-----------------|-----------|-----------|-----------|-----------------------|----------------------|--------------------|-----------------------------------|--|-----------------|
| | | | | | | La | nd Gas D | ata | | | | Gr | oundwater Da | ita | | Remarks | |
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions (soft, wet/dry, frozen etc) & | General Remarks |
| TH No. | Amblent Temperature | | ppm | Pa | l/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | Weather Conditions | General Remarks |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 1.8 | 18.6 | 0.0 | 0.0 | 5.87 | de | 0.83 | | | |
| WLS13 | 9c | s | 0.2 | 0.0 | 0.0 | S | 0.0 | 1.8 | 18.6 | 0.0 | 0.0 | 5.87 | dry | 0.83 | , | wet, cold, overcast | 1 |
| NLSIS | 997 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Reading | gs: | , | wet, colu, overcast | / |
| | | | 13:15 | 1 | 3:10 | | | 13:1 | 1 - 13:1 | 4 | | | 13:15 | | | | |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 2.6 | 17.9 | 0.0 | 0.0 | 5.85 | dny | 0.70 | | | |
| WLS14 | 9c | s | 0.1 | 0.0 | 0.0 | S | 0.0 | 2.6 | 17.9 | 0.0 | 0.0 | 3.03 | dry | 0.70 | , | wet, cold, overcast | , |
| WLS14 | 997 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tiı | me Of Reading | js: | , | wet, coid, overcast | / |
| | | | 13:23 | , | 13:18 | | | 13:1 | 9 - 13:2 | 2 | | | 13:23 | | | | |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 1.9 | 19.3 | 0.0 | 0.0 | 5.90 | dry | 0.83 | | | |
| WLS15 | 9c | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 1.9 | 19.3 | 0.0 | 0.0 | 3.90 | ui y | 0.63 | , | wet, cold, overcast | , |
| WLSTS | 996 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tiı | me Of Reading | gs: | , | wet, colu, overcast | / |
| | | | 12:15 | | 12:10 | | | 12:1 | 1 - 12:1 | 4 | | | 12:15 | | | | |
| | | Р | | | | Р | | | | | | | | | | | |
| | | s | | | | S | | | | | |] | | | | | |
| | | | Time | Of Readin | gs: | | | Time (| Of Readin | igs: | | Tii | me Of Reading | js: | | | |
| | | Р | | | | Р | | | | | | | | | | | |
| | | s | | | | S | | | | | |] | | | | | |
| | | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tiı | me Of Reading | js: | | | |
| | | Р | | | | Р | | | | | | | | | | | |
| | | s | | | | S | | | | | | | | | | | |
| | | | Time | Of Readin | | | | Time (| Of Readin | gs: | | Tii | me Of Reading | gs: | | | |
| | | | | | | | | | | | | | | | | | |
| P = Peak Re | ading, S = Steady rea | ding | | | Equipm | ent U | lsed: Interf | ace Meter, | MiniRAE 2 | 000, GFM4 | 35 Gas An | alyser | | | | Checked By | |

Southern Testing Environmental & Geotechnical Project Name: Shawstead Ro



SOIL GAS AND GROUND WATER DAILY RECORD SHEET

 Project Name:
 Shawstead Road, Hale, ME5 7SG
 Project Engineer:
 JMW
 Date:
 16-Dec-19
 Project No:

 Client:
 K D Attwood & Partners
 Operative:
 GC
 Day of the week:
 Monday
 J13752

| Ciletti. | | N D | ALLWOO | u & Faitii | 013 | | | | | Opera | LIVO. | GC | | | Day of the week. | ivioriday | 313702 |
|--------------|----------------------------------|------|------------|----------------|--------------|-------|-------------|-----------------|-----------|-----------|------------------|-----------------------|----------------------|--------------------|-----------------------------------|--|-----------------|
| | | | | | | Lar | nd Gas Da | ata | | | | Gr | oundwater Da | ata | | Remarks | |
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | СО | H ₂ S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions (soft, wet/dry, frozen etc) & | General Remarks |
| TH No. | Amblent Temperature | | ppm | Pa | I/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | Weather Conditions | General Remarks |
| | | Р | 0.6 | 0.0 | 0.0 | Р | 0.0 | 2.1 | 18.4 | 0.0 | 0.0 | 5.74 | DRY | 0.71 | | | |
| WLS1 | 9c | s | 0.6 | 0.0 | 0.0 | S | 0.0 | 2.1 | 18.4 | 0.0 | 0.0 | 5.74 | DKI | 0.71 | , | Chily | 1 |
| WLST | 1001 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | , | Cloudy Damp | 7 |
| | | Р | 0.5 | 0.0 | 0.0 | Р | 0.0 | 1.9 | 20.0 | 0.0 | 0.0 | 5.73 | DRY | 0.66 | | | |
| WLS2 | 9c | s | 0.5 | 0.0 | 0.0 | s | 0.0 | 1.9 | 20.0 | 0.0 | 0.0 | 3.73 | DICI | 0.00 | / | Chily Cloudy | / |
| WEGZ | 999 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Readinç | gs: | , | Damp | , |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 4.1 | 17.3 | 0.0 | 0.0 | F / O | DDV | 0.00 | | | |
| VVII C 2 | 9c | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 4.1 | 17.3 | 0.0 | 0.0 | 5.68 | DRY | 0.82 | , | Chily | ı |
| VVLSS | WLS3 9c 1000 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | / | Cloudy Damp | / |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 2.8 | 17.1 | 0.0 | 0.0 | 5.76 | DRY | 0.79 | | | |
| WLS4 | 9c | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 2.8 | 17.1 | 0.0 | 0.0 | 5.76 | DRT | 0.79 | , | Chily Cloudy | 1 |
| WL34 | 1001 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | / | Damp | / |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 3.7 | 16.2 | 0.0 | 0.0 | 5.74 | DRY | 0.79 | | | |
| WLS5 | 9c | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 3.7 | 16.2 | 0.0 | 0.0 | 5.74 | DRT | 0.79 | , | Chily Cloudy | 1 |
| WVLSS | 1001 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | / | Damp | 1 |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 1.8 | 19.3 | 0.0 | 0.0 | 5.75 | DRY | 0.76 | | | |
| WLS6 | WI S6 90 | | 0.0 | 0.0 | 0.0 | s | 0.0 | 1.8 | 19.3 | 0.0 | 0.0 | 3.73 | ואט | 0.76 | , | Chily | 1 |
| VVLSO | 1001 | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | | Cloudy Damp | 1 | |
| P = Peak Rea | ading, S = Steady rea | ding | | | Equipme | ent U | sed: Interf | ace Meter, | MiniRAE 2 | 000, GFM4 | 35 Gas An | alyser | | | | Checked By | |



SOIL GAS AND GROUND WATER DAILY RECORD SHEET

 Project Name:
 Shawstead Road, Hale, ME5 7SG
 Project Engineer:
 JMW
 Date:
 16-Dec-19
 Project No:

 Client:
 K D Attwood & Partners
 Operative:
 GC
 Day of the week:
 Monday
 J13752

| Officiat. | | | ,, | u a rarti | | | | | | Орсти | | | | | Day of the week. | Worlday | 310702 |
|--------------|----------------------------------|-----------|------|----------------|--------------|--------|-------------|-----------------|-----------|-----------|------------------|-----------------------|----------------------|--------------------|-----------------------------------|--|------------------|
| | | | | _ | | Lar | nd Gas Da | ata | | | | Gr | oundwater Da | ıta | | Remarks | |
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H ₂ S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions (soft, wet/dry, frozen etc) & | General Remarks |
| TH No. | Amblent Temperature | | ppm | Pa | I/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | Weather Conditions | Gerieral Remarks |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 1.9 | 18.6 | 0.0 | 0.0 | 5.83 | DRY | 0.81 | | | |
| WLS7 | 9с | s | 0.2 | 0.0 | 0.0 | S | 0.0 | 1.9 | 18.6 | 0.0 | 0.0 | 3.03 | DICI | 0.01 | , | Chilly Cloudy | / |
| WEST | 1000 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tiı | ne Of Reading | gs: | , | Damp | , |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 1.2 | 19.4 | 0.0 | 0.0 | 5.79 | DRY | 0.82 | | | |
| WLS8 | 9c | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 1.2 | 19.4 | 0.0 | 0.0 | 3.77 | DICI | 0.02 | / | Chilly Cloudy | / |
| 200 | 1001 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tiı | me Of Reading | js: | , | Damp | , |
| | | Р | 0.3 | 0.0 | 0.0 | Р | 0.0 | 0.9 | 19.7 | 0.0 | 0.0 | F 00 | DDV | 0.04 | | | |
| WI CO | 9с | s | 0.2 | 0.0 | 0.0 | s | 0.0 | 0.9 | 19.7 | 0.0 | 0.0 | 5.90 | DRY | 0.84 | | Chilly | 1 |
| MF2A | WLS9 9c 1001 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tiı | ne Of Reading | js: | | Cloudy Damp | 1 |
| | | Р | 0.3 | 0.0 | 0.0 | Р | 0.0 | 1.1 | 18.7 | 0.0 | 0.0 | 5.86 | DRY | 0.77 | | | |
| WLS10 | 9c | s | 0.3 | 0.0 | 0.0 | s | 0.0 | 1.1 | 18.7 | 0.0 | 0.0 | 5.00 | DRT | 0.77 | 1 | Chilly | 1 |
| WLSTO | 1001 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tiı | me Of Reading | js: | | Cloudy Damp | / |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 0.9 | 20.1 | 0.0 | 0.0 | 5.87 | DRY | 0.82 | | | |
| \//I C11 | 9c | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 0.9 | 20.1 | 0.0 | 0.0 | 5.67 | DRT | 0.62 | , | Chilly Cloudy | 1 |
| VVLSTT | WLS11 9c 999 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tiı | ne Of Readinç | js: | | Damp | 1 |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 1.2 | 19.9 | 0.0 | 0.0 | 5.80 | DRY | 0.77 | | | |
| WLS12 | N/I S12 9c | | 0.1 | 0.0 | 0.0 | s | 0.0 | 1.2 | 19.9 | 0.0 | 0.0 | 3.00 | ואט | 0.77 | , | Chilly | 1 |
| WLSTZ | 1001 | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tiı | ne Of Reading | js: | | Cloudy Damp | 1 | | |
| P = Peak Rea | ding, S = Steady rea | ding | | | Equipm | ent U | sed: Interf | ace Meter, | MiniRAE 2 | 000, GFM4 | 35 Gas An | alyser | | | | Checked By | |

ST Consult [■] Southern Testing SOIL GAS AND GROUND WATER DAILY RECORD SHEET Project Name: Shawstead Road, Hale, ME5 7SG Project Engineer: **JMW** Date: 16-Dec-19 Project No: Client: K D Attwood & Partners Operative: Day of the week: Monday J13752 Land Gas Data **Groundwater Data** Remarks Height of BH Depth to base Flow PID CH₄ CO_2 H₂S Water level Atmospheric 0_2 CO pressure Rate of well Cover **Ground Conditions** Pressure (mb) and Well / Details of water samples (colour, (soft, wet/dry, frozen etc) & General Remarks TH No. Ambient clarity, odour etc) Weather Conditions below top of m below top of Temperature % m above GL % ppm Pa I/hr % ppm ppm cover cover 0.3 0.0 0.0 1.1 18.9 0.0 0.0 0.0 5.87 DRY 0.83 Chilly S 0.2 0.0 0.0 S 0.0 1.1 18.9 0.0 0.0 9с WLS13 Cloudy 1001 Time Of Readings: Time Of Readings: Time Of Readings: Damp 0.1 0.0 0.0 1.5 0.0 0.0 17.9 0.0 5.85 DRY 0.78 Chilly S 0.1 0.0 0.0 0.0 1.5 17.9 0.0 0.0 9с Cloudy WLS14 1001 Time Of Readings: Time Of Readings: Time Of Readings: Damp 0.2 0.0 0.0 18.1 0.0 0.0 1.9 0.0 5.90 DRY 0.83 Chilly S S 0.2 0.0 0.0 0.0 1.9 18.1 0.0 0.0 9с WLS15 Cloudy 1001 Time Of Readings: Time Of Readings: Time Of Readings: Damp Р s S Time Of Readings: Time Of Readings: Time Of Readings: Р S S

Time Of Readings:

Time Of Readings:

Checked By

| May | 1 | 7 |
|-----|---|---|

P = Peak Reading, S = Steady reading

Time Of Readings:

Time Of Readings:

P S Р

S

Time Of Readings:

Time Of Readings:

Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser





SOIL GAS AND GROUND WATER DAILY RECORD SHEET

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

| | | | | | | Lar | nd Gas Da | ata | | | | Gr | oundwater Da | ata | | Remarks | |
|-------------|----------------------------------|----------|------|----------------|--------------|-------|--------------|-----------------|-----------|-----------|-----------|-----------------------|----------------------|--------------------|-----------------------------------|---|-----------------|
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions | Occasil Demode |
| TH No. | Amblent Temperature | • | ppm | Pa | l/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | (soft, wet/dry, frozen etc) & Weather Conditions | General Remarks |
| | | Р | 0.2 | 3.0 | 2.4 | Р | 0.0 | 2.0 | 18.3 | 0.0 | 0.0 | 5.90 | DRY | 0.83 | | | |
| WLS1 | 10.0 1015 | s | 0.1 | 3.0 | 2.4 | S | 0.0 | 1.9 | 18.3 | 0.0 | 0.0 | 5.90 | DKT | 0.63 | , | Met gyeroget | 1 |
| WLSI | 10c°, 1015mb | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | / | Wet, overcast | / |
| | | | 11 | :45 11:40 | | | | | 11:43 | | | | 11:46 | | | | |
| | | Р | 0.2 | 2.0 | 2.1 | Р | 0.0 | 1.5 | 18.7 | 0.0 | 0.0 | 5.72 | DRY | 0.68 | | | |
| WLS2 | 10c°, 1015mb | S | 0.1 | 2.0 | 2.1 | S | 0.0 | 1.4 | 18.7 | 0.0 | 0.0 | 5.72 | DIXI | 0.00 | , | Wet, overcast | , |
| VVL32 | 100, 10151110 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | TiT | ne Of Reading | gs: | / | vvet, overcast | / |
| | | | 11: | :35 11:30 |) | | | | 11:33 | | | | 11:37 | | | | |
| | | Р | 0.1 | 2.0 | 2.0 | Р | 0.0 | 3.0 | 20.7 | 0.0 | 0.0 | 5.70 | DRY | 0.60 | | | |
| WLS3 | 10c°, 1015mb | s | 0.1 | 2.0 | 2.0 | S | 0.0 | 3.0 | 16.6 | 0.0 | 0.0 | 0.70 | DICI | 0.00 | , | Wet, overcast | / |
| | 100, 10131110 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | , | vvet, overeast | , |
| | | | 11: | :24 11:20 |) | | | | 11:23 | | | | 11:26 | | | | |
| | | Р | 0.2 | 1.0 | 80.7 | Р | 0.0 | 2.0 | 18.7 | 0.0 | 0.0 | 5.67 | DRY | 0.82 | | | |
| WLS4 | 10c°, 1015mb | S | 0.1 | 1.0 | 80.7 | S | 0.0 | 2.0 | 20.3 | 0.0 | 0.0 | | | | / | Wet, overcast | / |
| | | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | , | vvot, ovorodot | , |
| | | | 12 | .04 12.00 | T | | | | 12.03 | T | ı | | 12.06 | 1 | | | |
| | | Р | 0.2 | 3.0 | 0.0 | Р | 0.0 | 3.0 | 18.1 | 0.0 | 0.0 | 5.73 | DRY | 0.78 | | | |
| WLS5 | 10c°, 1015mb | S | 0.1 | 3.0 | 0.0 | S | 0.0 | 1.8 | 18.1 | 0.0 | 0.0 | | | | / | Wet, overcast | / |
| | | | | Of Reading | • | | | | Of Readin | gs: | | Tir | ne Of Reading | gs: | | · | |
| | | <u> </u> | | :24 12:20 | | ļ., | | | 12:23 | ı | ı | | 12:26 | T | | | |
| | | Р | 0.1 | 3.0 | 24.8 | Р | 2.9 | 1.5 | 8.0 | 0.0 | 0.0 | 5.75 | DRY | 0.76 | | | |
| WLS6 | | S | 0.0 | 3.0 | 24.8 | S | 2.9 | 1.3 | 8.1 | 0.0 | 0.0 | | | | / | Wet, overcast | / |
| | | | | Of Reading | _ | | | | Of Readin | gs: | | Tir | ne Of Reading | gs: | | · | |
| | | | | :14 12:10 | | | | | 12:13 | | | | | | | | |
| P = Peak Re | ading, S = Steady rea | ding | | | Equipm | ent U | sed: Interfa | ace Meter, | MiniRAE 2 | 000, GFM4 | 35 Gas An | alyser | | | | Checked By | |



SOIL GAS AND GROUND WATER DAILY RECORD SHEET

 Project Name:
 Shawstead Road, Hale, ME5 7SG
 Project Engineer:
 JMW
 Date:
 02-Jan-20
 Project No:

 Client:
 K D Attwood & Partners
 Operative:
 SS
 Day of the week:
 Thursday
 J13752

| Cileiit. | | עא | ALLWOO | u & Faitii | CI 3 | | | | | Opera | LIVE. | | | | Day of the week. | mursuay | 313702 |
|-------------|----------------------------------|------|--------|----------------|--------------|-------|-------------|-----------------|-----------|-----------|------------------|-----------------------|----------------------|--------------------|-----------------------------------|---|------------------|
| | | | | | | La | nd Gas Da | ata | | | | Gr | oundwater Da | ata | | Remarks | |
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H ₂ S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions | Our and Daniella |
| TH No. | Amblent Temperature | | ppm | Pa | I/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | (soft, wet/dry, frozen etc) & Weather Conditions | General Remarks |
| | | Р | 0.3 | 0.0 | 0.0 | Р | 0.0 | 1.3 | 18.4 | 0.0 | 0.0 | 5.83 | Dry | 0.81 | | | |
| WLS7 | 1015mb, 10 | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 1.2 | 18.4 | 0.0 | 0.0 | 5.65 | ыу | 0.61 | 1 | Wet, overcast | 1 |
| VVL37 | TOTSITID, TO | | Time | Of Reading | js: | | | Time (| Of Readin | gs: | | Tir | me Of Reading | gs: | 1 | vvet, overcast | 1 |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 1.0 | 18.9 | 0.0 | 0.0 | 5.79 | Dry | 0.82 | | | |
| WLS8 | 1015mb, 10 | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 1.0 | 19.0 | 0.0 | 0.0 | 0.7 | 5., | 0.02 | / | Wet, overcast | / |
| | 10.0 | | Time | Of Reading | js: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | , | vot, ovorbast | , |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 0.5 | 18.8 | 0.0 | 0.0 | 5.90 | Dry | 0.84 | | | |
| WLS9 | 1015mb, 10 | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 0.4 | 18.8 | 0.0 | 0.0 | 3.70 | ыу | 0.04 | , | Wet, overcast | / |
| WEST | 10131110, 10 | | Time | Of Readin | js: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | 7 | wet, overcast | , |
| | | Р | 0.3 | 1.0 | 0.0 | Р | 0.0 | 1.0 | 19.2 | 0.0 | 0.0 | 5.86 | Dry | 0.77 | | | |
| WLS10 | 1015mb, 10 | s | 0.3 | 0.0 | 0.0 | s | 0.0 | 1.0 | 19.2 | 0.0 | 0.0 | 3.00 | ыу | 0.77 | , | Wet, overcast | / |
| WESTO | 10131110, 10 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | , | wet, overcast | , |
| | | Р | 0.3 | 0.0 | 0.0 | Р | 0.0 | 0.6 | 19.1 | 0.0 | 0.0 | 5.87 | Dry | 0.82 | | | |
| WLS11 | 1015mb, 10 | s | 0.3 | 0.0 | 0.0 | s | 0.0 | 0.6 | 19.1 | 0.0 | 0.0 | 0.07 | Diy | 0.02 | / | Wet, overcast | / |
| 0 | 13.3110, 13 | | Time | Of Reading | js: | | | Time (| Of Readin | gs: | | Tir | ne Of Readinç | gs: | , | rrot, ovoroust | , |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 0.9 | 18.5 | 0.0 | 0.0 | 5.80 | Dry | 0.77 | | | |
| WLS12 | 1015mb, 10 | s | 0.2 | 0.0 | 0.0 | S | 0.0 | 0.9 | 18.5 | 0.0 | 0.0 | 3.00 | ы у | 0.77 | | Wet, overcast | J |
| VVLJIZ | TOTOTIO, TO | | Time | Of Reading | js: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | 1 | vvet, overcast | / |
| P = Peak Re | ading, S = Steady rea | ding | | | Equipme | ent U | sed: Interf | ace Meter, | MiniRAE 2 | 000, GFM4 | 35 Gas An | alyser | | | | Checked By | |

ST Consult [■] Southern Testing SOIL GAS AND GROUND WATER DAILY RECORD SHEET Project Name: Shawstead Road, Hale, ME5 7SG Project Engineer: **JMW** Date: 02-Jan-20 Project No: SS Client: K D Attwood & Partners Operative: Day of the week: Thursday J13752 Land Gas Data **Groundwater Data** Remarks BH Depth to base Height of Flow PID CH₄ CO_2 H₂S Water level Atmospheric 0_2 CO pressure Rate of well Cover **Ground Conditions** Well / Pressure (mb) and Details of water samples (colour, (soft, wet/dry, frozen etc) & General Remarks TH No. Ambient clarity, odour etc) Weather Conditions below top of m below top of Temperature m above GL % % ppm Pa I/hr % ppm ppm cover cover 0.0 0.0 0.0 8.0 18.5 3.0 0.0 0.0 5.87 Dry 0.83 0.0 3.0 0.0 S 0.0 0.7 18.6 0.0 0.0 WLS13 1015mb, 10c Wet, overcast Time Of Readings: Time Of Readings: Time Of Readings: 0.0 3.0 0.0 0.0 1.3 18.9 0.0 0.0 5.85 0.78 Dry 0.0 3.0 0.0 0.0 1.2 18.9 0.0 0.0 Wet, overcast WLS14 1015mb. 10c Time Of Readings: Time Of Readings: Time Of Readings: 0.0 0.0 0.0 19.2 2.0 1.1 0.0 0.0 5.90 0.83 Dry S S 0.0 2.0 0.0 0.0 1.1 19.2 0.0 0.0 WLS15 1015mb, 10c Wet, overcast Time Of Readings: Time Of Readings: Time Of Readings: Р s S Time Of Readings: Time Of Readings: Time Of Readings: Р S S

Time Of Readings:

Time Of Readings:

Checked By

P = Peak Reading, S = Steady reading

Time Of Readings:

Time Of Readings:

S

Р

S

Time Of Readings:

Time Of Readings:

Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser

Southern Testing

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| Environmental | & Geotechnical |

SOIL GAS AND GROUND WATER DAILY RECORD SHEET

Project Name:Shawstead Road, Hale, ME5 7SGProject Engineer:JMWDate:13-Jan-20Project No:Client:K D Attwood & PartnersOperative:GCDay of the week:MondayJ13752

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|---|---|---|----------|----------------|--------------|-----|-----------|-----------------|-----------|-------|-----|-----------------------|----------------------|--------------------|-----------------------------------|------|------------------|-------|-----------------|
| | | | | | | Laı | nd Gas Da | ata | | | | Gr | oundwater Da | ata | | | Remarks | | |
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | | Ground Condition | | General Remarks |
| TH No. | Amblent Temperature | | ppm | Pa | l/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | | /eather Conditi | | General Remarks |
| | | Р | 0.4 | 0.0 | 0.0 | Р | 0.0 | 3.6 | 17.8 | 0.0 | 0.0 | 5.74 | dry | 0.71 | | | | | |
| WLS1 | 8c | s | 0.4 | 0.0 | 0.0 | S | 0.0 | 3.6 | 17.8 | 0.0 | 0.0 | 3.74 | ury | 0.71 | , | Cold | | Windy | / |
| WEST | 1009 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tiı | me Of Reading | gs: | , | | Wet | | , |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 2.2 | 18.6 | 0.0 | 0.0 | 5.73 | dry | 0.66 | | | | | |
| WLS2 | 8c | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 2.2 | 18.6 | 0.0 | 0.0 | 0.70 | ui j | 0.00 | / | Cold | | Windy | / |
| *************************************** | 1009 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tiı | me Of Reading | gs: | , | | Wet | | , |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 2.8 | 18.1 | 0.0 | 0.0 | 5.40 | | | | | | | |
| \A/I C2 | 8c | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 2.8 | 18.1 | 0.0 | 0.0 | 5.68 | dry | 0.82 | , | Cold | | Windy | , |
| WLS3 | 1010 | • | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | • | Tiı | me Of Reading | gs: | / | | Wet | , , , | / |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 3.1 | 17.4 | 0.0 | 0.0 | 5.76 | dry | 0.79 | | | | | |
| WLS4 | 8c | s | 0.2 | 0.0 | 0.0 | S | 0.0 | 3.1 | 17.4 | 0.0 | 0.0 | 3.70 | ury | 0.77 | , | Cold | | Windy | / |
| VVLOT | 1009 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tiı | me Of Readino | gs: | | | Wet | | 1 |
| | | Р | 0.3 | 0.0 | 0.0 | Р | 0.0 | 5.1 | 16.7 | 0.0 | 0.0 | 5.74 | dry | 0.79 | | | | | |
| \//I SE | 8c | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 5.1 | 16.7 | 0.0 | 0.0 | 5.74 | dry | 0.79 | , | Cold | | Windy | / |
| VVLSS | WLS5 8c 1010 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tii | me Of Readin | gs: | | | Wet | | 1 |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 2.0 | 19.3 | 0.0 | 0.0 | E 7F | de | 0.7/ | | | | | |
| WLS6 | 8c | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 2.0 | 19.3 | 0.0 | 0.0 | 5.75 | dry | 0.76 | , | Cold | | Windy | , |
| VVL30 | 1009 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tii | me Of Reading | gs: | | | Wet | j | / |
| P = Peak Rea | ding, S = Steady reading Equipment Used: Interface Meter, MiniRAE 2000, | | | | | | | | | | | alyser | | | L | | Checked By | | |

| ST | Co | r | ısu | lt 🚆 |
|---------|--------|----|--------|--------|
| Environ | mental | εŧ | Geotec | hnical |

SOIL GAS AND GROUND WATER DAILY RECORD SHEET

 Project Name:
 Shawstead Road, Hale, ME5 7SG
 Project Engineer:
 JMW
 Date:
 13-Jan-20
 Project No:

 Client:
 K D Attwood & Partners
 Operative:
 GC
 Day of the week:
 Monday
 J13752

| Ciletti. | | ND | ALLWOO | u & raitii | UI 3 | | | | | Opera | LIVE. | GC . | | | Day of the week. | ivioriday | 313702 |
|--------------|--|----|--------|----------------|--------------|-----|-----------|-----------------|-----------|-------|-----------|-----------------------|----------------------|--------------------|-----------------------------------|--|-----------------|
| | | | | | | Laı | nd Gas Da | ata | | | | Gr | oundwater Da | ata | | Remarks | |
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | СО | H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions (soft, wet/dry, frozen etc) & | Conoral Domarko |
| TH No. | Amblent Temperature | | ppm | Pa | I/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | Weather Conditions | General Remarks |
| | | Р | 0.3 | 0.0 | 0.0 | Р | 0.0 | 1.7 | 18.4 | 0.0 | 0.0 | 5.83 | dry | 0.81 | | | |
| WLS7 | 8c | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 1.7 | 18.4 | 0.0 | 0.0 | 3.03 | ury | 0.61 | , | Cold | 1 |
| WEST | 1009 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | , | Windy Wet | 7 |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 2.1 | 18.9 | 0.0 | 0.0 | 5.79 | dry | 0.82 | | | |
| WLS8 | 8c | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 2.1 | 18.9 | 0.0 | 0.0 | 3.77 | ui y | 0.02 | / | Cold | / |
| 250 | 1009 | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | , | Windy Wet | , |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 1.2 | 18.7 | 0.0 | 0.0 | F 00 | de . | 0.04 | | | |
| WLS9 | 8c | s | 0.1 | 0.0 | 0.0 | s | 0.0 | 1.2 | 18.7 | 0.0 | 0.0 | 5.90 | dry | 0.84 | , | Cold | 1 |
| WEST | 1009 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | / | Windy Wet | / |
| | | Р | 0.3 | 0.0 | 0.0 | Р | 0.0 | 1.6 | 19.6 | 0.0 | 0.0 | 5.86 | de | 0.77 | | | |
| WLS10 | 8c | s | 0.3 | 0.0 | 0.0 | s | 0.0 | 1.6 | 16.6 | 0.0 | 0.0 | 5.80 | dry | 0.77 | , | Cold | 1 |
| WLSTO | 1010 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Reading | gs: | / | Windy Wet | 7 |
| | | Р | 0.2 | 0.0 | 0.0 | Р | 0.0 | 1.8 | 18.9 | 0.0 | 0.0 | 5.87 | dry | 0.82 | | | |
| \/\/ ¢11 | 8c | s | 0.2 | 0.0 | 0.0 | s | 0.0 | 1.8 | 18.9 | 0.0 | 0.0 | 5.67 | ury | 0.62 | , | Cold | / |
| WLSTI | WLS11 8c 1009 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | gs: | , | Windy Wet | 1 |
| | | Р | 0.1 | 0.0 | 0.0 | Р | 0.0 | 2.8 | 17.7 | 0.0 | 0.0 | 5.80 | dry | 0.77 | | | |
| WLS12 | 8c | S | 0.1 | 0.0 | 0.0 | s | 0.0 | 2.8 | 17.7 | 0.0 | 0.0 | 3.60 | ury | 0.77 | , | Cold | / |
| VVLS1Z | 1010 | | Time | Of Readin | gs: | | | Time (| Of Readin | gs: | | Tir | me Of Reading | gs: | | Windy Wet | 1 |
| P = Peak Rea | eading, S = Steady reading Equipment Used: Interface Meter, MiniRAE 20 | | | | | | | | | | 35 Gas An | alyser | | | | Checked By | |

ST Consult ■ Southern Testing SOIL GAS AND GROUND WATER DAILY RECORD SHEET Project Name: Shawstead Road, Hale, ME5 7SG Project Engineer: **JMW** Date: 13-Jan-20 Project No: Client: K D Attwood & Partners Operative: Day of the week: Monday J13752 Land Gas Data **Groundwater Data** Remarks Height of BH Flow Depth to base PID CH₄ CO_2 H₂S Water level Atmospheric 0_2 CO pressure Rate of well Cover **Ground Conditions** Pressure (mb) and Well / Details of water samples (colour, (soft, wet/dry, frozen etc) & General Remarks TH No. Ambient clarity, odour etc) Weather Conditions below top of m below top of Temperature % m above GL % ppm Pa I/hr % ppm ppm cover cover 0.2 0.0 0.0 2.1 18.7 0.0 0.0 0.0 5.87 dry 0.83 Cold S 0.2 0.0 0.0 S 0.0 2.1 18.7 0.0 0.0 8c WLS13 Windy 1009 Time Of Readings: Time Of Readings: Time Of Readings: Wet 0.1 0.0 0.0 1.6 18.2 0.0 0.0 0.0 5.85 0.78 dry Cold S 0.1 0.0 0.0 0.0 18.2 0.0 0.0 1.6 8c Windy WLS14 1009 Time Of Readings: Time Of Readings: Time Of Readings: Wet 0.1 0.0 0.0 0.0 0.0 1.7 17.6 0.0 5.90 0.83 dry Cold S S 0.1 0.0 0.0 0.0 1.7 17.6 0.0 0.0 8с Windy WLS15 1009 Time Of Readings: Time Of Readings: Time Of Readings: Wet Ρ s S Time Of Readings: Time Of Readings: Time Of Readings: Р S S Time Of Readings: Time Of Readings: Time Of Readings:

Time Of Readings:

Checked By

P = Peak Reading, S = Steady reading

Р

S

Time Of Readings:

Equipment Used: Interface Meter, MiniRAE 2000, GFM435 Gas Analyser

P S

Time Of Readings:



SOIL GAS AND GROUND WATER DAILY RECORD SHEET

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

| | | | | | | La | nd Gas D | ata | | | | Gr | oundwater Da | nta | | Remarks | |
|---|---|---|------|----------------|--------------|----|----------|-----------------|-----------|-----|-----------|-----------------------|----------------------|--------------------|-----------------------------------|---|-----------------|
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions | |
| TH No. | Amblent Temperature | | ppm | Pa | l/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | (soft, wet/dry, frozen etc) & Weather Conditions | General Remarks |
| | | Р | 0.0 | 6.0 | 1.3 | Р | 0.0 | 0.8 | 16.4 | 0.0 | 0.0 | 5.90 | Dry | 0.83 | | | |
| WLS1 | 984mb, 4° | s | 0.0 | 6.0 | 1.1 | s | 0.0 | 0.8 | 16.4 | 0.0 | 0.0 | 3.90 | ыу | 0.63 | , | cold, dry | , |
| VVLST | 9041110, 4 | | Time | Of Reading | js: | | | Time | Of Readin | gs: | | Tir | me Of Reading | gs: | / | colu, di y | / |
| | | | | 10:05 | | | | | 10:06 | | | | 10:11 | | | | |
| | | Р | 0.1 | 5.0 | 1.3 | Р | 0.0 | 1.6 | 6.9 | 0.0 | 0.0 | 5.72 | Dry | 0.68 | | | |
| WLS2 | 985mb, 4° | s | 0.1 | 5.0 | 1.0 | s | 0.0 | 1.6 | 6.9 | 0.0 | 0.0 | 5.72 | Dry | 0.00 | , | cold, dry | / |
| *************************************** | 3031110, 4 | | Time | Of Reading | js: | | | Time | Of Readin | gs: | | Tiı | ne Of Reading | gs: | , | cola, al y | , |
| | | | | 10:15 | | | | | 10:16 | | | | 10:21 | | | | |
| | | Р | 0.0 | 0.0 | 2.1 | Р | 0.0 | 2.1 | 14.1 | 0.0 | 0.0 | 5.70 | Dry | 0.60 | | | |
| WLS3 | 985mb, 4° | S | 0.0 | 0.0 | 0.1 | s | 0.0 | 2.1 | 14.1 | 0.0 | 0.0 | | , | | , | cold, dry | , |
| | | | Time | Of Reading | js: | | | Time | Of Readin | gs: | | Tiı | me Of Reading | gs: | , | 3614, 413 | , |
| | | | | 10:23 | | | ı | 1 | 10:24 | ı | 1 | | 10:29 | 1 | | | |
| | | Р | 0.0 | 8.0 | 1.6 | Р | 0.0 | 0.5 | 18.9 | 0.0 | 0.0 | 5.67 | Dry | 0.82 | | | |
| WLS4 | 985mb, 4° | S | 0.0 | 8.0 | 1.3 | S | 0.0 | 0.4 | 18.9 | 0.0 | 0.0 | | | | / | cold, dry | , |
| | | | Time | Of Reading | js: | | | | Of Readin | gs: | | Tiı | ne Of Reading | gs: | · | 22.27 | , |
| | | | | 11:29 | | | ı | 1 | 11:30 | ı | 1 | | 11:35 | T | | | |
| | | Р | 0.0 | 6.0 | 3.4 | P | 0.0 | 1.9 | 17.6 | 0.0 | 0.0 | 5.73 | Dry | 0.78 | | | |
| WLS5 | 985mb, 4° | S | 0.0 | 6.0 | 1.1 | S | 0.0 | 1.9 | 17.6 | 0.0 | 0.0 | | | | / | cold, dry | / |
| | | | Time | Of Reading | js: | | | Time | Of Readin | gs: | | Tiı | ne Of Reading | js: | | j | |
| | | | | 11:41 | | | I | T | 11:42 | Π | T | | 11:47 | 1 | | | |
| | | Р | 0.0 | 2.0 | 0.8 | P | 0.0 | 1.9 | 16.9 | 0.0 | 0.0 | 5.75 | Dry | 0.76 | | | |
| WLS6 | 984mb, 4° | S | 0.0 | 2.0 | 0.5 | S | 0.0 | 1.9 | 16.9 | 0.0 | 0.0 | | | | / | cold, dry | / |
| | | | Time | Of Reading | js: | | | Time | Of Readin | gs: | | Ti | me Of Reading | gs: | | | |
| | | | | 11:35 | | | | | 11:36 | | | | 11:41 | | | | |
| P = Peak Re | Reading, S = Steady reading Equipment Used: Interface Meter, MiniRAE 2000, GR | | | | | | | | | | 35 Gas Ar | alyser | | | | Checked By | |



SOIL GAS AND GROUND WATER DAILY RECORD SHEET

Project Name:Shawstead Road, Hale, ME5 7SGProject Engineer:JMWDate:28-Jan-20Project No:Client:K D Attwood & PartnersOperative:JMWDay of the week:TuesdayJ13752

| | | | | | | La | nd Gas D | ata | | | | Gr | oundwater Da | ita | | Remarks | |
|-------------|----------------------------------|-------|-------|----------------|--------------|--------------|-------------|-----------------|--------------------|--------------|-----------|-----------------------|------------------------|--------------------|-----------------------------------|---|-----------------|
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H₂S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions | Our and Daniela |
| TH No. | Amblent Temperature | • | ppm | Pa | I/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | (soft, wet/dry, frozen etc) & Weather Conditions | General Remarks |
| | | Р | 0.0 | 5.0 | 1.6 | Р | 0.0 | 0.9 | 17.3 | 0.0 | 0.0 | 5.83 | Dry | 0.80 | | | |
| WLS7 | 985mb, 4°c | s | 0.0 | 4.0 | 1.2 | S | 0.0 | 0.8 | 17.3 | 0.0 | 0.0 | 3.03 | ыу | 0.80 | , | cold, dry | / |
| ******* | 3031110, 4 C | | Time | Of Reading | js: | | | Time (| Of Readin | gs: | | Tiı | ne Of Reading | gs: | , | cold, di y | , |
| | | | | 11:22 | | | | | 11:23 | | | | 11:28 | | | | |
| | | Р | 0.0 | 2.0 | 2.0 | Р | 0.0 | 3.2 | 15.8 | 0.0 | 0.0 | 5.81 | Dry | 0.81 | | | |
| WLS8 | 985mb, 4°c | S | 0.0 | 2.0 | 1.1 | S | 0.0 | 3.2 | 15.8 | 0.0 | 0.0 | | , | | / | cold, dry | / |
| | | | Time | Of Reading | js: | | | Time (| Of Readin | gs: | | Tiı | ne Of Reading | gs: | , | 33.2, 2 | |
| | | ļ , | | 11:50 | | | | | 11:51 | T | 1 | | 11:56 | 1 | | | |
| | | Р | 0.0 | 5.0 | 3.4 | P | 0.0 | 2.5 | 17.3 | 0.0 | 0.0 | 5.80 | Dry | 0.83 | | | |
| WLS9 | 985mb, 4°c4° | S | 0.0 | 5.0 | 0.9 | S | 0.0 | 2.5 | 17.3 | 0.0 | 0.0 | | | | / | cold, dry | / |
| | | | Time | Of Reading | js: | | | | Of Readin | gs: | | Tir | ne Of Reading | js: | | | |
| | | | | 11:14 | | | | | 11:15 | | I | | 11:20 | I | | | |
| | | P | 0.0 | 4.0 | 3.1 | P | 0.0 | 0.9 | 17.5 | 0.0 | 0.0 | 5.87 | Dry | 0.75 | | | |
| WLS10 | 985mb, 4°c | S | 0.0 | 4.0 | 1.0 | S | 0.0 | 0.9 | 17.5 | 0.0 | 0.0 | TI | Of D | | / | cold, dry | / |
| | | | ııme | Of Reading | js: | | | | Of Readin 11:58 | gs: | | " | me Of Reading 12:03 | js: | | | |
| | | Р | 0.2 | 5.0 | 1 / | P | 0.0 | | | 0.0 | 0.0 | | 12.03 | 1 | | | |
| | | S | 0.2 | 5.0 | 1.6 | S | 0.0 | 1.0 | 18.0 | 0.0 | 0.0 | 5.89 | Dry | 0.80 | | | |
| WLS11 | 985mb, 4°c | | | Of Reading | | 3 | 0.0 | | of Readin | | 0.0 | Tiı | me Of Reading | 10. | / | cold, dry | / |
| | | | Timic | 10:36 | g-5. | | | THILE (| 10:37 | g-s. | | "" | 10:42 | | | | |
| | | Р | 0.0 | 3.0 | 0.0 | P | 0.0 | 2.0 | 19.0 | 0.0 | 0.0 | | 10.12 | | | | |
| | | s | 0.0 | 3.0 | 0.0 | s | 0.0 | 2.0 | 19.0 | 0.0 | 0.0 | 5.80 | Dry | 0.77 | | | |
| WLS12 | 985mb, 4°c | | | Of Reading | | - | | | of Readin | | | Tiı | l ne Of Reading | l gs: | / | cold, dry | / |
| | | | | | • | | | | | J = 1 | | | | • | | | |
| P = Peak Re | ading, S = Steady rea | adina | | | Equipme | ent U | sed: Interf | ace Meter. | MiniRAE 2 | 000. GFM4 | 35 Gas An | alvser | | | <u> </u> | Checked By | |

Southern Testing Environmental & Geotechnical Project Name: Shawste



SOIL GAS AND GROUND WATER DAILY RECORD SHEET

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

| Ciletti. | | אא | ALLWOO | u & raitii | G 3 | | | | | Opera | LIVO. | JIVIVV | | | Day of the week. | Tuesuay | 313702 |
|--------------|----------------------------------|--------------------------|-------------------|----------------|--------------|-------|--------------|-----------------|-----------|------------|------------------|-----------------------|----------------------|--------------------|-----------------------------------|---|------------------|
| | | | | | | Lar | nd Gas Da | ata | | | | Gr | oundwater Da | ıta | | Remarks | |
| Well / | Atmospheric Pressure (mb) and | | PID | BH pressure | Flow Rate | | CH₄ | CO ₂ | 02 | со | H ₂ S | Depth to base of well | Water level | Height of Cover | Details of water samples (colour, | Ground Conditions | Occupal Demonder |
| TH No. | Ambient Temperature | | ppm | Pa | I/hr | | % | % | % | ppm | ppm | m below top of cover | m below top of cover | m above GL | clarity, odour etc) | (soft, wet/dry, frozen etc) & Weather Conditions | General Remarks |
| | | Р | 0.0 | 1.1 | 3.3 | Р | 0.0 | 1.5 | 18.4 | 0.0 | 0.0 | 5.89 | Des | 0.01 | | | |
| WLS13 | 004 | s | 0.0 | 1.1 | 1.6 | s | 0.0 | 1.5 | 18.4 | 0.0 | 0.0 | 5.89 | Dry | 0.81 | , | Cold guppy | 1 |
| VVLS13 | 984mb, 4°c | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | js: | / | Cold, sunny | 1 |
| | | | | 10:45 | | | | | 10:46 | | | | 10:51 | | | | |
| | | Р | 0.1 | 6.0 | 4.8 | Р | 0.0 | 1.5 | 17.6 | 0.0 | 0.0 | 5.87 | Dry | 0.77 | | | |
| WLS14 | 984mb, 4°c | s | 0.1 | 6.0 | 1.0 | s | 0.0 | 1.5 | 17.6 | 0.0 | 0.0 | 3.07 | ыу | 0.77 | , | Cold, sunny | / |
| WESTT | 3041110, 4 C | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | js: | , | Colu, Suriny | 1 |
| | | | | 10:50 | | | | | 10:51 | | | | 10:56 | | | | |
| | | Р | 0.0 | 6.0 | 3.0 | Р | 0.0 | 0.8 | 16.4 | 0.0 | 0.0 | 5.90 | Dry | 0.83 | | | |
| WLS15 | 984mb, 4°c | S | 0.0 | 6.0 | 1.1 | S | 0.0 | 0.8 | 16.4 | 0.0 | 0.0 | | | | , | Cold, sunny | / |
| | ., | | | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | js: | , | | |
| | | | | 10:05 | | | | | 10:06 | | | | 10:11 | T | | | |
| | | Р | | | | Р | | | | | | | | | | | |
| | | S | | | | S | | | | | | | | | | | |
| | | | Time | Of Reading | gs: | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | js: | | | |
| | | Р | | | | Р | | | | | | | | | | | |
| | | s | | | | s | | | | | | | | | | | |
| | | | Time Of Readings: | | | | | Time (| Of Readin | gs: | | Tir | ne Of Reading | js: | | | |
| | | Р | | | | Р | | | | | | | | | | | |
| | | s | | | | s | | | | | | | | | | | |
| | | Time Of Readings: Time (| | | | | | | Of Readin | gs: | | Tir | ne Of Reading | js: | | | |
| P = Peak Rea | ading, S = Steady rea | ding | | | Equipme | ent U | sed: Interfa | ace Meter, | MiniRAE 2 | 000, GFM4: | 35 Gas An | alyser | | | | Checked By | |