Ground Gas Addendum Report

Site: Cherryfield Drive, Kirkby
Reference: 15-280-R3-2
Date: November 25



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DRAWING LIST

15-280-001 - Site Location Plan
15-280-002 - Proposed Development Plan
15-280-003 - Historical Features Plan
15-280-004 - Site Features Plan
15-280-005 - Exploratory Hole Location Plan
15-280-006 - Depth of Made Ground Plan
15-280-018 - Contamination Exceedances Plan
15-250-020 - Ground Gas Zoning Plan
15-280-030 - Possible Landfill Extent Plan
15-280-031 - Petrol Filling Station Location Plan
15-280-033 - Ground Gas Conceptual Site Model
15-280-039 - Elevated Ground Gas Plan
15-280-040 - Elevated Ground Gas Plan (Made Ground)
15-280-041 - Depth and Thickness of Historically Deposited Materials

1. INTRODUCTION

1.1. BACKGROUND

E3P has previously completed a ground investigation on the Site known as Cherryfield Drive, Kirkby. The findings of the ground investigation are presented within the E3P report entitled Phase I & II Geoenvironmental Site Assessment (reference 15-280-R1-6, dated November 2024).

The investigation was completed in several phases, with a total of 51 ground gas monitoring wells installed, which were monitored over a period of 12 months after their respective installations. The data collected from the gas monitoring wells are summarised in this report, and this comprises the completed ground gas assessment.

In addition to the above site investigation, E3P has been provided with a series of previous reports prepared for the Site, as summarised in Table 1 below:

Table 1 Summary of Previous Works

AUTHOR	TITLE	REFERENCE	CLIENT	DATE
Clancy Consulting	Preliminary Geoenvironmental Appraisal Report for Phase 2 Site, Cherryfield Drive, Knowsley	Ref: 10/1519/001	Knowsley Metropolitan Borough Council (KMBC)	May 2020
	Geo-Environmental Appraisal Report for Knowsley Community College, Liverpool	Ref: 10/1533/001	KMBC	July 2020
Resource & Environmental Consultants Ltd	Geoenvironmental Site Assessment	Ref: 45759Fp1r0	KMBC	September 2014
ALM Consult Limited	Interpretative Report	Ref: 30090/11	KMBC	September 2015
	Hazardous Gas Risk Assessment	Ref: 30090/11/2	KMBC	December 2015
ESG	Factual Report on Ground Investigation	Ref: F5013-15	2020 Knowsley Limited	February 2016
Ian Farmer Associates	Factual Report on Ground Investigation	Ref: 41989	St Modwen Developments Limited	March 2017
RPS	Due Diligence Information for Land Development	-	St Modwen Developments Limited	June 2017
Atkins	Phase 1 Geo-Environmental Desk Study	Ref: 5145660	St. Modwen (Kirkby 2) Development Ltd	December 2016
Buro Happold	Ground Engineering Site Appraisal	Ref: 021706	-	December 2006
	Geoenvironmental and Geotechnical Interpretative Report: Phase 1 Ground Investigation (GDO 205 Landfill)	Ref: 021706	-	November 2007
Cundall	Geotechnical Due Diligence Brief	Ref: 1028732.SPC.GL.001	Barratt Developments Plc	June 2021

Copies of all previous site investigations are available on request, however, it should be noted that the client does not have reliance on the above reports and as such only a summary can be utilised.

In addition to the above, E3P has completed the following geoenvironmental assessments for the Site:

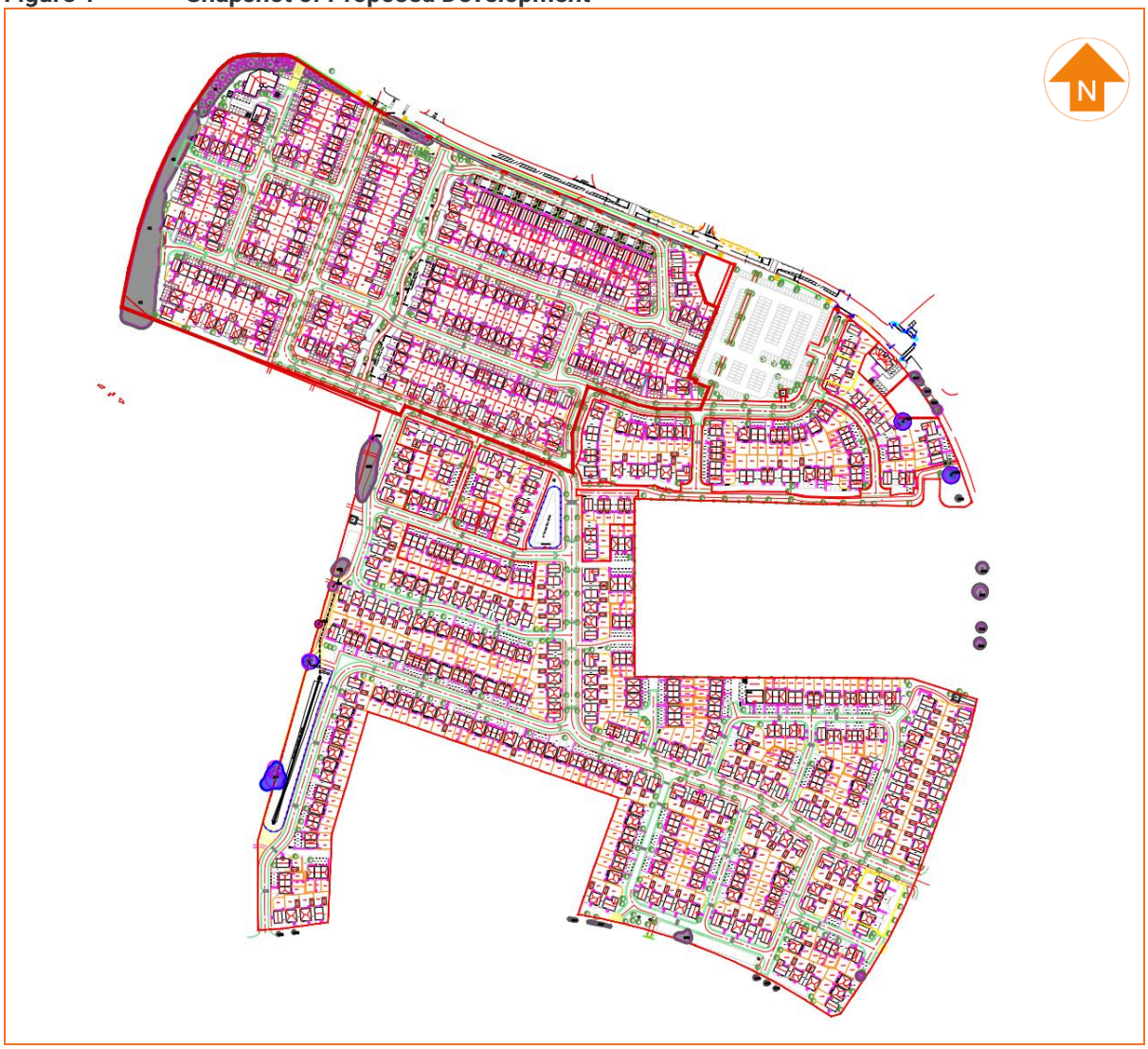
- E3P – *Phase I & II Geoenvironmental Site Assessment*. Ref: Report 15-280-R1-6, dated November 2024, Prepared for Barratt and David Wilson Homes.
- E3P – *Remediation and Enabling Works Strategy.* Ref: Report 15-280-R2-7, dated November 2025, Prepared for Barratt and David Wilson Homes.

1.2. PROPOSED DEVELOPMENT

Barrett and David Wilson Homes intend to construct a low-rise residential development of circa 807 dwellings with associated gardens, estate roads and infrastructure.

A snapshot of the proposed development layout is indicated in Figure 1.

Figure 1 Snapshot of Proposed Development



1.3. OBJECTIVES

The objectives of the ground gas addendum report are to provide a detailed assessment of ground gas risk based on all available data from the E3P ground investigation works.

1.4. LIMITATIONS

The limitations of this report are presented in APPENDIX I.

1.5. CONFIDENTIALITY

E3P has prepared this report solely for the use of the client and those parties with whom a warranty agreement has been executed, or with whom an assignment has been agreed. Should any third party wish to use or rely upon the contents of the report, written approval must be sought from E3P; a charge may be levied against such approval.

2. RATIONALE

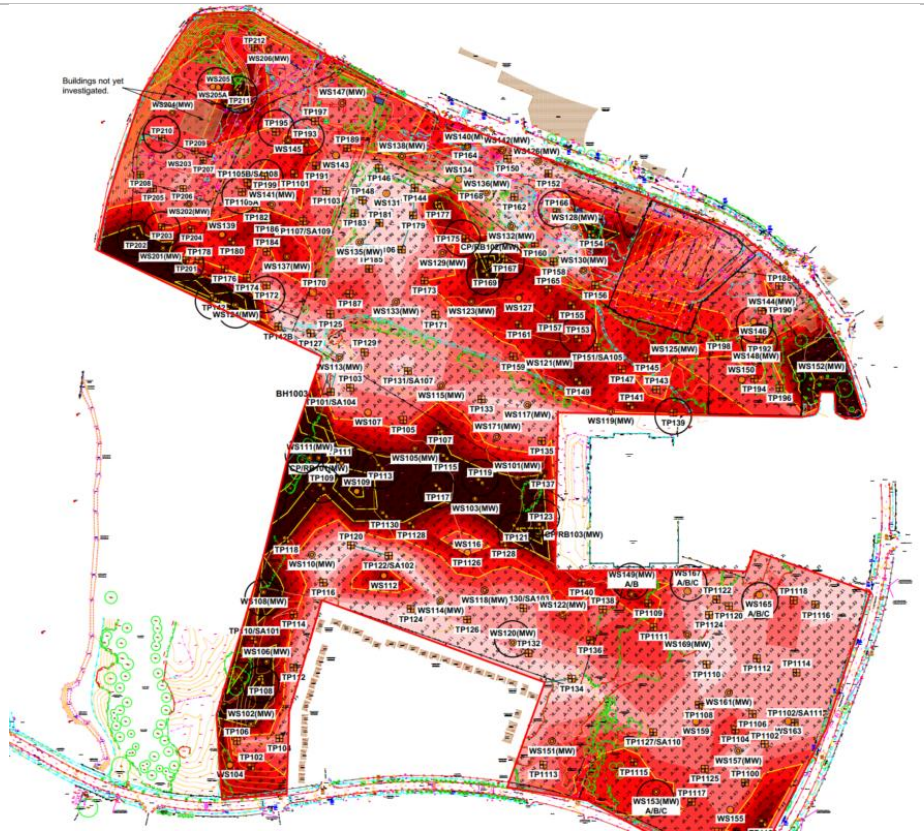
Hazardous ground gas qualitative risk assessment is based on a conceptual site model (CSM) similar to that used for soil and groundwater contamination sources (i.e., source pathway receptor pollutant linkages).

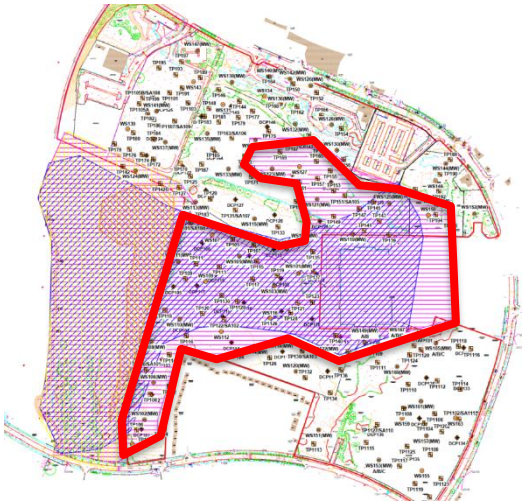
The risk can be assessed based on knowledge of the ground conditions and CSM and a measure of hazardous gas concentrations and gas flow at the Site within monitoring standpipes.

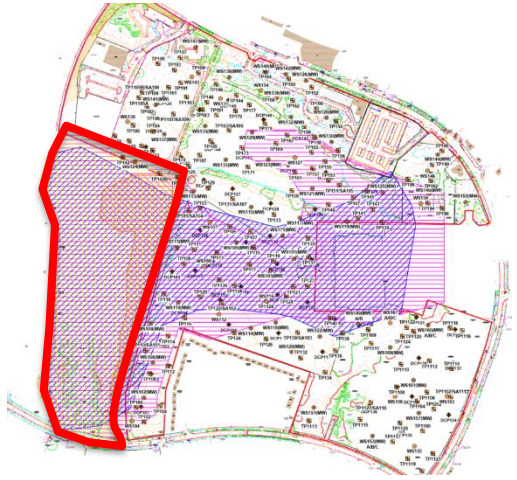
2.1. SOURCES OF GROUND GAS

Table 2 summarises the potential sources and pathways of ground gas within the context of the recorded site setting and proposed development.

Table 2 Identified Potential Sources of Ground Gas

SOURCE	EXCERPT
On-site infilled Made Ground Made Ground deposits were encountered within the majority of exploratory hole locations from ground level to 5.50 m bgl. The depth of Made Ground was not proven in 27 locations due to either underground obstructions, collapse of the excavation, or ingress of water. A snapshot of the Depth of Made Ground Plan is included, with the full drawing noted as Drawing 15-280-006 in APPEDNIX III. Made Ground deposits generally comprised reworked topsoil of dark grey slightly gravelly clayey fine to coarse sand or gravelly sandy to very sandy clay with frequent rootlets with gravel of brick, mudstone, sandstone and ceramic. Underlying the reworked topsoil or hardstanding, deeper Made Ground deposits comprised reworked brown very sandy gravelly clays or gravelly sands. Several areas of olfactory odours were encountered within the Made Ground on Site, inclusive of hydrocarbon and organic odours. Made Ground is not inherently a source of significant ground gas, however specific areas of concern exist across the Site, such as infilled gravel/clay pits, and formerly demolished areas of the Site. In these locations, volatiles and other putrescible materials have the potential to generate significant ground gases. It should be noted that NF94 (NHBC – Hazardous Ground Gas – An Essential Guide for Housebuilders. A. Juden, S. Wilson and H. Mallett – April 2023) notes that shallow ponds and associated organic materials are not a significant source of ground gas.	

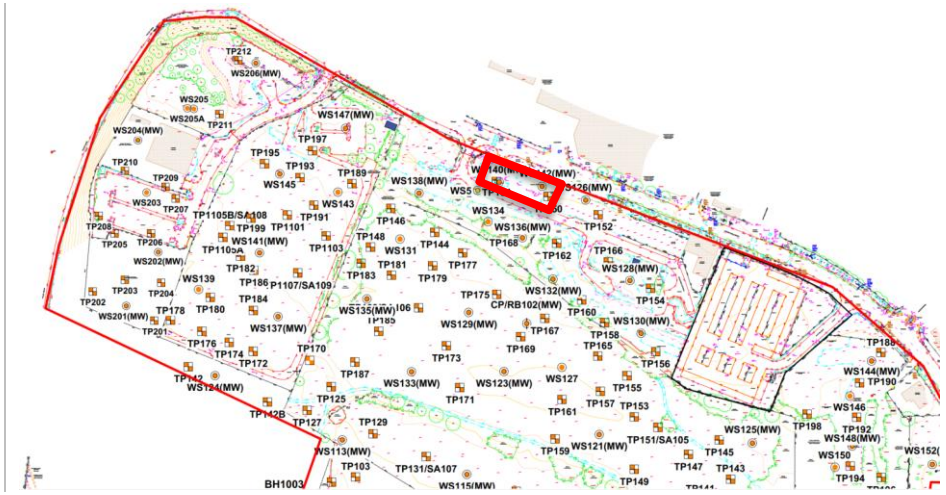
SOURCE	EXCERPT
Historically Deposited Landfill Materials The central region of the Site contains deeper deposits of Made Ground, identified in the Buro Happold and WSP reports as potential landfill material. The E3P investigation described the Made Ground in this area as a clayey, very gravelly fine to coarse ashy sand with inclusions of ash, glass, ceramics, textiles, clinker, wood, timber, brick, metal, mudstone, and cardboard. The landfill material comprises construction and demolition waste associated with the Mersey Tunnel and 1960s municipal solid waste (MSW), including cellulosic and lignocellulosic fractions such as paper and wood, along with plastics, ceramics, and asbestos. Of these, the MSW represents the most credible source of ground gas due to its significant biodegradable organic content. Under anaerobic conditions, the microbial degradation of organic matter within the MSW proceeds through hydrolysis, acidogenesis, acetogenesis, and methanogenesis, resulting in the generation of landfill gas—primarily methane (CH_4) and carbon dioxide (CO_2). Although the waste is over six decades old and likely in the methanogenic decline phase, studies have shown that such materials can continue to produce residual gas for 50 to 100 years, particularly where moisture content and anaerobic conditions are sustained. The historical installation of gas protection measures, including membranes beneath adjacent residential and public buildings, provides further empirical evidence of the Site's gas generation potential and supports the interpretation that the landfill remains an active, albeit declining, source of ground gas.	

SOURCE	Excerpt
Landfill Sites A historical landfill site is located adjacent to the western boundary of the Site, shown in red on the excerpt to the right, where it is likely the licence holder was the Local Authority. The Envirocheck report indicates the Site was active from 1956 to 1974 and deposited waste included household waste. E3P contacted Knowsley Metropolitan Borough Council regarding the subject site, who confirmed the historical landfill site located directly west of the Site is a landfill, pre-COPA 1974 due to the possibility of filling a former clay pit, then raising to the present level. It was also confirmed that the Site has not been identified as contaminated land under Part 2A of the Environmental Protection Act 1990. The off-site landfill directly west of the subject site is a pre-COPA 1974 infilled clay pit, likely containing unsegregated municipal and industrial waste, including significant biodegradable organics. Due to the absence of engineered containment, such landfills are known to produce landfill gas—principally methane (CH_4) and carbon dioxide (CO_2)—via anaerobic degradation processes. Although the landfill is over 50 years old and likely in the attenuation phase of gas generation, residual emissions can persist for decades, particularly in low-permeability or saturated conditions where degradation is slower. The proximity of the landfill and potential for lateral gas migration via permeable strata or service corridors presents a credible risk to the subject site. Methane is especially mobile and can accumulate in confined spaces, posing a risk to future residential receptors. While the Site is not designated as contaminated land under Part 2A of the Environmental Protection Act 1990, this reflects current use and receptor sensitivity, not the absence of a source. The landfill remains a scientifically credible source of migrating ground gas, warranting site-specific gas monitoring and risk assessment to inform any necessary protection measures under CIRIA C665.	

Former Fuel Station (North of Site)

Historical mapping identifies a garage and petrol fuelling station to the north of the Site (highlighted in red in the excerpt to the right), suggesting the potential for residual hydrocarbons and volatile contaminants. These may represent a potential source of ground gas in this area.

Monitoring wells WS140 and WS142 were placed in this region to further assess the risk in this area.



DISCOUNTED SOURCES FROM PREVIOUS REPORTS

Radon	UK Radon, checked January 2025, indicates the Site is situated in an area where less than 1% of homes are above the "Action Level" and that the BGS reports that radon protective measures are not necessary for the construction of new dwellings or extensions.
Coal Measures	The Site is not located within a Coal Authority Coal Mining Reporting Area. No further works are required and the Site is not at risk from ground gases associated with coal mining.

2.1.1. MONITORING FREQUENCY

The CIRIA C665 guidance on gas risk assessment includes recommendations for periods and frequencies for monitoring visits. These recommendations take into account the nature of the proposed development and the likely generation potential of the source.

The proposed development comprises private residential properties, which would be classified as a Type A development (high sensitivity) in accordance with BS8485:2015+A1:2019. However, it is considered that the likely generation potential of the identified gas sources (taking into account the likelihood of future increases in gas generation) would be best classified as high.

Therefore within the context of the proposed residential end-use and ground gas generation potential, the gas assessment requires 24 visits over a period of 12 months, with at least two sets of readings at low or falling atmospheric pressure.

2.1.2. INVESTIGATION RATIONALE

The ICSM has identified that the underlying Made Ground, on-site landfill material and the adjacent landfill may represent potential sources of ground gas generation. Based on the identification of these sources, E3P has determined that the Site represents a high ground gas source generation potential.

The spacing requirements for monitoring wells are detailed within CIRIA 665 Table 4.2, which indicates that for moderate gas hazard sites and a high sensitivity development, nominal well spacing should be between 25 m and 50 m.

The spacing requirements for high gas hazard sites (domestic landfill sites) and a high sensitivity development, nominal well spacing should be less than 25 m.

Table 3 Ground Gas Monitoring Location Rationale

LOCATION	GROUND GAS SOURCE	DEPTH OF MONITORING WELL (m)
WS101	Made Ground	0.50 – 2.00
WS102	Adjacent Landfill / Made Ground	1.00 – 3.00
WS103	General Coverage	2.50 – 3.00
WS105	Made Ground	0.50 – 2.50
WS106	Adjacent Landfill / Made Ground	1.00 – 3.00
WS108	Adjacent Landfill / Made Ground	0.80 – 2.80
WS110	Former Pond	1.00 – 2.00
WS111	Adjacent Landfill / Made Ground / Historically Deposited Materials	0.50 – 3.00
WS113	Adjacent Landfill	1.00 – 2.00
WS114	General Coverage	1.00 – 2.00
WS115	General Coverage	1.00 – 2.00
WS117	General Coverage	1.00 – 2.50
WS118	General Coverage	1.00 – 2.00
WS119	Made Ground, General Coverage	0.50 – 3.50
WS120	Natural Strata / Deeper Groundwater Well	1.00 – 2.00
WS121	Made Ground / Historically Deposited Materials	0.50 – 1.50
WS122	Made Ground / General Coverage	0.50 – 1.50
WS123	Made Ground / General Coverage	0.50 – 3.00
WS124	Adjacent Landfill / Made Ground / Historically Deposited Materials	1.00 – 4.00

LOCATION	GROUND GAS SOURCE	DEPTH OF MONITORING WELL (m)
WS125	Made Ground / Historically Deposited Materials	0.50 – 1.00
WS126	General Coverage	0.60 – 1.60
WS128	General Coverage	1.00 – 3.00
WS129	General Coverage	1.00 – 3.50
WS130	General Coverage	1.00 – 3.00
WS132	General Coverage	1.00 – 4.00
WS133	General Coverage	0.50 – 3.90
WS135	General Coverage	0.50 – 3.00
WS136	General Coverage	0.50 – 3.50
WS137	General Coverage	2.00 – 3.00
WS138	General Coverage	1.00 – 4.00
WS140	Former Garage	1.00 – 3.00
WS141	General Coverage	1.00 – 3.00
WS142	Former Garage	1.00 – 3.00
WS144	General Coverage	1.00 – 3.00
WS147	General Coverage	1.00 – 2.00
WS148	General Coverage	1.00 – 4.00
WS149A	Made Ground	0.50 – 1.00
WS151	General Coverage	1.00 – 2.00
WS152	Made Ground	0.50 – 2.50
WS153A	Made Ground	0.50 – 1.00
WS157	General Coverage	1.00 – 2.00
WS161	General Coverage	0.50 – 1.50
WS169	General Coverage	1.00 – 2.00
WS171	General Coverage	1.00 – 2.50
CP/RB101	Adjacent Landfill / Made Ground Materials / Historically Deposited Materials	3.00 – 5.00
CP/RB102	Made Ground Materials / Historically Deposited Materials	3.00 – 4.00
CP/RB103	Made Ground / General Coverage	3.00 – 4.00
WS201	Adjacent Landfill / Made Ground	0.50 – 3.00
WS202	General Coverage	2.00 – 3.00
WS204	General Coverage	1.50 – 3.00
WS206	General Coverage / Hydrocarbon Odour	1.00 – 2.50

3. GROUND GAS RISK ASSESSMENT

3.1. GROUND GAS RISK ASSESSMENT METHODOLOGY

The potential impact on the development from ground gases has been assessed with reference to standards and guidelines published in:

- CIRIA Report 665 – *Assessing risks posed by hazardous ground gases to buildings (2007)*
- BS8485:2015+A1:2019 – *Code of Practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings*

BS8485 provides guidance on the level of gas protection requirements based upon the characteristic situation (CS) and the proposed development based on building type.

Therefore, in accordance with BS8485, based on the measured flow rates and hazardous gas concentrations, individual hazardous gas flow rates (Q_{hg}) shall be derived for each monitoring point, from which the site characteristic hazardous gas flow rate (Q_{hgs}), and then the Characteristic Situation (CS) can be determined.

The following equation should be utilised:

$$Q_{hg} = q\left(\frac{C_{hg}}{100}\right)$$

Where:
q is the measured flow rate (in litres per hour) of combined gases from the monitoring standpipe
C_{hg} is the measured hazardous gas concentration (in percentage volume/volume).

The subsequent derived gas screening value (GSV) should be the maximum Q_{hg} (flow rate x concentration as a percentage volume) for all the monitoring events.

A 'worst case check' may be carried out using the maximum recorded flow in any hole with the maximum concentration in any hole to present the plausible worst-case conditions. Adoption of the worst-case Q_{hg} requires thorough justification and reference to the CSM.

The final derived GSV can then be used to characterise the Site as summarised in Table 4.

Table 4 Site Characterisation by GSV (BS8485:2015)

CS	HAZARD POTENTIAL	GSV (L/HR) FOR METHANE AND CARBON DIOXIDE	ADDITIONAL FACTORS
CS1	Very Low	< 0.07	Typically <1% methane concentration and <5% carbon dioxide concentration (otherwise consider an increase to CS2)
CS2	Low	< 0.70	Typical measured flow rate <70 l/h (otherwise consider an increase to CS3)
CS3	Moderate	< 3.5	N/A
CS4	Moderate to High	< 15	N/A
CS5	High	< 70	N/A
CS6	Very High	> 70	N/A

Notes:
The CS is equivalent to the characteristic GSV in CIRIA C665.
The worst-case ground gas regime identified on the Site, either methane or carbon dioxide, at the worst-case temporal conditions that the Site may be expected to encounter should be considered.
Gas Screening Value is the Borehole Gas Volume Flow Rate, in litres per hour, multiplied by the concentration in the air stream of the particular gas being considered.
The Gas Screening Value thresholds should not generally be exceeded without the completion of a detailed ground gas risk assessment taking into account site-specific conditions.

3.2. MONITORING METHODOLOGY

Concentrations of methane (CH_4), carbon dioxide (CO_2) and oxygen (O_2) (hydrogen sulphide) were measured using a calibrated infrared gas analyser (GFM435) with gas flow rates measured using an integrated flow meter.

Gas measurements were recorded for a minimum of 300 seconds (5 minutes) at each location, increasing to 600 seconds if elevated concentrations identified, at which point the maximum concentration of CH_4 and CO_2, together with the lowest concentration of O_2 were recorded.

A full set of monitoring results has been provided in APPENDIX V, alongside the gas monitor calibration certificates within APPENDIX VI.

In addition to the raw data, the results for each individual standpipe have been assessed with reference to guidance provided in BS8485:2015. Based on the initial peak measured flow rates and hazardous gas concentrations, individual hazardous gas flow rates (Q_{hg}) have been derived for each monitoring point, from which an individual Characteristic Situation (CS) can ultimately be determined.

3.3. SUMMARY OF MONITORING RESULTS

A full set of monitoring results has been provided in APPENDIX V.

The ground gas assessment has included two sets of 24 visits, firstly with the main dataset, which was completed between 22nd February 2022 and the 2nd February 2023, and then secondly within the supplementary monitoring wells which was completed between 27th November 2023 and 26th November 2024.

3.3.1. DAMAGED WELLS

Some monitoring wells were confirmed to be destroyed prior to the completion of the monitoring period, and these wells have therefore not been included within this assessment: WS103, WS114, WS122, WS129 and WS148.

Instances of damage to certain monitoring wells were observed on several occasions, including missing bungs. These were replaced during each site visit; however, monitoring data collected during these periods has been interpreted with caution. Table 5 provides details of all damaged monitoring wells.

3.3.2. GROUNDWATER

The water level within several of the monitoring wells was recorded to be above the top of the response zone or within 0.50 m of the top of the response zone (flooded) on several occasions, as summarised in Figure 2 and Figure 3, thus rendering some of the monitoring data unreliable. Therefore, these instances have not been included further in the assessment.

Within remaining monitoring wells, groundwater levels were observed to rise over the monitoring period, however, due to the predominantly low permeability cohesive superficial stratum, it is likely that water levels are representative of surface water collecting within the standpipes and not a true representation of groundwater.

The groundwater levels across the monitoring wells are shown in Figure 2 and Figure 3, which indicates a graph of the maximum, minimum and average water fluctuations throughout the monitoring period.

The graph indicates that monitoring wells WS113, WS115, WS120, WS133, WS135, WS137, WS147, WS151, WS157, WS169, CP/RB101, CP/RB102, CP/RB103, WS202, WS204, WS206 and WS113 (Post 2022) were flooded at least once during the monitoring period, and therefore these instances have not been included further in the assessment. WS137, WS147 and WS202 were noted to be flooded throughout the monitoring period, given there was less than 0.50 m of the response zone available for screening, therefore the data has been excluded from the final assessment.

Table 5 Damaged Monitoring Wells

WELL	VISIT NUMBER																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
WS101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Y	-	Y	-	-	-	-	-	Y
WS103	*Location Destroyed*																							
WS114	*Location Destroyed*																							
WS122	*Location Destroyed*																							
WS123	-	-	-	-	-	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WS124	-	-	-	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WS129	*Location Destroyed*																							
WS135	Y	-	-	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WS148	*Location Destroyed*																							
WS149A	-	-	-	-	-	-	-	-	-	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WS152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Y
WS153A	-	-	-	-	-	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WS157	-	-	-	-	-	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WS169	-	-	-	-	-	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CP/RP101	-	-	-	-	-	Y	-	-	-	-	-	-	-	-	-	Y	-	-	-	Y	-	-	Y	-
CP/RP102	-	-	-	-	-	Y	-	-	-	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Figure 2 Flooded Monitoring Well Data

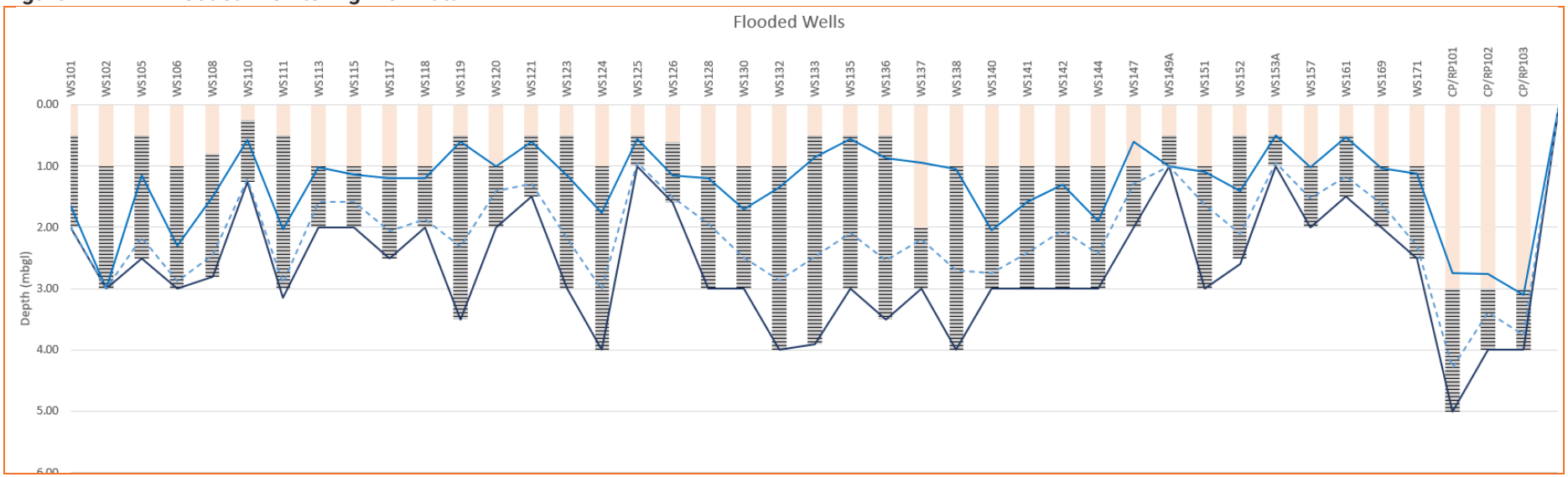
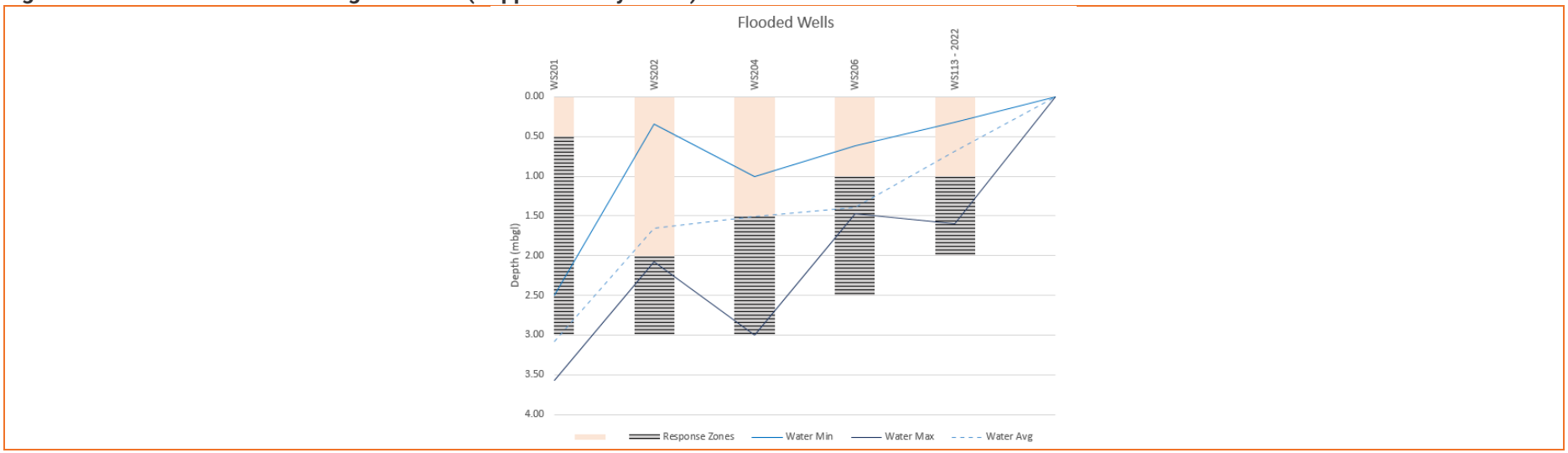


Figure 3 Flooded Monitoring Well Data (Supplementary Visits)



3.3.3. BAROMETRIC PRESSURE

During the main visits, atmospheric pressure was noted to be rising, steady and falling, with several visits noted to have atmospheric pressures below 1000 mbar, with a pressure range recorded between 988 mbar and 1029 mbar.

During the supplementary monitoring wells in the northwestern sector of the Site, visits were also undertaken across varying conditions, with a pressure range recorded between 978 mbar and 1032 mbar.

It is therefore considered that the visits have been undertaken over representative conditions.

Figure 4 below shows the barometric pressure plotted against the methane and carbon dioxide concentrations for borehole WS108. The maximum methane and carbon dioxide concentrations recorded during visit 1 (22/02/22), visit 2 (15/03/22) and visit 24 (02/02/23) all occurred during fluctuating barometric pressures, and therefore no correlation between barometric pressure and concentration can be drawn.

Figure 5 indicates the barometric fluctuations within borehole WS201. The graph indicates that in some instances, recordings of high methane coincided with low or falling barometric pressures, such as in visit 2 (08/12/23), visit 3 (21/12/23), visit 6 (08/02/24), visit 13 (31/05/24) and visit 19 (22/08/24). This relationship suggests that atmospheric pressure changes act as a driving mechanism for gas migration, likely from the adjacent landfill materials to the south.

Figure 4 Relationship between concentration and barometric pressure within WS108

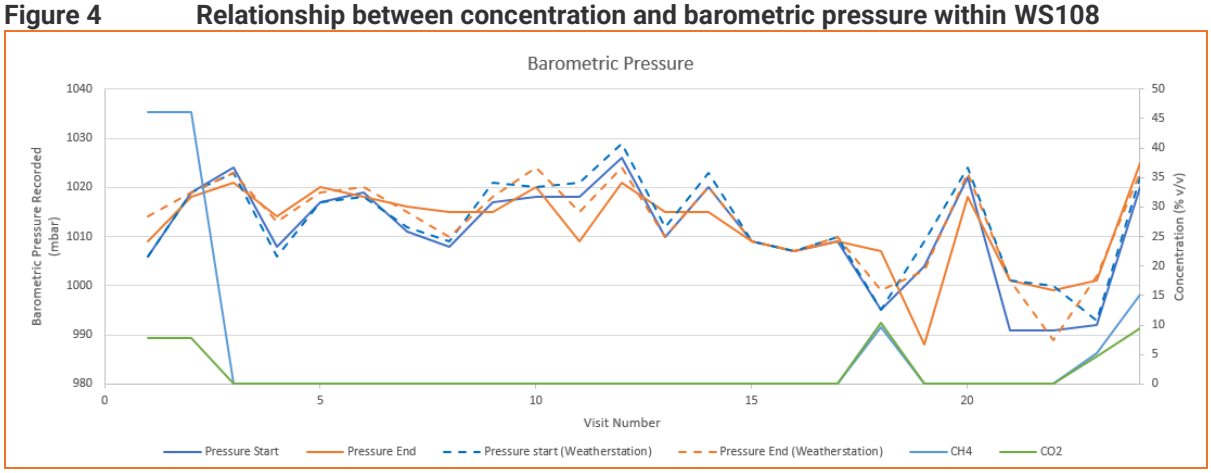
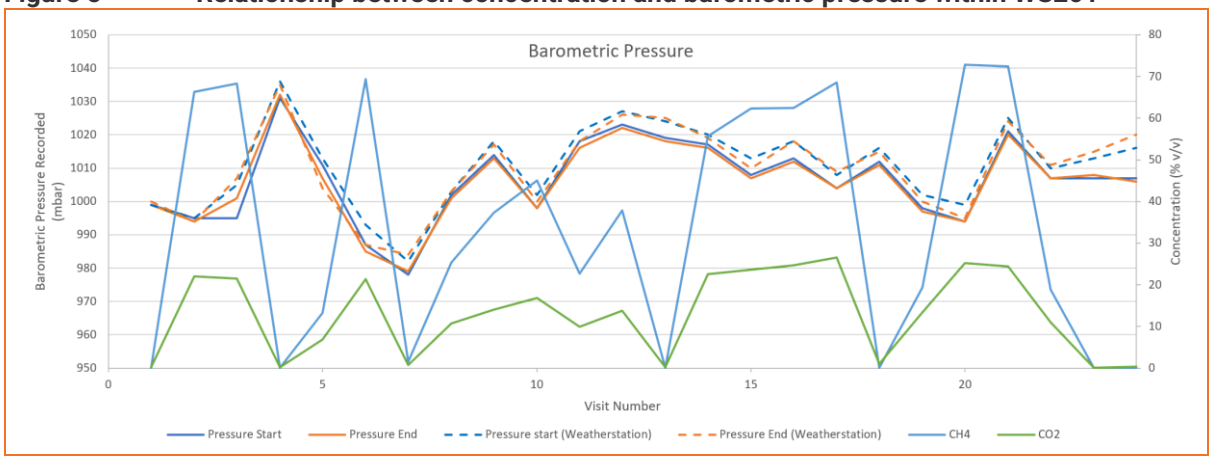


Figure 5 Relationship between concentration and barometric pressure within WS201



3.3.4. GAS FLOW

During the monitoring, a positive flow was noted in almost all monitoring wells. The measure of positive flow is considered to be the result of groundwater fluctuations. A negative peak flow of -0.3 l/hr was identified within WS140 on the 21st March 2022 however this then became a steady flow of 0.1 l/hr.

Gas flows across the monitoring period have generally been at the limit of detection (LOD) of the gas analyser at 0.1 l/hr, however within WS113 and WS138 during the first visit a peak flow of 6.4 l/hr and 25.3 l/hr respectively were identified, where the steady flow reduced to 0.1 l/hr. Within WS147 on the first visit, the peak flow was 3.3 l/hr, reducing to a steady flow of 0.1 l/hr. Within WS126 on several monitoring visits, the peak flow was 0.40 l/hr with a steady flow recorded at 0.1 l/hr.

All supplementary monitoring wells have generally been recorded at a flow rate of 0.1 (l/hr), the limit of detection, across all visits, however, significant peak flows were observed in WS201 and WS202. WS201 exhibited notable peaks of 6.3 l/hr during visit 21 (8/11/2024), 5.1 l/hr during visit 11 (18/04/2024), and 3.2 l/hr during visits 14 and 20 (12/06/2024 and 25/09/2024).

WS202 recorded the highest variability, with peaks reaching 10.9 l/hr on visit 18 (16/08/2024) and several other elevated readings. The elevated flow rates are considered to be associated with high groundwater levels causing compression in the monitoring wells. WS204 and WS206 recorded peak flows of 1.9 l/hr and 2 l/hr, respectively.

Figure 6 below plots peak flow and steady flow against the recorded methane and carbon dioxide concentrations within WS202. As seen on the graph, peak flow readings do not seem to bear any correlation to elevated gas readings, however, as shown in Figure 7, the elevated flow reading from visit 18 is more likely associated with the fall in groundwater level recorded during visit 17, with the high groundwater level causing compression in the well.

In contrast, Figure 8, indicates a potential correlation across some visits within borehole WS201 between peak flow and maximum concentration of methane. This relationship suggests a potential preferential gas migration pathway, which aligns with existing data given the location of WS201 adjacent to the landfill. No correlation with groundwater is noted in WS201, as shown in Figure 9.

Figure 6 Relationship between Flow and Concentrations within WS202, indicating no correlation between flow and high concentrations of methane or carbon dioxide

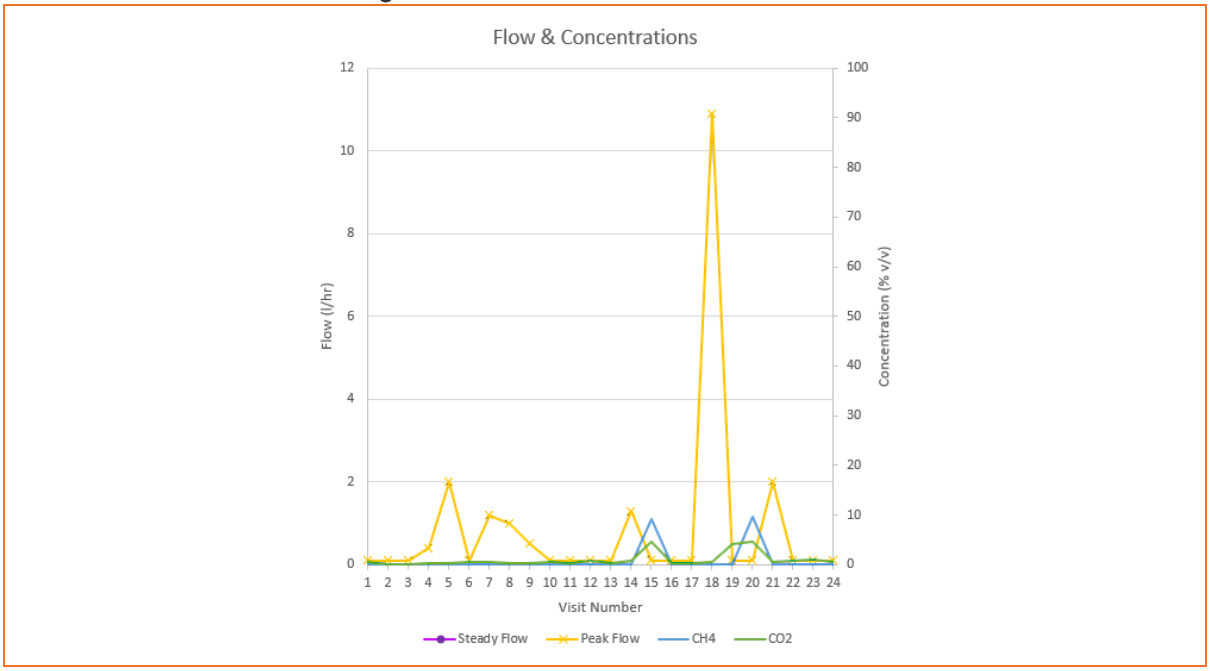


Figure 7 Relationship between Flow and Groundwater within WS202, indicating a likely correlation between the spike in groundwater and spike in peak flow

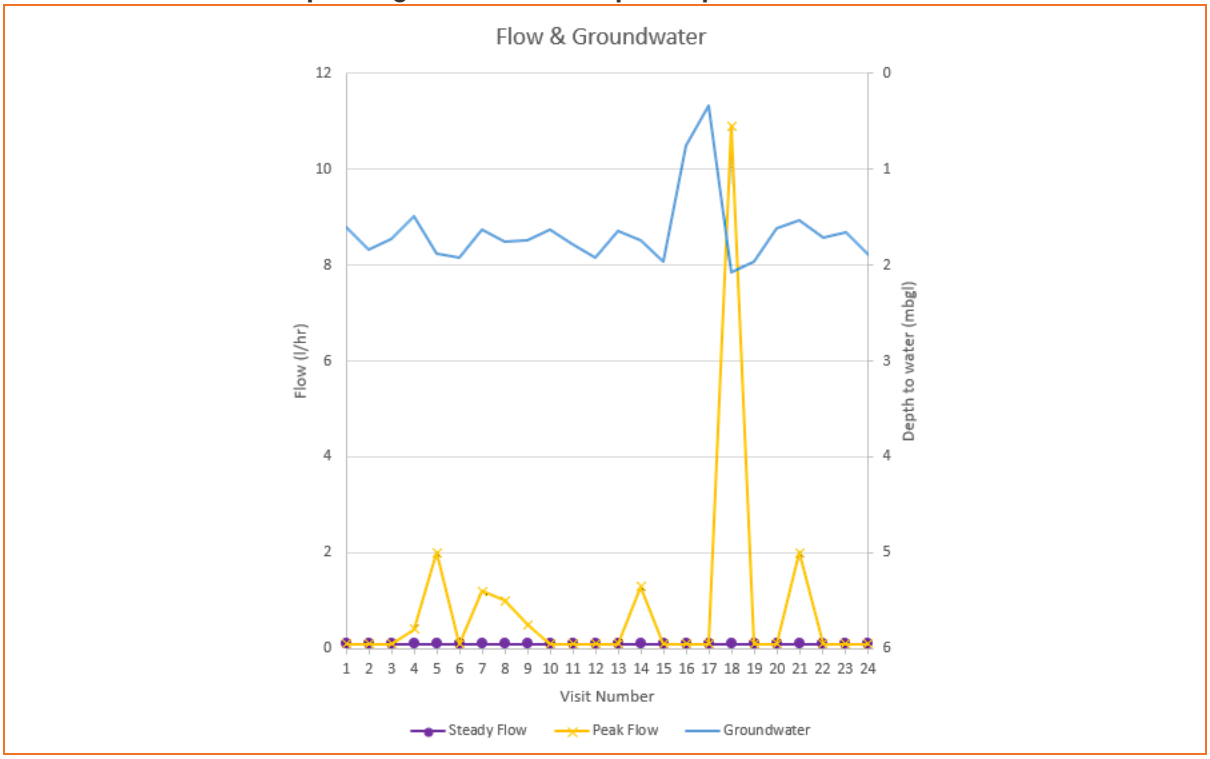


Figure 8 Relationship between Flow and Concentrations within WS201

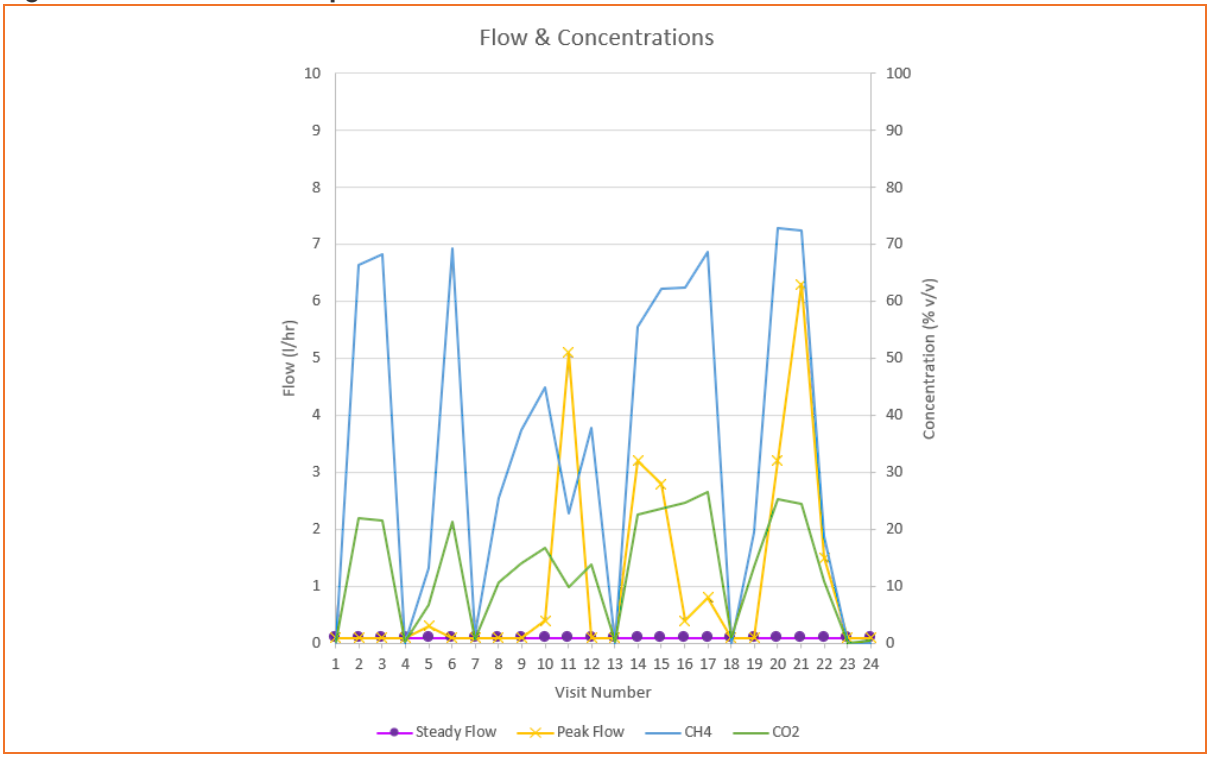
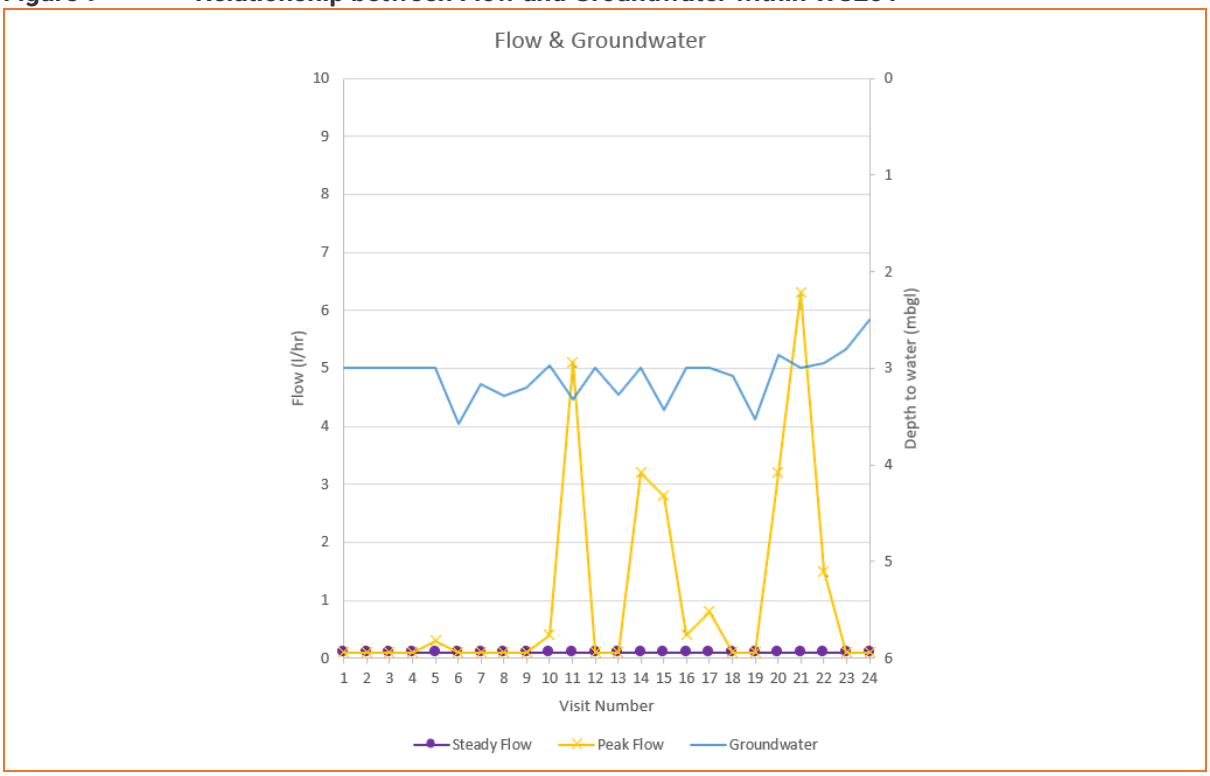


Figure 9 Relationship between Flow and Groundwater within WS201



3.3.5. GAS CONCENTRATIONS

Methane has been recorded within all monitoring wells at concentrations between 0.1 % v/v (LOD) and a maximum concentration of 69.3 % v/v (WS201). Elevated concentrations of methane were noted during the first monitoring visit in the following locations and are associated with Made Ground deposits and historical deposited materials:

- WS101 – Visit 1 - 6.8 % v/v (both peak and steady concentrations).
- WS102 – Visit 1 - 3.7 % v/v (both peak and steady concentrations).
- WS108 – Visit 1 - 46.1 % v/v (both peak and steady concentrations).
- WS108 – Visit 18 – 9.6 % v/v peak concentration, reducing to 3.4 % v/v steady concentration.
- WS108 – Visit 23 and Visit 24 – 5.2% v/v (both peak and steady concentrations) and 15.2% v/v peak concentration respectively.
- WS111 – Visit 1 - 6.2 % v/v (both peak and steady concentrations).
- WS124 – Visit 1 - 13.7 % v/v (both peak and steady concentrations).
- CP/RB101 – Visit 1 - 4.4 % v/v (both peak and steady concentrations).
- WS201 – Elevated methane, defined as over 1%, was identified in 17 of the 24 visits completed, with elevated concentrations recorded from 1.6 % v/v and 72.8 % v/v peak readings.

No other elevated methane concentrations were detected in subsequent monitoring visits.

Carbon dioxide concentrations were recorded within all the monitoring wells at concentrations ranging from 0.1% v/v (LOD) to 26.5% v/v (WS201). As with the methane concentrations highlighted above, elevated concentrations of carbon dioxide were identified during the 1st and 18th monitoring visits and are associated with Made Ground and historically deposited materials. The locations of exceedances are summarised below:

- WS101 – Visit 1 - 8.5 % v/v (both peak and steady concentrations).
- WS102 – Visit 1 - 10.8 % v/v (both peak and steady concentrations).
- WS105 – Visit 1 - 6.9 % v/v (both peak and steady concentrations).
- WS106 – Visit 1 – 6.2 % v/v (both peak and steady concentrations).
- WS106 – Visit 18 - 7.7 % v/v peak concentration, falling to a steady concentration of 7.6 % v/v.
- WS106 – Visit 23 – 5.0 % v/v peak concentration, falling to a steady concentration of 4.7 % v/v.
- WS108 – Visit 1 – 7.8 % v/v peak concentration, falling to a steady concentration of 7.5 % v/v.
- WS108 – Visit 18 - 10.3 % v/v peak concentration, falling to a steady concentration of 6.9 % v/v.
- WS108 – Visit 24 – 9.5 % v/v peak concentration, falling to a steady concentration of 9.0% v/v.
- WS111 – Visit 1 - 5.3 % v/v (both peak and steady concentrations).
- WS124 – Visit 1 - 5.4 % v/v peak concentration, falling to a steady concentration of 5.2 % v/v.
- CP/RB101 – Visit 1 - 9.5 % v/v (both peak and steady concentrations).
- CP/RB103 – Visit 1 - 6.0 % v/v (both peak and steady concentrations).
- WS201 – Elevated carbon dioxide, defined as over 5%, was identified in 17 of the 24 visits completed, with elevated concentrations recorded from 6.8 % v/v and 26.5 % v/v peak readings.

The maximum carbon dioxide and methane levels were also associated with low oxygen concentrations.

The full set of ground gas monitoring data is included in APPENDIX V.

All concentrations of carbon monoxide (CO) were noted as below the limit of detection.

Maximum concentrations of hydrogen sulphide (H_2S) were identified within WS201 visit 16 (25 ppm), visit 17 (30 ppm) and visit 20 (30 ppm). This further backs up the likelihood that the source of ground gas in this borehole is the adjacent landfill site, as hydrogen sulphide is commonly associated with organic material within landfill sites. All other concentrations of H_2S were less than the limit of detection.

Figure 10 Concentrations of CO2 and CH4 by visit number within WS108

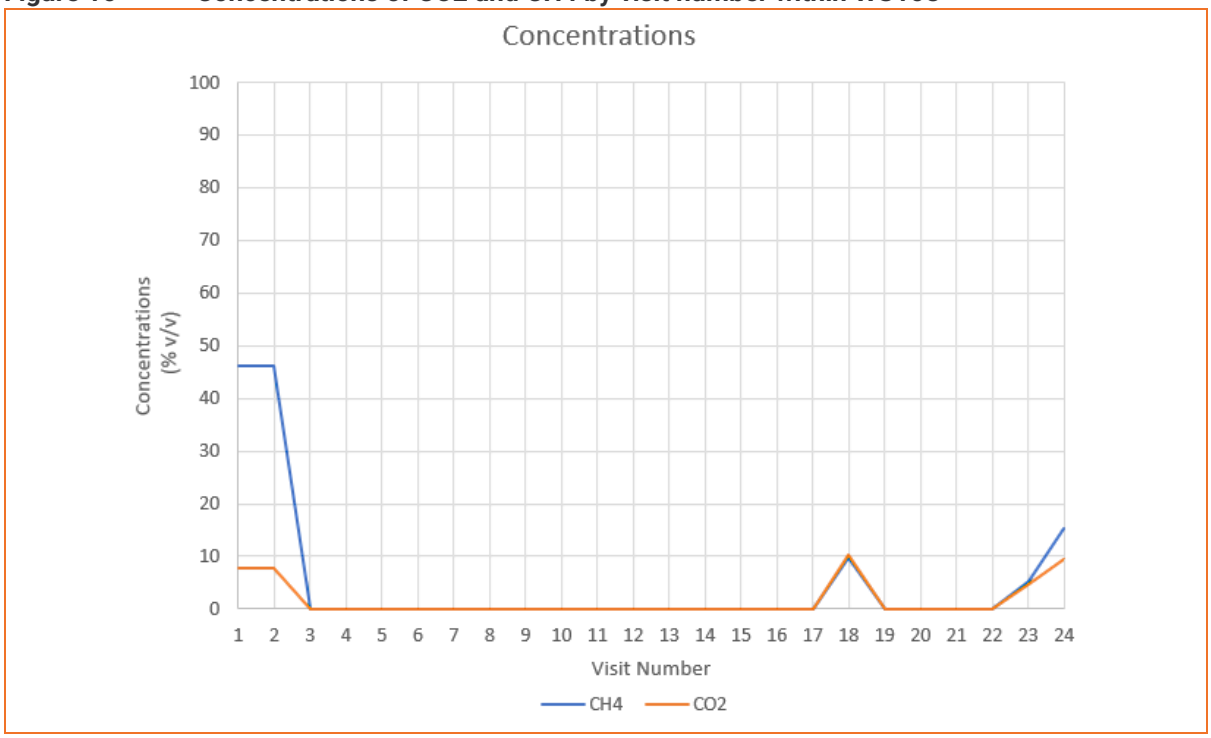
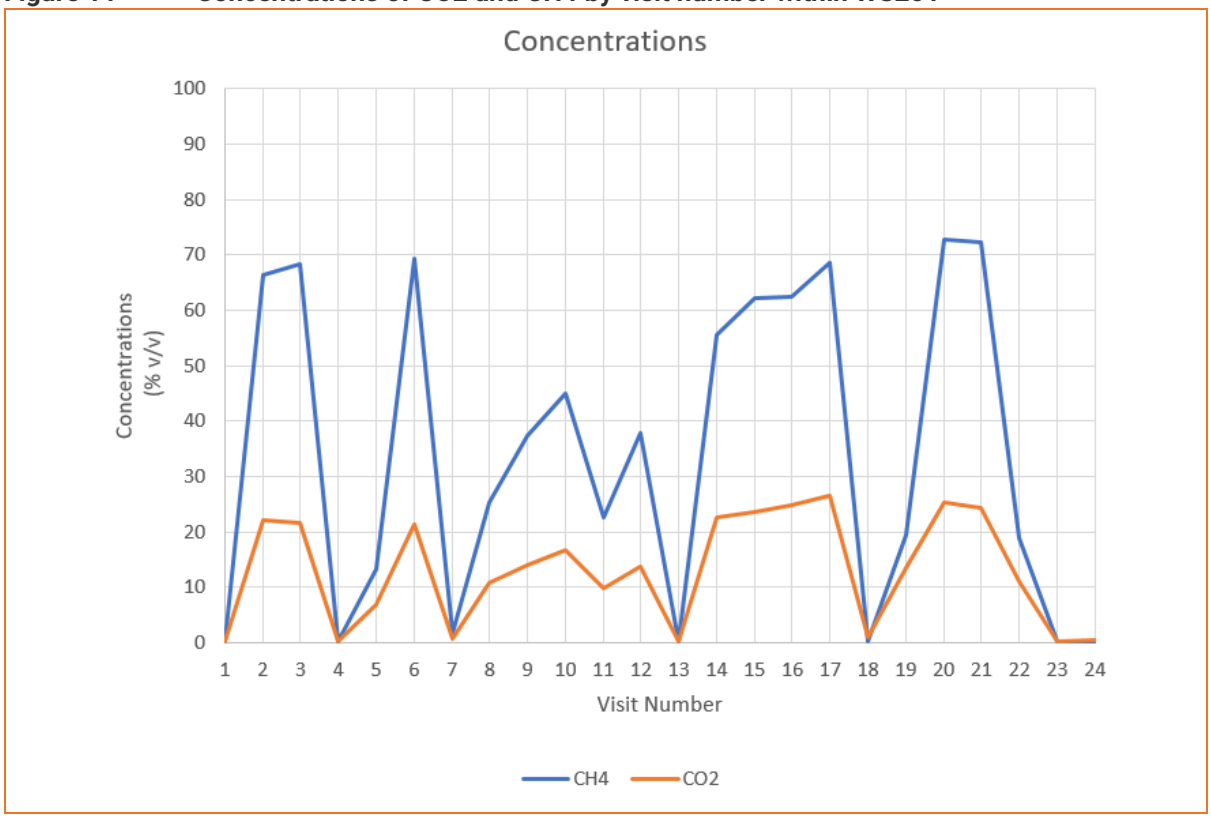


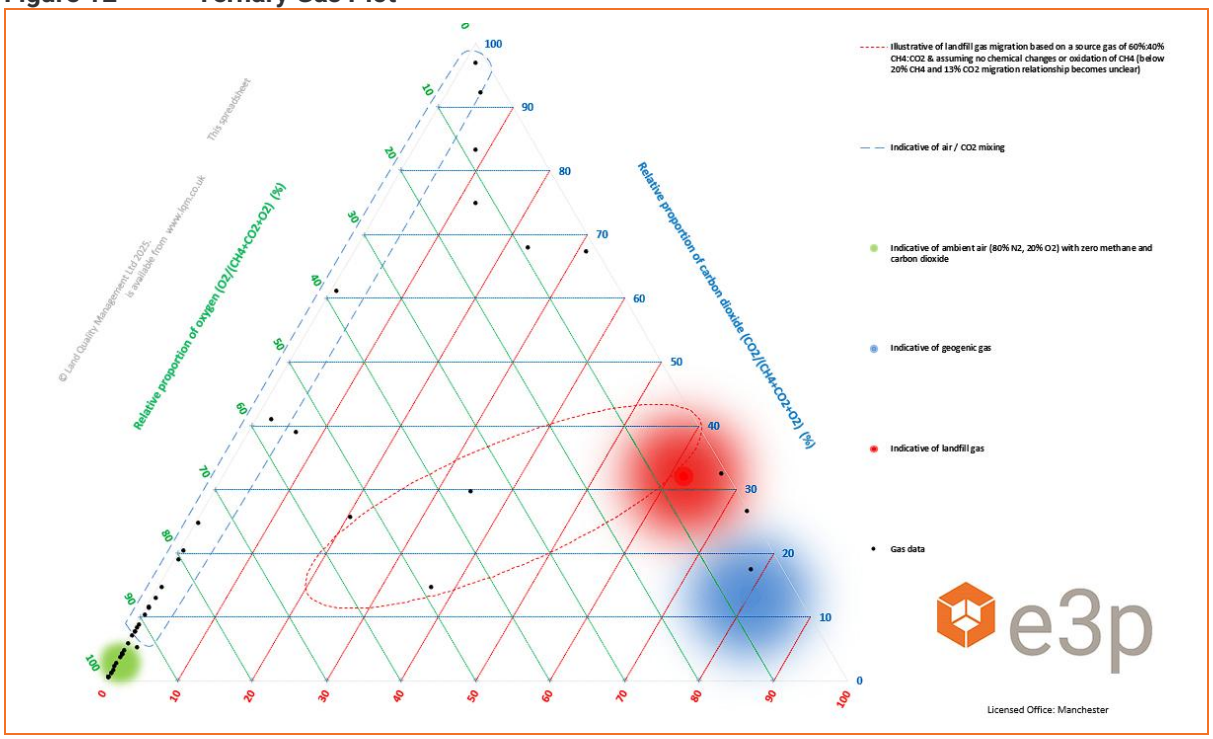
Figure 11 Concentrations of CO2 and CH4 by visit number within WS201



3.4. TERNARY PLOT FOR GROUND GAS

A ternary gas plot is a triangular plot of three variables which equal 100%. They allow the composition of gas to be identified and can help to identify the potential source of gas. As carbon dioxide is present in natural soils (such as Glacial Till), this can lead to uncertainty about whether it is necessary to increase the gas regime. On this basis, a ternary plot has been used as an assessment tool for the gas monitoring data to identify if there is a true risk. Figure 12 shows the ternary gas plot for the gas monitoring data.

Figure 12 Ternary Gas Plot



The ternary gas plot above indicates that the majority of gas data encountered at the Site is considered to be indicative of ambient air, however, several anomalies are present.

The significantly elevated concentrations of methane and carbon dioxide recorded in WS201 are indicative of landfill gas. The ternary plot also suggests that the concentrations of methane and carbon dioxide in WS101, WS111 and WS124 are indicative of landfill gas migration.

A single data point is located in the geogenic area of gas. This data point was identified from WS108 and is likely indicative of organic materials in association with former deposited materials.

4. FURTHER GROUND GAS ASSESSMENT

4.1. FLUX BOX TESTS

Given the significantly elevated concentrations of methane and carbon dioxide recorded in WS201, it was considered necessary to undertake further assessment to understand the potential ground gas risk in this area. The monitoring results indicate a possible localised source of gas generation or a pathway that may be allowing gas to migrate to the surface at higher rates than elsewhere on the site.

To obtain a clearer understanding of the conditions, a flux box survey was recommended. This technique measures the actual rate at which methane is being emitted at ground level, providing quantitative data that cannot be determined from borehole monitoring alone. The survey results will enable a more accurate evaluation of whether the elevated concentrations observed in WS201 are associated with increased surface emissions or are confined to subsurface conditions within the standpipe.

The information gained will be used to refine the conceptual site model and to determine whether any additional gas mitigation or further investigation is required in this part of the site.

Ground Gas Solutions were appointed by E3P as a specialist in the field to complete the flux box survey and provide an independent assessment of methane emission rates at the WS201 location.

4.1.1. METHODOLOGY

Ground Gas Solutions (GGS) completed one round of 5 No. closed chamber flux box tests on 3rd October 2025.

Five monitoring locations (FB01 – FB05) were selected by GGS and set up in the vicinity of WS201 and adjacent to the off-site landfill. GGS has compiled a factual DataPack® Report, which is appended to this report in APPENDIX VII.

GGS utilised a TDL-500 portable gas detector to monitor methane in parts per million (ppm) and a GFM226 gas analyser to monitor carbon dioxide in ppm.

The flux box test duration was set to a minimum of 15 minutes and to a maximum of 60 minutes and sample cycle periods were no longer than 15-30 seconds.

The instruments were deployed within sealed flux boxes (closed chamber boxes). The flux boxes were temporarily sealed to the ground with a mix of sand and bentonite powder.

Prior to the commencement of each test, GGS also recorded the temperature, atmospheric pressure and wind speed and direction.

The GGS calibration certificates for the equipment utilised within the monitoring are appended within the DataPack® Report.

4.1.2. SUMMARY OF RESULTS

Table 6 summarises the results of the Flux Box Emissions Monitoring. The final factual data report is attached to this letter.

Table 6 Summary of Flux Box Test Results

LOCATION	DATE	MAX CH_4 (ppmv)	MAX CO_2 (ppmv)	CH_4 Surface Flux Calculation ($mg/m^2/s$)	CO_2 Surface Flux Calculation ($mg/m^2/s$)
FB01	03/10/2025	10,000	4,979	0.79	0.96
FB02	03/10/2025	17.9	1,476	N/A	0.25
FB03	03/10/2025	19.9	1,340	N/A	0.17
FB04	03/10/2025	9.8	1,204	N/A	0.16
FB05	03/10/2025	11,000	4,290	0.70	0.70

The flux box testing identified the highest methane and carbon dioxide concentrations in FB01 and FB05.

It should be noted that FB05 was a repeat test at the same location as FB01.

4.1.3. ASSESSMENT

A flux at FB05 was calculated as 0.70 $mg/m^2/s$ for both methane and carbon dioxide, and flux calculations of 0.79 and 0.96 were produced for methane and carbon dioxide, respectively.

There was no rate of change to calculate a flux value for methane at locations FB02, FB03 and FB04. Flux calculations for carbon dioxide were between 0.16 – 0.25 $mg/m^2/s$ in FB02, FB03 and FB04.

The flux calculations for methane exceed the surface emission standards of 0.10 $mg/m^2/s$ and 0.001 $mg/m^2/s$ reported in the Environment Agency Guidance on monitoring landfill gas surface emissions (ref: LFTGN07 v2 2010).

GGS also noted that methane was elevated in ambient air, with methane likely trapped after placing and sealing the flux box on the ground surface. This provides evidence of continued emissions across a wider area and /or contribution from the adjacent landfill.

During the monitoring visit, atmospheric pressure was noted to fall from 1004.9 mb to 989.1 mb over an 8-hour reference period. The maximum rate of fall was calculated at 1.97 mbar/hour, which exceeds the Site specific monthly worst-case fall threshold of 1.16 ± 0.08 mbar/hour. Therefore, it is considered that worst case conditions have been observed.

4.2. SURFACE EMISSIONS SURVEY

GGS also completed a surface emissions survey in close proximity to WS201 on 3rd October 2025 which was completed in line with the Environment Agency Guidance (ref: LFTGN07 v2 2010).

4.2.1. METHODOLOGY

The surface emissions survey was undertaken by walking at approximately 1.5 mph along predetermined transect lines in order to provide an accurate representation of surface emissions across the Site.

The survey were carried out using a Inficon Irwin portable gas detector with an adjustable funnel cup probe used to measure methane close to the ground surface.

The GGS calibration certificates for the instruments are appended within the DataPack® Report.

4.2.2. SUMMARY OF RESULTS

The surface emissions survey recorded peak methane readings to the east of WS201 and at a maximum concentration of 8970 ppmv.

Elevated readings were also recorded to the south and west of WS201. Specific point sources were located by GGS, particularly in the area where fence posts were located.

4.2.3. ASSESSMENT

The surface emissions survey recorded concentrations that exceed the concentration of 100 ppmv referenced within the Environment Agency Guidance (ref: LFTGN07 v2 2010) for over a landfill capping layer. The results also exceed the concentration of 1000 ppmv referenced for close to any discrete feature.

4.3. PERIODIC MONITORING

GGS completed periodic ground gas monitoring of WS201 on two separate occasions on 3rd October 2025. Monitoring was completed prior to and following the completion of the flux box tests and survey measurements.

4.3.1. METHODOLOGY

GGS recorded the concentrations of methane, carbon dioxide, oxygen, carbon monoxide and hydrogen sulphide and the flow until steady state conditions were observed, or up to a maximum of 10 minutes. Monitoring was completed using a calibrated portable landfill gas analyser (GA5000).

Groundwater monitoring was also completed, with the depth to groundwater and depth to the base of the monitoring well recorded using a dip meter.

4.3.2. SUMMARY OF RESULTS

The monitoring of WS201 recorded maximum methane concentrations of 72.2 % v/v and 74.5 % v/v and maximum carbon dioxide concentrations of 25.6 % v/v and 23.5 % v/v. Depleted oxygen concentrations were also observed, with steady concentrations of 0.1 % v/v.

A maximum hydrogen sulphide concentration of 346 ppmv was recorded during the initial monitoring. Carbon monoxide concentrations did not exceed 1.0 ppmv.

A maximum steady positive flow rate of 0.5 l/hr was recorded.

A strong rotten egg odour was noted during on both monitoring occasions.

Monitoring was completed during a significant fall in atmospheric pressure (from 1004.9 mb to 989.1 mb over an 8-hour reference period). Therefore it is considered that worst case conditions have been observed.

The full periodic monitoring results are included with the GGS DataPack® Report.

4.3.3. ASSESSMENT

The monitoring recorded significantly elevated methane and carbon dioxide concentrations, which correlate with the E3P ground gas monitoring results.

The monitoring indicates that ground gas is migrating from the adjacent landfill, therefore mitigation measures will be required in this location.

5. UPDATED CONCEPTUAL SITE MODEL

E3P has summarised a timeline of events to more clearly set out the sources, potential pathways and receptors at the Site:

SOURCE

On-site Made Ground

Several monitoring wells were placed across Made Ground deposits, with the below wells correlating specifically with Made Ground deposits that fall outside of the noted landfill delineation zone. The deepest Made Ground encountered within the central region of the Site is discussed in the historically deposited ground below.

Table 7 Monitoring Wells located in the area of Made Ground

MONITORING WELL	GROUND GAS SOURCE	LOCATION ON SITE	UNDERLYING NATURAL DEPOSITS
WS110	*Former Pond / General Coverage*	*South Western*	*CLAY 0.25 – 1.25* *SAND 1.25 – 2.38*
WS119	*Made Ground / General Coverage*	*North East*	*CLAY 1.00-2.80* *SAND 2.80-3.00* *CLAY 3.00-4.00* *SAND 4.00-4.44*
WS122	*Made Ground / General Coverage*	*South Central*	*CLAY 1.00 – 2.45*
WS123	*Made Ground / General Coverage*	*North Central*	*CLAY 1.50 – 2.60* *SAND 2.60 – 3.44*
WS149A	*General Made Ground*	*South Central*	*Not encountered*
WS152	*General Made Ground*	*North East*	*Not encountered*
WS153A	*General Made Ground*	*South East*	*Not encountered*
WS206	*General Coverage / Hydrocarbon Odour*	*North West*	*CLAY 0.80 – 2.60* *SAND 2.60 – 3.00* *CLAY 3.00 – 3.20* *SAND 3.20 – 3.44*

Within the above wells, none indicated elevated ground gases or flow rates that would indicate any significant ground gas source. It is therefore considered that in these areas, the Made Ground is not considered to be a significant gas source.

The risk of ground gas accumulation from Made Ground is therefore considered to be very low.

Historically Deposited Landfill Materials

The deepest Made Ground deposits, highlighted within the Buro Happold and WSP reports as historically deposited landfill materials within the central region of the Site, have been assessed within the below monitoring wells.

Table 8 Monitoring Wells located in the area of Historically Deposited Landfill Materials

MONITORING WELL	GROUND GAS SOURCE	LOCATION ON SITE	UNDERLYING NATURAL DEPOSITS
WS101	*Made Ground*	*Central*	*SAND 2.00 – 2.50* *CLAY 2.50 – 3.00* *SAND 3.00 – 3.30*
WS105	*Made Ground / General Coverage*	*Central*	*CLAY 1.70 – 2.70* *SAND 2.70 – 3.29*
WS121	*Made Ground / Historically deposited materials*	*Central North*	*CLAY 1.60 – 2.80* *SAND 2.80 – 3.43*
WS125	*Made Ground / Historically deposited materials*	*East*	*CLAY 1.00 – 2.95*
CP/RB102	*Made Ground materials / Historically deposited materials*	*Central North*	*CLAY 4.90 – 5.10*
CP/RB103	*Made Ground / General Coverage*	*Central*	*CLAY 3.60 – 4.70*

Within these monitoring wells, elevations in both methane and carbon dioxide have been recorded within WS101, WS105 and CP/RB103. None of the monitoring wells indicated a significant flow. It is considered by E3P that due to the elevated readings encountered associated with these deposited materials, mitigation measures would be prudent in all proposed plots within these areas.

Landfill Sites

Monitoring wells were placed along the boundary of the known adjacent landfill site to assess the potential for gas migration, and these wells are highlighted in Table 9 below:

Table 9 : Monitoring wells located adjacent to the landfill site to the west

MONITORING WELL	GROUND GAS SOURCE	LOCATION ON SITE	UNDERLYING NATURAL DEPOSITS
WS102	*Adjacent Landfill / Made Ground*	*South*	*CLAY 3.10 - 4.45*
WS106	*Adjacent Landfill / Made Ground*	*South*	*CLAY 2.50 – 3.70* *SAND 3.70 – 4.18*
WS108	*Adjacent Landfill / Made Ground*	*South central*	*Not encountered*
WS111	*Adjacent Landfill / Made Ground / Historically deposited materials*	*Central*	*Not encountered*
WS113	*Adjacent Landfill*	*North central*	*CLAY 0.15 – 2.00* *SAND 2.00 – 2.44*
WS124	*Adjacent Landfill / Made Ground / Historically deposited materials*	*North*	*Not encountered*
CP/RB101	*Adjacent Landfill / Made Ground materials / Historically deposited materials*	*Central*	*CLAY 5.50 – 6.10*
WS201	*Adjacent Landfill / Made Ground*	*North west*	*SAND 3.00 – 4.43*

All of the monitoring wells adjacent to the landfill indicated elevated concentrations of methane and carbon dioxide within at least one of the 24 visits completed. Notable concentrations were noted in WS108 and WS201 in particular, with peak methane concentrations of 46.1 l/hr and 74.5 l/hr respectively. These wells indicated high readings on multiple occasions throughout the monitoring regime, and therefore E3P can conclude that the adjacent landfill is considered to be a ground gas risk to the proposed development site and mitigation measures will need to be implemented in this area.

Former Petrol Filling Station

Within the former petrol filling station area to the north of the Site, three monitoring wells were installed to fully evaluate the ground gas risk from residual hydrocarbons, as shown in Table 10.

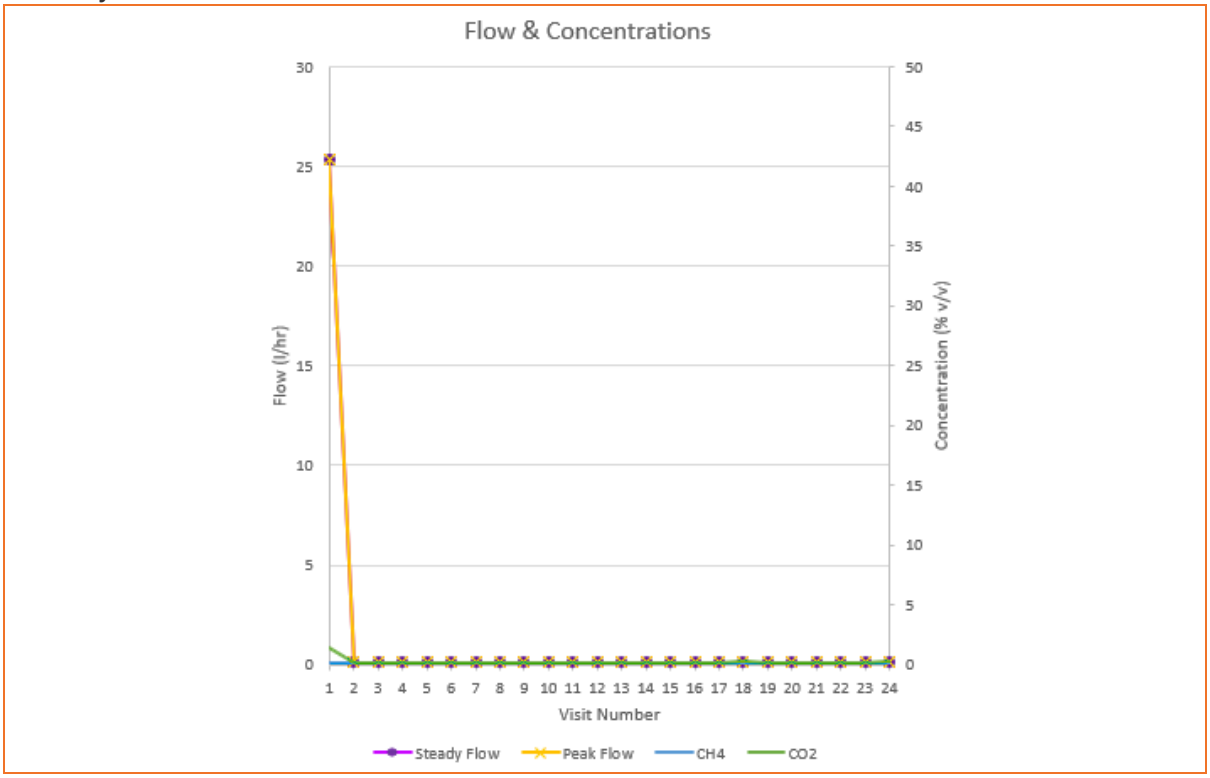
Table 10 Monitoring wells located in the area of the former petrol filling station

MONITORING WELL	GROUND GAS SOURCE	LOCATION ON SITE	UNDERLYING NATURAL DEPOSITS
WS138	*Former Garage*	North (Southwest of former petrol station)	CLAY 1.00 – 1.80 SAND 1.80 – 4.45
WS140	*Former Garage*	North (In the area of the former petrol station)	SAND 1.00 – 1.40 CLAY 1.40 – 3.45
WS142	*Former Garage*	North (In the area of the former petrol station)	SAND 1.00 – 2.40 CLAY 2.40 – 3.11

Within the above monitoring wells, none of the wells indicated elevated concentrations of carbon dioxide or methane.

Monitoring well WS138 indicates an elevated peak flow reading of 25.3 l/hr on the first visit of 24 visits, with no other elevated flow across the remainder of the gas monitoring visit, as shown in Figure 13. It also indicates no elevated readings of methane or carbon dioxide, and it is therefore unlikely that this indicates any source of ground gas generation in this borehole, and the elevated flow is related to a high groundwater level. Gas protection measures are not considered to be required in this area of the Site.

Figure 13 Relationship between Flow and Concentrations within WS138, indicating elevated flow only on the first visit.



PATHWAY

Underlying Superficial Deposits

- Superficial deposits were encountered within the majority of exploratory locations with the exception of locations where the full depth of Made Ground could not be proven. The superficial deposits are varied, generally comprising soft to very stiff, medium to very high strength, slightly gravelly sandy brown CLAY with gravel of sandstone and mudstone or a slightly gravelly to gravelly, slightly clayey to very clayey fine to medium SAND with gravel of sandstone and mudstone.

- In the majority of monitoring well locations, the underlying superficial deposits comprise a layer of low-permeability cohesive deposits, followed by a layer of high-permeability sand.

- Due to the granular layers observed, the migration of ground gases from the landfill or deep Made Ground deposits cannot be ruled out, although it is noted that the clay layer will limit migration into shallow foundations.

RECEPTOR

- The proposed development is a low-rise residential development of circa 807 plots, which is considered to be a high-risk end-use with regards to ground gas.

6. GROUND GAS ASSESSMENT

6.1. CONCLUSION

The determined Characteristic Situation for each standpipe is presented in Table 11. This indicates that based on the peak flow rates the majority of the monitoring visits are classified as Characteristic Situation (CS)1 – Very Low Gas Risk, with areas of the Site characterised as CS2. In addition, a localised area of the Site associated with the adjacent landfill and historically deposited materials has been characterised as CS4 due to significant concentrations of methane and carbon dioxide. Data obtained from flooded monitoring wells or during flooded visits has been excluded from the assessment.

Table 11 Gas Risk Profile and Location

LOCATION	MAX CH_4 (% v/v)	GSV (l/hr)	MAX CO_2 (% v/v)	GSV (l/hr)	CHARACTERISTIC SITUATION
WS101	**6.8**	0.0068	**8.5**	0.0085	**CS2***
WS102	**3.7**	0.0037	**10.8**	0.0108	**CS2***
WS105	0.1	0.0001	**6.9**	0.0069	**CS2***
WS106	0.4	0.0004	**7.7**	0.0077	**CS2***
WS108	**46.1**	0.0461	**10.3**	0.0103	**CS2***
WS110	0.1	0.0001	1.5	0.0015	CS1
WS111	**6.2**	0.0062	**5.3**	0.0053	**CS2***
WS113	0.1	0.0164	3.1	**0.1984**	**CS2**
WS115	0.1	0.0001	0.1	0.0001	CS1
WS117	0.1	0.0001	0.1	0.0001	CS1
WS118	0.1	0.0001	0.3	0.0003	CS1
WS119	0.1	0.0001	0.1	0.0001	CS1
WS120	0.1	0.0001	0.1	0.0001	CS1
WS121	0.1	0.0001	0.1	0.0001	CS1
WS123	0.1	0.0001	0.1	0.0001	CS1
WS124	**13.7**	0.0137	**5.4**	0.0054	**CS2***
WS125	0.1	0.0001	0.1	0.0001	CS1
WS126	0.4	0.0016	3.2	0.0128	CS1
WS128	0.1	0.0001	1.1	0.0011	CS1
WS130	0.1	0.0001	0.1	0.0001	CS1
WS132	0.1	0.0001	1.2	0.0012	CS1
WS133	0.1	0.0001	2.3	0.0023	CS1
WS135	0.1	0.0001	0.1	0.0001	CS1
WS136	0.1	0.0001	0.8	0.0008	CS1
WS137	*Flooded*				
WS138	0.1	0.0253	0.3	0.0003	CS1
WS140	0.1	0.0001	0.8	0.0008	CS1

LOCATION	MAX CH_4 (% v/v)	GSV (l/hr)	MAX CO_2 (% v/v)	GSV (l/hr)	CHARACTERISTIC SITUATION
WS141	0.1	0.0001	2.4	0.0024	CS1
WS142	0.1	0.0001	1.1	0.0011	CS1
WS144	0.1	0.0001	0.8	0.0008	CS1
WS147	*Flooded*				
WS149A	0.1	0.0001	0.8	0.0008	CS1
WS151	0.1	0.0001	0.1	0.0001	CS1
WS152	0.8	0.0008	4.8	0.0048	CS1
WS153A	0.1	0.0001	0.8	0.0008	CS1
WS157	0.1	0.0001	0.2	0.0002	CS1
WS161	0.1	0.0001	0.1	0.0001	CS1
WS169	0.1	0.0001	0.1	0.0001	CS1
WS171	0.1	0.0001	0.1	0.0001	CS1
CP/RB101	0.1	0.0001	0.1	0.0001	CS1
CP/RB102	0.1	0.0001	0.1	0.0001	CS1
CP/RB103	0.1	0.0001	0.1	0.0001	CS1
WS201	**74.5**	**4.5612**	**26.5**	**1.5372**	**CS4 (methane)**
WS202	*Flooded*				
WS204	0.1	0.0019	1.0	0.0114	CS1
WS206	0.1	0.002	0.6	0.006	CS1

**** Classified as precautionary CS2 based on high concentrations observed. GSV however noted to fall under CS2 threshold.***

E3P has assessed the previous variables and has made the following conclusions based on the ground gas monitoring programme:

- Ground gas monitoring has been split into different sections based on the observed or theorised ground gas source, with the key sources identified as the adjacent landfill, the historically deposited landfill materials across the Site, and the former petrol filling station.
- The key source of ground gas identified within the conceptual site model is the adjacent landfill at Bewley Road (Ref: EAHLD06985), which is noted to include household waste and was active from the 1950s to circa 1974.
- In addition, deep Made Ground has been encountered across the Site, with the deepest deposits noted across the central region of the Site associated with historical upfilling with landfill materials, as delineated in the Buro Happold report (Ref: 021706, dated November 2007).
- To the north of the Site, in the area of the former petrol filling station and in the supplementary investigation to the northwest, volatile hydrocarbon contamination has been encountered. The area will be fully remediated with the tanks removed and validated to ensure that there is no unacceptable risk to future end users or the wider environ. None of the wells at the former filling station site indicated elevated concentrations of carbon dioxide or methane.
- The highest concentrations of ground gas observed were in monitoring wells WS201 and WS108, both located adjacent to the Bewley Road Landfill site.

- In WS201, methane was recorded at a maximum concentration of 72.8 % v/v and GSV reading of 4.56 l/hr, with consistently high concentrations recorded throughout all visits. WS201 also indicates high levels of CO_2 with a maximum concentration recorded as 26.5 % v/v and GSV of 1.54 l/hr. Concentrations above the limit of detection of hydrogen sulphide (H_2S) were also identified within WS201. Hydrogen sulphide can be a corrosive gas, and it is therefore essential that if plots are to be built in this area, the manufacturer of the gas-resistant membrane on any plot must be consulted to ensure that it is suitable for the levels of sulphide observed.

- The GSV for methane is currently within a CS4 classification in WS201. This borehole is located adjacent to the north of the off-site landfill. In addition, Made Ground with a hydrocarbon odour and decaying timber was noted.

- Monitoring well WS108 is situated in the southern central region of the Site, directly adjacent to the Bewley Road Landfill site. It has recorded a maximum methane concentration of 46.1 % v/v and a carbon dioxide concentration of 10.8 % v/v. Despite high concentrations recorded, minimal flow has been recorded in this location, and it is therefore considered to fall within the CS2 category, alongside all other plots adjacent to the landfill.

- The increased flow rate observed in WS113 during visit 1 (6.4 l/hr) is likely associated with the known landfill located directly adjacent to the western boundary; however, across a total of 30 visits completed, only one visit noted any indication of gas flow, with the majority of visits encountering carbon dioxide and methane at the limit of detection.

- Several monitoring wells across the Site have identified elevated concentrations of methane and/or carbon dioxide, however with GSV thresholds noted to be below the CS2 criteria. These wells include: WS101, WS102, WS105, WS106, WS108, WS111 and WS124. In general, all of the above noted locations can be associated with the infilling of ground in the central parts of the Site and adjacent to the known landfill. It is considered by E3P that precautionary CS2 membranes should be placed in these areas.

- Regarding potential ground gas pathways across the Site, it has been noted that the majority of wells are predominantly underlain by both granular SANDS and cohesive CLAY at depths of 0.10 m bgl to 6.10 m bgl, and it is, therefore, unlikely to fully restrict the migration of ground gases.

- Ground gas migration pathways are likely to alter during the development, drainage could introduce preferential pathways for gas migration into buildings.

- High groundwater levels have been observed across the Site, therefore the soils are largely saturated. The proposed development will result in a change in the hydrogeology, and this has the potential to change the anaerobic and aerobic environment, which may result in the increased generation of CH4 and CO2.

- Migration of ground gas from the adjacent landfill has been identified and this has the potential to act as a significant ongoing source of ground gas. The ternary plot indicates that the concentrations of methane and carbon dioxide in WS101, WS111 and WS124 are indicative of landfill gas migration. In addition, elevated flow rates and GSVs were recorded in WS201 and WS113 located to the north of the adjacent landfill. Ground gas is considered to be actively migrating along the infilled channel through the central sector of the Site.

- The flux box tests and surface emissions survey identified elevated concentrations of methane and carbon dioxide in the vicinity of WS201.Given the observed gas concentrations within the adjacent landfill, a gas ventilation trench is considered to be required along the boundary with the landfill to act as a pressure relief pathway and reduce the ground gas concentrations in this area of the Site. The gas ventilation trench will need to be designed and installed by a suitably qualified specialist and validated through a programme of post remediation monitoring.

- Made Ground deposits within the vicinity of WS201 will require excavation to their full depth and all deleterious and putrescible materials removed for off-site disposal.

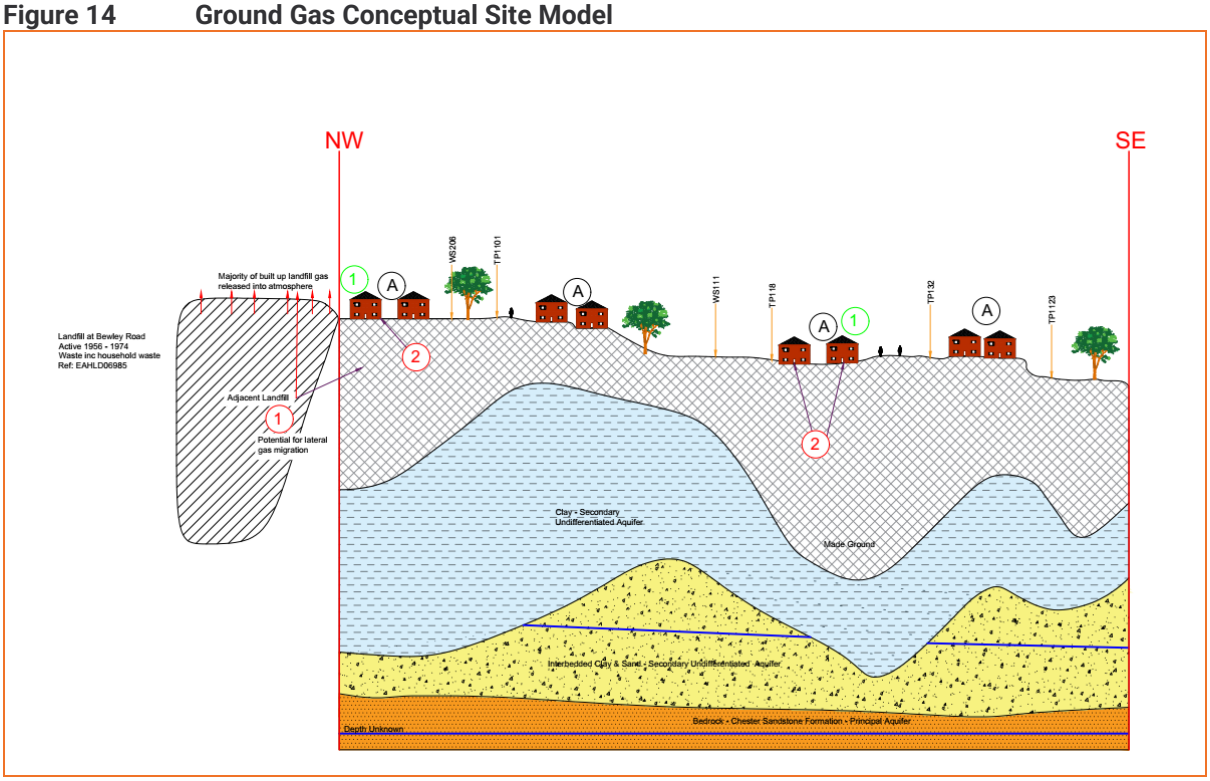
- Further post remediation assessment will be required in the location of WS201 to confirm the ground gas classification, given this location is currently classified as CS4 due to significantly elevated concentrations of methane and carbon dioxide. Post remediation monitoring will be required following the installation of the gas ventilation trench and remedial excavation works in order to confirm the reduction of recorded ground gas concentrations.

- With due consideration of the Conceptual Site Model, it is considered that following the installation of the gas ventilation trench, CS3 mitigation measures will be required for all plots located within 50 m of the adjacent landfill, and CS2 mitigation measures will be required for all plots located within 100 m of the adjacent landfill and where monitoring has identified a CS2 classification in the area of the on-site infilled channel in the central sector. It is considered that plots located in the south east, east and north of the Site can be classified as CS1 and gas protection measures are not considered to be required in these locations.

It is recommended that the full ground gas assessment and recommended protection measures (if applicable) be agreed upon with the local authority prior to their adoption on-site. Furthermore, all protection measures adopted should be validated by a suitably qualified engineer.

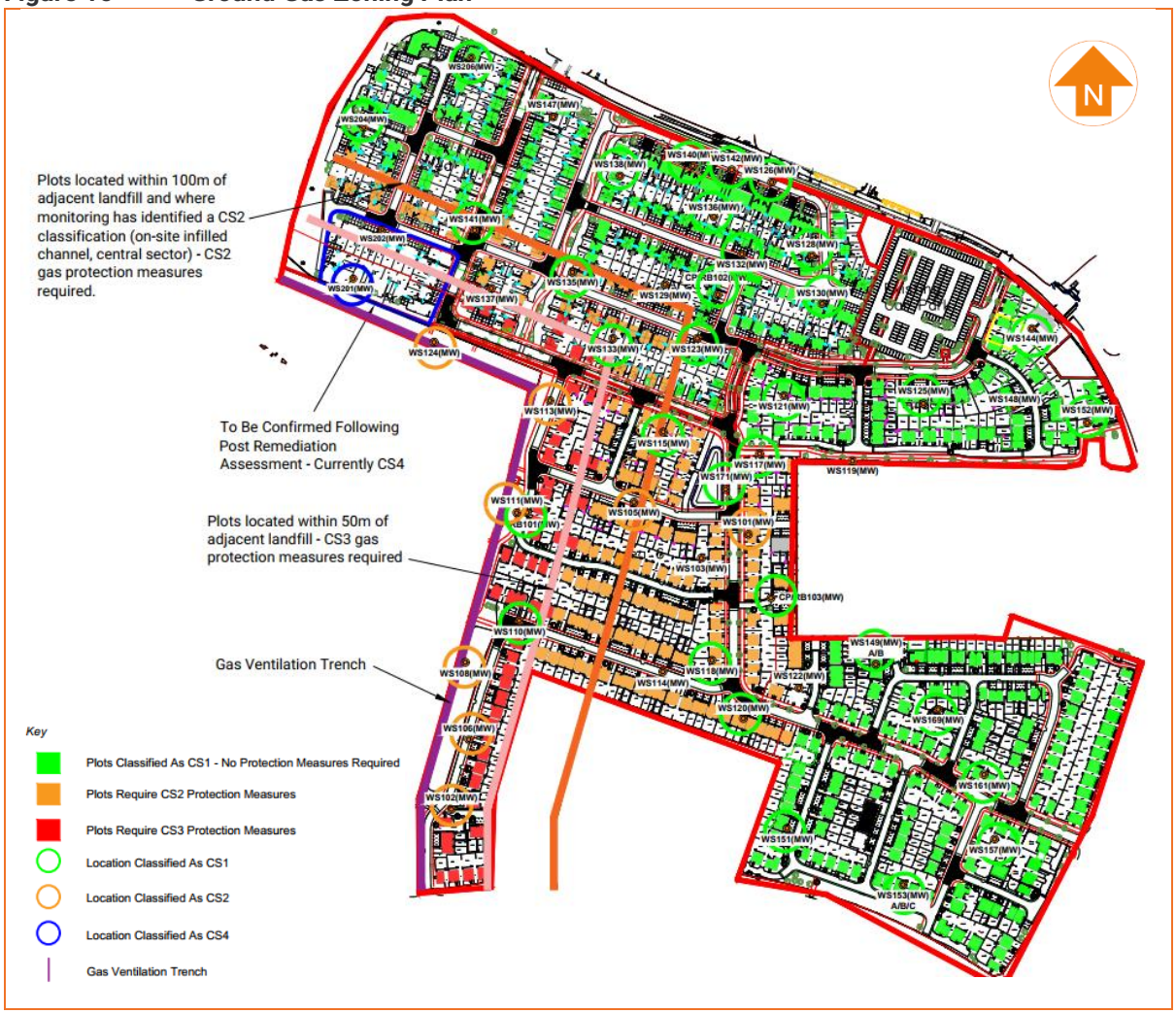
Figure 14 presents an updates ground gas conceptual site model, where the migration of ground gas from the landfill can be seen as the main risk across the Site.

Figure 14 Ground Gas Conceptual Site Model



Based on the above conclusions, a detailed ground gas zoning plan has been created and is presented as Drawing 15-280-020 in APPENDIX III to indicate the plots that will require ground gas mitigation to ensure no risk to future end users. A snapshot of the ground gas zoning plan is presented as Figure 15.

Figure 15 Ground Gas Zoning Plan



A Gas Protection Design Report (GPDR) and the design of a gas ventilation / pathway interruption trench along the boundary with the landfill will be required to be read in conjunction with this report.

END OF REPORT

APPENDIX I
LIMITATIONS



GENERAL

1. This report and any associated works (together comprising the "Services") were compiled and carried out by E3P for the client (as present in Section 1) under the E3P “Terms of Business” or with those parties with whom a warranty agreement has been executed, or with whom an assignment has been agreed and outlined in the body of the report.

2. Unless explicitly agreed otherwise, in writing, this report has been prepared under E3P Standard Terms and Business as included within our proposal to the Client.

3. Project-specific appointment documents may be agreed upon at our discretion and a charge may be levied for both the time to review and finalise appointment documents and also for associated changes to the appointment terms. E3P reserves the right to amend the fee should any changes to the appointment terms create an increased risk to E3P.

4. The report needs to be considered in light of the proposal and associated limitations of scope. The report needs to be read in full and isolated sections cannot be used without full reference to other elements of the report and any previous works referenced within the report.

PHASE 1 GEOENVIRONMENTAL AND PRELIMINARY RISK ASSESSMENTS

5. Coverage: This section covers reports with the following titles or combination of titles: Phase 1; Desktop Study; Geoenvironmental Assessment; Development Appraisal; Preliminary Environmental Risk Assessment; Constraints Report; Due Diligence Report; Geotechnical Development Review; Environmental Statement; Environmental Chapter; Baseline Environmental Assessment; Project Scope Summary Report (PSSR), Program Environmental Impact Report (PEIR), Geotechnical Development Risk Register; Agricultural Land Assessment; Mineral Safeguarding Assessment; Desk Top Coal Mining Risk Assessment; Hydrogeological Appraisal; Construction Environmental Management Plan; and Site Water Management Plan.

6. The works undertaken to prepare this report comprised a study of available and easily documented information from a variety of sources (including the Client), together with (where appropriate) a brief walkover inspection of the Site and correspondence with relevant authorities and other interested parties. Due to the short timescales associated with these projects responses may not have been received from all parties. E3P cannot be held responsible for any disclosures that are provided post-production of our report and will not automatically update our report.

7. The opinions given in this report have been dictated by the finite data on which they are based and are relevant only for the purpose for which the report was commissioned. The information reviewed should not be considered exhaustive and has been accepted in good faith as providing true and representative data pertaining to site conditions. Should additional information become available which may affect the opinions expressed in this report, E3P reserves the right to review such information and, if warranted, to modify the opinions accordingly.

8. It should be noted that any risks identified in this report are perceived risks based on the information reviewed. Actual risks can only be assessed following intrusive investigations of the Site.

9. Where mention has been made to the identification of Japanese Knotweed and other invasive plant species and asbestos or asbestos-containing materials, this is for indicative purposes only and does not constitute or replace full and proper surveys completed by suitably qualified and experienced specialists in these fields.

10. E3P does not warrant work/data undertaken/provided by others.

INTRUSIVE INVESTIGATION REPORTS

11. Coverage: The following report titles (or combination) may cover this category of work: Geoenvironmental Site Investigation; Geotechnical Assessment; GIR (Ground Investigation Reports); Preliminary Environmental And Geotechnical Risk Assessment; Preliminary Summary; Coal Mining Risk Assessment, Ground Gas Addendum; and, Geotechnical Risk Register.

12. The investigation has been undertaken to provide information concerning either:

    I. The type and degree of contamination present at the Site in order to allow a generic quantitative risk assessment to be undertaken; or

    II. Information on the soil properties present at the Site to allow for geotechnical development constraints to be considered.

13. The scope of the investigation was selected on the basis of the specific development and land use scenario proposed by the Client and may be inappropriate to another form of development or scheme. If the development layout was not known at the time of the investigation the report findings may need revisiting once the development layout is confirmed.

14. Unless otherwise specified in the scope of works, any site drawing(s) provided in this report is (are) not meant to be an accurate base plan but is (are) used to present the general relative locations of features on, and surrounding, the Site. Features (intrusive and sample locations etc) annotated on site plans are not drawn to scale but are centred over the approximate location. Such features should not be used for setting out and should be considered indicative only.

15. For contamination purposes, the objectives of the investigation are limited to establishing the risks associated with potential contamination sources with the potential to cause harm to human health, building materials, the environment (including adjacent land), or controlled waters.

16. For geotechnical investigations, the purpose is to broadly consider potential development constraints associated with the physical property of the soils underlying the Site within the context of the proposed future or continued use of the Site, as stated within the report.

17. The amount of exploratory work, soil property testing and chemical testing undertaken has necessarily been restricted by various factors which may include accessibility, the presence of services; existing buildings; current site usage or short timescales. The exploratory holes completed assess only a small percentage of the area in relation to the overall size of the Site, and as such can only provide a general indication of conditions.

18. The number of sampling points and the methods of sampling and testing do not preclude the possible existence of contamination where concentrations may be significantly higher than those actually encountered or ground conditions that vary from those identified. In addition, there may be exceptional ground conditions elsewhere on the Site which have not been disclosed by this investigation and which have therefore not been taken into account in this report.

19. The inspection, testing and monitoring records relate specifically to the investigation points and the timeframe that the works were undertaken. They will also be limited by the techniques employed. As part of this assessment, E3P has used reasonable skill and care to extrapolate conditions between these points based on assumptions to develop our interpretation and conclusions.

20. The assumption made in forming our conclusions is that the ground and groundwater conditions (both chemically and physically) are the same as have been encountered during the works undertaken at the specific points of investigation and at the time of the investigation.

21. Conditions can change between investigation points both spatially and over time and these interpretations should therefore be considered indicative. The assessment of extreme weather events and their impact on ground conditions is not within the scope of E3P's work.

22. The risk assessment and opinions provided are based on currently available guidance relating to acceptable contamination concentrations; no liability can be accepted for the retrospective effects of any future changes or amendments to these values. Specific assumptions associated with the risk assessment process have been outlined within the body or associated appendix of the report.

23. Additional investigations may be required in order to satisfy relevant planning conditions or to resolve any engineering and environmental issues.

24. Where soil contamination concentrations recorded as part of this investigation are used for commentary on the potential waste classification of soils for disposal purposes, these should be classed as indicative only. Due consideration should be given to the variability of contaminant concentrations taken from targeted samples versus bulk excavated soils and the potential variability of contaminant concentrations between sampling locations. Where major waste disposal operations are considered, targeted waste classification investigations should be designed and the waste classification and any subsequent disposal option agreed upon with licenced subcontractors and/or the relevant regulators.

25. The results of the asbestos testing are factually reported and interpretation is given as to how this relates to the previous use of the Site, the types of ground encountered and site conceptualisation. This does not however constitute a formal asbestos assessment. These results should be treated cautiously and should not be relied upon to provide detailed and representative information on the delineation, type and extent of bulk ACMs and/or trace loose asbestos fibres within the soil matrix at the Site.

26. If costs have been included in relation to additional Site works, and/or site remediation works these must be considered as indicative only and must be confirmed by a qualified quantity surveyor.

EUROCODE 7: GEOTECHNICAL DESIGN

27. On 1st April 2010, BS EN 1997-1:2004 (Eurocode 7: Geotechnical Design – Part 1) became the mandatory baseline standard for geotechnical ground investigations.

28. In terms of geotechnical design for foundations, slopes, retaining walls and earthworks, EC7 sets guidance on design procedures including specific guidance on the numbers and spacings of boreholes for geotechnical design, there are limits to methods of ground investigation and the quality of data obtained and there are also prescriptive methods of assessing soil strengths and methods of design. Unless otherwise explicitly stated, the work has not been undertaken in accordance with EC7. A standard geotechnical interpretative report will not meet the requirements of the Geotechnical Design Report (GDR) under Eurocode 7. The GDR can only be prepared following confirmation of all structural loads and serviceability requirements. The report is likely to represent a Ground Investigation Report (GIR) under the Eurocode 7 guidance.

DETAILED QUANTITATIVE RISK ASSESSMENTS AND REMEDIATION AND ENABLING WORK STRATEGY REPORTS

29. These reports build upon previous report versions and associated notes. The scope of the investigation, further testing and monitoring and associated risk assessments were selected based on the specific development and land use scenario proposed by the Client and may not be appropriate to another form of development or scheme layout. The risk assessment and opinions provided are based on currently available approaches in the generation of Site Specific Assessment Criteria relating to contamination concentrations and are not considered to represent a risk in a specific land use scenario to a specific receptor. No liability can be accepted for the retrospective effects of any future changes or amendments to these values, associated models or associated guidance.

30. The outputs of the Detailed Quantitative Risk Assessments are based upon the manipulation of standard risk assessment models. These are our interpretation of the risk assessment criteria.

31. Before adoption on-site, assessment criteria will need to be discussed and agreed upon with the Regulatory Authorities prior to adoption on Site. The regulatory discussion and engagement process may result in an alternative interpretation being determined and agreed. The process and timescales associated with the Regulatory Authority engagement are not within the control of E3P. All costs and programmes presented as a result of this process should be validated by a quantity surveyor and should be presumed to be indicative.

32. E3P does not accept liability for any subcontract work that has not been completed in strict accordance with an approved E3P Remediation and Enabling Works Strategy.

GEOTECHNICAL DESIGN REPORT (GDR)

33. The GDR can only be prepared following confirmation of all structural loads and serviceability requirements. All the relevant information needs to be provided to allow for a GDR to be produced.

MONITORING (INCLUDING REMEDIATION MONITORING REPORTS AND BUILD PHASE MITIGATION)

34. These reports are factual and comprise monitoring, normally groundwater and ground gas and data provided by contractors as part of earthworks or remedial works.

35. The data is presented and will be compared with assessment criteria.

APPENDIX II
GLOSSARY



TERMS

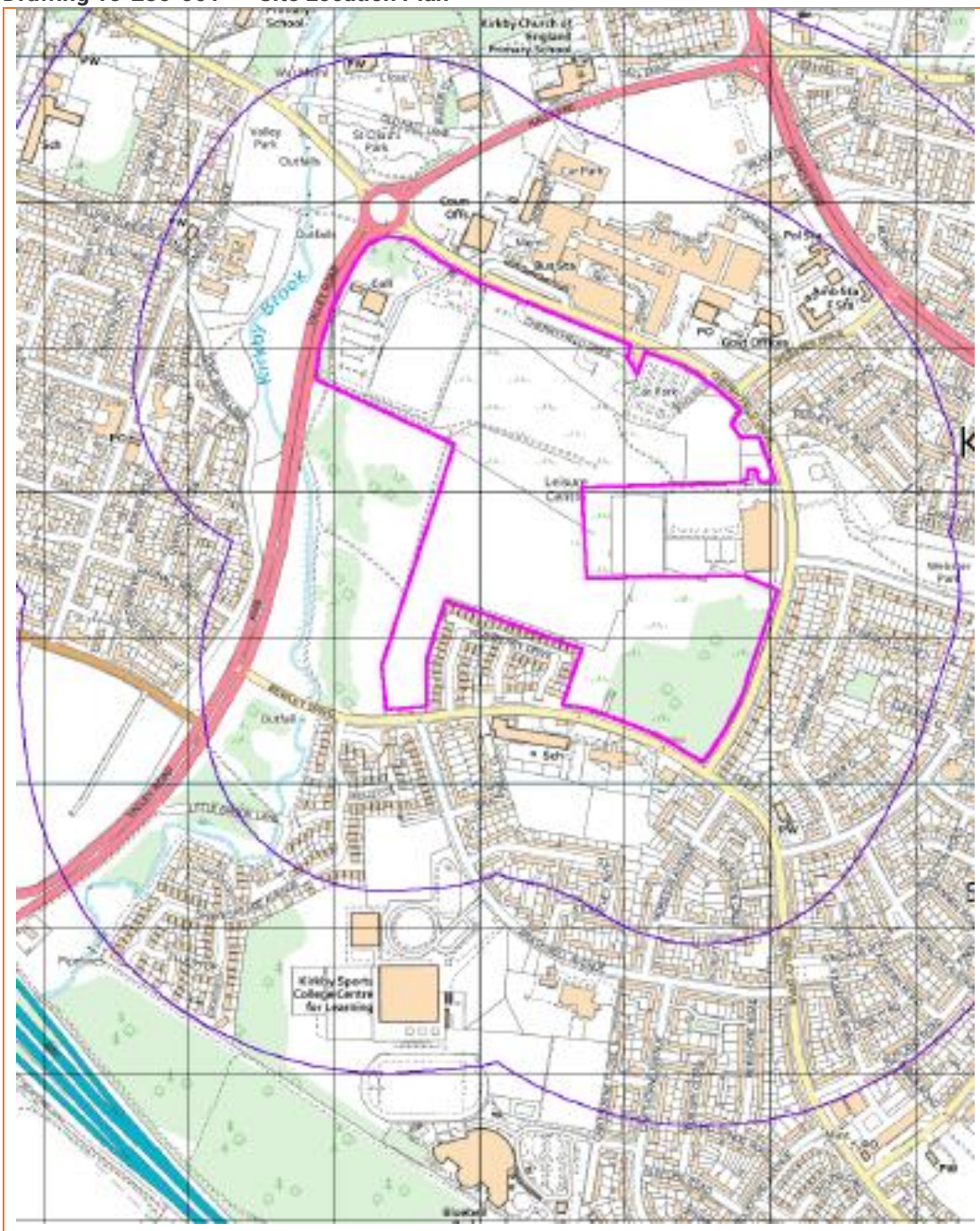
ACM	Asbestos containing material	**MMP**	Materials management plan
ADS	Acoustic design statement	**ND**	Not detected
AST	Aboveground storage tank	**NDP**	Nuclear density probe
BGS	British Geological Survey	**NMP**	Noise management plan
BSI	British Standards Institute	**NPSE**	Noise policy statement for England
BTEX	Benzene, toluene, ethylbenzene, xylenes	**NR**	Not recorded
CA	Coal Authority	**PAH**	Polycyclic aromatic hydrocarbon
CBR	California bearing ratio	**PCB**	Polychlorinated biphenyl
CIEH	Chartered Institute of Environmental Health	**PI**	Plasticity index
CIRIA	Construction Industry Research Association	**PID**	Photo ionisation detector
CLEA	Contaminated land exposure assessment	**POS**	Public open space
CML	Council of Mortgage Lenders	**PPE**	Personnel protective equipment
CoC	Contaminants of concern	**ProPG**	Professional practice guidance
CSM	Conceptual site model	**QA**	Quality assurance
DNAPL	Dense nonaqueous phase liquid (chlorinated solvents, PCB)	**SGV**	Soil guideline value
DWS	Drinking water standard	**SPH**	Separate phase hydrocarbon
EA	Environment Agency	**SPT**	Standard penetration test
EQS	Environmental quality standard	**SVOC**	Semi volatile organic compound
FFL	Finished floor level	**TPH**	Total and speciated petroleum hydrocarbon
GAC	General assessment criteria	**TPH CWG**	Total Petroleum Hydrocarbon (Criteria Working Group)
GL	Ground level	**UKWIR**	United Kingdom Water Infrastructure Risk
GSV	Gas screening value	**UST**	Underground storage tank
HCV	Health criteria value	**VCC**	Vibrionaceae column
ICSM	Initial conceptual site model	**VOC**	Volatile organic compound
LEL	Lower explosive limit	**VRSC**	Vibroreplacement stone columns
LMRL	Lower method reporting limit	**VSC**	Vibrostone columns
LNAPL	Light nonaqueous phase liquid (petrol, diesel, kerosene)	**WHO**	World Health Organisation

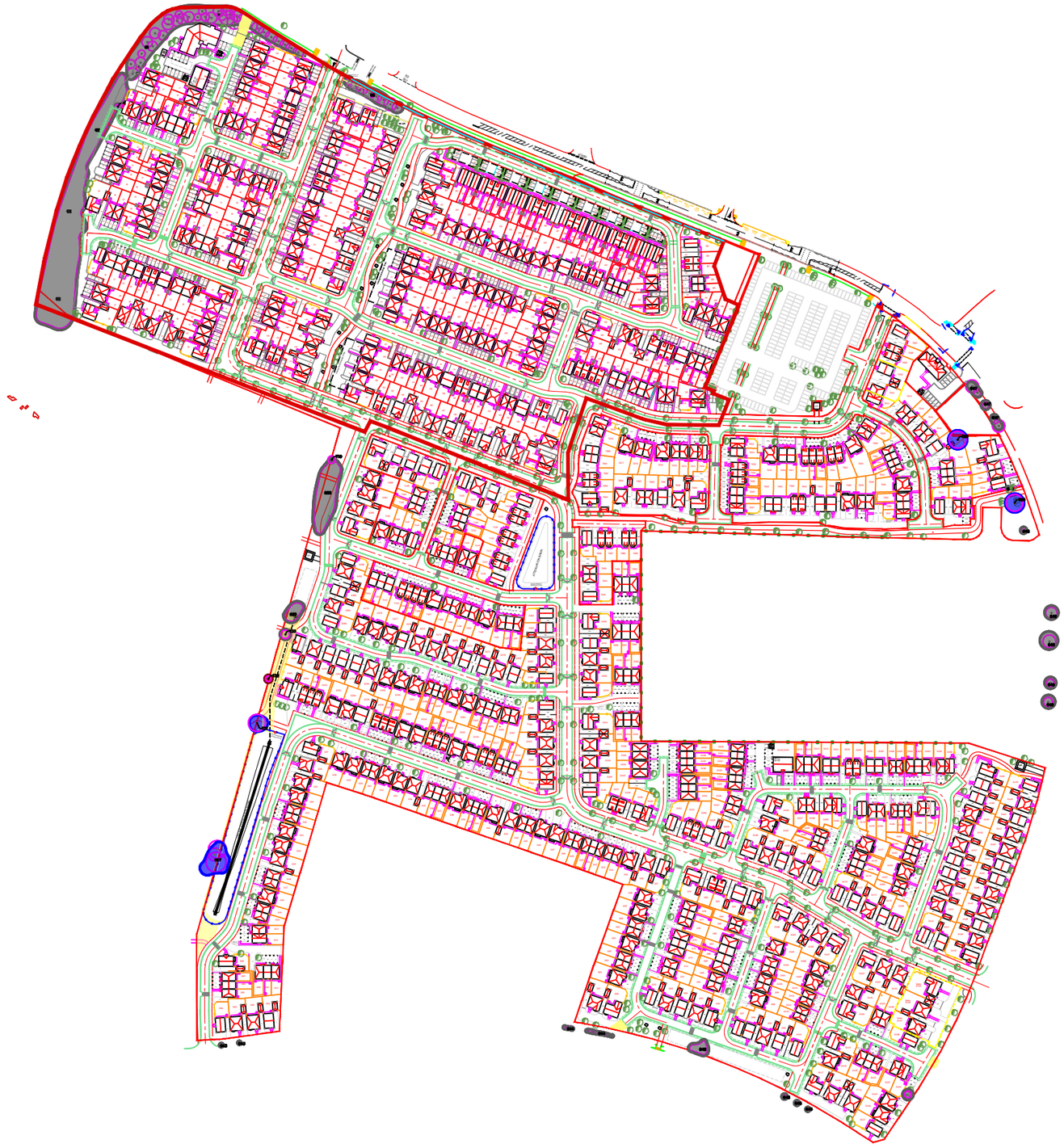
MCV	Moisture condition value	**WRAP**	Waste and Resources Action Programme
MIBK	Methyl isobutyl ketone	**WTE**	Water table elevation
m	Metres	**ppm**	Parts per million
km	Kilometres	**mg/m^3**	Milligram per metre cubed
% v/v	Percent volume in air	**m bgl**	Metres below ground level
mb	Millibars (atmospheric pressure)	**m bcl**	Metre below cover level
l/hr	Litres per hour	**mAOD**	Metres above ordnance datum (sea level)
µg/l	Micrograms per litre (parts per billion)	**kN/m^2**	Kilonewtons per metre squared
ppb	Parts per billion	**µm**	Micrometre
mg/kg	Milligrams per kilogram (parts per million)	**SSRT**	Site Specific Remediation Target
PSD	Particle Size Distribution	**DD**	Dry Density
CL:AIRE	Contaminated Land: Applications in Real Environments	**Mc**	Moisture Content
ρ	Bulk Density	**GPR**	Ground Penetrating Radar
NDP	Nuclear Density Probe	**FFL**	Finished Floor Level
LEL	Lower Explosive Limit	**UKWIR**	UK Water Industry Research
CIRIA	Construction Industry Research and Information Association	**LOD**	Limit of Detection

APPENDIX III
DRAWINGS



Drawing 15-280-001 Site Location Plan





Notes:

P1	REVE	05.03.2025	CB	NS
P1	REVD	28.02.2025	TG	BH
P1	REVC	03.05.2024	OW	BH
P1	REVB	04.12.2022	LM	BH
P1	REVA	20.04.2022	LM	BH
Phase	Issue	Date	Drawn	Checked

Client: DWH

Job No: 15-280

Date: 05.03.2025

Drawing No: 002

Scale: NTS

Job Title: Cherryfield Drive, Kirkby

Drawing Title: Proposed Development Plan

e3p
Environmental Engineering Partnership Ltd
Taylor Road, Trafford Park
Urmston, Manchester, M41 7JQ
Tel: 0161 707 9612
E-mail: info@e3p.co.uk
Website: www.e3p.co.uk

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Historical Features

- Former Residential Buildings
- Former School / College Buildings
- Former Buildings
- Former Tennis Courts
- Former Running Track
- Former Footpath
- Former Car Park
- Former Woodland
- Former Pond
- Former Garage / Petrol Filling Station
- Substations
- Former Track
- Former Embankment
- Former Tennis Courts
- Former Gravel Pit

Notes:

Phase	Issue	Date	Drawn	Checked
P1	REVD	25.04.2022	LM	RH
P1	REVC	22.04.2022	LM	RH
P1	REVB	07.12.2021	LM	RH
P1	REVA	02.12.2021	LM	JB

Client: DWH

Job No: 15-280

Date: 25.04.2022

Drawing No: 003

Scale: 1:1000 @ A3

Job Title: Cherryfield Drive, Kirkby

Drawing Title: Historical Features Plan

Environmental Engineering Partnership Ltd
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E-mail: info@e3p.co.uk
Website: www.e3p.co.uk

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Historical Features

- Overgrown Vegetation
- Short grass
- Trees
- Dense Trees (Recently Removed)
- Dense Trees
- Road
- Car Parks
- Hardstanding
- Knowsley Community College
- Seven Underground Storage Tanks
- Covid-19 walkthrough testing site
- Gas Substation Buildings
- Bollards
- Electrical Substations
- Fly Tipped Material
- Brambles
- Former Housing Slabs
- Wooden Fence
- Pallisade Fencing
- Footapth
- Metal Fencing
- Gate
- Locked Gate
- Slope
- Pond

Notes:

Phase	Issue	Date	Drawn	Checked
P1	REVD	13.05.2024	OW	BH
P1	REVC	25.04.2022	LM	BH
P1	REVB	21.04.2022	LM	BH
P1	REVA	20.04.2022	LM	BH

Client: DWH

Job No: 15-280

Date: 13.05.2024

Drawing No: 004

Scale: 1:1000 @ A3

Job Title: Cherryfield Drive, Kirkby

Drawing Title: Site Features Plan

e3p

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Website: www.e3p.co.uk

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Location Symbols

- WS101 — Approximate Window Sample Probehole Location (E3P January 2022)
- TP101 — Approximate Trial Pit Location (E3P January 2022)
- RB101 — Approximate Rotary Borehole Location (E3P January 2022)
- WS201 — Approximate Window Sample Probehole Location (E3P November 2023)
- WS201(MW) — Approximate Window Sample Probehole Location with Install (E3P November 2023)
- TP201 — Approximate Trial Pit Location (E3P November 2023)

Notes:

Phase	Issue	Date	Drawn	Checked
P1	REVO	15.05.2024	EB	BH
P1	REVN	13.03.2024	EB	PW
P1	REVM	30.01.2024	EB	ID
P1	REVL	08.01.2024	OW	ID
P1	REVK	25.04.2022	LM	RH
P1	REVJ	22.04.2022	LM	RH
P1	REVI	20.04.2022	LM	JB
P1	REVH	04.03.2022	LM	NG
P1	REVG	24.02.2022	LM	NG
P1	REVF	03.02.2022	LM	JB
P1	REVE	28.01.2022	LM	NG
P1	REVD	26.01.2022	LM	NG
P1	REVC	19.01.2022	LM	NG
P1	REVB	07.01.2022	EB	EB
P1	REVA	07.12.2021	LM	JB

Client: DWH

Job No: 15-280

Date: 15.05.2024

Drawing No: 005

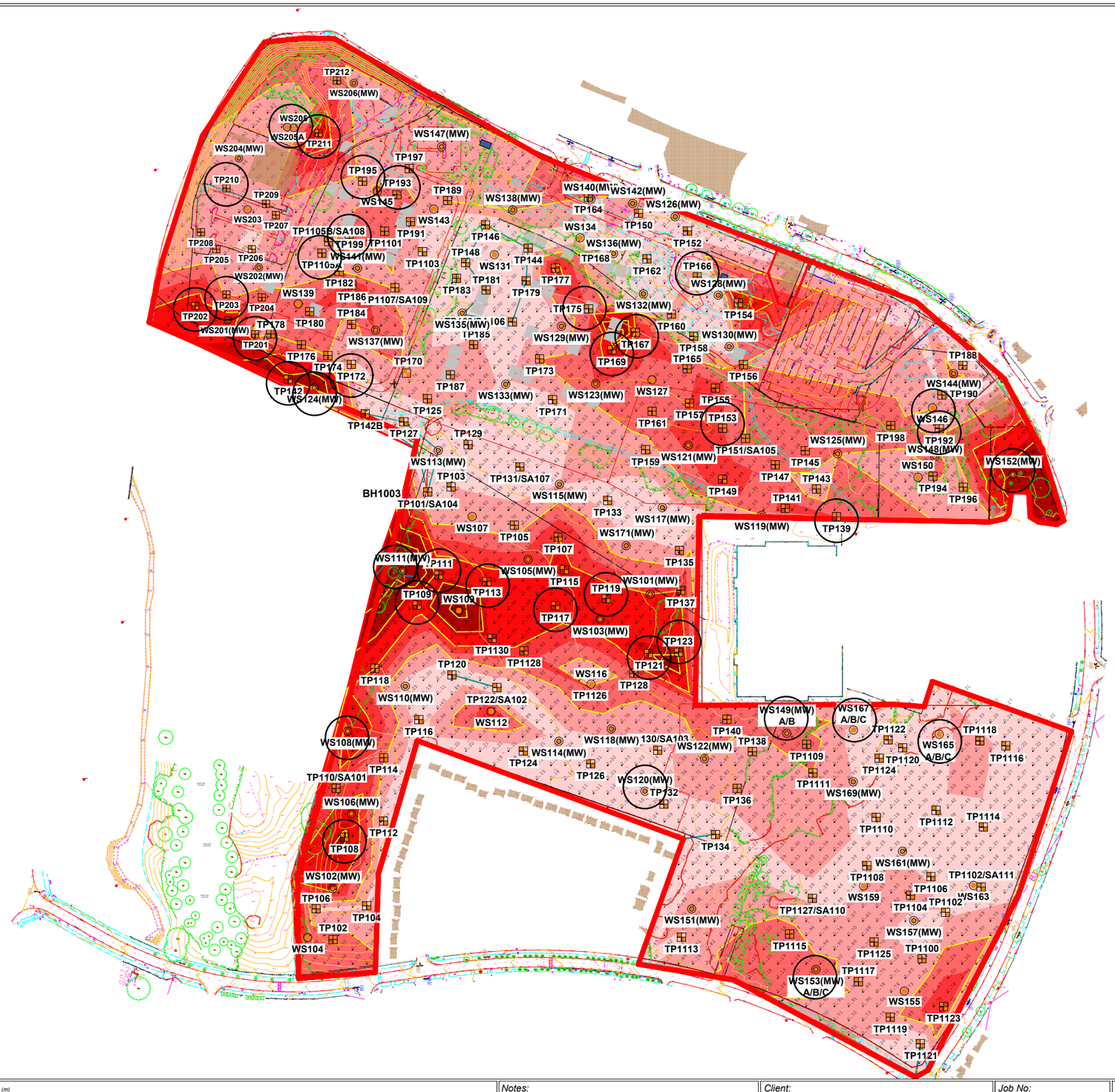
Scale: NTS@ A3

Job Title: Cherryfield Drive, Kirkby

Drawing Title: Exploratory Hole Location Plan

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Location Symbols

- Approximate Window Sample Probehole Location
- Approximate Trial Pit Location
- Approximate Rotary Borehole Location
- Full Extent of Made Ground Not Encountered

Made Ground Depth (m)

- Depth of Made Ground 0.00
- Depth of Made Ground 0.01 - 0.49m
- Depth of Made Ground 0.50 - 0.99m
- Depth of Made Ground 1.00 - 1.49m
- Depth of Made Ground 1.50 - 1.99m
- Depth of Made Ground 2.00 - 2.49m
- Depth of Made Ground 2.50 - 2.99m
- Depth of Made Ground >3.00m

Notes:

Phase	Issue	Date	Drawn	Checked
P1	REVF	10.11.2025	TG	BH
P1	REVE	28.02.2024	EB	PW
P1	REVD	30.01.2024	EB	ID
P1	REVC	09.01.2024	OW	ID
P1	REVB	25.04.2022	LM	BH
P1	REVA	27.01.2022	LM	NG

Client: DWH

Job No: 15-280

Date: 10.11.2025

Drawing No: 006

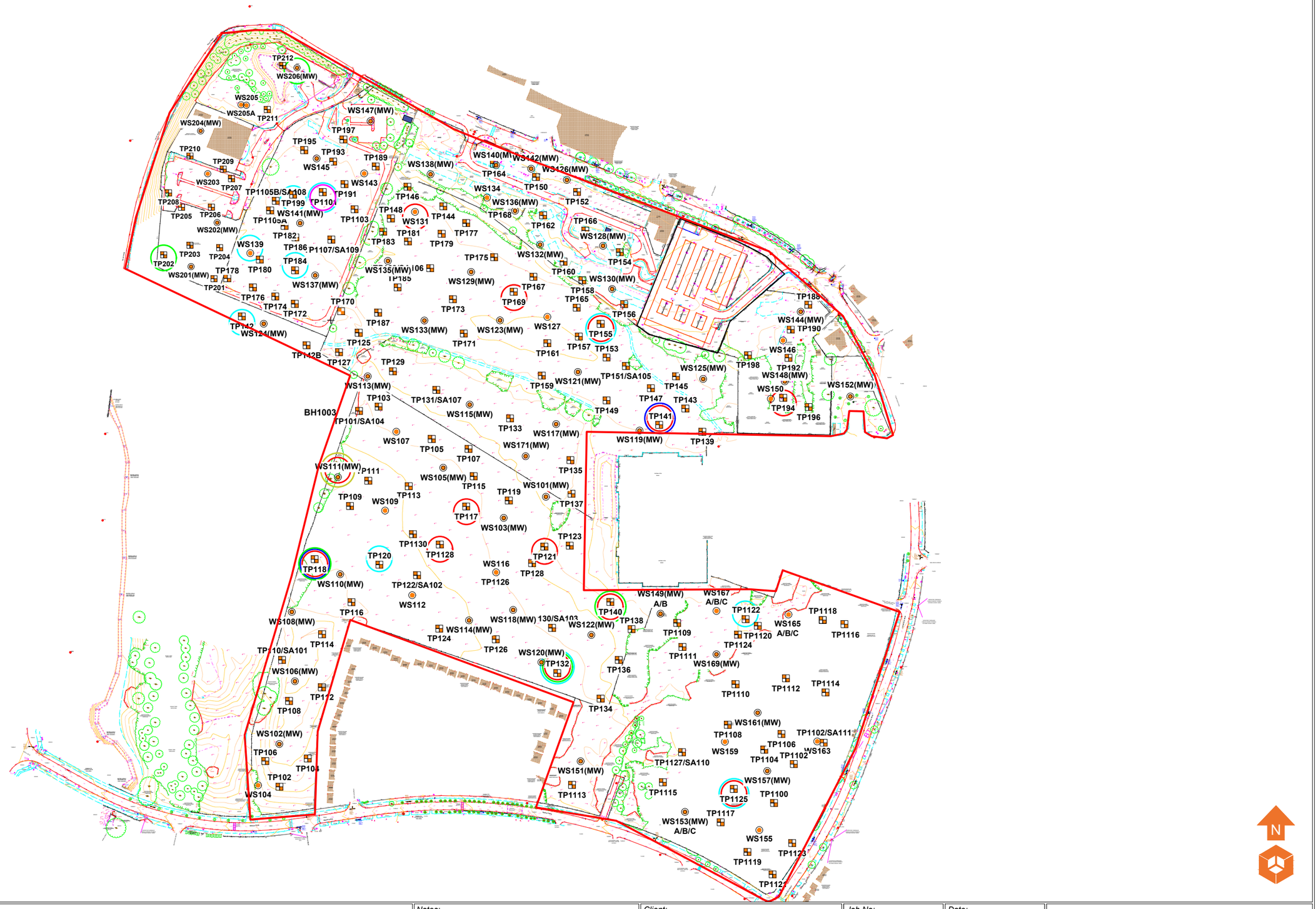
Scale: NTS @ A3

Job Title: Cherryfield Drive, Kirkby

Drawing Title: Depth of Made Ground Plan

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Location Symbols

- Approximate Window Sample Probehole Location
- Approximate Trial Pit Location
- Approximate Rotary Borehole Location

Contamination Exceedances

- Heavy Metals
- Mercury
- Asbestos
- Naphthalene
- PAHs
- Dibutyl phthalete

Notes:

Phase	Issue	Date	Drawn	Checked
P1	REVD	15.05.2024	EB	BH
P1	REVC	13.05.2024	OW	BH
P1	REVB	30.01.2024	EB	ID
P1	REVA	20.04.2022	LM	BH

Client: DWH

Job No: 15-280

Date: 15.05.2024

Drawing No: 018

Scale: NTS@ A3

Job Title: Cherryfield Drive, Kirkby

Drawing Title: Contamination Exceedances Plan

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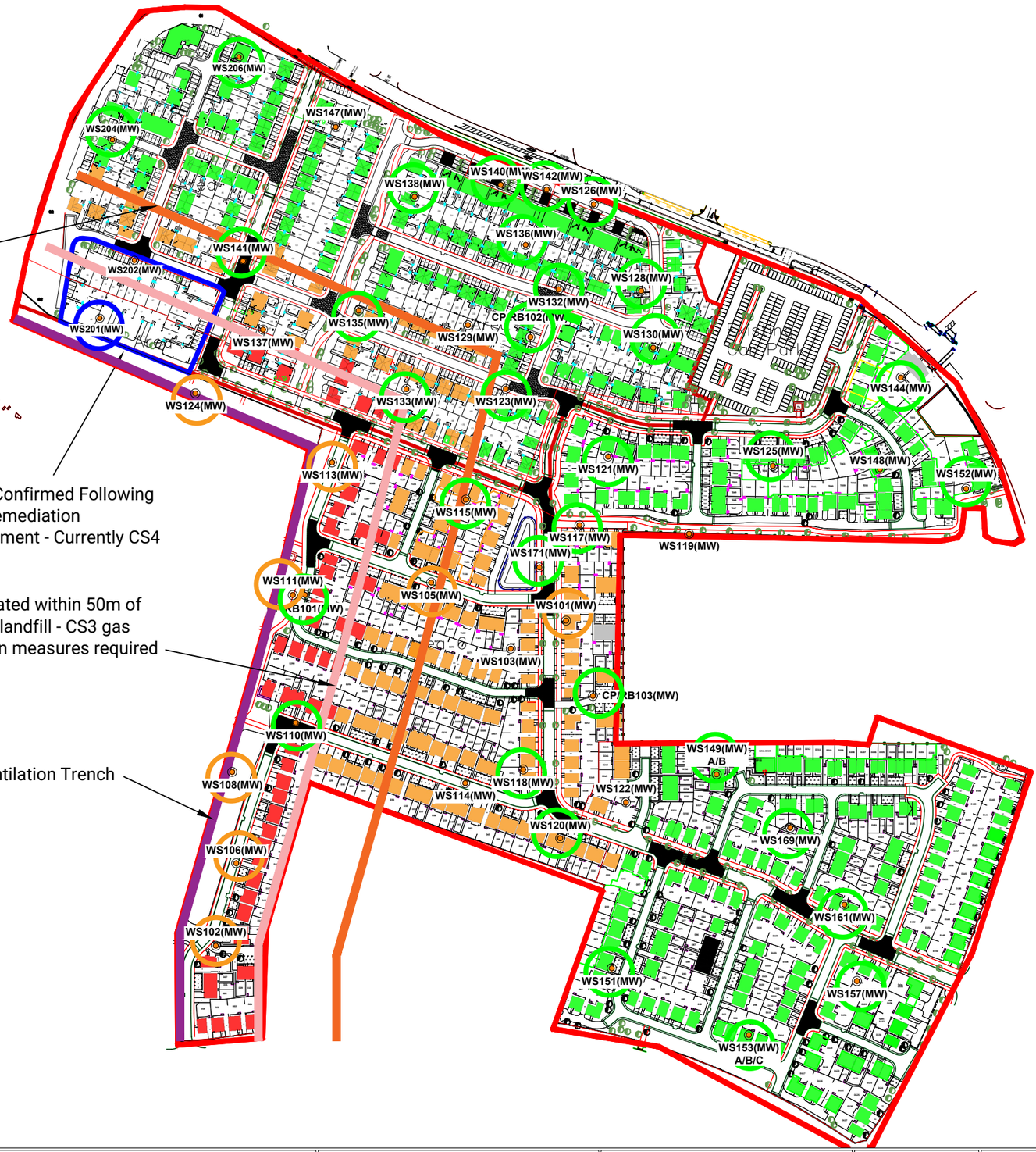
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Plots located within 100m of adjacent landfill and where monitoring has identified a CS2 classification (on-site infilled channel, central sector) - CS2 gas protection measures required.

To Be Confirmed Following Post Remediation Assessment - Currently CS4

Plots located within 50m of adjacent landfill - CS3 gas protection measures required

Gas Ventilation Trench



Location Symbols

- Window Sample with Monitoring Well
- Approximate Cable Percussive/Rotary Borehole Location With Install

Key

- Plots Classified As CS1 - No Protection Measures Required
- Plots Require CS2 Protection Measures
- Plots Require CS3 Protection Measures
- Location Classified As CS1
- Location Classified As CS2
- Location Classified As CS4
- Gas Ventilation Trench

Notes:

Phase	Issue	Date	Drawn	Checked
P1	REVD	19.11.2025	CB	MW
P1	REVC	07.04.2025	TG	NS
P1	REVB	11.03.2025	TG	NS
P1	REVA	05.03.2025	CB	NS

Client: DWH

Job No: 15-280

Date: 19.11.2025

Drawing No: 020

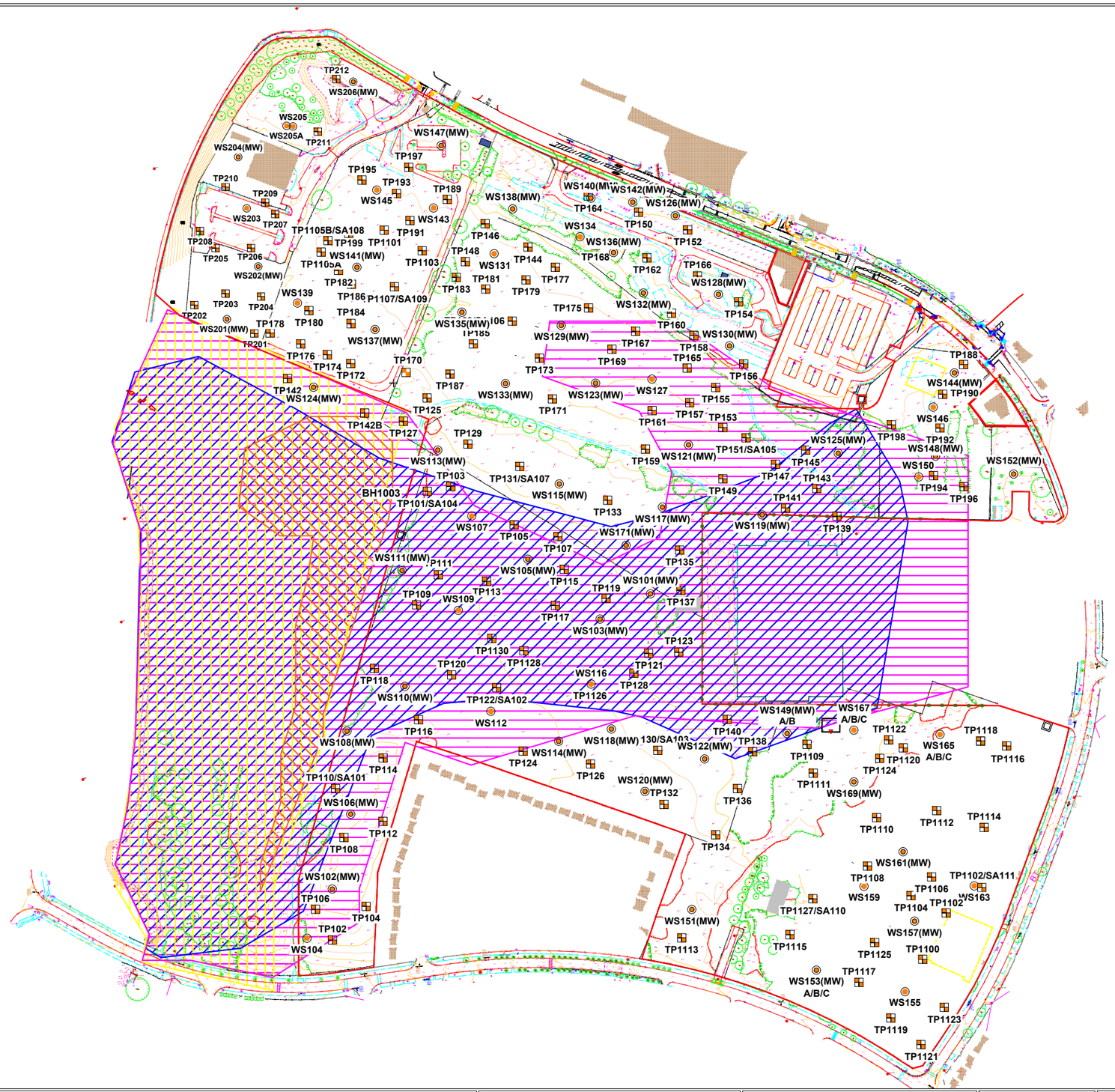
Scale: NTS

Job Title: Cherryfield Drive, Kirkby

Drawing Title: Gas Zoning Plan

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Location Symbols

- Approximate Window Sample Probehole Location (E3P January 2022)
- Approximate Trial Pit Location (E3P January 2022)
- Approximate Rotary Borehole Location (E3P January 2022)
- Approximate Window Sample Probehole Location (E3P November 2023)
- Approximate Window Sample Probehole Location with Install (E3P November 2023)
- Approximate Trial Pit Location (E3P November 2023)

Possible Extent of Landfill

- Former Sand / Gravel Pit
- GDO205 Landfill Records
- Buro Happold Landfill Delineation
- WSP Landfill Delineation

Notes:

Client: DWH

Job No: 15-280

Date: 10.01.2022

Drawing No: 030

Scale: NTS@ A3

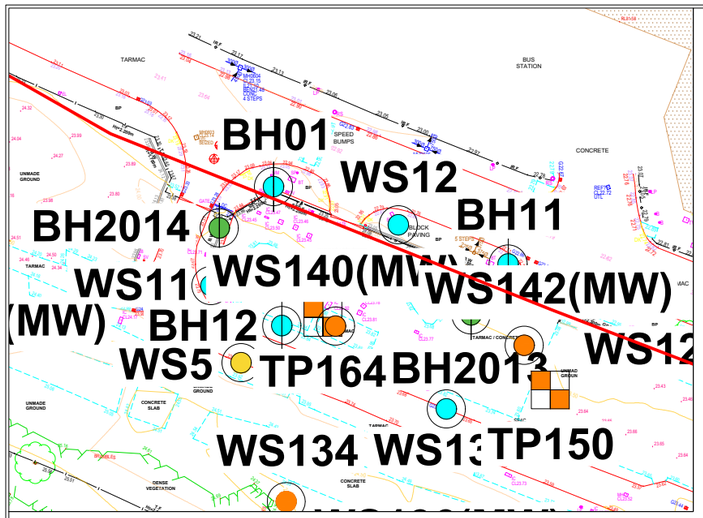
Phase	Issue	Date	Drawn	Checked
P1	REVA	10.01.2021	HM	BH

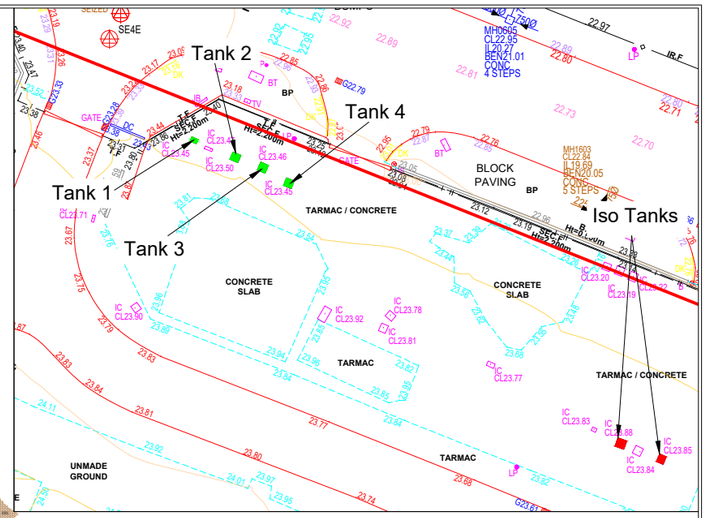
Job Title: Cherryfield Drive, Kirkby

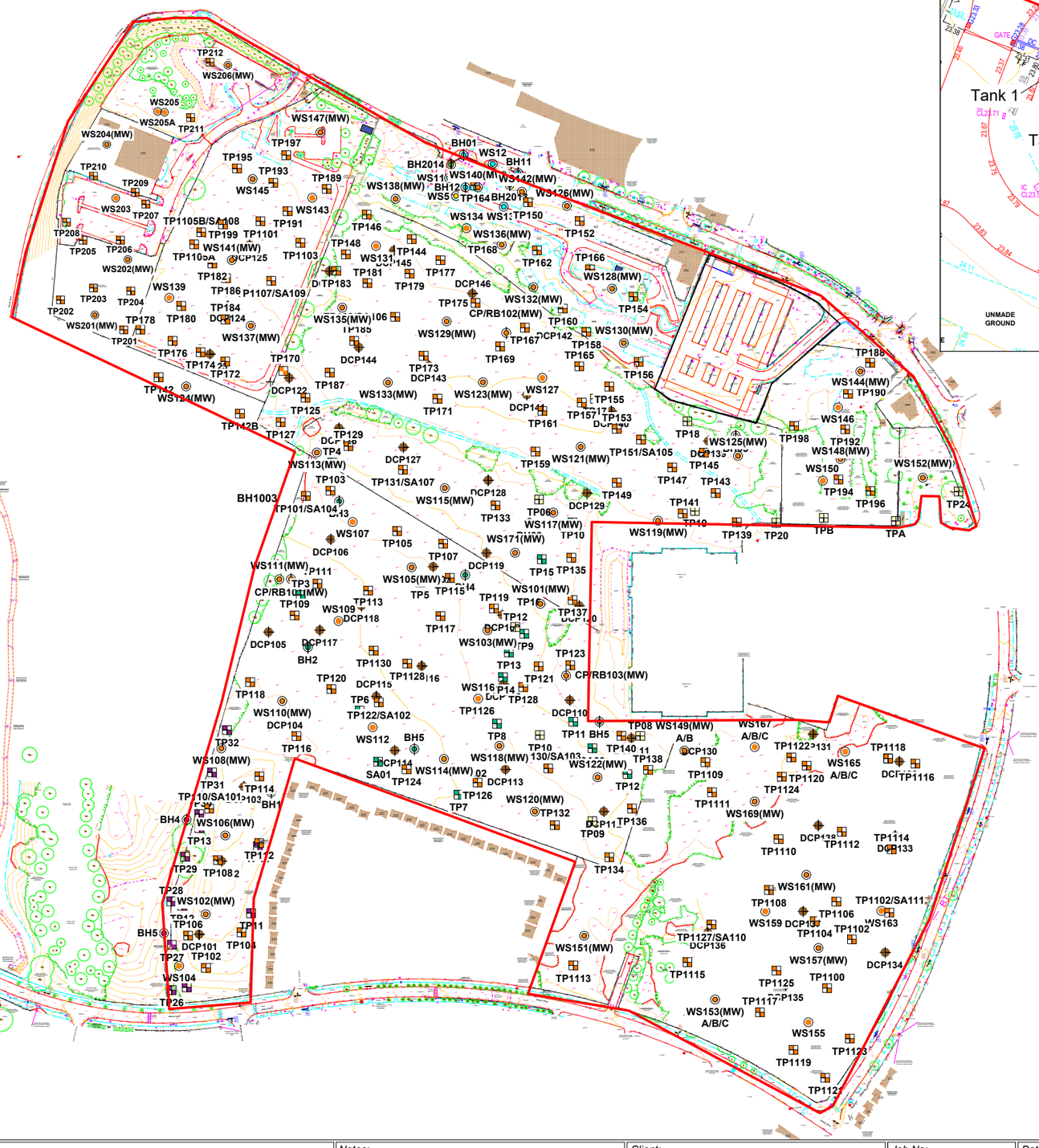
Drawing Title: Possible Landfill Extent Plan

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Location Symbols

- Approximate Window Sample Probehole Location
- Approximate Trial Pit Location
- Approximate Rotary Borehole Location
- Approximate Window Sample Probehole Location (Clancy Consulting)
- Approximate Rotary Borehole Location (Baro Happold Boreholes)
- Approximate Rotary Borehole Location (Abatec 2006)
- Approximate Trial Pit Location (Abatec 2006)
- Approximate Rotary Borehole Location (Atkins Rotary holes)
- Approximate Window Sample Probehole Location (Atkins Rotary holes)

Tanks

- Tanks
- Iso Tank

Notes:

Phase	Issue	Date	Drawn	Checked
P1	REVD	15.05.2024	EB	BH
P1	REVC	13.05.2024	OW	BH
P1	REVB	02.04.2024	EB	PW
P1	REVA	25.04.2022	LM	BH

Client: DWH

Job No: 15-280

Date: 15.05.2024

Drawing No: 031

Scale: NTS@ A3

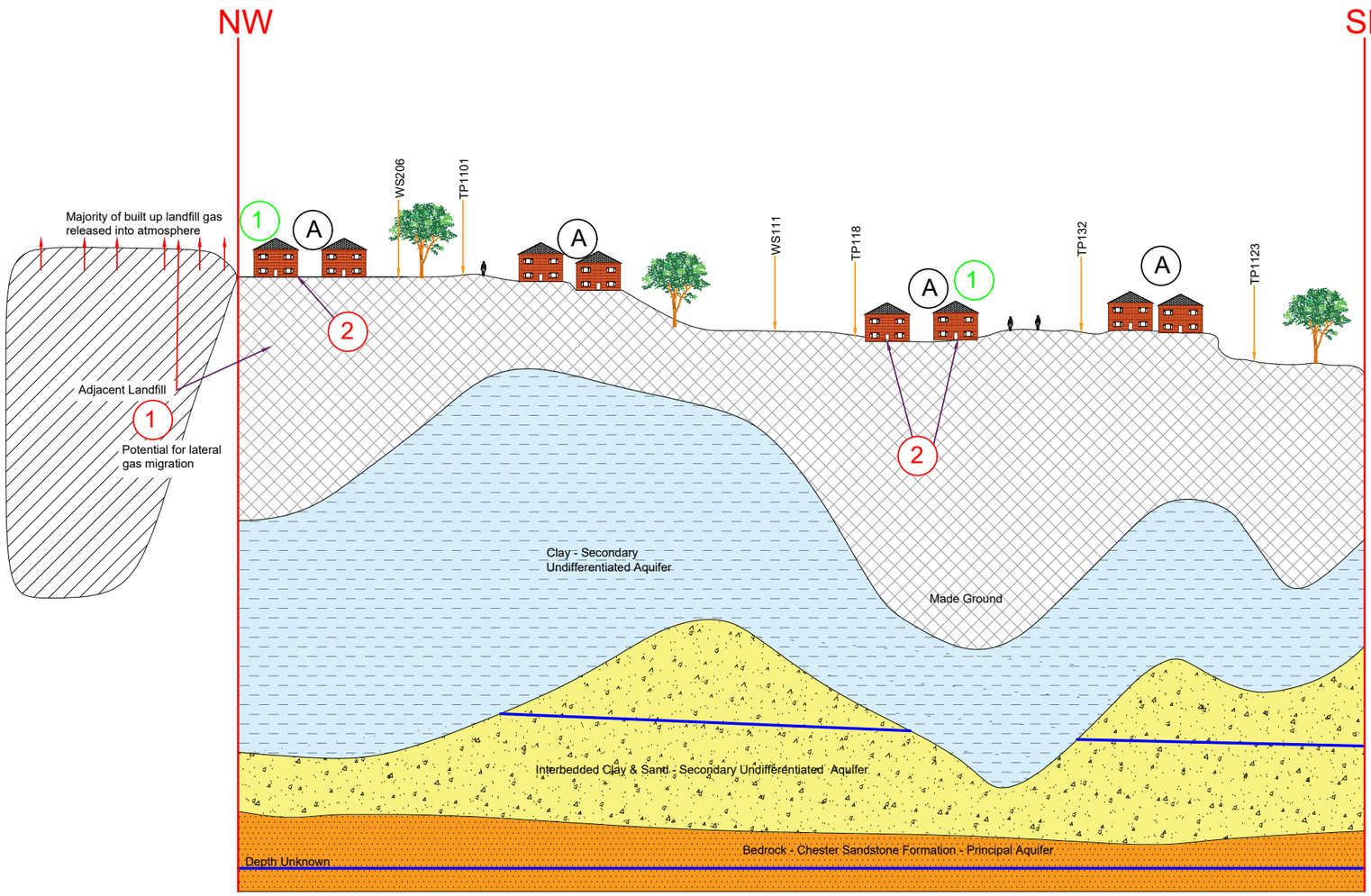
Job Title: Cherryfield Drive, Kirkby

Drawing Title: Garage and Petrol Filling Station Area Plan

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Landfill at Bewley Road
Active 1956 - 1974
Waste inc household waste
Ref: EAHLD06985

Geology Key
- Made Ground
- Clay
- Interbedded Clay & Sand
- Bedrock
- Groundwater

Sources
1. Landfill Gases (CO_2 / Methane) Hydrogen Sulphate))
2. Gases from CO_2 / Methane in Made Ground

Pathways
- Inhalation / Accumulation

Receptors
1. Accumulation of Gases in Buildings (Future End Users)

Site Features
A. Proposed Residential Development

Notes:

P1	REVA	11.03.2024	EB	PW
Phase	Issue	Date	Drawn	Checked

Client: DWH

Job Title: Cherryfield Drive, Kirkby

Job No: 15-280

Date: 11.03.2024

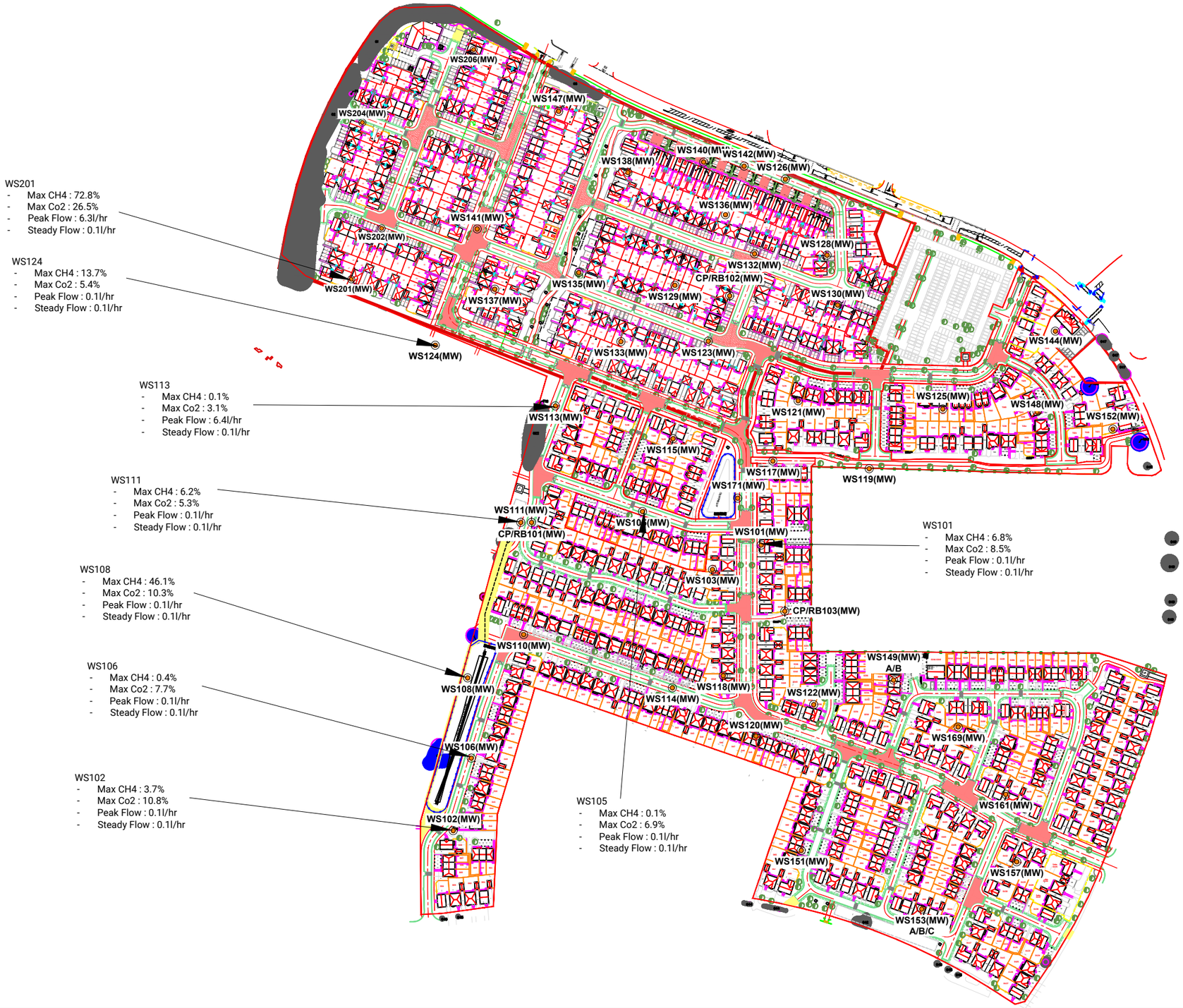
Drawing No: 011

Scale: NTS@ A3

Drawing Title: Gas Conceptual Site Model

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WS201
- Max CH4 : 72.8%
- Max Co2 : 26.5%
- Peak Flow : 6.3l/hr
- Steady Flow : 0.1l/hr

WS124
- Max CH4 : 13.7%
- Max Co2 : 5.4%
- Peak Flow : 0.1l/hr
- Steady Flow : 0.1l/hr

WS113
- Max CH4 : 0.1%
- Max Co2 : 3.1%
- Peak Flow : 6.4l/hr
- Steady Flow : 0.1l/hr

WS111
- Max CH4 : 6.2%
- Max Co2 : 5.3%
- Peak Flow : 0.1l/hr
- Steady Flow : 0.1l/hr

WS101
- Max CH4 : 6.8%
- Max Co2 : 8.5%
- Peak Flow : 0.1l/hr
- Steady Flow : 0.1l/hr

WS108
- Max CH4 : 46.1%
- Max Co2 : 10.3%
- Peak Flow : 0.1l/hr
- Steady Flow : 0.1l/hr

WS106
- Max CH4 : 0.4%
- Max Co2 : 7.7%
- Peak Flow : 0.1l/hr
- Steady Flow : 0.1l/hr

WS102
- Max CH4 : 3.7%
- Max Co2 : 10.8%
- Peak Flow : 0.1l/hr
- Steady Flow : 0.1l/hr

WS105
- Max CH4 : 0.1%
- Max Co2 : 6.9%
- Peak Flow : 0.1l/hr
- Steady Flow : 0.1l/hr

Location Symbols

Window Sample with Monitoring Well

Approximate Cable Percussive/Rotary Borehole Location With Install

Notes:

P1	REVA	24.03.2025	TG	NS
Phase	Issue	Date	Drawn	Checked

Client: DWH

Job No: 15-280

Date: 24.03.2025

Drawing No: 039

Scale: NTS

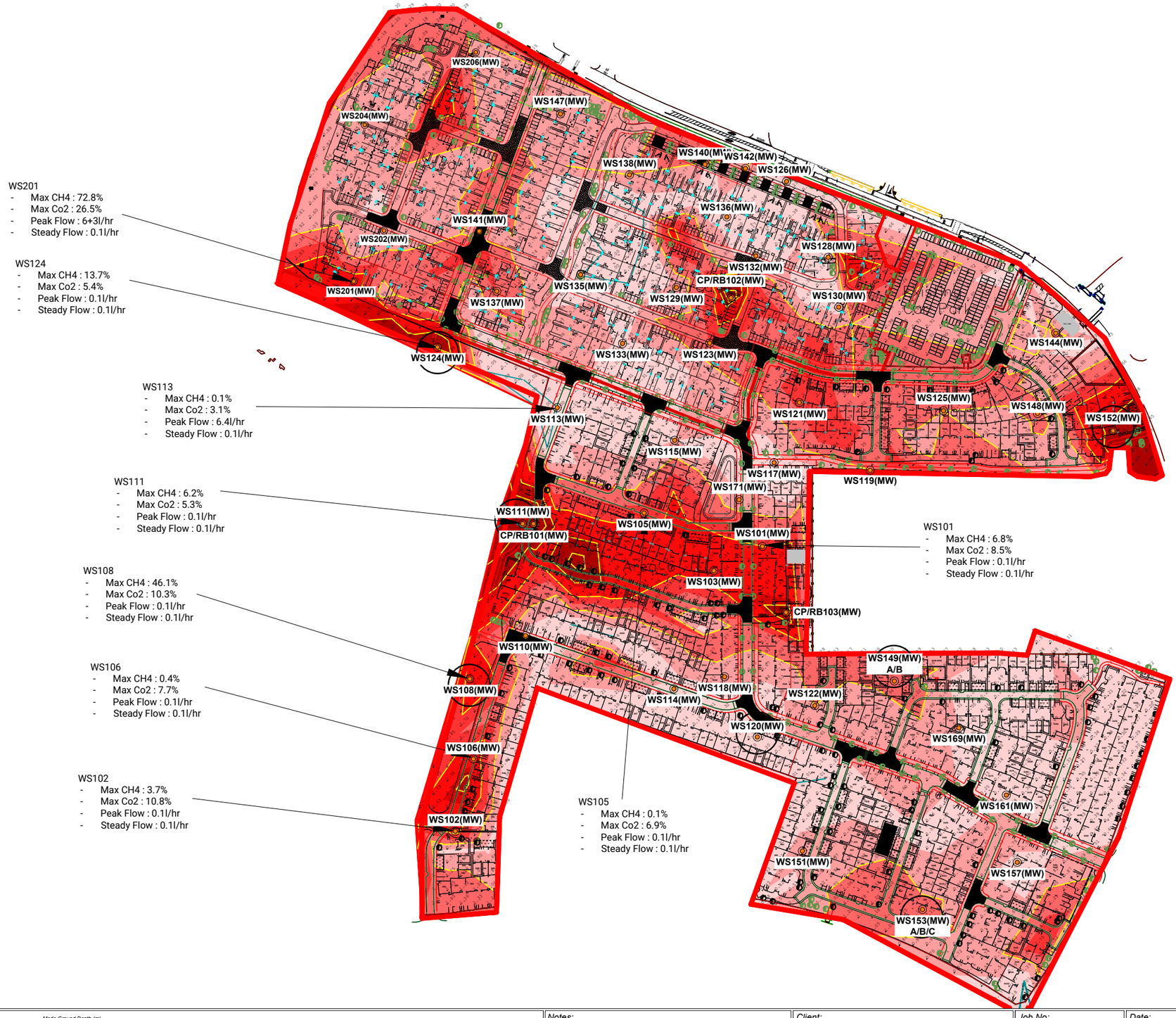
Job Title: Cherryfield Drive, Kirkby

Drawing Title: Elevated Ground Gas Plan

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WS201
- Max CH4 : 72.8%
- Max Co2 : 26.5%
- Peak Flow : 6+3l/hr
- Steady Flow : 0.1l/hr

WS124
- Max CH4 : 13.7%
- Max Co2 : 5.4%
- Peak Flow : 0.1l/hr
- Steady Flow : 0.1l/hr

WS113
- Max CH4 : 0.1%
- Max Co2 : 3.1%
- Peak Flow : 6.4l/hr
- Steady Flow : 0.1l/hr

WS111
- Max CH4 : 6.2%
- Max Co2 : 5.3%
- Peak Flow : 0.1l/hr
- Steady Flow : 0.1l/hr

WS101
- Max CH4 : 6.8%
- Max Co2 : 8.5%
- Peak Flow : 0.1l/hr
- Steady Flow : 0.1l/hr

WS108
- Max CH4 : 46.1%
- Max Co2 : 10.3%
- Peak Flow : 0.1l/hr
- Steady Flow : 0.1l/hr

WS106
- Max CH4 : 0.4%
- Max Co2 : 7.7%
- Peak Flow : 0.1l/hr
- Steady Flow : 0.1l/hr

WS102
- Max CH4 : 3.7%
- Max Co2 : 10.8%
- Peak Flow : 0.1l/hr
- Steady Flow : 0.1l/hr

WS105
- Max CH4 : 0.1%
- Max Co2 : 6.9%
- Peak Flow : 0.1l/hr
- Steady Flow : 0.1l/hr

Location Symbols

- Window Sample with Monitoring Well
- Approximate Cable Percussive/Rotary Borehole Location With Install
- Full Extent of Made Ground Not Encountered

Made Ground Depth (m)

- Depth of Made Ground 0.00
- Depth of Made Ground 0.01 - 0.49m
- Depth of Made Ground 0.50 - 0.99m
- Depth of Made Ground 1.00 - 1.49m
- Depth of Made Ground 1.50 - 1.99m
- Depth of Made Ground 2.00 - 2.49m
- Depth of Made Ground 2.50 - 2.99m
- Depth of Made Ground >3.00m

Notes:

Phase	Issue	Date	Drawn	Checked
P1	REVA	10.11.2025	TG	NS

Client: DWH

Job No: 15-280

Date: 10.11.2025

Drawing No: 040

Scale: NTS

Job Title: Cherryfield Drive, Kirkby

Drawing Title: Elevated Ground Gas Plan (Made Ground)

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Location Symbols

- WS(MW) — Window Sample with Monitoring Well
- CP/RB/RC(MW) — Approximate Cable Percussive/Rotary Borehole Location With Install

Landfill Thickness (m)

- Thickness of Landfill 0.00
- Thickness of Landfill 0.01 - 0.49m
- Thickness of Landfill 0.50 - 0.99m
- Thickness of Landfill 1.00 - 1.49m
- Thickness of Landfill 1.50 - 1.99m
- Thickness of Landfill 2.00 - 2.49m
- Thickness of Landfill 2.50 - 2.99m
- Thickness of Landfill >3.00

Landfill Depth (m)

0.00 Depth of Landfill

Notes:

Phase	Issue	Date	Drawn	Checked
P1	REVA	06.11.2025	TG	NS

Client: DWH

Job No: 15-280

Date: 06.11.2025

Drawing No: 041

Scale: NTS

Job Title: Cherryfield Drive, Kirkby

Drawing Title: Depth And Thickness Of Historically Deposited Made Ground Material Plans (WS&CP/RB Locations)

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APPENDIX IV
EXPLORATORY HOLE LOGS



Trial Pit Log

TrialPit No TP101/ SA104
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340963.09 - 398432.88 Level: 23.95	Date 10/01/2022
Location: Kirkby	Dimensions (m): Depth 2.60	2.00 / 0.60	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.30	23.65		Brown slightly sandy CLAY with rootlets and roots. (TOPSOIL).
	1.50	HVP	90	2.00	21.95		Stiff high strength reddish brown slightly gravelly slightly sandy CLAY. Gravel is fine sub angular to sub rounded of mudstone and sandstone.
2.60				2.60	21.35		Red gravelly fine to medium SAND. Gravel is fine to coarse sub angular to sub rounded of mudstone and sandstone. (Weathered bedrock).
							End of Pit at 2.60m

1
2
3
4

Trial Pit Photographs



TP101



TP101 SPOIL

Remarks: 1. Complete. 2. Slow water seepage at 2.60 m bgl. 3. Soakaway test complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP102
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340896.26 - 398117.23 Level: 21.80	Date 10/01/2022
Location: Kirkby		Dimensions (m): 3.20 x 1.20 Depth 3.10	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.20	ES		0.20	21.60		MADE GROUND: Dark grey very clayey fine to medium sand with frequent rootlets. (Topsoil)
				0.50	21.30		MADE GROUND: Brown slightly gravelly clay. Gravel is fine to coarse, angular to subrounded of brick.
							MADE GROUND: Dark grey slightly gravelly sandy clay. Gravel is fine to coarse angular to subrounded of brick.
				1.30	20.50		Red very clayey fine to medium SAND.
				3.10	18.70		End of Pit at 3.10m

1
2
3
4

Trial Pit Photographs



TP102



TP102 SPOIL

Remarks: 1. Complete

Stability: Unstable

Trial Pit Log

TrialPit No: TP103
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340979.52 - 398436.42 Level: 24.10	Date 10/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.60	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.20	23.90		MADE GROUND: Reddish brown slightly gravelly sandy clay with rootlets. Gravel is fine sub angular to sub rounded of sandstone and mudstone. (Topsoil).
	0.40	ES		0.50	23.60		MADE GROUND: Reddish brown gravelly sandy clay. Gravel is fine to medium angular to sub rounded of mudstone, sandstone, brick and ceramic.
	0.60	HVP	53	0.80	23.30		Firm medium strength light brown slightly sandy gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone.
	1.00	HVP	76				Stiff high strength circa. 1.50 m becomes firm medium strength reddish brown slightly gravelly CLAY. Gravel is fine sub angular to sub rounded of mudstone.
	1.50	HVP	65	1.80	22.30		Red slightly gravelly fine to medium SAND. Gravel is fine to medium sub angular to sub rounded of sandstone. (Weathered bedrock).
▼ 2.60				2.60	21.50		End of Pit at 2.60m

Trial Pit Photographs



TP103



TP103 SPOIL

Remarks: 1. Complete. 2. Slow water seepage at 2.60 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP104
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340919.97 - 398140.99 Level: 22.23	Date 10/01/2022
Location: Kirkby		Dimensions (m): 3.60 x 0.60 Depth 2.80	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
0.40				0.40	21.83		MADE GROUND: Dark grey gravelly clayey fine to medium sand with frequent rootlets. Gravel is fine to coarse angular to subrounded of brick. (Topsoil)
	0.60	HVP	61				Firm medium strength brown slightly gravelly sandy CLAY. Gravel is fine to coarse angular to subrounded of sandstone.
	0.80	HVP	54				
	1.00	ES					
	1.00	HVP	71				
				1.30	20.93		Reddish brown slightly gravelly very clayey fine to medium SAND. Gravel is fine to coarse, subrounded to rounded of sandstone. (Weathered bedrock).
				2.80	19.43		End of Pit at 2.80m

1
2
3
4

Trial Pit Photographs



TP104



TP104 SPOIL

Remarks: 1. Complete. 2. Water seepage at 0.40 m bgl. (Water Strike).

Stability: Stable

Trial Pit Log

TrialPit No: TP105
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341024.19 - 398409.39 Level: 24.17	Date 10/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.40	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.30	23.87		MADE GROUND: Brown sandy clay with rootlets. (Topsoil).
	0.50	ES					
				0.70	23.47		MADE GROUND: Dark brown sandy gravelly clay. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ceramic, glass and clinker.
	0.80	B					
	0.80	HVP	89				Stiff high strength light brown mottled orange slightly sandy slightly gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone.
				1.00	23.17		Firm medium strength red mottled white slightly sandy slightly gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone.
	1.50	HVP	55				
				1.80	22.37		Red fine to medium SAND.
				2.40	21.77		End of Pit at 2.40m

1
2
3
4

Trial Pit Photographs



TP105



TP105 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP106
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340884.33 - 398138.87 Level: 21.75	Date 10/01/2022
Location: Kirkby		Dimensions (m): 3.50 x 0.60 Depth 3.20	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.20	ES		0.40	21.35		MADE GROUND: Brown gravelly clayey fine to medium sand with frequent rootlets. Gravel is fine to coarse, angular to subrounded of brick. (Topsoil)
	0.80	HVP	52				Firm medium strength dark grey slightly gravelly sandy CLAY. Gravel is fine subrounded to rounded of sandstone.
	1.20	HVP	60				
1.40	1.40	HVP	66	1.40	20.35		Reddish brown slightly clayey silty fine to medium SAND.
				3.20	18.55		End of Pit at 3.20m

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Trial Pit Photographs



TP106



TP106 SPOIL

Remarks: 1. Complete. 2. Slow water ingress at 1.40 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP107
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341055.02 - 398400.99 Level: 24.33	Date 10/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.10	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.20	24.13		MADE GROUND: Brown clayey fine to medium sand with rootlets. (Topsoil).
				0.60	23.73		MADE GROUND: Dark brown sandy very gravelly clay. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ceramic, glass and clinker.
	0.70	ES		0.80	23.53		MADE GROUND: Firm black slightly gravelly clay. Gravel is fine sub angular to sub rounded of mudstone, ash and brick with slight hydrocarbon odour at 0.70 m bgl.
	1.50 1.50	B HVP	58	1.70	22.63		MADE GROUND: Firm medium strength red mottled white slightly sandy slightly gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone.
▼ 2.00				2.00	22.33		MADE GROUND: Red fine to medium SAND.
				2.10	22.23		Red fine to medium SAND. (Weathered bedrock). End of Pit at 2.10m

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Trial Pit Photographs



TP107



TP107 SPOIL

Remarks: 1. Complete. 2. Slight hydrocarbon odour at 0.70 m bgl. 3. Water strike at 2.00 m bgl.

Stability: Stable

Trial Pit Log

			TrialPit No TP108 Sheet 1 of 1
Project Name: Cherryfields	Project No. 15280	Co-ords: 340904.31 - 398189.33 Level: 23.93	Date 10/01/2022
Location: Kirkby		Dimensions (m): 3.50 x 0.70 Depth 3.20	Scale 1:30
Client: BDW Trading			Logged N.Gregory

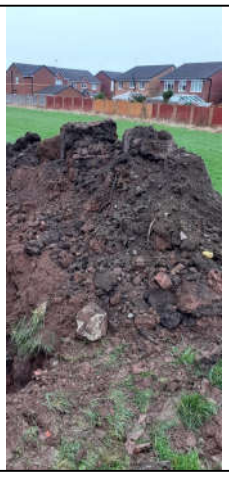
Water Strike	Samples & In Situ Testing Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.35	23.58		MADE GROUND: Brown slightly gravelly sandy clay with frequent rootlets. Gravel is fine to coarse, angular to subrounded of brick. (Topsoil)
	0.50	ES					MADE GROUND: Dark grey to brown gravelly sandy clay. Gravel is fine to coarse angular to subrounded of brick, clinker, glass bottles, metal, pipe, ash and wood.
	0.80	ES					
				3.20	20.72		End of Pit at 3.20m

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Trial Pit Photographs



TP108



TP108 SPOIL

Remarks: 1. Complete

Stability: Unstable

Trial Pit Log

TrialPit No: TP109
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340955.56 - 398352.97 Level: 23.29	Date 10/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.30	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20	23.09		MADE GROUND: Brown sandy clay with rootlets. (Topsoil).
				0.50	22.79		MADE GROUND: Light brown slightly sandy gravelly clay. Gravel is fine to medium sub angular to sub rounded of mudstone, brick and glass.
	0.80	ES					MADE GROUND: Black clayey very gravelly fine to coarse sand with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ash, glass, ceramic, textiles and clinker. Cobbles are sub angular of brick.
	1.50	B					
▼ 2.30				2.30	20.99		End of Pit at 2.30m

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Trial Pit Photographs



TP109



TP109 SPOIL

Remarks: 1. Complete. 2. Water strike at 2.30 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No TP110/ SA101
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340898.40 - 398223.79 Level: 22.87	Date 10/01/2022
Location: Kirkby		Dimensions (m): 2.50 × 0.70 Depth 3.20	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.20	ES		0.30	22.57		MADE GROUND: Dark grey slightly clayey fine to medium sand with frequent rootlets. (Topsoil)
							MADE GROUND: Dark grey slightly gravelly sandy clay with pipe, brick, and metal.
▼ 1.80				1.50	21.37		Red slightly clayey fine to medium SAND. (Weathered bedrock).
				3.20	19.67		End of Pit at 3.20m

1 2 3 4

Trial Pit Photographs



TP110



TP110 SPOIL

Remarks: 1. Complete. 2. Slow water ingress at 1.80 m bgl. 3. Soakaway test complete.

Stability: Stable

Trial Pit Log

			TrialPit No TP111 Sheet 1 of 1
Project Name: Cherryfields	Project No. 15280	Co-ords: 340970.87 - 398374.27 Level: 23.40	Date 10/01/2022
Location: Kirkby		Dimensions (m): Depth 2.60 — 2.00 × 0.60	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.20	23.20		MADE GROUND: Brown sandy clay with rootlets. (Topsoil).
				0.40	23.00		MADE GROUND: Soft light brown slightly sandy gravelly clay. Gravel is fine to medium angular to sub rounded of mudstone and brick.
▼ 2.40	2.40	ES					MADE GROUND: Black slightly clayey very gravelly fine to medium sand with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ash, ceramic, glass, plastic and textile.
				2.60	20.80		End of Pit at 2.60m

1 2 3 4

Trial Pit Photographs



TP111



TP111 SPOIL

Remarks: 1. Terminated due to instability. 2. Fast water ingress at 2.40 m bgl.

Stability: Unstable

Trial Pit Log

TrialPit No: TP112
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340931.90 - 398200.78 Level: 23.02	Date 10/01/2022
Location: Kirkby		Dimensions (m): 2.90 x 0.70 Depth 2.80	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.20	ES		0.25	22.77		MADE GROUND: Dark grey slightly gravelly clayey medium to coarse sand with frequent rootlets. Gravel is fine to coarse, angular to subrounded of brick. (Topsoil)
							Reddish brown slightly clayey silty fine to medium SAND.
				2.80	20.22		End of Pit at 2.80m

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Trial Pit Photographs



TP112



TP112 SPOIL

Remarks: 1. Complete on weathered bedrock at 2.80m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP113
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341004.81 - 398369.65 Level: 23.52	Date 10/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.40	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.20	23.32		MADE GROUND: Brown sandy clay with rootlets. (Topsoil).
				0.50	23.02		MADE GROUND: Light brown gravelly clayey fine to medium sand. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone and brick.
	0.80	ES					MADE GROUND: Black clayey very sandy gravel with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, ash, brick, glass, ceramic, plastic and textiles. Cobbles are sub angular to sub rounded of brick and glass.
▼ 1.80	1.80	ES					
				2.40	21.12		End of Pit at 2.40m

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Trial Pit Photographs



TP113



TP113 SPOIL

Remarks: 1. Terminated due to instability. 2. Fast water ingress at 1.80 m bgl. (Strike)

Stability: Unstable

Trial Pit Log

			TrialPit No TP114 Sheet 1 of 1
Project Name: Cherryfields	Project No. 15280	Co-ords: 340932.02 - 398245.37 Level: 24.14	Date 10/01/2022
Location: Kirkby		Dimensions (m): 3.60 x 0.70 Depth 2.90	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.35	23.79		MADE GROUND: Dark grey slightly gravelly clayey fine to medium sand with frequent rootlets. Gravel is fine to coarse, angular to subrounded of brick. (Topsoil)
	0.60	ES					MADE GROUND: Firm medium strength brown slightly gravelly slightly sandy clay. Gravel is fine to coarse, angular to subrounded of brick.
				1.10	23.04		Brown slightly gravelly clayey fine to medium SAND. Gravel is fine to coarse, subrounded to rounded of sandstone.
▼ 2.80				2.90	21.24		End of Pit at 2.90m

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Trial Pit Photographs



TP114



TP114 SPOIL

Remarks: 1. Complete. 2. Slow water ingress at 2.80 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP115
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341059.47 - 398378.02 Level: 24.18	Date 10/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.80	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.30	23.88		MADE GROUND: Brown sandy clay with rootlets. (Topsoil).
				0.60	23.58		MADE GROUND: Light brown very sandy very gravelly clay. Gravel is fine to medium sub angular to sub rounded of mudstone, sandstone and brick.
	2.20	HVP	72	2.20	21.98		MADE GROUND: Black clayey sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, ash, sandstone, brick, ceramic, glass, metal, plastic and textiles.
				2.50	21.68		Firm medium strength red slightly gravelly CLAY. Gravel is fine sub angular to sub rounded of mudstone.
				2.80	21.38		Red fine to medium SAND. (Weathered bedrock).
							End of Pit at 2.80m

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Trial Pit Photographs



TP115



TP115 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP116
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340956.81 - 398272.26 Level: 23.03	Date 10/01/2022
Location: Kirkby		Dimensions (m): 2.50 x 0.80 Depth 1.80	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.25	HVP	23	0.25	22.78		MADE GROUND: Dark grey gravelly clayey fine to medium sand with frequent rootlets. Gravel is fine to coarse, angular to subrounded of clinker and textiles. (Topsoil)
0.40	0.45 0.50 0.60	HVP D ES	30	0.70	22.33		Soft low strength brown slightly sandy CLAY.
				1.80	21.23		Reddish brown slightly clayey gravelly fine to medium SAND. Gravel is fine to coarse, subrounded to rounded of sandstone.
							End of Pit at 1.80m

Trial Pit Photographs



TP116



TP116 SPOIL

Remarks: 1. Complete. 2. Fast water ingress at 0.40 m bgl. (Water strike).

Stability: Unstable

Trial Pit Log

			TrialPit No TP117 Sheet 1 of 1
Project Name: Cherryfields	Project No. 15280	Co-ords: 341053.21 - 398352.63 Level: 23.94	Date 10/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.50	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.30	23.64		MADE GROUND: Brown sandy clay with rootlets. (Topsoil).
				0.60	23.34		MADE GROUND: Reddish light brown gravelly very sandy clay. Gravel is fine to coarse sub angular to sub rounded of mudstone and sandstone.
	0.70	ES					MADE GROUND: Brownish black clayey sandy gravel with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, ash, sandstone, brick, ceramic, glass, cardboard and plastic.
	1.00	B					
▼ 2.40	2.40	ES		2.50	21.44		End of Pit at 2.50m

1 2 3 4

Trial Pit Photographs



TP117



TP117 SPOIL

Remarks: 1. Terminated due to instability. 2. Fast water ingress at 2.40 m bgl. (Water strike).

Stability: Unstable

Trial Pit Log

TrialPit No: TP118
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340925.81 - 398308.40 Level: 22.96	Date 10/01/2022
Location: Kirkby		Dimensions (m): 2.70 × 0.80 Depth 2.60	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.25	22.71		MADE GROUND: Dark grey slightly gravelly sandy clay with frequent rootlets. Gravel is fine to coarse, angular to subrounded of brick. (Topsoil)
	0.50	ES					MADE GROUND: Black clayey sandy gravel (ashy). Gravel is fine to coarse angular to subrounded of brick, clinker, glass bottles, ash, metal, pipe, wood.
	1.00	B					
2.00				2.00	20.96		Firm, medium strength reddish brown sandy CLAY.
	2.30	HVP	54				
				2.60	20.36		End of Pit at 2.60m

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Trial Pit Photographs



TP118



TP118 SPOIL

Remarks: 1. Complete. 2. Water strike at 2.00 m bgl.

Stability: Slightly unstable

Trial Pit Log

TrialPit No: TP119
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341088.95 - 398357.62 Level: 24.26	Date 10/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.50	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.20	24.06		MADE GROUND: Brown very sandy clay with rootlets. (Topsoil).
				0.70	23.56		MADE GROUND: Brown clayey gravelly fine to medium sand. Gravel is fine to coarse sub angular to sub rounded of mudstone, sandstone and brick.
▼ 2.40				2.50	21.76		MADE GROUND: Brownish black clayey very gravelly fine to coarse sand with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, ash, sandstone, brick, glass, ceramic, plastic, textiles, timber and paper. Cobbles are sub angular to sub rounded of brick and glass.
							End of Pit at 2.50m

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Trial Pit Photographs



TP119



TP119 SPOIL

Remarks: 1. Terminated due to instability and water ingress. 2. Water strike at 2.40 m bgl.

Stability: Unstable

Trial Pit Log

TrialPit No TP120 Sheet 1 of 1			
Project Name: Cherryfields	Project No. 15280	Co-ords: 340980.18 - 398303.79 Level: 23.30	Date 10/01/2022
Location: Kirkby		Dimensions (m): 2.60 × 0.70 Depth 3.10	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.15	23.15		Dark grey sandy CLAY with frequent rootlets. (TOPSOIL)
	0.30	HVP	68				Firm medium strength dark grey sandy CLAY
				0.50	22.80		Reddish brown slightly gravelly clayey fine to medium SAND. Gravel is fine to coarse, angular to subrounded of sandstone.
▼ 2.00							
				3.10	20.20		End of Pit at 3.10m

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Trial Pit Photographs



TP120 SPOIL

Remarks: 1. Complete. 2. Fast water ingress at 2.00 m bgl (water strike).

Stability: Unstable

Trial Pit Log

TrialPit No: TP121
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341118.82 - 398318.90 Level: 24.49	Date 10/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.90	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20	24.29		MADE GROUND: Brown very sandy clay with rootlets. (Topsoil).
				0.80	23.69		MADE GROUND: Brown gravelly clayey fine to medium sand. Gravel is fine to coarse sub angular to sub rounded of mudstone, sandstone and brick.
	1.00	ES					MADE GROUND: Blackish brown clayey sandy gravel with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, ash, brick, ceramic, glass and textiles. Cobbles are angular to sub angular of brick and glass.
				2.30	22.19		MADE GROUND: Dark brown gravelly clay. Gravel is fine to medium angular to sub rounded of mudstone, sandstone, brick and ceramic.
				2.90	21.59		End of Pit at 2.90m

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Trial Pit Photographs



TP121



TP121 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No TP122/ SA102
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341011.86 - 398294.89 Level: 23.31	Date 10/01/2022
Location: Kirkby		Dimensions (m): 2.60 x 0.80 Depth 2.60	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.20	ES		0.30	23.01		Dark grey sandy CLAY with frequent rootlets. (TOPSOIL)
	0.50	HVP	70				Firm medium strength dark greyish brown slightly sandy CLAY.
	1.00	HVP	65	1.20	22.11		Reddish brown slightly clayey gravelly fine to medium SAND. Gravel is fine to coarse, subrounded to rounded of sandstone.
				2.60	20.71		End of Pit at 2.60m

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Trial Pit Photographs



TP122



TP122 SPOIL

Remarks: 1. Complete. 2. Soakaway test complete.

Stability: Stable

Trial Pit Log

			TrialPit No TP123 Sheet 1 of 1
Project Name: Cherryfields	Project No. 15280	Co-ords: 341140.09 - 398319.79 Level: 25.12	Date 10/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.80	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.30	24.82		MADE GROUND: Brown sandy clay with rootlets and rare roots. (Topsoil).
	2.00	ES					MADE GROUND: Reddish black clayey gravelly fine to medium sand with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ash, ceramic, glass, timber, plastic. Cobbles are angular to sub angular of sandstone, brick and glass.
▼ 2.40	2.40	ES		2.80	22.32		End of Pit at 2.80m

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Trial Pit Photographs



TP123



TP123 SPOIL

Remarks: 1. Terminated due to instability and water ingress. 2. Fast water ingress at 2.40 m bgl (water strike).

Stability: Unstable

Trial Pit Log

TrialPit No: TP124
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341030.51 - 398250.10 Level: 23.25	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.20 × 0.80 Depth 2.30	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20	23.05		MADE GROUND: Dark grey sandy clay with frequent rootlets with plastic drainage pipes (Topsoil)
	0.40	HVP	64				Firm medium strength brown slightly sandy gravelly CLAY. Gravel is fine to coarse, angular to subrounded of sandstone.
	0.50	ES					
▼ 0.65	0.70	HVP	58	0.70	22.55		Reddish brown slightly clayey gravelly fine to medium SAND. Gravel is fine to coarse, subrounded to rounded of sandstone.
				2.30	20.95		End of Pit at 2.30m

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Trial Pit Photographs



TP124



TP124 SPOIL

Remarks: 1. Complete on bedrock 2.30 m bgl. 2. Very slow water ingress at 0.65 m bgl (seepage).

Stability: Stable

Trial Pit Log

TrialPit No: TP125
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340962.85 - 398498.57 Level: 26.19	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.50	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.30	25.88		MADE GROUND: Dark brown slightly gravelly slightly sandy clay with rootlets. Gravel is fine sub angular to sub rounded of mudstone. (Topsoil).
				0.60	25.58		MADE GROUND: Brown gravelly sandy clay. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone and brick.
				1.80	24.38		Reddish grey very silty sandy CLAY.
				2.50	23.68		Reddish grey slightly clayey fine to medium SAND. (Weathered bedrock).
							End of Pit at 2.50m

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Trial Pit Photographs



TP125



TP125 SPOIL

Remarks: 1. Complete. 2. Unable to complete hand shear vain tests due to high sand content in CLAY.

Stability: Stable

Trial Pit Log

TrialPit No: TP126
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341078.00 - 398241.13 Level: 23.70	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.70 × 0.70 Depth 1.35	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.30	23.40		MADE GROUND: Dark grey slightly gravelly clayey fine to medium sand with frequent rootlets. Gravel is fine to coarse, angular to subrounded of brick. (Topsoil)
	0.50	HVP	70				Firm medium strength brown slightly gravelly sandy CLAY. Gravel is fine to coarse, subrounded to rounded of sandstone.
	1.00	HVP	73				
				1.35	22.35		End of Pit at 1.35m

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Trial Pit Photographs



TP126



TP126 SPOIL

Remarks: 1. Complete on bedrock at 1.35 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP127
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340946.23 - 398482.26 Level: 25.87	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.40	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10	25.77		Brown sandy CLAY with rootlets. (TOPSOIL).
	0.50 0.50	B ES					Red gravelly sandy CLAY with rare cobbles. Gravel is fine to coarse angular to sub rounded of mudstone and sandstone. Cobbles are sub angular of sandstone.
				0.70	25.17		Greyish dark brown gravelly clayey fine to medium SAND. Gravel is fine to coarse sub angular to sub rounded of mudstone and sandstone.
	1.50	HVP	83	1.40	24.47		Stiff high strength greyish brown slightly gravelly CLAY. Gravel is fine sub angular to sub rounded of mudstone.
				2.40	23.47		End of Pit at 2.40m

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Trial Pit Photographs



TP127



TP127 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

			TrialPit No TP128 Sheet 1 of 1
Project Name: Cherryfields	Project No. 15280	Co-ords: 341108.53 - 398304.99 Level: 24.25	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.80 × 0.70 Depth 2.50	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.30	23.95		MADE GROUND: Dark grey slightly gravelly clayey fine to medium sand with frequent rootlets. Gravel is fine to coarse, angular to subrounded of brick. (Topsoil)
	0.70 0.80	ES B					MADE GROUND: Black clayey gravelly fine to medium sand with cobbles. Gravel is fine to coarse angular to subrounded of brick, glass, ash and clinker. Cobbles are angular to sub angular of brick, glass, bottles, metal, pipe and wood.
▼ 1.40	1.40	HVP	73	1.40	22.85		Firm medium strength reddish brown slightly sandy CLAY. Circa 2.00 m bgl becomes stiff high strength circa 2.30 m bgl becomes firm medium strength circa 2.50 m bgl becomes stiff high strength.
	2.00	HVP	91				
	2.30	HVP	74				
	2.50	HVP	104	2.50	21.75		End of Pit at 2.50m

1 2 3 4

Trial Pit Photographs



TP128



TP128 SPOIL

Remarks: 1. Complete. 2. Rapid water ingress at 0.65 m bgl (water strike).

Stability: Unstable

Trial Pit Log

TrialPit No: TP129
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340991.57 - 398466.18 Level: 24.62	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.50	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.10	24.52		MADE GROUND: Brown slightly gravelly sandy clay with rootlets. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone. (Topsoil).
				0.30	24.32		MADE GROUND: Brown gravelly sandy clay. Gravel is fine to coarse sub angular to sub rounded of mudstone, sandstone and brick.
				0.60	24.02		Yellowish white mottled red slightly gravelly fine to medium SAND. Gravel is fine sub rounded of sandstone.
	0.80	HVP	61				Firm medium strength reddish brown slightly gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone. Becoming soft low strength at 1.50 m bgl.
▼ 1.50	1.50	HVP	29				
				2.10	22.52		Red fine to medium SAND. (Weathered bedrock).
				2.50	22.12		End of Pit at 2.50m

Trial Pit Photographs



TP129



TP129 SPOIL

Remarks: 1. Complete. 2. Slow water seepage at 1.50 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP130/SA103
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341125.30 - 398250.68 Level: 24.19	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.50 × 0.70 Depth 2.23	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.20	ES		0.08	24.11		MADE GROUND: Dark grey slightly gravelly clayey coarse sand with frequent rootlets. Gravel is fine, angular to subrounded of brick. (Topsoil)
				0.25	23.94		MADE GROUND: Black sandy gravel. Gravel is fine to coarse sub rounded of clinker and brick.
	0.50	HVP	64				Firm medium strength reddish brown slightly sandy CLAY.
0.80				0.80	23.39		
	1.00	D					Reddish brown clayey gravelly fine to medium SAND. Gravel is fine to coarse, subrounded to rounded of sandstone. (Lens of CLAY between 1.00m - 1.10m bgl)
				2.23	21.96		End of Pit at 2.23m

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Trial Pit Photographs



TP130



TP130 SPOIL

Remarks: 1. Complete on bedrock at 2.23 m bgl. 2. Very slow water ingress at 0.80 m bgl (seepage). 3. Soakaway test complete.

Stability: Stable

Trial Pit Log

TrialPit No TP131/ SA107
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341028.12 - 398450.45 Level: 24.61	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.50	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20	24.41		MADE GROUND: Brown slightly gravelly sandy clay with rootlets. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone. (Topsoil).
	0.50	HVP	111	0.70	23.91		Stiff high strength reddish brown mottled grey slightly gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
	0.80	ES					Soft low strength red slightly gravelly silty CLAY. Gravel is fine to coarse angular to sub rounded of mudstone and sandstone.
	1.00	B					
	1.00	HVP	28				
				2.10	22.51		Red slightly gravelly fine to medium SAND. Gravel is fine to medium sub angular to sub rounded of sandstone and mudstone. (Weathered bedrock).
				2.50	22.11		End of Pit at 2.50m

1 2 3 4

Trial Pit Photographs



TP131



TP131 SPOIL

Remarks: 1. Complete. 2. Soakaway test completed.

Stability: Stable

Trial Pit Log

TrialPit No: TP132
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341129.64 - 398212.68 Level: 23.73	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.70 x 0.80 Depth 2.45	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.20	ES		0.05	23.68		MADE GROUND: Dark grey sandy clay with frequent rootlets. (Topsoil)
				0.30	23.43		MADE GROUND: Black gravel. Gravel is fine to coarse angular to subrounded of brick, ash and clinker
	0.50	HVP	83				Stiff high strength brown slightly sandy CLAY (becoming more sandy at 0.60m bgl). Circa 1.00 m bgl becomes firm medium strength circa 1.20 m bgl becomes stiff high strength.
	1.00	HVP	70				
	1.20	HVP	100	1.20	22.53		Reddish brown slightly clayey gravelly fine to medium SAND. Gravel is fine to coarse, subrounded to rounded of sandstone.
				2.45	21.28		End of Pit at 2.45m

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Trial Pit Photographs



TP132



TP132 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP133
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341089.98 - 398426.67 Level: 24.76	Date 11/01/2022
Location: Kirkby		Dimensions (m): Depth 2.40, 0.60 x 2.00	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.20	24.56		MADE GROUND: Brown sandy clay with rootlets. (Topsoil).
	0.40	HVP	107	0.60	24.16		Stiff high strength greyish red slightly gravelly slightly sandy CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
	1.00	HVP	34	1.40	23.36		Soft low strength red slightly gravelly silty CLAY. Gravel is fine to coarse angular to sub rounded of mudstone and sandstone.
				2.40	22.36		Brownish red slightly gravelly very sandy CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
							End of Pit at 2.40m

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Trial Pit Photographs



TP133



TP133 SPOIL

Remarks: 1. Complete. 2. Unable to complete hand shear vain tests due to high sand content in CLAY.

Stability: Stable

Trial Pit Log

TrialPit No: TP134
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341166.11 - 398191.28 Level: 24.39	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.80 × 0.70 Depth 2.30	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.40	23.99		Dark grey sandy CLAY with frequent rootlets. (TOPSOIL).
	0.70	HVP	54	0.70	23.69		Light brown sandy CLAY.
	0.90	HVP	76				Firm medium strength dark grey slightly gravelly sandy CLAY. Gravel is fine subrounded of sandstone. Circa 0.90 m bgl becomes stiff high strength.
	1.00	ES					
	1.10	HVP	90				
	1.30	HVP	85	1.30	23.09		Reddish brown slightly clayey gravelly fine to medium SAND. Gravel is fine to coarse, subrounded to rounded of sandstone.
▼ 2.00							
				2.30	22.09		End of Pit at 2.30m

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Trial Pit Photographs



TP134



TP134 SPOIL

Remarks: 1. Complete on bedrock at 2.30 m bgl. 2. Slow water ingress at 2.00 m bgl (seepage).

Stability: Stable

Trial Pit Log

TrialPit No: TP135
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341140.71 - 398391.58 Level: 24.84	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.70	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20	24.64		MADE GROUND: Brown sandy clay with rootlets. (Topsoil).
	0.40	ES		0.50	24.34		MADE GROUND: Brown gravelly sandy clay. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone and brick.
	0.70 0.80	HVP B	112	0.90	23.94		Stiff high strength red mottled grey gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone.
▼ 1.40	1.20	HVP	52	2.20	22.64		Firm medium strength red slightly gravelly silty CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone.
				2.70	22.14		Brownish red gravelly sandy CLAY. Gravel is fine to coarse sub angular to sub rounded of mudstone and sandstone.
							End of Pit at 2.70m

1 2 3 4

Trial Pit Photographs



TP135



TP135 SPOIL

Remarks: 1. Complete. 2. Slow water seepage at 1.40 m bgl. 3. Unable to complete HSV test 2.20-2.70 m bgl due to high sand content in clay.

Stability: Stable

Trial Pit Log

TrialPit No: TP136
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341181.35 - 398223.79 Level: 24.74	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.80 × 0.70 Depth 2.00	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.15	24.59		MADE GROUND: Dark grey sandy clay with frequent rootlets. (Topsoil)
							MADE GROUND: Slightly gravelly sandy clay with occasional cobbles. Gravel is fine to coarse angular to subrounded of brick. Cobbles are sub angular of brick.
▼ 0.80				0.80	23.94		
	0.90	HVP	96				Stiff, high strength light brown slightly sandy CLAY.
	1.00	HVP	105				
	1.50	HVP	107				
	2.00	HVP	89	2.00	22.74		End of Pit at 2.00m

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Trial Pit Photographs



TP136



TP136 SPOIL

Remarks: 1. Complete. 2. Very slow water ingress at 0.80 m bgl (seepage).

Stability: Stable

Trial Pit Log

Project Name: Cherryfields	Project No. 15280	TrialPit No TP137 Sheet 1 of 1
	Co-ords: 341141.61 - 398363.34 Level: 25.25	Date 11/01/2022
Location: Kirkby	Dimensions (m): 2.00 × 0.60 Depth 2.50	Scale 1:30
Client: BDW Trading		Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.30	24.95		MADE GROUND: Brown gravelly sandy clay with rootlets. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick and glass. (Topsoil).
				0.80	24.45		MADE GROUND: Dark brownish black clayey very gravelly fine to medium sand. Gravel is fine to coarse angular to sub angular of mudstone, sandstone, brick, ash, ceramic, glass and textiles.
				1.50	23.75		MADE GROUND: Brownish red sandy very gravelly clay with cobbles. Gravel is fine to coarse angular to sub rounded of brick, mudstone, sandstone, glass, ceramic. Cobbles are angular to sub angular of sandstone, brick and glass.
				1.60	23.65		MADE GROUND: Concrete.
				2.00	23.25		MADE GROUND: Brown clayey very gravelly fine to medium sand with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ceramic and timber. Cobbles are angular to sub angular of brick and timber.
▼ 2.30	2.30	ES		2.50	22.75		Brown gravelly sandy CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
							End of Pit at 2.50m

Trial Pit Photographs



TP137



TP137 SPOIL

Remarks: 1. Complete. 2. Slow water seepage at 2.30 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP138
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341192.11 - 398249.66 Level: 24.77	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.70 × 0.70 Depth 3.10	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.25	24.52		MADE GROUND: Dark grey sandy clay with frequent rootlets. (Topsoil)
				0.60	24.17		MADE GROUND: Brown slightly gravelly sandy clay. Gravel is fine to coarse, angular to subrounded of brick.
	0.80	D					Firm medium strength reddish brown slightly gravelly sandy CLAY. Gravel is fine to coarse subrounded to rounded of sandstone.
	0.80	HVP	58				
	1.00	ES					
	1.20	HVP	72				
	1.50	HVP	66				
	2.00	HVP	60				
				3.10	21.67		End of Pit at 3.10m

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Trial Pit Photographs



TP138



TP138 SPOIL

Remarks: 1. Complete on bedrock at 3.10 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP139
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341251.48 - 398414.20 Level: 26.07	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.00 × 0.60, Depth 1.50	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.15	25.92		MADE GROUND: Brown gravelly sandy clay with rootlets. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
				0.50	25.57		MADE GROUND: Brown slightly sandy gravelly clay. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone and brick.
							MADE GROUND: Black slightly clayey gravelly fine to medium sand. Gravel is angular to sub rounded of mudstone, sandstone, brick, ash, glass, textiles, ceramic and wood.
▼ 1.30	1.30	ES		1.20	24.87		MADE GROUND: Greyish black slightly sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, ash, glass and ceramic. Slight hydrocarbon odour.
				1.50	24.57		End of Pit at 1.50m

1 2 3 4

Trial Pit Photographs



TP139



TP139 SPOIL

Remarks: 1. Terminated due to land drain. 2. Land drain encountered at 1.30 m bgl.

Stability: Stable

Trial Pit Log

Project Name: Cherryfields	Project No. 15280	Co-ords: 341174.18 - 398272.47 Level: 24.70	TrialPit No TP140 Sheet 1 of 1 Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.70 × 0.70 Depth 2.80	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.15	24.55		MADE GROUND: Dark grey slightly gravelly clayey coarse sand with frequent rootlets. Gravel is fine, angular to subrounded of brick. (Topsoil)
	0.50	B					MADE GROUND: Dark grey clayey very gravelly fine to medium sand with cobbles. Gravel is fine to coarse angular to subrounded of brick, glass, ash and clinker. Cobbles are angular to sub angular of glass, bottles, brick, metal, pipe and wood.
▼ 1.20	1.30	HVP	86	1.30	23.40		Stiff high strength reddish brown sandy CLAY. Circa 2.00 m bgl becomes firm medium strength
	1.60	HVP	84				
	1.80	HVP	81				
	2.00	HVP	70				
				2.80	21.90		End of Pit at 2.80m

1 2 3 4

Trial Pit Photographs



TP140



TP140 SPOIL

Remarks: 1. Complete. 2. Slow water ingress at 1.2 m bgl (seepage).

Stability: Stable

Trial Pit Log

TrialPit No: TP141
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341215.28 - 398421.21 Level: 26.01	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.40	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.15	25.86		MADE GROUND: Brown sandy clay with rootlets. (Topsoil).
				0.70	25.31		MADE GROUND: Brown gravelly sandy clay. Gravel is fine to coarse sub angular to sub rounded of mudstone, sandstone and brick.
▼ 1.00	1.00	ES					MADE GROUND: Brownish black slightly clayey sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ash, glass and ceramic.
	2.00	ES		1.80	24.21		Soft greyish brown silty CLAY.
				2.40	23.61		End of Pit at 2.40m

1 2 3 4

Trial Pit Photographs



TP141



TP141 SPOIL

Remarks: 1. Complete. 2. Water strike at 1.00 m bgl (perched water within Made Ground).

Stability: Stable

Trial Pit Log

TrialPit No: TP142
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340864.60 - 398512.30 Level: 25.84	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.90 × 0.80 Depth 3.30	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
▼ 0.40				0.20	25.64		MADE GROUND: Dark grey sandy with clay frequent rootlets. (Topsoil)
				0.40	25.44		MADE GROUND: Firm, medium strength reddish brown slightly gravelly sandy clay. Gravel is fine to coarse, angular to subrounded of brick.
	1.00	ES					MADE GROUND: Black slightly clayey gravelly fine to medium sand. Gravel is fine to coarse, angular to subrounded of brick and ash.
				3.30	22.54		End of Pit at 3.30m

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Trial Pit Photographs



TP142



TP142 SPOIL

Remarks: 1. Complete. 2. Perched water at 0.4 m bgl.

Stability: Slightly unstable

Trial Pit Log

TrialPit No: TP142B
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340918.97 - 398488.00 Level: 26.00	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.70 × 0.70 Depth 3.10	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.20	25.80		Dark grey sandy CLAY with frequent rootlets. (TOPSOIL).
	0.50	HVP	66	0.45	25.55		Reddish brown sandy CLAY.
	1.00	HVP	74				Firm medium strength grey to brown slightly gravelly very sandy CLAY. Gravel is fine to coarse, subrounded to rounded of sandstone (Lens of fine to medium SAND between 2.85-3.00m bgl). Circa 3.00 m bgl becomes stiff high strength.
	2.00	HVP	64				
	2.50	HVP	74				
	3.00	HVP	99	3.10	22.90		End of Pit at 3.10m

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Trial Pit Photographs



TP142B



TP142B SPOIL

Remarks: 1. Complete.

Stability: Unstable

Trial Pit Log

TrialPit No: TP143
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341237.29 - 398434.90 Level: 26.16	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.00 × 0.60 Depth 2.90	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.30	25.86		MADE GROUND: Brown clayey fine to medium sand with rootlets. (Topsoil).
				0.60	25.56		MADE GROUND: Black slightly clayey sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, glass, ash, brick, ceramic and plastic.
	0.80	HVP	113				Stiff high strength greyish red gravelly CLAY. Gravel is fine to coarse sub angular to sub rounded of mudstone and sandstone.
2.00				1.50	24.66		Stiff greyish red silty CLAY.
				2.50	23.66		Reddish brown slightly clayey fine to medium SAND. (Weathered bedrock).
				2.90	23.26		End of Pit at 2.90m

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Trial Pit Photographs



TP143



TP143 SPOIL

Remarks: 1. Complete. 2. Slow water seepage at 2.00 m bgl. 3. Unable to complete HSV tests in clay 1.50 to 2.50.

Stability: Stable

Trial Pit Log

TrialPit No: TP144
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341033.90 - 398604.73 Level: 25.76	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.90 × 0.70 Depth 2.00	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20	25.56		Dark grey sandy CLAY with frequent rootlets. (TOPSOIL).
	0.40	HVP	52				Firm medium strength brown very sandy CLAY.
	0.60	HVP	56				
	1.00	ES					
▼ 1.20	1.00	HVP	58	1.20	24.56		Brown very clayey fine to medium SAND. (Lens of CLAY between 1.80-1.90m bg.)
				2.00	23.76		End of Pit at 2.00m

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Trial Pit Photographs



TP144



TP144 SPOIL

Remarks: 1. Complete. 2. Slow water ingress at 1.20 m bgl.

Stability: Stable

Trial Pit Log

Project Name: Cherryfields	Project No. 15280	Co-ords: 341229.44 - 398461.90 Level: 26.15	TrialPit No TP145 Sheet 1 of 1 Date 11/01/2022
Location: Kirkby		Dimensions (m): Depth 3.10 — 2.00 × 0.60	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
0.60	0.80	ES		0.30	25.85		MADE GROUND: Brown slightly clayey slightly gravelly fine to medium sand with rootlets. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone. (Topsoil).
							MADE GROUND: Black slightly clayey sandy gravel with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, glass, ceramic, timber and ash. Cobbles are sub angular of brick, glass and timber.
	1.80	HVP	109	1.50	24.65		Stiff high strength reddish grey gravelly CLAY. Gravel is fine to coarse sub angular to sub rounded of mudstone and sandstone.
				3.10	23.05		End of Pit at 3.10m

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Trial Pit Photographs



TP145



TP145 SPOIL

Remarks: 1. Complete. 2. Water ingress at 0.60 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP146
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341003.77 - 398621.18 Level: 25.97	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.90 × 0.70 Depth 2.40	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES					Dark grey sandy CLAY with frequent rootlets. (TOPSOIL).
	0.20	HVP	39	0.20	25.77		Soft low strength brown very sandy CLAY. Circa 0.40 m bgl becomes firm medium strength circa 0.60 m bgl becomes soft low strength.
	0.40	HVP	52				
	0.50	D					
	0.60	HVP	39	0.60	25.37		Brown slightly gravelly very clayey fine to medium SAND. Gravel is fine to coarse, subrounded to rounded sandstone. (Lens of CLAY between 2.20-2.40m bgl).
1.40 ▼							
				2.40	23.57		End of Pit at 2.40m

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Trial Pit Photographs



TP146



TP146 SPOIL

Remarks: 1. Complete. 2. Very slow water ingress at 0.80 m bgl (seepage).

Stability: Stable

Trial Pit Log

TrialPit No: TP147
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341208.26 - 398451.97 Level: 26.35	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.70	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.20	26.15		MADE GROUND: Brown sandy clay with rootlets. (Topsoil).
				0.50	25.85		MADE GROUND: Brown gravelly clayey fine to medium sand. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone and brick.
				1.20	25.15		MADE GROUND: Black slightly clayey sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ash, ceramic and glass.
	1.50	HVP	128	2.70	23.65		Stiff high strength light brownish red gravelly CLAY. Gravel is fine to coarse sub angular to sub rounded of mudstone and sandstone.
							End of Pit at 2.70m

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Trial Pit Photographs



TP147



TP147 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP148
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340989.83 - 398594.54 Level: 26.31	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.70 × 0.70 Depth 2.80	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10	26.21		Dark grey sandy CLAY with frequent rootlets. (TOPSOIL).
				0.35	25.96		Brown clayey fine to medium SAND.
0.50	0.50	HVP	78				Stiff high strength brown slightly gravelly sandy CLAY. Gravel is fine to coarse subrounded to rounded of sandstone.
	1.00	ES					
	1.00	HVP	81				
	1.30	HVP	85	1.30	25.01		Brown slightly clayey gravelly fine to medium SAND. Gravel is fine to coarse subrounded to rounded of sandstone.
	1.40	B					
				2.80	23.51		End of Pit at 2.80m

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Trial Pit Photographs



TP148



TP148 SPOIL

Remarks: 1. Complete. 2. Fast water ingress at 0.50 m bgl (water strike).

Stability: Stable

Trial Pit Log

TrialPit No: TP149
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341171.10 - 398441.75 Level: 26.17	Date 11/01/2022
Location: Kirkby		Dimensions (m): Depth 2.50 — 2.00 × 0.60	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20	25.97		MADE GROUND: Brown clayey fine to medium sand with rootlets. (Topsoil).
				1.00	25.17		MADE GROUND: Brown gravelly clayey fine to medium sand. Gravel is fine to coarse of mudstone, sandstone and brick.
1.20	1.20	ES					MADE GROUND: Black slightly clayey sandy gravel with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, glass, ceramic, ash, textiles and timber. Cobbles are angular to sub angular of brick and glass.
	2.00 2.00	ES HVP	71	1.90	24.27		Firm medium strength light brown to red slightly gravelly silty CLAY. Gravel is fine to coarse sub angular to sub rounded of mudstone and sandstone.
				2.50	23.67		End of Pit at 2.50m

Trial Pit Photographs



TP149



TP149 SPOIL

Remarks: 1. Complete. 2. Water strike at 1.20 m bgl. Fast ingress.

Stability: Stable

Trial Pit Log

TrialPit No: TP150
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341111.79 - 398629.32 Level: 23.68	Date 12/01/2022
Location: Kirkby		Dimensions (m): 2.70 x 0.70 Depth 2.80	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.20	ES		0.25	23.43		MADE GROUND: Dark grey slightly clayey gravelly sand with frequent rootlets. Gravel is fine to coarse, angular to subrounded of brick. (Topsoil)
				0.30	23.38		Reddish brown gravelly fine to medium SAND. Gravel is fine to medium sub rounded of mudstone and sandstone.
							Greyish dark brown slightly gravelly clayey fine to medium SAND. Gravel is fine to medium sub rounded of mudstone and sandstone.
				1.50	22.18		
	1.60	HVP	108				Stiff high strength brown sandy CLAY.
	1.70	HVP	116				
				1.80	21.88		Brown slightly gravelly fine to medium SAND.
				2.80	20.88		End of Pit at 2.80m

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Trial Pit Photographs



TP150



TP150 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP151/SA105
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341187.38 - 398470.60 Level: 26.45	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.70	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.20	26.25		MADE GROUND: Brown slightly gravelly very sandy clay with rootlets. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone. (Topsoil).
				1.00	25.45		MADE GROUND: Blackish brown slightly clayey gravelly fine to medium sand. Gravel is fine to coarse angular to sub rounded of mudstone, ash, sandstone, brick, glass and metal.
	1.20	HVP	60				Firm medium strength reddish grey slightly gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
				2.20	24.25		Reddish grey fine to coarse SAND. (Weathered bedrock).
				2.70	23.75		End of Pit at 2.70m

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Trial Pit Photographs



TP151



TP151 SPOIL

Remarks: 1. Complete. 2. Soakaway test complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP152
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341145.86 - 398616.37 Level: 23.87	Date 12/01/2022
Location: Kirkby		Dimensions (m): 2.50 x 0.80 Depth 3.00	Scale 1:30
Client: BDW Trading			Logged N.Gregory

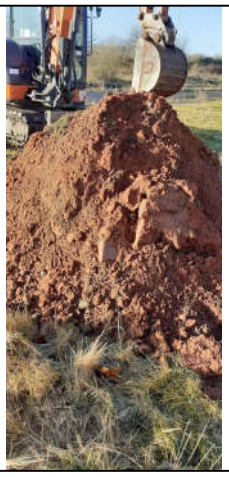
Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.25	23.62		MADE GROUND: Dark grey slightly clayey very gravelly fine to medium sand with cobbles. Gravel is fine to coarse, angular to subrounded of brick. Cobbles are sub angular of brick.
	0.50	B					Brown gravelly fine to medium SAND with frequent and occasional cobbles. Gravel is fine to coarse, subrounded to rounded of sandstone. Cobbles are sub rounded of sandstone.
	0.80	ES					
				2.10	21.77		Reddish brown clayey gravelly fine to medium SAND. Gravel is fine to coarse, subrounded to rounded of sandstone.
▼ 2.40				2.40	21.47		Firm medium strength light brown sandy CLAY.
				2.60	21.27		Reddish brown clayey gravelly fine to medium SAND. Gravel is fine to coarse, subrounded to rounded of sandstone.
				3.00	20.87		End of Pit at 3.00m

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Trial Pit Photographs



TP152



TP152 SPOIL

Remarks: 1. Complete. 2. Slow water ingress at 2.40 m bgl (seepage).

Stability: Stable

Trial Pit Log

Project Name: Cherryfields	Project No. 15280	Co-ords: 341171.08 - 398477.80 Level: 26.36	TrialPit No TP153 Sheet 1 of 1 Date 12/01/2022
Location: Kirkby		Dimensions (m): Depth 2.70 (0.60 × 2.00)	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.20	26.16		MADE GROUND: Dark brown slightly gravelly clayey fine to medium sand with rootlets. (Topsoil).
0.50				0.80	25.56		MADE GROUND: Dark brown slightly clayey gravelly fine to medium sand. Gravel is fine to coarse sub angular to sub rounded of mudstone, sandstone and brick.
				1.50	24.86		MADE GROUND: Brownish black slightly clayey sandy gravel with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, ash, brick, glass, plastic, metal and ceramic. Cobbles are angular to sub angular brick and glass.
	2.00	HVP	29	2.70	23.66		Reddish grey slightly gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone. Slight organic odour.
							End of Pit at 2.70m

1 2 3 4

Trial Pit Photographs



TP153



TP153 SPOIL

Remarks: 1. Complete. 2. Water strike at 0.50 m bgl. Fast ingress.

Stability: Unstable

Trial Pit Log

			TrialPit No TP154 Sheet 1 of 1
Project Name: Cherryfields	Project No. 15280	Co-ords: 341182.27 - 398566.21 Level: 25.03	Date 12/01/2022
Location: Kirkby		Dimensions (m): Depth 3.40 — 2.60 × 0.70	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20	24.83		MADE GROUND: Dark grey slightly clayey gravelly fine to medium sand with frequent rootlets. Gravel is fine to coarse, angular to subrounded of brick.
				0.50	24.53		MADE GROUND: Grey gravel. Gravel is fine sub rounded to rounded of limestone (sub-base).
	0.70	ES					MADE GROUND: Brown gravelly clayey fine to medium sand. Gravel is fine to coarse, angular to rounded of brick glass, bottles metal and sandstone.
				2.40	22.63		Brown slightly gravelly clayey fine to medium SAND. Gravel is fine to coarse, subrounded to rounded of sandstone.
▼ 2.90	3.00	HVP	69	3.00	22.03		Firm medium strength greyish brown sandy CLAY
	3.20	HVP	70				
				3.40	21.63		End of Pit at 3.40m

1 2 3 4

Trial Pit Photographs



TP154



TP154 SPOIL

Remarks: 1. Complete. 2. Slow water ingress at 2.90 m bgl (seepage).

Stability: Stable

Trial Pit Log

TrialPit No: TP155
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341166.12 - 398506.04 Level: 26.15	Date 12/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.50	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20	25.95		MADE GROUND: Dark brown slightly gravelly clayey fine to medium sand with rootlets. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone. (Topsoil).
							MADE GROUND: Dark brown slightly clayey gravelly fine to medium sand. Gravel is fine to coarse sub angular to sub rounded of mudstone, sandstone and brick.
0.80				0.80	25.35		
	1.00	ES					MADE GROUND: Brownish black slightly clayey sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ash, glass, ceramic, plastic and metal.
	1.70	HVP	103	1.70	24.45		Stiff high strength reddish brown slightly gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
	2.10	HVP	119				
				2.50	23.65		End of Pit at 2.50m

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Trial Pit Photographs



TP155



TP155 SPOIL

Remarks: 1. Terminated due to instability. 2. Fast water strike at 0.80 m bgl.

Stability: Unstable

Trial Pit Log

TrialPit No: TP156
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341185.77 - 398522.59 Level: 25.46	Date 12/01/2022
Location: Kirkby		Dimensions (m): 2.80 × 0.70 Depth 2.70	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.30	25.16		MADE GROUND: Dark grey gravelly fine to medium sand with frequent rootlets. Gravel is fine, angular to subrounded of brick. (Topsoil)
				1.00	24.46		MADE GROUND: Dark grey slightly clayey gravelly fine to medium sand. Gravel is fine to coarse, angular to rounded of brick, glass, bottles, pipe and metal
	1.30	HVP	103				Stiff high strength light brown slightly sandy CLAY.
	1.80	HVP	115				
	2.20	HVP	103				
2.70				2.70	22.76		End of Pit at 2.70m

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Trial Pit Photographs



TP156



TP156 SPOIL

Remarks: 1. Complete. 2. Very slow water ingress at 2.70 m bgl (seepage).

Stability: Stable

Trial Pit Log

Project Name: Cherryfields	Project No. 15280	Co-ords: 341147.77 - 398495.38 Level: 26.42	TrialPit No TP157 Sheet 1 of 1 Date 12/01/2022
Location: Kirkby		Dimensions (m): 2.00 × 0.60 Depth 2.50	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.30	26.12		MADE GROUND: Dark brown gravelly clayey fine to medium sand with rootlets. Gravel is fine to medium angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
							MADE GROUND: Brownish black slightly clayey sandy gravel with cobbles. Gravel is fine to coarse angular to sub angular of mudstone, sandstone, brick, ash, glass, ceramic and plastic. Cobbles are angular to sub angular of glass and brick.
	1.70 1.70	ES HVP	73	1.50	24.92		Firm medium strength grey slightly gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
				2.10	24.32		Soft reddish grey slightly gravelly sandy CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
				2.50	23.92		End of Pit at 2.50m

1 2 3 4

Trial Pit Photographs



TP157



TP157 SPOIL

Remarks: 1. Complete. 2. Unable to complete hand shear vain tests due to high sand content in CLAY 2.10-2.50 m bgl.

Stability: Stable

Trial Pit Log

			TrialPit No TP158 Sheet 1 of 1
Project Name: Cherryfields	Project No. 15280	Co-ords: 341149.17 - 398545.99 Level: 25.06	Date 12/01/2022
Location: Kirkby		Dimensions (m): 2.80 × 0.70 Depth 2.90	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.30	24.76		MADE GROUND: Dark grey gravelly clayey fine to medium sand with frequent rootlets. Gravel is fine to coarse, angular to subrounded of brick. (Topsoil)
	0.50 0.60	HVP ES	86				Stiff high strength brown slightly sandy CLAY.
	1.00	HVP	99				
	1.50	HVP	82				
	2.00	HVP	79				
				2.10	22.96		Stiff high strength brown slightly gravelly sandy CLAY.
	2.50	HVP	100				
				2.90	22.16		End of Pit at 2.90m

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Trial Pit Photographs



TP158



TP158 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP159
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341116.73 - 398462.62 Level: 26.20	Date 12/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.50	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES					MADE GROUND: Brown slightly gravelly clayey fine to medium sand with rootlets. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone and ceramic. (Topsoil).
				0.80	25.40		Greyish light brown very sandy CLAY.
	1.50 1.50	B HVP	122	1.40	24.80		Stiff high strength grey mottled orange slightly sandy CLAY with sand lenses.
				2.50	23.70		End of Pit at 2.50m

Trial Pit Photographs



TP159



TP159 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP160
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341134.97 - 398558.27 Level: 24.87	Date 12/01/2022
Location: Kirkby		Dimensions (m): 2.80 x 0.80 Depth 2.90	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.30	ES		0.40	24.46		MADE GROUND: Dark grey gravelly fine to medium sand. Gravel is fine to coarse, angular to rounded of brick, glass, bottles, metal and concrete. (Topsoil).
0.50 ▼				0.60	24.26		MADE GROUND: Grey gravel. Gravel is fine angular to subrounded gravel of limestone.
	0.80	HVP	53				Firm, medium strength brown slightly sandy CLAY.
	1.50	HVP	54				
	2.00	HVP	63				
				2.90	21.96		End of Pit at 2.90m

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Trial Pit Photographs



TP160



TP160 SPOIL

Remarks: 1. Complete. 2. Rapid water ingress at 0.50 m bgl (perched water within Made Ground).

Stability: Stable

Trial Pit Log

			TrialPit No TP161 Sheet 1 of 1
Project Name: Cherryfields	Project No. 15280	Co-ords: 341121.34 - 398489.77 Level: 26.59	Date 12/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 3.00	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.60	25.98		MADE GROUND: Dark brown slightly clayey gravelly fine to medium sand with rootlets. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick and ceramic. (Topsoil).
	0.80	ES					MADE GROUND: Brownish black sandy gravel with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, glass, ash, ceramic, timber. Cobbles are angular to sub angular of brick and glass.
▼ 1.50	1.40	HVP	138	1.40	25.18		Stiff high strength grey mottled orange sandy CLAY. Becoming firm medium strength at 2.00 m bgl.
	2.00	HVP	69	2.20	24.38		Grey mottled orange very clayey fine to medium SAND.
				2.80	23.78		Light brown slightly clayey fine to medium SAND.
				3.00	23.58		End of Pit at 3.00m

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Trial Pit Photographs



TP161



TP161 SPOIL

Remarks: 1. Complete. 2. Slow water seepage at 1.50 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP162
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341117.71 - 398597.19 Level: 24.46	Date 12/01/2022
Location: Kirkby		Dimensions (m): 2.80 × 0.70 Depth 2.50	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.30	24.16		MADE GROUND: Dark brown gravelly clayey fine to medium sand with frequent rootlets and cobbles. Gravel is fine to coarse, angular to rounded of brick and concrete. Cobbles are sub angular of brick and concrete. (Topsoil).
	0.50	HVP	85	0.90	23.56		Stiff medium strength brown slightly sandy gravelly CLAY. Gravel is fine to coarse, subrounded to rounded of sandstone.
	1.20	HVP	75	2.50	21.96		Stiff medium strength reddish brown slightly sandy CLAY.
							End of Pit at 2.50m

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Trial Pit Photographs



TP162



TP162 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP163/SA106
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341022.86 - 398552.70 Level: 26.18	Date 12/01/2022
Location: Kirkby		Dimensions (m): 2.00 × 0.60, Depth 2.40	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES					Brown clayey fine to medium SAND with rootlets. (TOPSOIL).
				0.50	25.68		Brown very sandy CLAY.
	1.10	HVP	84	1.10	25.08		Stiff high strength brownish red mottled grey sandy CLAY.
	1.40	B		1.40	24.78		Orangish light brown slightly gravelly slightly clayey fine to medium SAND. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
	2.00	HVP	31	2.00	24.18		Soft low strength grey mottled orange slightly sandy CLAY with black fine to medium sand lenses.
	2.40	HVP	35	2.40	23.78		End of Pit at 2.40m

Trial Pit Photographs



TP163



TP163 SPOIL

Remarks: 1. Complete. 2. Slow water seepage at 2 m bgl. 3. Soakaway test completed.

Stability: Stable

Trial Pit Log

TrialPit No: TP164
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341076.36 - 398640.61 Level: 23.94	Date 12/01/2022
Location: Kirkby		Dimensions (m): 2.70 x 0.70 Depth 2.90	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.05	23.89		MADE GROUND: Asphalt
				0.20	23.74		MADE GROUND: Concrete
	0.30	ES		0.30	23.64		MADE GROUND: Orange gravel. Gravel is fine to coarse angular to subrounded gravel of brick. Brown fine to medium SAND.
				1.30	22.64		Firm medium strength reddish brown sandy CLAY.
	1.50	HVP	46				
	2.20	HVP	63				
				2.90	21.04		End of Pit at 2.90m

Trial Pit Photographs



TP164



TP164 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

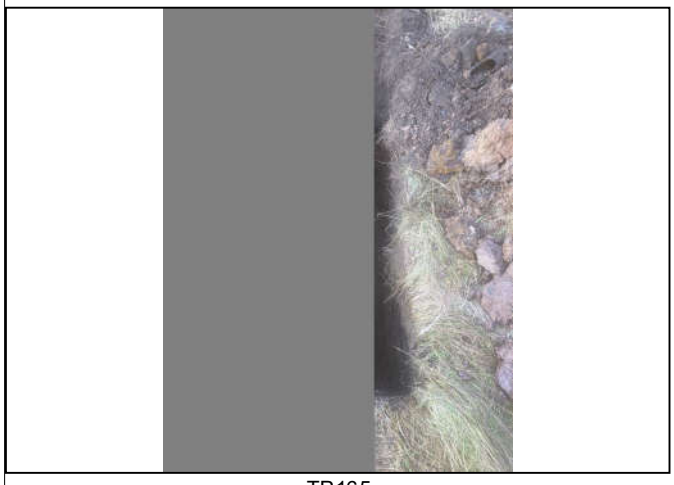
TrialPit No: TP165
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341146.03 - 398519.63 Level: 26.08	Date 12/01/2022
Location: Kirkby		Dimensions (m): Depth 2.40 — 2.00 × 0.60	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.50	ES		0.30	25.78		MADE GROUND: Brown slightly gravelly slightly clayey fine to medium sand with rootlets. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
							MADE GROUND: Black slightly clayey sandy gravel with cobbles. Gravel is fine to coarse of mudstone, sandstone, brick, glass, ash, ceramic, plastic and metal. Cobbles are angular to sub angular of glass and brick.
	1.40	HVP	75	1.40	24.68		Firm medium strength reddish grey sandy CLAY. Becoming stiff high strength at 1.80 m bgl.
	1.80	HVP	106				
	2.30	HVP	104				
				2.40	23.68		End of Pit at 2.40m

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Trial Pit Photographs



TP165



TP165 spoil

Remarks: 1. Complete. 2. Slow water ingress at 1.50 m bgl.

Stability: Stable

Trial Pit Log

			TrialPit No TP166 Sheet 1 of 1
Project Name: Cherryfields	Project No. 15280	Co-ords: 341153.22 - 398584.42 Level: 24.67	Date 12/01/2022
Location: Kirkby		Dimensions (m): 2.80 x 0.80 Depth 0.60	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.40	ES		0.20	24.47		MADE GROUND: Brown gravel with cobbles. Gravel is fine to coarse angular to subrounded of brick and concrete, rebar and plastic. Cobbles are sub angular of concrete. (Topsoil).
				0.60	24.07		MADE GROUND: Dark brown sandy gravel. Gravel is fine to coarse angular to subrounded of brick and concrete.
							End of Pit at 0.60m

Remarks: 1. Terminated due to obstruction.

Stability: Stable

Trial Pit Log

TrialPit No: TP167
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341109.65 - 398545.48 Level: 25.88	Date 12/01/2022
Location: Kirkby		Dimensions (m): 2.50 x 0.50 Depth 2.00	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.40	25.48		MADE GROUND: Dark brown slightly clayey gravelly fine to medium sand with rootlets. Gravel is fine to coarse sub angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
	0.80	B					MADE GROUND: Brownish black sandy gravel with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ash, ceramic, glass, plastic and metal. Cobbles are angular to sub rounded of brick, glass and ceramic.
▼ 1.50	1.50	ES		2.00	23.88		End of Pit at 2.00m

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Trial Pit Photographs



TP167



TP167 SPOIL

Remarks: 1. Terminated due to instability. 2. Slow water ingress at 1.50 m bgl (perched water in Made Ground).

Stability: Unstable

Trial Pit Log

TrialPit No: TP168
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341081.40 - 398606.07 Level: 24.60	Date 13/01/2022
Location: Kirkby		Dimensions (m): 2.80 × 0.90 Depth 3.00	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.03	24.57		MADE GROUND: Ceramic tiles. Recovered as gravel. Gravel is fine to coarse angular of ceramic.
				0.15	24.45		MADE GROUND: Concrete
				0.30	24.30		MADE GROUND: Reddish brown gravelly fine to coarse sand. Gravel is fine to coarse, angular to subrounded of brick.
	0.50	ES					Brown slightly clayey gravelly medium SAND. Gravel is fine to coarse, subrounded to rounded of sandstone.
	1.00	HVP	84	1.00	23.60		Stiff, high strength brown sandy CLAY.
	1.50	HVP	85				
	2.00	HVP	96				
	2.50	HVP	92				
	3.00	HVP	90	3.00	21.60		End of Pit at 3.00m

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Trial Pit Photographs



TP168



TP168 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP169
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341093.04 - 398532.93 Level: 26.19	Date 12/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.40	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.30	25.89		MADE GROUND: Brown slightly clayey gravelly fine to medium sand with rootlets. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
	0.80	ES					MADE GROUND: Brownish black sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ash, ceramic, glass, plastic and metal.
▼ 1.80							
				2.40	23.79		End of Pit at 2.40m

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Trial Pit Photographs



TP169



TP169 SPOIL

Remarks: 1. Terminated due to instability. 2. Fast water ingress at 1.50 m bgl (water strike).

Stability: Unstable

Trial Pit Log

TrialPit No: TP170
Sheet 1 of 1

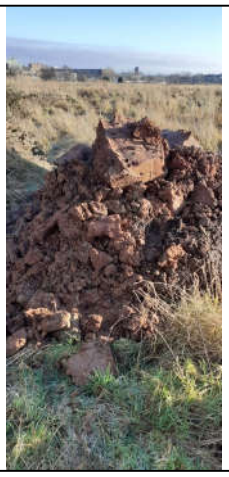
Project Name: Cherryfields	Project No. 15280	Co-ords: 340948.07 - 398516.59 Level: 25.90	Date 13/01/2022
Location: Kirkby		Dimensions (m): 2.80 × 0.80 Depth 2.50	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20	25.70		MADE GROUND: Dark brown slightly clayey sandy gravel with frequent rootlets. Gravel is fine to coarse, subangular to subrounded of sandstone and brick. (Topsoil)
	0.50	ES					MADE GROUND: Dark brown slightly clayey gravelly fine to medium sand. Gravel is fine to coarse, angular to subrounded of brick, sandstone, glass, bottles, ash, metal, pipe, clinker and wood.
▼ 0.90	1.00	HVP	55	0.90	25.00		Firm medium strength reddish brown slightly sandy CLAY.
				2.50	23.40		End of Pit at 2.50m

Trial Pit Photographs



TP170



TP170 SPOIL

Remarks: 1. Complete. 2. Slow water ingress at 0.90 m bgl (seepage).

Stability: Unstable

Trial Pit Log

TrialPit No: TP171
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341051.15 - 398497.94 Level: 26.42	Date 12/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.50	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.40	26.02		MADE GROUND: Brown slightly gravelly fine to medium sand with rootlets. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
	0.60	HVP	24				Soft low strength brown very sandy CLAY.
	0.80	HVP	93	0.80	25.62		Stiff high strength grey mottled red sandy CLAY. Becoming firm medium strength 1.80 m bgl.
	1.80	HVP	64				
	2.00	B					
				2.50	23.92		End of Pit at 2.50m

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Trial Pit Photographs



TP171



TP171 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No TP172 Sheet 1 of 1			
Project Name: Cherryfields	Project No. 15280	Co-ords: 340909.17 - 398522.81 Level: 25.76	Date 13/01/2022
Location: Kirkby		Dimensions (m): 3.00 × 0.80 Depth 0.40	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.30	25.46		MADE GROUND: Dark brown clayey sandy gravel with frequent rootlets. Gravel is fine to coarse, angular to subrounded of brick, sandstone, glass, bottles, metal, pipe, clinker and wood. (Topsoil)
				0.40	25.36		MADE GROUND: Concrete
							End of Pit at 0.40m

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Trial Pit Photographs



TP172



TP172 SPOIL

Remarks: 1. Terminated due to concrete obstruction.

Stability: Stable

Trial Pit Log

TrialPit No: TP173
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341041.96 - 398526.66 Level: 26.35	Date 12/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.00	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.50	HVP	62	0.50	25.85		MADE GROUND: Dark brown slightly clayey gravelly fine to medium sand with rootlets. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ceramic and glass. (Topsoil).
	0.80	ES		1.00	25.35		MADE GROUND: Firm brownish red slightly gravelly sandy clay. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone. Lens of made ground at 1.00 m bgl.
	1.80	HVP	48	2.00	24.35		Firm medium strength brownish red slightly gravelly sandy clay. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
							End of Pit at 2.00m

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Trial Pit Photographs



TP173



TP173 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP174
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340892.68 - 398529.05 Level: 25.87	Date 13/01/2022
Location: Kirkby		Dimensions (m): 3.00 x 0.80 Depth 2.50	Scale 1:30
Client: BDW Trading			Logged N.Gregory

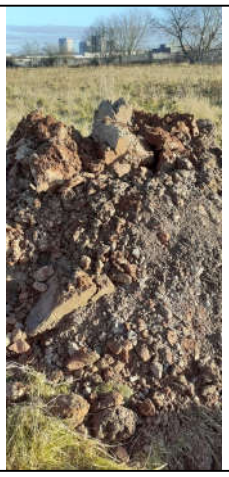
Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.50	25.37		MADE GROUND: Dark brown clayey gravelly medium to coarse sand with frequent rootlets. Gravel is fine to coarse angular to subrounded of brick, sandstone, glass, bottles, metal, pipe, clinker, ash and wood. (Topsoil)
				0.70	25.17		MADE GROUND: Concrete Slab
▼ 0.90	0.90	ES		1.00	24.87		MADE GROUND: Dark brown slightly clayey gravelly fine to medium sand. Gravel is fine to coarse, angular to subrounded of brick, sandstone, glass, bottles, ash, metal, pipe, clinker and wood.
	1.20	HVP	103				Stiff, high strength brown sandy CLAY.
				2.50	23.37		End of Pit at 2.50m

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Trial Pit Photographs



TP174



TP174 SPOIL

Remarks: 1. Complete. 2. Slow water ingress at 0.90 m bgl (seepage).

Stability: Stable

Trial Pit Log

TrialPit No: TP175
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341076.62 - 398561.97 Level: 26.13	Date 12/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 1.40	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.30	25.83		MADE GROUND: Brown slightly clayey gravelly fine to medium sand with rootlets. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick and glass.
							MADE GROUND: Brownish black slightly clayey sandy gravel with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ash, glass, ceramic and plastic. Cobbles are angular to sub angular of brick and glass.
				1.30	24.83		MADE GROUND: Concrete.
				1.40	24.73		End of Pit at 1.40m

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Trial Pit Photographs



TP175



TP175 SPOIL

Remarks: 1. Terminated due to concrete obstruction.

Stability: Stable

Trial Pit Log

TrialPit No: TP176
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340873.94 - 398536.63 Level: 25.93	Date 13/01/2022
Location: Kirkby		Dimensions (m): 3.20 x 0.80 Depth 2.50	Scale 1:30
Client: BDW Trading			Logged N.Gregory

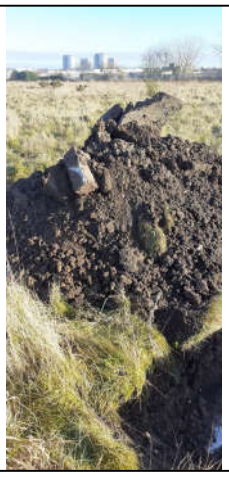
Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.20	25.72		MADE GROUND: Dark brown slightly clayey gravelly sand with frequent rootlets. Gravel is fine to coarse, subangular to subrounded of brick. (Topsoil)
				0.50	25.42		MADE GROUND: Dark brown slightly clayey sandy gravel. Gravel is fine to coarse, angular to subrounded of brick, sandstone, glass, bottles, ash, metal, pipe, clinker and wood.
				0.70	25.22		MADE GROUND: Concrete Slab
				1.00	24.92		MADE GROUND: Dark brown slightly clayey sandy gravel. Gravel is fine to coarse, angular to subrounded of brick, sandstone, glass, bottles, ash, metal, pipe, clinker and wood.
	1.50	HVP	94				Stiff high strength dark brown sandy CLAY.
				2.50	23.42		End of Pit at 2.50m

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Trial Pit Photographs



TP176



TP176 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP177
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341053.18 - 398590.61 Level: 25.80	Date 12/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.60	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.30	25.50		MADE GROUND: Brown slightly clayey gravelly fine to medium sand with rootlets. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
							MADE GROUND: Blackish brown sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ash, ceramic, glass and plastic.
2.00	2.00	ES					
	2.20	ES		2.20	23.60		Firm medium strength dark brown very sandy CLAY.
	2.30	HVP	46				
				2.60	23.20		End of Pit at 2.60m

Trial Pit Photographs



TP177



TP177 SPOIL

Remarks: 1. Complete. 2. Slow water seepage at 2.00 m bgl.

Stability: Stable

Trial Pit Log

			TrialPit No TP178 Sheet 1 of 1
Project Name: Cherryfields	Project No. 15280	Co-ords: 340852.41 - 398544.25 Level: 25.81	Date 13/01/2022
Location: Kirkby		Dimensions (m): 2.90 / 0.80 / Depth 2.50	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20	25.61		MADE GROUND: Dark brown slightly gravelly clayey fine to medium sand with frequent rootlets. Gravel is fine to coarse, angular to rounded of brick. (Topsoil)
	0.60	ES					MADE GROUND: Dark brown slightly sandy clayey gravel. Gravel is of fine to coarse angular to subrounded of brick, glass, brick, metal, pipe, wood and concrete.
▼ 1.20	1.20	HVP	99	1.00	24.81		Stiff, high strength dark brown slightly sandy CLAY
				2.50	23.31		End of Pit at 2.50m

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Trial Pit Photographs



TP178



TP178 SPOIL

Remarks: 1. Complete. 2. Slow water ingress at 1.20 m bgl (seepage).

Stability: Stable

Trial Pit Log

TrialPit No: TP179
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341032.49 - 398581.67 Level: 26.24	Date 12/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.20	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.20	26.04		Brown sandy CLAY with rootlets. (TOPSOIL).
	0.80	HVP	82	0.80	25.44		Greyish red clayey fine to medium SAND.
▼ 1.60	1.40	HVP	196				Stiff high strength brownish red sandy CLAY. Circa 1.40 m bgl becomes very stiff very high strength. Circa 1.80 m bgl becomes stiff high strength.
	1.80	HVP	85				
				2.20	24.04		End of Pit at 2.20m

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Trial Pit Photographs



TP179



TP179 SPOIL

Remarks: 1. Complete. 2. Slow water seepage at 1.60 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP180
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340879.73 - 398560.00 Level: 26.02	Date 13/01/2022
Location: Kirkby		Dimensions (m): 3.20 x 0.80 Depth 1.80	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.50	25.52		MADE GROUND: Dark brown slightly clayey gravelly fine to coarse sand with frequent rootlets. Gravel is of fine to coarse, angular to subrounded of brick, concrete, glass, bottles, ash, metal, polystyrene, pipe, clinker and wood.
	1.50	ES		1.60	24.42		MADE GROUND: Brown clayey gravel. Gravel is of fine to coarse, angular to subrounded of brick, glass, bottles, ash, metal, pipe, clinker and wood.
▼ 1.70	1.70	HVP	96	1.80	24.22		Stiff, high strength reddish brown slightly sandy CLAY.
							End of Pit at 1.80m

Trial Pit Photographs



TP180



TP180 SPOIL

Remarks: 1. Terminated due to water at 1.70 m bgl. 2. Water strike at 1.70 m bgl (seepage).

Stability: Stable

Trial Pit Log

TrialPit No: TP181
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341004.21 - 398575.26 Level: 26.44	Date 12/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.10	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.30	26.14		Brown sandy CLAY with rootlets. (TOPSOIL).
	0.50	HVP	51				Firm medium strength greyish red very sandy CLAY.
				0.90	25.54		
	1.00	HVP	136				Stiff high strength reddish brown slightly sandy CLAY. Becoming firm medium strength at 2.00 m bgl.
	1.20	ES					
	1.50	HVP	103				
1.80 ▼							
	2.00	HVP	57				
				2.10	24.34		End of Pit at 2.10m

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Trial Pit Photographs



TP181



TP181 SPOIL

Remarks: 1. Complete. 2. Slow water seepage at 1.80 m bgl.

Stability: Stable

Trial Pit Log

			TrialPit No TP182 Sheet 1 of 1
Project Name: Cherryfields	Project No. 15280	Co-ords: 340900.53 - 398588.36 Level: 26.10	Date 13/01/2022
Location: Kirkby		Dimensions (m): 3.00 × 0.80 Depth 2.10	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.30	ES					MADE GROUND: Dark brown slightly clayey gravelly sand with frequent rootlets. Gravel is of fine to coarse angular to subrounded of brick, concrete, glass, bottles, ash, metal, polystyrene, pipe, clinker and wood.
				0.60	25.50		MADE GROUND: Brown gravelly fine to medium SAND. Gravel is fine to coarse, subrounded to rounded of brick.
▼ 1.00				1.00	25.10		Stiff high strength reddish brown slightly sandy CLAY.
	1.20	HVP	95				
				2.10	24.00		End of Pit at 2.10m

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Trial Pit Photographs



TP182



TP182 SPOIL

Remarks: 1. Complete. 2. Slow water ingress at 1.00 m bgl (seepage).

Stability: Stable

Trial Pit Log

TrialPit No: TP183
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340983.39 - 398583.46 Level: 26.32	Date 13/01/2022
Location: Kirkby		Dimensions (m): 2.50 x 0.50 Depth 2.10	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.30	26.02		MADE GROUND: Brown gravelly clayey fine to medium sand with rootlets. Gravel is fine to medium sub angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
	0.40	HVP	112				Stiff high strength brownish grey slightly gravelly sandy CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone. Becoming firm medium strength at 0.90 m bgl.
	0.90	HVP	57				
1.40 ▼				1.30	25.02		Firm very sandy CLAY with lenses of fine to medium sand.
				2.10	24.22		End of Pit at 2.10m

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Trial Pit Photographs



TP183



TP183 SPOIL

Remarks: 1. Complete. 2. Slow water seepage at 1.40 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP184
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340909.33 - 398550.94 Level: 26.04	Date 13/01/2022
Location: Kirkby		Dimensions (m): 2.70 × 0.70 Depth 1.80	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.50	ES		0.60	25.44		MADE GROUND: Dark brown slightly clayey gravelly fine to coarse sand with frequent rootlets. Gravel is of fine to coarse, angular to subrounded of brick and concrete. (Topsoil)
▼ 0.80				0.80	25.24		MADE GROUND: Grey gravel. Gravel is fine to coarse subrounded to rounded of concrete. (Concrete foundation slab between 0.70-0.80m bgl.)
	1.00	B		1.10	24.94		Reddish brown sandy CLAY.
	1.40	HVP	105				Stiff high strength dark brown slightly sandy CLAY.
				1.80	24.24		End of Pit at 1.80m

Trial Pit Photographs



TP184



TP184 SPOIL

Remarks: 1. Complete. 2. Slow water ingress at 0.80 m bgl (seepage). 3. Concrete foundation encountered 0.70-0.80 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP185
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340995.46 - 398536.66 Level: 26.34	Date 13/01/2022
Location: Kirkby		Dimensions (m): 2.00 × 0.60 Depth 2.50	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20	26.14		MADE GROUND: Dark brown gravelly clayey fine to medium sand with rootlets. Gravel is fine to medium angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
				0.60	25.74		MADE GROUND: Black sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ash, glass and ceramic.
▼ 0.70	0.70	ES		1.00	25.34		Very soft brownish grey slightly gravelly very sandy CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
				1.50	24.84		Brownish grey clayey fine to medium SAND.
	1.80	HVP	43	2.50	23.84		Firm medium strength very sandy CLAY.
							End of Pit at 2.50m

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Trial Pit Photographs



TP185



TP185 SPOIL

Remarks: 1. Complete. 2. Water strike at 0.70 m bgl. Fast ingress. 3. Unable to complete HSV test 0.60-1.00 and 1.80-2.50 m bgl due to high sand content in clay.

Stability: Unstable

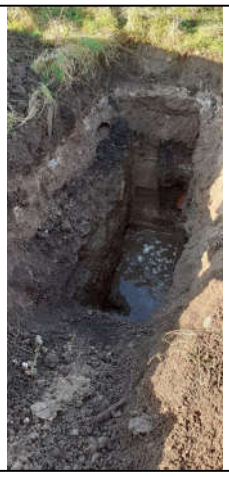
Trial Pit Log

TrialPit No: TP186
Sheet 1 of 1

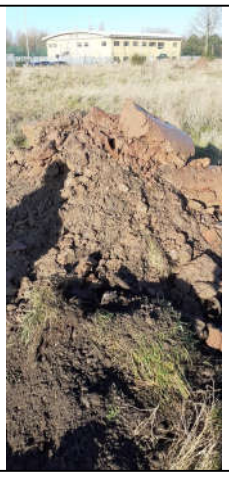
Project Name: Cherryfields	Project No. 15280	Co-ords: 340909.64 - 398578.62 Level: 26.07	Date 13/01/2022
Location: Kirkby		Dimensions (m): 2.50 x 1.00 Depth 2.00	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.60	ES		0.20	25.87		MADE GROUND: Dark brown slightly clayey gravelly fine to coarse sand with frequent rootlets. Gravel is of fine to coarse, angular to subrounded of brick and concrete.
							MADE GROUND: Dark brown slightly clayey gravelly fine to coarse sand with frequent rootlets. Gravel is of fine to coarse, angular to subrounded of brick, concrete glass, bottles, ash, metal, polystyrene, pipe, clinker and wood.
	1.40	HVP	94	1.20	24.87		MADE GROUND: Stiff reddish brown slightly sandy CLAY. Field drain encountered at 1.80 m bgl.
1.80	1.80	HVP	99	1.80	24.27		Stiff high strength reddish brown slightly sandy CLAY.
				2.00	24.07		End of Pit at 2.00m

Trial Pit Photographs



TP186



TP186 SPOIL

Remarks: 1. Complete. 2. Slow water ingress at 1.80 m bgl due to field drain encountered at 1.80 m bgl.

Stability: Stable

Trial Pit Log

			TrialPit No TP187 Sheet 1 of 1
Project Name: Cherryfields	Project No. 15280	Co-ords: 340979.08 - 398515.47 Level: 26.10	Date 13/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.80	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.30	25.80		MADE GROUND: Dark brown very gravelly fine to medium sand with rootlets. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick and ceramic. (Topsoil).
							MADE GROUND: Brownish black sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ash, ceramic and glass.
	1.00	HVP	76	1.00	25.10		Stiff high strength brown slightly gravelly sandy CLAY with lens of fine to coarse sand at 1.00 m bgl. Gravel is fine to coarse sub angular to sub rounded of mudstone and sandstone.
▼ 1.40							
	1.80	HVP	75	1.80	24.30		Stiff high strength greyish red slightly sandy CLAY. Circa 2.10 m bgl becomes firm medium strength.
	2.10	HVP	62				
				2.80	23.30		End of Pit at 2.80m

1 2 3 4

Trial Pit Photographs



TP187



TP187 SPOIL

Remarks: 1. Complete. 2. Slow water seepage at 1.40 m bgl.

Stability: Stable

Trial Pit Log

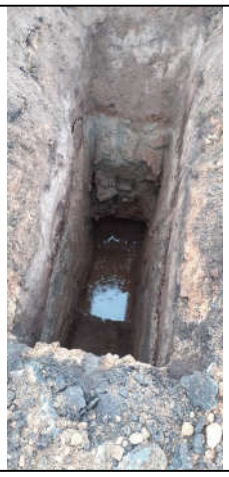
TrialPit No: TP188
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341340.61 - 398522.08 Level: 25.70	Date 24/01/2022
Location: Kirkby		Dimensions (m): 2.80 × 0.65 Depth 3.45	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.05	25.65		MADE GROUND: Asphalt
	0.20	ES		0.30	25.40		MADE GROUND: Brown very sandy gravel. Gravel is fine to coarse angular to subrounded of sandstone and brick.
				0.85	24.85		Light brownish grey slightly gravelly fine to medium SAND. Gravel is fine to coarse, angular to subrounded of sandstone.
	1.00	HVP	81				Stiff high strength brown slightly gravelly sandy CLAY. Circa 1.50 m bgl becomes firm medium strength.
	1.50	HVP	72				
	2.00	HVP	72				
	2.50	HVP	69				
▼ 3.00				2.90	22.80		Brown slightly gravelly fine to medium SAND. Gravel is fine to medium, angular to rounded of sandstone.
				3.45	22.25		End of Pit at 3.45m

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Trial Pit Photographs



TP188



TP188 SPOIL

Remarks: 1. Complete. 2. Slow water ingress at 3.00 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP189
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340977.10 - 398638.28 Level: 26.10	Date 13/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.30	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.30	25.80		MADE GROUND: Brown gravelly fine to medium sand with rootlets. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
				1.00	25.10		MADE GROUND: Brown very gravelly fine to medium sand with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick and glass. Cobbles are sub angular to sub rounded of brick.
	1.80	B		2.30	23.80		Greyish brown slightly gravelly slightly clayey fine to medium SAND. Gravel is fine to coarse sub angular to sub rounded of mudstone and sandstone.
							End of Pit at 2.30m

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Trial Pit Photographs



TP189



TP189 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP190
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341325.85 - 398501.25 Level: 25.94	Date 24/01/2022
Location: Kirkby		Dimensions (m): 2.20 x 0.60 Depth 3.20	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.15	25.78		MADE GROUND: Concrete with rebar.
	0.30	ES		0.50	25.44		MADE GROUND: Dark brownish black very gravelly fine to medium sand. Gravel is fine to coarse, angular to subrounded of brick, sandstone, glass, bottles, metal, pipe, ash, clinker and wood.
				1.10	24.84		Dark brown slightly gravelly fine to medium SAND.
	1.50	HVP	74				Firm medium strength brown slightly gravelly sandy CLAY. Gravel is fine to medium sub rounded of mudstone. Circa 2.00 m bgl becomes stiff high strength.
	2.00	HVP	76				
	2.50	HVP	82				
				3.20	22.74		End of Pit at 3.20m

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Trial Pit Photographs



TP190 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP191
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340950.91 - 398623.41 Level: 26.33	Date 13/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.10	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.30	26.02		MADE GROUND: Brown gravelly fine to medium sand with rootlets. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
▼ 0.80	0.70 0.70	ES HVP	73	0.70	25.62		MADE GROUND: Brown very gravelly fine to medium sand with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick and glass. Cobbles are sub angular to sub rounded of brick.
	1.30	HVP	84				Firm medium strength brown slightly gravelly sandy CLAY. Gravel is fine to coarse sub angular to sub rounded of mudstone and sandstone. Becoming stiff high strength at 1.30 m bgl.
	2.00	HVP	75	2.10	24.22		End of Pit at 2.10m

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Trial Pit Photographs



TP191



TP191 SPOIL

Remarks: 1. Complete. 2. Slow water seepage at 0.8 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP192 East
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341323.97 - 398477.53 Level: 25.88	Date 24/01/2022
Location: Kirkby	Dimensions (m): Depth 0.80	2.50 / 0.60	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20	25.68		MADE GROUND: Concrete
				0.21	25.67		MADE GROUND: Geomembrane
	0.50	ES					MADE GROUND: Reddish brown sandy gravel with frequent cobbles. Gravel is fine to coarse angular to subrounded of brick. Cobbles are sub angular of brick.
				0.60	25.28		MADE GROUND: Concrete with rebar.
				0.80	25.08		End of Pit at 0.80m

Remarks: 1. Terminated due to refusal on concrete obstruction at 0.80 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP192 West
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341323.97 - 398477.53 Level: 25.88	Date 24/01/2022
Location: Kirkby	Dimensions (m): Depth 0.80	2.50 / 0.60	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20	25.68		MADE GROUND: Concrete
				0.21	25.67		MADE GROUND: Geomembrane
							MADE GROUND: Reddish brown sandy gravel with frequent cobbles. Gravel is fine to coarse angular to subrounded of brick. Cobbles are sub angular of brick.
				0.60	25.28		MADE GROUND: Brownish black gravelly fine to medium sand. Gravel is fine to coarse sub angular to sub rounded of brick.
				0.80	25.08		End of Pit at 0.80m

Remarks: 1. Terminated due to refusal on concrete obstruction at 0.80 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP193
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340938.23 - 398639.36 Level: 26.15	Date 13/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 1.50	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.25	25.90		MADE GROUND: Brown gravelly fine to medium sand with rootlets. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
	0.50 0.50	B ES					MADE GROUND: Brown very gravelly fine to medium sand with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick and glass. Cobbles are sub angular to sub rounded of brick.
▼ 1.00				1.00	25.15		MADE GROUND: Brown sandy gravel with frequent cobbles. Gravel is fine to coarse sub angular to sub rounded of mudstone and sandstone. Cobbles are sub angular to sub rounded of sandstone and brick.
				1.50	24.65		End of Pit at 1.50m

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Trial Pit Photographs



TP193



TP193 SPOIL

Remarks: 1. Terminated due to instability and fast water ingress 2. Water strike at 1.00 m bgl (perched water within Made Ground).

Stability: Unstable

Trial Pit Log

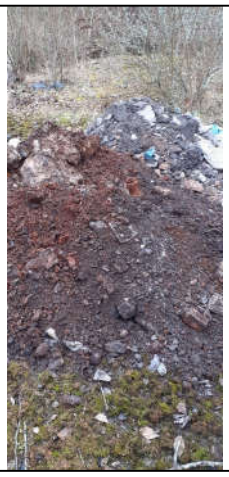
TrialPit No: TP194
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341319.50 - 398443.95 Level: 25.97	Date 24/01/2022
Location: Kirkby		Dimensions (m): 2.80 × 0.60 Depth 3.30	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.15	25.82		MADE GROUND: Concrete
				0.16	25.81		MADE GROUND: Geomembrane
				0.60	25.37		MADE GROUND: Reddish black very sandy gravel. Gravel is fine to coarse angular to subrounded of brick, clinker, glass, metal, ash and pipe.
	0.80	ES					MADE GROUND: Black very sandy gravel. Gravel is fine to coarse angular to subrounded of brick, clinker, glass, bottles, metal, ash, pipe and concrete
				1.10	24.87		Stiff high strength slightly gravelly sandy CLAY. Gravel is fine to medium sub angular to sub rounded of sandstone. Circa 2.20 m bgl becomes firm medium strength.
	1.30	HVP	84				
	1.80	HVP	82				
	2.20	HVP	72				
	2.80	HVP	53				
	3.20	HVP	53				
				3.30	22.67		End of Pit at 3.30m

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Trial Pit Photographs



TP194 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

			TrialPit No TP195 Sheet 1 of 1
Project Name: Cherryfields	Project No. 15280	Co-ords: 340917.03 - 398651.92 Level: 26.09	Date 13/01/2022
Location: Kirkby		Dimensions (m): 2.00 × 0.60 Depth 0.80	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.30	25.79		MADE GROUND: Brown slightly clayey very gravelly fine to medium sand with rootlets. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, plastic and ceramic. (Topsoil).
				0.80	25.29		MADE GROUND: Brown very gravelly fine to medium sand with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ceramic, plastic and metal. Cobbles are sub angular of brick.
							End of Pit at 0.80m

Trial Pit Photographs



TP195



TP195 SPOIL

Remarks: 1. Terminated as electrical cable encountered at 0.60 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP196
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341340.87 - 398436.20 Level: 25.89	Date 24/01/2022
Location: Kirkby		Dimensions (m): 2.30 x 0.60, Depth 3.00	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.20	ES		0.15	25.74		MADE GROUND: Asphalt
							MADE GROUND: Dark grey very gravelly fine to medium sand. Gravel is fine to coarse, angular to subrounded of brick, concrete and sandstone
				0.70	25.19		Brown slightly gravelly fine to medium SAND.
▼ 1.10	1.10	ES		1.10	24.79		Stiff high strength brown slightly gravelly sandy CLAY. Gravel is fine to coarse subrounded to rounded of sandstone. Circa 2.50 m bgl becomes firm medium strength.
	1.50	HVP	76				
	2.00	HVP	76				
	2.50	HVP	72				
				2.80	23.09		Brown fine to medium SAND.
				3.00	22.89		End of Pit at 3.00m

Trial Pit Photographs



TP196



TP196 SPOIL

Remarks: 1. Complete. 2. Slow water ingress at 1.10 m bgl (seepage).

Stability: Stable

Trial Pit Log

TrialPit No: TP197
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340950.03 - 398660.82 Level: 25.67	Date 13/01/2022
Location: Kirkby	Dimensions (m): Depth 1.80	2.00 × 0.60	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10	25.57		MADE GROUND: Asphalt.
							MADE GROUND: Concrete.
				0.50	25.17		Light brown fine to medium SAND.
	0.80	ES					
				1.10	24.57		Light brown mottled grey clayey fine to medium SAND.
				1.20	24.47		Soft grey sandy CLAY.
				1.80	23.87		End of Pit at 1.80m

Trial Pit Photographs



TP197



TP197 SPOIL

Remarks: 1. Complete. 2. Unable to complete HSV test in clay due to high sand content.

Stability: Stable

Trial Pit Log

TrialPit No: TP198
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341289.79 - 398479.71 Level: 26.02	Date 24/01/2022
Location: Kirkby		Dimensions (m): 2.60 x 0.60 Depth 3.20	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.20	ES					MADE GROUND: Dark grey slightly gravelly fine to medium sand with frequent rootlets. Gravel is fine subrounded of brick. (Topsoil)
				1.20	24.82		
	1.50	HVP	85				Stiff high strength brown sandy CLAY. Circa 2.00 m bgl becomes firm medium strength.
	2.00	HVP	75				
	2.50	HVP	66				
▼ 3.00				3.00	23.02		Brown slightly clayey fine to medium SAND
				3.20	22.82		End of Pit at 3.20m

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Trial Pit Photographs



TP198



TP198 SPOIL

Remarks: 1. Complete. 2. Slow water ingress at 3.0 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP199
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340907.68 - 398614.56 Level: 26.20	Date 13/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 1.20	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.15	26.05		MADE GROUND: Brown slightly clayey gravelly fine to medium sand with rootlets. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone. (Topsoil).
				0.30	25.90		MADE GROUND: Grey slightly clayey slightly sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone and concrete.
▼ 1.00							MADE GROUND: Soft greyish brown very sandy clay with pocket of gravel at 0.50 to 1.00 m bgl. Gravel is fine to coarse angular to sub angular of ceramic.
				1.20	25.00		End of Pit at 1.20m

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Trial Pit Photographs



TP199



TP199 SPOIL

Remarks: 1. Terminated as land drain encountered at 1.00 m bgl. 2. Fast water ingress at 1.00 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP1100
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341311.78 - 398103.69 Level: 25.09	Date 25/01/2022
Location: Kirkby		Dimensions (m): 2.80 x 0.60 Depth 2.80	Scale 1:30
Client: BDW Trading			Logged N.Gregory

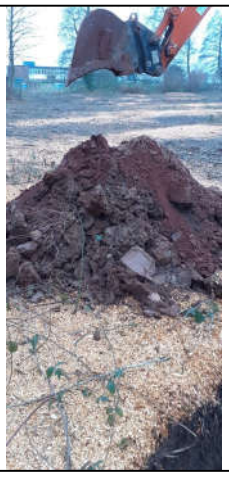
Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES					MADE GROUND: Dark grey slightly gravelly fine to coarse sand with frequent rootlets and wood. Gravel is fine to coarse angular to subrounded of brick (Topsoil)
	0.50	HVP	62	0.50	24.59		Firm medium strength brown gravelly sandy CLAY. Gravel is fine to medium sub rounded of mudstone and sandstone.
	1.00	HVP	72				
	1.50	HVP	72				
▼ 2.00				2.00	23.09		Reddish brown slightly gravelly clayey fine to medium SAND. Gravel is fine to medium subrounded to rounded of sandstone. (Weathered bedrock).
				2.80	22.29		End of Pit at 2.80m

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Trial Pit Photographs



TP1100



TP1100 SPOIL

Remarks: 1. Complete. 2. Slow water ingress at 2.0 m bgl (seepage).

Stability: Stable

Trial Pit Log

TrialPit No: TP1101
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340932.69 - 398616.63 Level: 26.38	Date 13/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.30	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.20	26.18		MADE GROUND: Brown slightly clayey gravelly fine to medium sand with rootlets. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick and ceramic. (Topsoil).
							MADE GROUND: Brown very gravelly fine to medium sand with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick and glass. Cobbles are sub angular to sub rounded of brick.
0.90	0.90	ES		0.90	25.48		MADE GROUND: Black sandy gravel. Gravel is fine to coarse angular to sub rounded of timber, ash, textiles and plastic. Very strong hydrogen sulphide odour (buried bag).
	1.30	ES		1.30	25.08		Light brown slightly clayey fine to medium SAND.
				2.30	24.08		End of Pit at 2.30m

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Trial Pit Photographs



TP1101



TP1101 SPOIL

Remarks: 1. Complete. 2. Perched water at 0.90 m bgl. 3. Very strong hydrogen sulphide odour at 0.90 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP1102/ SA111
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341328.38 - 398136.33 Level: 24.82	Date 25/01/2022
Location: Kirkby		Dimensions (m): 2.90 × 0.60 Depth 2.50	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.40	24.42		MADE GROUND: Dark grey slightly gravelly fine to medium sand with frequent rootlets, wood and cobbles. Gravel is fine to coarse angular to subrounded of brick. Cobbles are sub angular of brick. (Topsoil).
	0.50	HVP	59				Firm medium strength brown gravelly sandy CLAY. Gravel is fine to medium sub rounded of mudstone and sandstone.
	0.80	ES					
	1.00	HVP	63				
	1.50	HVP	64	1.50	23.32		Reddish brown slightly gravelly clayey fine to medium SAND. Gravel is fine to medium, subrounded to rounded of sandstone. (Weathered bedrock).
				2.50	22.32		End of Pit at 2.50m

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Trial Pit Photographs



TP1102



TP1102 SPOIL

Remarks: 1. Complete. 2. Soakaway test complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP1103
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340959.41 - 398602.24 Level: 26.30	Date 13/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 2.00	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.20	26.10		MADE GROUND: Brown slightly clayey gravelly fine to medium sand with rootlets. Gravel is fine to coarse sub angular to sub rounded of mudstone, sandstone, brick and glass. (Topsoil).
				0.30	26.00		MADE GROUND: Brown very gravelly fine to medium sand with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick and glass. Cobbles are sub angular to sub rounded of brick.
	0.80	B		0.40	25.90		MADE GROUND: Concrete.
							Soft brownish grey very sandy CLAY.
	1.20	HVP	76	1.00	25.30		Stiff high strength brown sandy CLAY. Becoming firm medium strength at 1.50 m bgl.
	1.50	HVP	63				
				2.00	24.30		End of Pit at 2.00m

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Trial Pit Photographs



TP1103 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP1104
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341303.64 - 398148.44 Level: 24.92	Date 25/01/2022
Location: Kirkby		Dimensions (m): 2.80 × 0.60 Depth 3.00	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.50	ES					MADE GROUND: Dark grey gravelly very sandy clay with frequent rootlets, wood and cobbles. Gravel is fine to coarse angular to subrounded of brick. Cobbles are sub angular of brick. (Topsoil)
	0.80	B					
	1.00	HVP	49	1.00	23.92		Firm medium strength brown gravelly sandy CLAY. Gravel is fine to medium sub rounded of mudstone and sandstone.
				1.30	23.62		Reddish brown slightly clayey gravelly fine to medium SAND. Gravel is fine to medium, subrounded to rounded of sandstone. (Weathered bedrock).
				3.00	21.92		End of Pit at 3.00m

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Trial Pit Photographs



TP1104



TP1104 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP1105A
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340888.38 - 398601.24 Level: 25.96	Date 24/01/2022
Location: Kirkby		Dimensions (m): Depth 1.40 — 2.50 × 1.20	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.40	25.56		MADE GROUND: Brown slightly gravelly very sandy clay with rootlets. Gravel is fine to medium sub angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
				0.60	25.36		MADE GROUND: Greyish red gravelly fine to medium sand. Gravel is fine to coarse angular to sub rounded of sandstone and brick.
				1.40	24.56		MADE GROUND: Greyish brown slightly gravelly very sandy clay. Gravel is fine to medium sub angular to sub rounded of mudstone.
							End of Pit at 1.40m

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Trial Pit Photographs



TP1105A



TP1105A SPOIL

Remarks: 1.Terminated due to land drain encountered on side of pit at 1.40 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP1105B/SA108
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340893.12 - 398609.28 Level: 26.27	Date 24/01/2022
Location: Kirkby		Dimensions (m): 2.90 x 1.20 Depth 2.40	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.40	25.87		MADE GROUND: Brown slightly clayey gravelly fine to medium sand with rootlets. Gravel is fine to medium sub angular to sub rounded of brick. (Topsoil).
				0.90	25.37		Light brown gravelly fine to medium sand with cobbles. Gravel is fine to coarse angular to sub rounded of sandstone, brick and concrete. Cobbles are sub angular of concrete.
	1.40	HVP	60	1.40	24.87		Reddish light brown slightly clayey fine to medium SAND.
	2.00	HVP	88	2.40	23.87		Firm medium strength greyish red sandy CLAY. Becoming stiff high strength at 2.00 m bgl.
							End of Pit at 2.40m

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Trial Pit Photographs



TP1105B



TP1105B SPOIL

Remarks: 1. Complete. 2. Soakaway test completed.

Stability: Stable

Trial Pit Log

TrialPit No: TP1106
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341318.04 - 398161.55 Level: 25.25	Date 25/01/2022
Location: Kirkby		Dimensions (m): 2.50 × 0.60 Depth 3.00	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.35	24.90		MADE GROUND: Dark grey gravelly very sandy clay with frequent rootlets, wood and cobbles. Gravel is fine to coarse angular to subrounded of brick. Cobbles are sub angular of brick. (Topsoil)
	0.50	HVP	59				Firm medium strength brown gravelly sandy CLAY. Gravel is fine to medium sub rounded of mudstone and sandstone.
	1.00	HVP	57				
	1.50	HVP	60	1.50	23.75		Brown slightly gravelly clayey fine to medium SAND. Gravel is fine to medium sub rounded of sandstone.
▼ 2.00				2.30	22.95		Reddish brown slightly clayey gravelly fine to medium SAND. Gravel is fine to coarse subrounded to rounded of sandstone. (Weathered bedrock).
				3.00	22.25		End of Pit at 3.00m

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Trial Pit Photographs



TP1106



TP1106 SPOIL

Remarks: 1. Complete. 2. Slow water ingress at 2.0 m bgl (seepage).

Stability: Stable

Trial Pit Log

TrialPit No TP1107/ SA109
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340939.92 - 398576.81 Level: 26.37	Date 24/01/2022
Location: Kirkby		Dimensions (m): 2.10 x 1.20 Depth 2.20	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.30	26.07		MADE GROUND: Brown slightly clayey gravelly fine to medium sand with rootlets. Gravel is fine to medium sub angular to sub rounded of brick. (Topsoil).
	0.60	ES		0.70	25.67		MADE GROUND: Red gravelly fine to medium sand. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick and ceramic.
				0.90	25.47		MADE GROUND: Very stiff black slightly gravelly slightly sandy clay. Gravel is fine of ash
	1.20	HVP	50	1.20	25.17		Greyish brown slightly clayey fine to medium SAND.
	1.60	HVP	119				Firm medium strength greyish red slightly sandy CLAY. Becoming stiff high strength at 1.60 m bgl.
	2.00	HVP	103				
				2.20	24.17		End of Pit at 2.20m

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Trial Pit Photographs



TP1107



TP1107 SPOIL

Remarks: 1. Complete. 2. Soakaway test completed.

Stability: Stable

Trial Pit Log

TrialPit No: TP1108
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341272.90 - 398169.30 Level: 24.83	Date 25/01/2022
Location: Kirkby		Dimensions (m): 2.80 × 0.60 Depth 2.60	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.25	24.58		MADE GROUND: Dark grey sandy clay with frequent rootlets. (Topsoil)
				0.30	24.53		MADE GROUND: Brown slightly gravelly sandy clay. Gravel is fine to medium sub rounded of mudstone.
				0.60	24.23		Firm medium strength brown slightly gravelly sandy CLAY. Gravel is fine to medium sub rounded of mudstone.
	1.00	HVP	51				Firm medium strength brown sandy CLAY.
	1.20	B		1.20	23.63		Reddish brown slightly gravelly fine to medium SAND. Gravel is fine to coarse subrounded to rounded of sandstone. (Weathered bedrock).
	1.20	ES					
				2.60	22.23		End of Pit at 2.60m

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Trial Pit Photographs



TP1108



TP1108 SPOIL

Remarks: 1. Complete. 2. Redundant water pipe encountered at 0.30 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP1109
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341230.40 - 398254.87 Level: 24.83	Date 24/01/2022
Location: Kirkby		Dimensions (m): 2.50 x 1.20 Depth 2.90	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.40	24.43		MADE GROUND: Dark brown gravelly sandy clay with rootlets. Gravel is fine to medium sub angular to sub round of mudstone and sandstone. (Topsoil).
				1.30	23.53		MADE GROUND: Dark brown very gravelly fine to medium sand with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick and ceramic. Cobbles are sub angular to sub rounded of sandstone.
				2.30	22.53		Greyish brown very sandy CLAY.
	2.50 2.50	B HVP	114	2.90	21.93		Stiff high strength red sandy CLAY. End of Pit at 2.90m

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Trial Pit Photographs



TP1109



TP1109 SPOIL

Remarks: 1. Complete. 2. Clay at 1.30 to 2.30 m bgl too sandy to complete hand shear vane test.

Stability: Stable

Trial Pit Log

			TrialPit No TP1110 Sheet 1 of 1
Project Name: Cherryfields	Project No. 15280	Co-ords: 341279.40 - 398203.38 Level: 24.92	Date 25/01/2022
Location: Kirkby		Dimensions (m): 2.80 / 0.60 / Depth 3.00	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.30	ES		0.30	24.62		Brown slightly gravelly clayey SAND with frequent rootlets. Gravel is fine sub rounded of mudstone. (TOPSOIL)
				0.40	24.52		Firm reddish brown sandy CLAY.
				0.80	24.12		Dark grey slightly gravelly clayey fine to medium SAND with occasional cobbles. Gravel is fine to coarse subrounded to rounded of sandstone. Cobbles are sub rounded of sandstone.
	1.00	HVP	53				Firm medium strength reddish brown slightly gravelly sandy CLAY. Gravel is fine to coarse subrounded to rounded of sandstone
	1.50	HVP	56				
	2.00	HVP	62				
				2.50	22.42		Reddish brown gravelly fine to medium SAND. Gravel is fine to coarse subrounded to rounded of sandstone. (Weathered bedrock).
				3.00	21.92		End of Pit at 3.00m

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Trial Pit Photographs



TP1110



TP1110 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP1111
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341234.83 - 398234.67 Level: 24.93	Date 24/01/2022
Location: Kirkby		Dimensions (m): 2.50 x 1.20 Depth 2.70	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20	24.73		MADE GROUND: Dark brown slightly gravelly very sandy CLAY with rootlets. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone. (Topsoil).
	0.80	ES					MADE GROUND: Brown sightly clayey gravelly fine to medium sand with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ceramic and concrete. Cobbles are sub angular of concrete.
				1.00	23.93		
	1.20	HVP	112				Stiff high strength reddish brown mottled grey slightly gravelly sandy CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone. Circa. 1.80 m bgl becomes firm medium strength. Circa. 2.50 m bgl becomes stiff high strength.
	1.80	HVP	56				
	2.50	HVP	119				
				2.70	22.23		End of Pit at 2.70m

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Trial Pit Photographs



TP1111



TP1111 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP1112
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341321.69 - 398208.32 Level: 24.60	Date 25/01/2022
Location: Kirkby		Dimensions (m): 3.20 × 0.60 Depth 3.00	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.15	24.45		MADE GROUND: Dark grey clayey medium to coarse sand with frequent rootlets. (Topsoil)
				0.40	24.20		MADE GROUND: Dark grey slightly gravelly clayey fine to medium sand. Gravel is fine to coarse subrounded to rounded of sandstone and brick.
	0.50	HVP	55				Firm medium strength yellowish brown sandy CLAY.
	1.00	ES					
	1.00	HVP	56				
				1.25	23.35		Reddish brown gravelly fine to medium SAND. Gravel is fine to coarse, subrounded to rounded of sandstone. (Weathered bedrock).
				3.00	21.60		End of Pit at 3.00m

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Trial Pit Photographs



TP1112



TP1112 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP1113
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341142.09 - 398118.84 Level: 23.89	Date 24/01/2022
Location: Kirkby		Dimensions (m): 2.50 x 1.20 Depth 2.50	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.40	23.49		MADE GROUND: Dark brown very gravelly fine to medium sand with rootlets. Gravel is fine to coarse angular to sub rounded of mudstone and brick. (Topsoil).
	0.70	HVP	77	1.20	22.69		Stiff high strength light brown mottled grey sandy CLAY.
				2.50	21.39		Red fine to medium SAND. (Weathered bedrock).
							End of Pit at 2.50m

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Trial Pit Photographs



TP1113



TP1113 SPOIL

Remarks: 1. Complete

Stability: Stable

Trial Pit Log

TrialPit No: TP1114
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341355.06 - 398196.51 Level: 24.69	Date 25/01/2022
Location: Kirkby		Dimensions (m): 3.50 x 0.60 Depth 2.80	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.35	24.34		MADE GROUND: Dark grey slightly sandy gravelly clay with frequent rootlets and cobbles. Gravel is fine to coarse angular to subrounded of brick. Cobbles are sub angular of brick. (Topsoil)
	0.50	HVP	58				Firm medium strength brown slightly gravelly slightly sandy CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
	1.00	HVP	62				
	1.50	HVP	61				
	2.00	HVP	61				
▼ 2.60	2.50	HVP	60	2.80	21.89		End of Pit at 2.80m

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Trial Pit Photographs



TP1114



TP1114 SPOIL

Remarks: 1. Complete. 2. Slow water ingress at 2.6 m bgl (seepage).

Stability: Stable

Trial Pit Log

TrialPit No: TP1115
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341218.37 - 398121.03 Level: 24.42	Date 24/01/2022
Location: Kirkby		Dimensions (m): Depth 2.70 — 2.50 × 1.20	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.30	24.12		MADE GROUND: Brown slightly clayey fine to medium sand with rootlets and roots. (Topsoil).
▼ 0.60							MADE GROUND: Brown gravelly fine to medium sand with cobbles. Gravel is fine to coarse angular to sub rounded of sandstone, brick, plastic and concrete. Cobbles are sub angular of brick.
				1.20	23.22		Firm medium strength brown mottled grey sandy CLAY.
	1.50 1.50	ES HVP	59	1.60	22.82		Red gravelly fine to medium SAND. Gravel is fine to medium sub angular to sub rounded of mudstone. (Weathered bedrock).
				2.70	21.72		End of Pit at 2.70m

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Trial Pit Photographs



TP1115



TP1115 SPOIL

Remarks: 1. Complete. 2. Water strike at 0.60 m bgl.

Stability: Stable

Trial Pit Log

			TrialPit No TP1116 Sheet 1 of 1
Project Name: Cherryfields	Project No. 15280	Co-ords: 341370.91 - 398253.82 Level: 24.31	Date 25/01/2022
Location: Kirkby		Dimensions (m): 3.00 x 0.65 Depth 2.50	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.15	ES		0.10 0.20	24.21 24.11		MADE GROUND: Dark grey gravelly fine to medium sand with frequent rootlets. Gravel is fine to coarse angular to subrounded of brick and clinker. (Topsoil)
							MADE GROUND: Black sandy gravel. Gravel is fine to medium angular to subrounded gravel of ash and brick
0.60				0.60	23.71		Light brown slightly gravelly fine to medium SAND. Gravel is fine to coarse, angular to subrounded of sandstone.
	0.80	HVP	41				Firm medium strength brown slightly gravelly slightly sandy CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone. Circa 1.70 m bgl becomes soft low strength.
	1.30	HVP	49				
1.70	1.70	HVP	37	1.70	22.61		Brown slightly gravelly clayey fine to medium SAND. Gravel is fine to medium sub rounded of sandstone.
				2.50	21.81		End of Pit at 2.50m

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Trial Pit Photographs



TP1116



TP1116 SPOIL

Remarks: 1. Complete. 2. Perched water encountered at 0.60 bgl 3. Slow water ingress at 1.7 m bgl due to running sand present at 1.70m bgl

Stability: Unstable within sand

Trial Pit Log

TrialPit No: TP1117
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341266.89 - 398087.47 Level: 24.23	Date 24/01/2022
Location: Kirkby		Dimensions (m): 2.50 x 1.20 Depth 2.40	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.40	ES		0.20	24.03		MADE GROUND: Brown slightly gravelly sandy clay with rootlets. Gravel is fine to medium sub angular to sub rounded of mudstone. (Topsoil).
	0.80	HVP	75	0.80	23.43		MADE GROUND: Reddish light brown gravelly sandy clay with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone and brick. Cobbles are sub angular of brick.
	1.10	HVP	84	1.20	23.03		Stiff high strength reddish grey slightly gravelly sandy CLAY. Gravel is fine to coarse sub angular to sub rounded of mudstone.
	1.50	B		2.40	21.83		Red fine to medium SAND. (Weathered bedrock).
							End of Pit at 2.40m

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Trial Pit Photographs



TP1117



TP1117 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP1118
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341352.64 - 398257.28	Date 25/01/2022
Location: Kirkby		Dimensions (m): 2.80 x 0.60	Scale 1:30
Client: BDW Trading		Depth 2.80	Logged N.Gregory

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10	24.12		MADE GROUND: Dark grey slightly clayey fine to medium sand with frequent rootlets. (Topsoil)
				0.15	24.07		MADE GROUND: Reddish brown sandy gravel with frequent cobbles. Gravel is fine to coarse angular to subrounded of brick. Cobbles are sub angular of brick.
				0.35	23.87		MADE GROUND: Dark grey slightly clayey gravelly fine to medium sand. Gravel is fine to coarse, angular to subrounded of brick.
	0.70	ES					MADE GROUND: Dark grey slightly clayey gravelly fine to medium sand. Gravel is fine to coarse, angular to subrounded of brick.
	0.80	HVP	57	0.80	23.42		Firm medium strength brown slightly gravelly slightly sandy CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
	1.50	HVP	62				
	2.00	HVP	64				
	2.50	HVP	62				
				2.80	21.42		End of Pit at 2.80m

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Trial Pit Photographs



TP1118



TP1118 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP1119
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341289.43 - 398062.46 Level: 24.43	Date 24/01/2022
Location: Kirkby		Dimensions (m): 2.50 x 1.20 Depth 2.60	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.20	24.23		MADE GROUND: Brown gravelly sandy clay with rootlets and roots. Gravel is fine to medium sub angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
				0.80	23.63		MADE GROUND: Light brown slightly clayey gravelly fine to medium sand with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick and concrete. Cobbles are sub angular of brick.
	1.00 1.00	B HVP	61				Firm medium strength reddish light brown very sandy CLAY.
	1.50	HVP	44				
▼ 1.80				1.70	22.73		Red fine to medium SAND. (Weathered bedrock).
				2.60	21.83		End of Pit at 2.60m

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Trial Pit Photographs



TP1119



TP1119 SPOIL

Remarks: 1. Complete. 2. Water strike at 1.80 m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP1120
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341298.14 - 398252.44 Level: 24.41	Date 25/01/2022
Location: Kirkby		Dimensions (m): 2.80 × 0.60 Depth 2.50	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.10 0.15 0.30 0.40	24.31 24.26 24.11 24.01		MADE GROUND: Dark brown slightly clayey gravelly sand with frequent rootlets. Gravel is fine to coarse angular to subrounded of brick (Topsoil) MADE GROUND: Orangish brown fine to medium sand. MADE GROUND: Dark brown sandy gravel with cobbles. Gravel is fine to coarse angular to subrounded of brick, mudstone and plastic. Cobbles are sub angular of brick. MADE GROUND: Concrete Yellowish light brown fine to medium SAND
	1.50	HVP	50	1.40	23.01		Firm medium strength slightly sandy CLAY. Circa 2.50 m bgl becomes stiff high strength.
	2.00	HVP	64				
	2.50	HVP	86	2.50	21.91		End of Pit at 2.50m

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Trial Pit Photographs



TP1120



TP1120 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP1121
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341310.57 - 398043.69 Level: 24.90	Date 24/01/2022
Location: Kirkby		Dimensions (m): 2.50 x 1.20 Depth 3.00	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES					Dark brown slightly clayey fine to medium SAND with rootlets. (Topsoil).
				0.70	24.20		
	1.00	HVP	67				Firm medium strength reddish brown sandy CLAY. Becoming stiff high strength circa. 1.50 m bgl.
	1.50	HVP	77				
				1.80	23.10		Red fine to medium SAND. (Weathered bedrock).
				3.00	21.90		End of Pit at 3.00m

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Trial Pit Photographs



TP1121



TP1121 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP1122
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341287.91 - 398258.01 Level: 24.41	Date 25/01/2022
Location: Kirkby		Dimensions (m): 2.80 x 0.60 Depth 2.90	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.20	ES		0.15	24.26		MADE GROUND: Reddish brown gravelly fine to medium sand with frequent rootlets. Gravel is fine to coarse subangular to subrounded of brick and mudstone. (Topsoil)
				0.50	23.91		MADE GROUND: Dark brown gravelly fine to medium sand with cobbles. Gravel is fine to coarse angular to subrounded of brick, concrete, clinker and plastic. Cobbles are angular to sub angular of brick and concrete. Orangish brown fine to medium SAND.
	1.60	HVP	80	1.60	22.81		Firm medium strength reddish brown slightly sandy CLAY.
	2.00	HVP	68				
	2.40	HVP	45	2.40	22.01		Firm medium strength reddish brown sandy CLAY.
▼ 2.80				2.90	21.51		End of Pit at 2.90m

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Trial Pit Photographs



TP1122



TP1122 SPOIL

Remarks: 1. Complete. 2. Slow water ingress at 2.8 m bgl (seepage). 3. Unable to complete HSV 2.40-2.90 m bgl due to high sand content in clay.

Stability: Stable

Trial Pit Log

TrialPit No: TP1123
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341327.02 - 398069.92 Level: 25.04	Date 24/01/2022
Location: Kirkby		Dimensions (m): 2.50 x 1.20 Depth 2.60	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.30	24.74		MADE GROUND: Brown slightly gravelly sandy clay with rootlets. Gravel is fine to medium sub angular to sub rounded of mudstone and brick. (Topsoil).
				0.90	24.14		MADE GROUND: Brown gravelly very sandy clay. Gravel is fine to coarse sub angular to sub rounded of mudstone and brick.
	1.00	ES		1.20	23.84		MADE GROUND: Very stiff black slightly gravelly clay. Gravel is sub angular of ash and brick.
▼ 2.00	2.00	ES		2.00	23.04		MADE GROUND: Very soft dark grey very sandy clay.
				2.60	22.44		Very soft dark grey very sandy CLAY.
							End of Pit at 2.60m

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Trial Pit Photographs



TP1123



TP1123 SPOIL

Remarks: 1. Terminated due to land drain encountered at 2.00 m bgl. 3. Clay at 1.20 m to 2.60 m bgl too sandy to complete hand shear vane test.

Stability: Stable

Trial Pit Log

			TrialPit No TP1124 Sheet 1 of 1
Project Name: Cherryfields	Project No. 15280	Co-ords: 341281.56 - 398245.04 Level: 24.59	Date 25/01/2022
Location: Kirkby		Dimensions (m): 2.80 x 0.60 Depth 3.20	Scale 1:30
Client: BDW Trading			Logged N.Gregory

Water Strike	Samples & In Situ Testing Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10	24.49		MADE GROUND: Dark grey slightly clayey gravelly fine to medium sand with frequent rootlets and wood. Gravel is fine to coarse subangular to subrounded of brick. (Topsoil)
				0.15	24.44		MADE GROUND: Red gravel. Gravel is fine to coarse angular to subrounded of brick.
▼ 0.70	0.80	HVP	45	0.70	23.89		Dark grey slightly gravelly clayey fine to medium SAND. Gravel is fine to medium sub rounded of sandstone.
	1.20	ES					Firm medium strength brown slightly gravelly sandy CLAY
▼ 1.70				1.70	22.89		Light grey slightly clayey gravelly fine to medium SAND. Gravel is fine to coarse subangular to subrounded of sandstone.
				2.20	22.39		Red gravelly fine to medium SAND. Gravel is fine to coarse subrounded to rounded of sandstone.
				3.20	21.39		End of Pit at 3.20m

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Trial Pit Photographs



TP1124



TP1124 SPOIL

Remarks: 1. Complete. 2. perched water encountered at 0.70 bgl 3. Slow water ingress at 1.7 m bgl.

Stability: Slightly unstable

Trial Pit Log

TrialPit No: TP1125
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341277.98 - 398115.45 Level: 24.53	Date 24/01/2022
Location: Kirkby		Dimensions (m): 2.50 x 1.20 Depth 2.70	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.10	24.43		MADE GROUND: Brownish black sandy gravel with woodchips. Gravel is fine to coarse sub angular to sub rounded of mudstone, sandstone, brick and ceramic. (Topsoil).
				0.30	24.23		MADE GROUND: MADE GROUND: Brick layer. Recovered and sub rounded cobble of brick.
				0.70	23.83		MADE GROUND: Black sandy gravel. Gravel is fine to coarse sub angular to sub rounded of mudstone, sandstone, brick, ash and concrete.
	0.80	HVP	91				Stiff high strength reddish brown slightly sandy CLAY.
	1.20	HVP	75				
				1.40	23.13		Red fine to medium SAND.
				2.70	21.83		End of Pit at 2.70m

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Trial Pit Photographs



TP1125



TP1125 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP1126
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341077.53 - 398293.89 Level: 24.00	Date 25/01/2022
Location: Kirkby		Dimensions (m): 2.80 x 0.60 Depth 2.80	Scale 1:30
Client: BDW Trading			Logged J.Beer

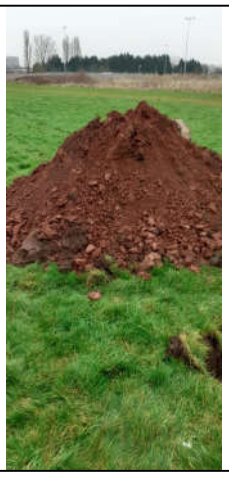
Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.30	23.70		MADE GROUND: Brown clayey fine to medium sand with frequent rootlets. (Topsoil)
				0.90	23.10		MADE GROUND: Firm reddish brown gravelly sandy clay. Gravel is fine to coarse, angular to subrounded of mudstone, brick and glass.
	1.50	HVP	53	1.50	22.50		MADE GROUND: Firm black slightly gravelly sandy clay. Gravel is fine sub angular to sub rounded of ash.
				2.00	22.00		Firm medium strength reddish brown sandy CLAY.
				2.80	21.20		Reddish brown clayey fine to medium SAND. (Weathered bedrock).
							End of Pit at 2.80m

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Trial Pit Photographs



TP1126



TP1126 SPOIL

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No TP1127/ SA110
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341234.50 - 398146.26 Level: 24.58	Date 24/01/2022
Location: Kirkby		Dimensions (m): 2.20 x 1.20 Depth 2.20	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.30 0.30	B ES		0.10	24.48		MADE GROUND: Brownish black sandy gravel with woodchips. Gravel is fine to coarse sub angular to sub rounded of mudstone, sandstone, brick and ceramic. (Topsoil).
				0.40	24.18		MADE GROUND: Dark brown slightly clayey gravelly fine to medium sand. Gravel is fine to coarse sub angular to sub rounded of mudstone, sandstone and brick.
	0.80	HVP	56				Firm medium strength greyish light brown sandy CLAY.
	1.30	HVP	94	1.20	23.38		Stiff high strength red slightly sandy CLAY.
				1.50	23.08		Red fine to medium SAND. (Weathered bedrock).
				2.20	22.38		End of Pit at 2.20m

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Trial Pit Photographs



TP1127



TP1127 SPOIL

Remarks: 1. Complete. 2. Soakaway test completed.

Stability: Stable

Trial Pit Log

TrialPit No: TP1128
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341030.99 - 398320.74 Level: 23.72	Date 25/01/2022
Location: Kirkby		Dimensions (m): 2.80 × 0.60 Depth 3.00	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10	23.62		MADE GROUND: Brown gravelly very sandy clay with frequent rootlets. Gravel is fine to medium subrounded of brick. (Topsoil)
	0.50	ES		0.50	23.22		MADE GROUND: Greyish brown gravelly fine to medium sand. Gravel is fine to coarse, angular to subrounded of mudstone, brick and ceramic.
							MADE GROUND: Black sandy gravel with cobbles. Gravel is fine to coarse, angular to subrounded of mudstone, ash, brick, glass, ceramic, metal, clinker and plastic. Cobbles are angular to subangular of brick. Strong hydrocarbon odour at 0.80 m bgl.
	1.80	HVP	55	1.80	21.92		Firm medium strength brownish grey sandy CLAY.
				2.30	21.42		Firm reddish brown sandy CLAY.
				2.70	21.02		Reddish brown clayey fine to medium SAND. (Weathered bedrock).
				3.00	20.72		End of Pit at 3.00m

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Trial Pit Photographs



TP1128



TP1128 SPOIL

Remarks: 1. Complete. 2. Very strong hydrocarbon odour at 0.80m bgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP1130
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341008.48 - 398329.46 Level: 23.54	Date 25/01/2022
Location: Kirkby		Dimensions (m): 2.80 × 0.60 Depth 3.00	Scale 1:30
Client: BDW Trading			Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10	23.44		MADE GROUND: Brown slightly gravelly sandy clay with frequent rootlets. Gravel is fine to medium subrounded of brick. (Topsoil)
				0.70	22.84		MADE GROUND: Orangish brown slightly clayey slightly gravelly fine to medium sand. Gravel is fine to coarse, angular to subrounded of mudstone, brick and ceramic.
	2.60	ES		2.50	21.04		MADE GROUND: Black sandy gravel with cobbles. Gravel is fine to coarse, angular to subrounded of mudstone, brick, ash, glass, ceramic, metal, clinker and plastic. Cobbles are angular to subangular of brick.
				3.00	20.54		Reddish brown very clayey fine to medium SAND. (Weathered bedrock).
							End of Pit at 3.00m

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Trial Pit Photographs



TP1130



TP1130 SPOIL

Remarks: 1. Complete.

Stability: Stable

Borehole Log

Borehole No. **WS101**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341120E - 398361N	Hole Type WS
Location:	Kirkby		Level:	24.56 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	10/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.10	24.56		MADE GROUND: Brown slightly gravelly clayey fine to medium sand with rootlets. Gravel is fine sub angular to sub rounded of mudstone. (Topsoil).
		0.50	ES					MADE GROUND: Black gravelly clayey fine to medium sand. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, ash, brick, ceramic and glass.
		1.00 1.00	D SPT	N=1 (1,1/0,0,0,1)				
					1.50	24.46		MADE GROUND: Black sandy gravel. Gravel is fine to coarse angular to sub angular of mudstone, ash, brick and clinker.
		2.00 2.00	D SPT	N=16 (2,3/3,4,4,5)	2.00	23.06		Medium dense orangish grey clayey fine to medium SAND.
					2.50	22.56		Firm reddish brown sandy CLAY.
		2.80	PP	29.43				
		3.00 3.00	D SPT	50 (3,3/50 for 295mm)	3.00	22.06		Dense red fine to medium SAND. (Weathered bedrock).
					3.30	21.56		End of Borehole at 3.30m

Remarks

1. Terminated due to refusal on weathered bedrock at 3.3 m bgl. 2. Monitoring well installed. Response zone 0.50 to 2.00 m bgl.

Borehole Log

Borehole No. **WS102**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	340896E - 398153N	Hole Type WS
Location:	Kirkby		Level:	23.51 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	10/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.15	23.51		MADE GROUND: Dark grey very sandy clay with frequent rootlets. (Topsoil)
					0.50	23.36		MADE GROUND: Firm brown sandy gravelly clay. Gravel is fine to coarse angular to sub rounded of brick, metal, ash, clinker and wood.
		0.80	ES					MADE GROUND: Firm brown slightly gravelly sandy clay. Gravel is fine, angular to subrounded of brick.
		1.00	D					
		1.00	SPT	N=4 (1,1/1,1,1,1)				
		2.00	D					
		2.00	SPT	N=7 (1,1/1,2,2,2)	2.20	23.01		MADE GROUND: Dark brown to black gravelly clay. Gravel fine to coarse, subrounded to rounded of clinker.
		3.00	D					
		3.00	SPT	N=12 (2,2/3,3,3,3)	3.10	21.31		Stiff medium strength reddish brown slightly sandy CLAY. Circa 4.00 m bgl becomes very stiff very high strength. (Weathered bedrock).
		4.00	D					
		4.00	SPT	N=50 (6,6/12,12,14,12)				
					4.45	20.41		End of Borehole at 4.45m

Remarks

1. Terminated due to refusal on weathered bedrock at 4.45 m bgl. 2. Monitoring well installed. Response zone 1.00 to 3.00 m bgl.

Borehole Log

Borehole No. **WS103**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341085E - 398343N	Hole Type WS
Location:	Kirkby		Level:	24.10 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	10/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.20	24.10		MADE GROUND: Brown sandy clay with rootlets. (Topsoil).
					0.60	23.90		MADE GROUND: Brown slightly gravelly sandy clay. Gravel is fine sub angular to sub rounded of mudstone and brick.
		0.80	ES					MADE GROUND: Black sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, brick, ash, glass, ceramic and plastic.
		1.00	SPT	N=18 (1,2/5,5,4,4)				
					1.70	23.50		MADE GROUND: Light brown mottled black gravelly clayey fine to medium sand. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
		2.00	SPT	N=1 (0,0/0,0,0,1)				
					2.50	22.40		Very soft extremely low strength light brown gravelly sandy CLAY with timber. Gravel is fine to coarse angular to sub rounded of mudstone.
		3.00	D					
		3.00	SPT	N=0 (0,0/0,0,0,0)				
					3.50	21.60		Reddish brown sandy CLAY.
		4.00	D		4.00	20.60		Loose dark brown fine to medium SAND.
		4.00	SPT	N=5 (1,1/1,1,1,2)				
					4.50	20.10		Brown slightly sandy CLAY.
		4.80	SPT	50 (25 for 70mm/50 for 70mm)	4.80	19.60		Dense red fine to medium SAND. (Weathered bedrock).
					4.94	19.30		End of Borehole at 4.94m

Remarks

1. Terminated due to refusal on weathered bedrock at 4.94 m bgl. 2. Collapse of well at 3.00 m bgl. 3. Monitoring well installed. Response zone 2.50 to 3.00 m bgl.

Borehole Log

Borehole No. **WS104**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	340878E - 398118N	Hole Type WS
Location:	Kirkby		Level:	20.78 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	10/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.20	20.78		MADE GROUND: Dark grey very sandy clay with frequent rootlets. (Topsoil)
		0.50	ES					MADE GROUND: Brown slightly gravelly clay. Gravel is fine to coarse, angular to subrounded of brick.
		1.00	SPT	N=9 (2,2/2,2,3,2)				
					1.50	20.58		Dense brown very clayey fine to medium SAND.
		2.00	SPT	50 (9,10/50 for 230mm)				
					2.38	19.28		End of Borehole at 2.38m

Remarks

1. Terminated due to refusal on weathered bedrock at 2.38 m bgl.

Borehole Log

Borehole No. **WS105**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341034E - 398385N	Hole Type WS
Location:	Kirkby		Level:	23.96 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	10/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.20	23.96		MADE GROUND: Brown clayey fine to medium sand with rootlets. (Topsoil).
					0.30	23.76		MADE GROUND: Grey gravel. Gravel is fine sub angular to sub rounded of limestone.
					0.50	23.66		MADE GROUND: Brown gravelly sandy clay. Gravel is fine to coarse angular to sub rounded of mudstone, brick and plastic.
		1.00	D					MADE GROUND: Black sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ash, ceramic and glass.
		1.00	SPT	N=5 (1,1/0,2,2,1)				
		1.50	ES					
		1.80	PP	36.79	1.70	23.46		Soft very low strength reddish brown slightly gravelly CLAY. Gravel is fine sub angular to sub rounded of mudstone.
	2.20	2.00	D					
		2.00	SPT	N=4 (1,2/1,1,1,1)				
					2.70	22.26		Dense red fine to medium SAND.
		3.00	D					
		3.00	SPT	50 (6,10/50 for 140mm)				
					3.29	21.26		End of Borehole at 3.29m

Remarks

1. Terminated due to refusal on weathered bedrock at 3.29 m bgl. 2. Monitoring well installed. Response zone 0.50 to 2.50 m bgl. 3. Water strike at 2.20 m bgl.

Borehole Log

Borehole No. **WS106**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	340909E - 398206N	Hole Type WS
Location:	Kirkby		Level:	24.41 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	10/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.20	24.41		MADE GROUND: Dark grey clayey fine to medium sand with frequent rootlets. (Topsoil)
		0.50	ES					MADE GROUND: Brown gravelly sandy clay. Gravel is fine to coarse, angular to subrounded of brick.
		1.00	SPT	N=8 (2,2/2,2,2,2)				
		2.00	SPT	N=11 (1,2/3,3,3,2)				
					2.50	24.21		Stiff, medium strength brown sandy CLAY.
		3.00	U					
		3.00	SPT	N=13 (3,3/3,3,3,4)				
		3.80	SPT	50 (10,11/50 for 155mm)	3.70	21.91		Dense brown clayey fine to medium SAND.
					4.11	20.71		End of Borehole at 4.11m

Remarks

1. Terminated due to refusal on dense sand at 4.11 m bgl. 2. Monitoring well installed. Response zone 1.00 to 3.00 m bgl.

Borehole Log

			Borehole No.	**WS107**
				Sheet 1 of 1
Project Name:	Cherryfields	Project No. 15280	Co-ords: 340994E - 398415N	Hole Type WS
Location:	Kirkby		Level: 24.11 m AOD	Scale 1:50
Client:	BDW Trading		Dates: 10/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.20	24.11		MADE GROUND: Brown very sandy clay with rootlets. (Topsoil).
		0.50	ES					MADE GROUND: Soft brown slightly gravelly sandy clay. Gravel is fine sub angular to sub rounded of mudstone and brick.
		0.80	PP	44.14	0.70	23.91		Stiff medium strength reddish brown slightly gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
		1.00	D					
		1.00	SPT	N=11 (1,2/3,2,3,3)				
		1.50	PP	22.07				
					1.60	23.41		Dense red fine to medium SAND.
		2.00	D					
		2.00	SPT	50 (6,7/50 for 290mm)				
					2.44	22.51		End of Borehole at 2.44m

Remarks

1. Terminated due to refusal on weathered bedrock at 2.44 m bgl.

Borehole Log

Borehole No. **WS108**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	340907E - 398264N	Hole Type WS
Location:	Kirkby		Level:	23.22 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	10/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.25	23.22		MADE GROUND: Dark grey sandy clay with frequent rootlets (Topsoil).
		1.00 1.00 1.20	D SPT ES	N=20 (2,3/6,4,5,5)				MADE GROUND: Brownish black gravelly sandy clay. Gravel is fine to coarse, angular to subrounded of brick, ash and clinker.
	2.20	2.00 2.00	D SPT	N=0 (1,1/0,0,0,0)				
		2.80 2.80	D SPT	50 (25 for 75mm/50 for 30mm)	2.91	22.98		End of Borehole at 2.91m

Remarks

1. Terminated due to refusal within Made Ground at 2.91 m bgl. 2. Monitoring well installed. Response zone 0.80 to 2.80 m bgl. 3. Slow water strike at 2.20 m bgl.

Borehole Log

Borehole No. **WS109**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	340985E - 398349N	Hole Type WS
Location:	Kirkby		Level:	23.38 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	10/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.20	23.38		MADE GROUND: Brown very sandy clay with rootlets. (Topsoil).
		0.80	PP	29.43				MADE GROUND: Reddish brown gravelly sandy clay. Gravel is fine to coarse sub angular to sub rounded of mudstone, sandstone and brick.
		1.00	SPT	N=6 (1,1/1,1,2,2)	1.00	23.18		MADE GROUND: Brownish black slightly clayey sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ash, glass and ceramic. Becoming very loose at 2.00 m bgl.
		2.00	SPT	N=1 (0,0/1,0,0,0)				
		3.00	SPT	N=4 (1,1/1,1,1,1)				
	4.00	4.00	SPT	N=1 (1,1/0,1,0,0)				
					4.50	22.38		Medium dense reddish brown slightly clayey fine to medium SAND.
		5.00	D					
		5.00	SPT	N=18 (2,4/4,4,5,5)				
					5.45	18.88		End of Borehole at 5.45m

Remarks

1. Complete. 2. Water strike at 4.00 m bgl (perched water within Made Ground).

Borehole Log

Borehole No. **WS110**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	340947E - 398296N	Hole Type WS
Location:	Kirkby		Level:	23.03 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	10/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.25	23.03		MADE GROUND: Dark grey sandy CLAY with frequent rootlets. (Topsoil)
		1.00 1.00 1.20	D SPT ES	N=23 (1,2/6,5,5,7)	1.25	22.78		Brown slightly gravelly sandy CLAY. Gravel is fine to coarse, subrounded to rounded of sandstone.
		2.00	SPT	50 (6,9/50 for 230mm)				Medium dense reddish brown silty fine to medium SAND. Circa 2.00 m bgl becomes dense.
					2.38	21.78		End of Borehole at 2.38m

Remarks

1. Terminated due to refusal on weathered bedrock at 2.38 m bgl. 2. Monitoring well installed. Response zone 1.00 to 2.00 m bgl.

Borehole Log

			Borehole No.	**WS111**
				Sheet 1 of 1
Project Name:	Cherryfields	Project No. 15280	Co-ords:	340945E - 398377N
				Hole Type WS
Location:	Kirkby		Level:	23.13 m AOD
				Scale 1:50
Client:	BDW Trading		Dates:	10/01/2022
				Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.15	23.13		MADE GROUND: Brown sandy clay with rootlets. (Topsoil).
					0.60	22.98		MADE GROUND: Reddish brown clayey gravelly fine to medium sand. Gravel is fine to coarse angular to sub rounded of mudstone, brick, ceramic and glass.
		1.00	SPT	N=6 (1,1/1,1,2,2)				MADE GROUND: Black clayey sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, ash, sandstone, brick, ceramic, glass and metal. Poor recovery 0.60-2.00 m bgl.
		2.00	SPT	N=5 (2,2/1,1,2,1)				
		2.50	ES					
		3.00	SPT	N=23 (4,6/6,5,6,6)				
		4.00	SPT	N=4 (1,1/1,1,1,1)				
		5.00	SPT	N=19 (4,4/4,5,5,5)				
					5.45	22.53		End of Borehole at 5.45m

Remarks

1. Complete. 2. Monitoring well installed. Response zone 0.50 to 3.00 m bgl.

Borehole Log

Borehole No. **WS112**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341008E - 398278N	Hole Type WS
Location:	Kirkby		Level:	23.26 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	10/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.50	ES		0.40	23.26		MADE GROUND: Dark grey slightly gravelly clayey medium to coarse sand with frequent rootlets. Gravel is fine to coarse, angular to subrounded of ash and clinker. (Topsoil)
		1.00 1.00	D SPT	N=4 (1,1/1,1,1,1)				MADE GROUND: Black very gravelly clay. Gravel is fine to coarse, angular to subrounded of brick, ash and clinker.
		2.00 2.00	D SPT	N=12 (4,4/3,4,2,3)	1.80	22.86		Stiff medium strength dark brown sandy CLAY.
		3.00	SPT	50 (8,13/50 for 160mm)	2.30	21.46		Dense reddish brown clayey fine to medium SAND
					3.10	20.96		End of Borehole at 3.10m

Remarks

1. Terminated due to refusal on dense SAND at 3.1 m bgl.

Borehole Log

Borehole No. **WS113**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	340970E - 398462N	Hole Type WS
Location:	Kirkby		Level:	24.43 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	11/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.15	24.43		Brown slightly sandy CLAY with rootlets. (TOPSOIL).
		0.50	PP	53.96				Stiff medium strength brownish red slightly gravelly CLAY. Gravel is fine sub rounded of mudstone.
		1.00	D					
		1.00	SPT	N=12 (2,3/2,4,3,3)				
		1.50	U					
		2.00	D		2.00	24.28		Dense red fine to medium SAND.
		2.00	SPT	50 (3,4/50 for 290mm)				
					2.44	22.43		End of Borehole at 2.44m

Remarks

1. Terminated due to refusal on weathered bedrock at 2.44 m bgl. 2. Monitoring well installed. Response zone 1.00 m to 2.00 m bgl.

Borehole Log

Borehole No. **WS114**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341056E - 398257N	Hole Type WS
Location:	Kirkby		Level:	23.53 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	10/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.20	23.53		MADE GROUND: Dark grey sandy clay with frequent rootlets. (Topsoil)
		0.50	ES					Brown sandy CLAY.
		1.00	SPT	N=15 (2,2/3,3,4,5)	1.10	23.33		Medium dense reddish brown clayey fine to medium SAND. Circa 2.00 m bgl becomes dense.
		2.00	SPT	50 (8,7/50 for 160mm)				
					2.31	22.43		End of Borehole at 2.31m

Remarks

1. Terminated due to refusal on dense sand at 2.31 m bgl. 2. Monitoring well installed. Response zone 1.00 to 2.00 m bgl.

Borehole Log

Borehole No. **WS115**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341056E - 398438N	Hole Type WS
Location:	Kirkby		Level:	24.65 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	11/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.50	U		0.50	24.65		Brown sandy CLAY with rootlets. (Topsoil).
		1.00	D		1.00	24.15		Firm reddish brown slightly gravelly CLAY. Gravel is fine sub rounded of mudstone.
		1.00	SPT	N=8 (2,2/2,2,2,2)				
		1.20	PP	17.17				Stiff medium strength brown silty CLAY.
		1.50	ES					
		2.00	SPT	50 (5,8/50 for 235mm)	2.00	23.65		Dense red fine to medium SAND.
					2.39	22.65		End of Borehole at 2.39m

Remarks

1. Terminated due to refusal on weathered bedrock at 2.39 m bgl. 2. Monitoring well installed. Response zone 1.00 m to 2.00 m bgl.

Borehole Log

Borehole No. **WS116**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341078E - 398297N	Hole Type WS
Location:	Kirkby		Level:	24.08 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	11/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.30	24.08		MADE GROUND: Dark grey slightly gravelly clayey fine to medium sand with frequent rootlets. Gravel is fine to coarse, angular to subrounded of brick. (Topsoil)
		0.50	U					Firm medium strength light brown sandy CLAY.
	▼ 1.00	1.00	SPT	N=25 (2,3/4,8,8,5)	1.00	23.78		Medium dense reddish brown clayey fine to medium SAND. Circa 2.00 m bgl becomes dense.
		2.00	SPT	N=50 (4,5/12,13,14,11)				
					2.45	23.08		End of Borehole at 2.45m

1 2 3 4 5 6 7 8 9 10

Remarks

1. Terminated due to refusal on dense sand at 2.45 m bgl. 2. Slow water ingress at 1.00 m bgl (seepage).

Borehole Log

Borehole No. **WS117**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341129E - 398422N	Hole Type WS
Location:	Kirkby		Level:	24.89 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	11/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.20	24.89		MADE GROUND: Brown slightly gravelly sandy clay with rootlets. Gravel is fine sub angular to sub rounded of mudstone, sandstone and brick (Topsoil).
		0.80	PP	90.74				Very stiff high strength reddish brown mottled grey slightly gravelly CLAY. Gravel is fine to coarse sub angular to sub rounded of mudstone and sandstone.
		1.00	D					
		1.00	SPT	N=16 (3,3/4,4,4,4)	1.40	24.69		Stiff medium strength reddish brown slightly gravelly silty CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
	2.00	2.00	D					
		2.00	SPT	N=16 (2,3/3,4,4,5)				
		2.20	PP	22.07				
					2.50	23.49		Firm slightly sandy gravelly CLAY. Gravel is fine to coarse sub angular to sub rounded of mudstone and sandstone.
					2.80	22.39		Dense red fine to medium SAND.
		3.00	SPT	50 (10,10/50 for 280mm)				
					3.43	22.09		End of Borehole at 3.43m

Remarks

1. Terminated due to refusal on weathered bedrock at 3.43 m bgl. 2. Monitoring well installed. Response zone 1.00 m to 2.50 m bgl. 3. Water strike at 2.00 m bgl.

Borehole Log

Borehole No. **WS118**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341093E - 398266N	Hole Type WS
Location:	Kirkby		Level:	23.94 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	11/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.20	23.94		MADE GROUND: Dark grey sandy clay with frequent rootlets. (Topsoil)
		0.60	ES		0.70	23.74		MADE GROUND: Brown slightly sandy slightly gravelly clay. Gravel is fine to coarse, angular to subrounded of brick.
		1.00	SPT	N=8 (1,1/2,2,2,2)				Stiff medium strength reddish brown slightly sandy CLAY. Circa 2.00m bgl becomes very stiff very high strength.
		2.00	SPT	50 (2,3/50 for 155mm)				
					2.31	23.24		End of Borehole at 2.31m

Remarks

1. Terminated due to refusal on very stiff, high strength clay at 2.31 m bgl. 2. Monitoring well installed. Response zone 1.00 to 2.00 m bgl.

Borehole Log

Borehole No. **WS119**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341199E - 398416N	Hole Type WS
Location:	Kirkby		Level:	26.02 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	11/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.10	ES		0.20	26.02		MADE GROUND: Brown slightly gravelly sandy clay with rootlets. Gravel is fine sub angular to sub rounded of mudstone, sandstone and brick (Topsoil).
		1.00 1.00	D SPT	N=17 (3,4/4,5,4,4)	1.00	25.82		MADE GROUND: Reddish brown gravelly clay. Gravel is fine to coarse sub angular to sub rounded of mudstone, sandstone and brick. (Poor recovery 0.70-1.00 m bgl).
		2.00 2.00	D SPT	N=25 (3,5/5,7,6,7)				Very stiff high strength reddish brown slightly gravelly silty CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
	2.80	2.50	PP	34.34				
		3.00 3.00	D SPT	N=16 (2,3/3,4,4,5)	2.80 3.00	25.02 23.22		Brown slightly clayey fine to medium SAND. Stiff medium strength brown silty CLAY.
		4.00 4.00	D SPT	50 (3,5/50 for 290mm)	4.00 4.44	23.02 22.02		Dense reddish brown fine to medium SAND. (Weathered bedrock). End of Borehole at 4.44m

Remarks

1. Terminated due to refusal on weathered bedrock at 4.44 m bgl. 2. Monitoring well installed. Response zone 0.50 m to 3.50 m bgl.

Borehole Log

Borehole No. **WS120**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341116E - 398222N	Hole Type WS
Location:	Kirkby		Level:	23.74 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	11/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES		0.30	23.74		MADE GROUND: Dark grey slightly clayey medium to coarse sand with frequent rootlets. (Topsoil)
					0.50	23.44		MADE GROUND: Brown slightly gravelly clay. Gravel is fine to coarse, angular to subrounded of brick.
		1.00	SPT	N=10 (1,1/2,2,2,4)				Reddish brown clayey fine to medium SAND.
		2.00	SPT	N=50 (18,7/10,12,13,15)				
					2.45	23.24		End of Borehole at 2.45m

1 2 3 4 5 6 7 8 9 10

Remarks

1. Terminated due to refusal on dense sand at 2.45 m bgl. 2. Monitoring well installed. Response zone 1.00 to 2.00 m bgl.

Borehole Log

Borehole No. **WS121**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341147E - 398466N	Hole Type WS
Location:	Kirkby		Level:	26.39 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	11/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.20	26.39		MADE GROUND: Dark brown clayey fine to medium sand with rootlets. (Topsoil).
					0.50	26.19		MADE GROUND: Dark brown clayey gravelly fine to medium sand. Gravel is fine to medium sub angular to sub rounded of mudstone, sandstone and brick.
		0.80	ES					MADE GROUND: Black slightly clayey sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, ash, brick, ceramic and glass.
		1.00	SPT	N=1 (0,1/0,1,0,0)				
					1.60	25.89		Very stiff high strength reddish grey slightly gravelly silty CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
		2.00	D					
		2.00	SPT	N=17 (1,2/3,4,4,6)				
					2.80	24.79		Dense red fine to medium SAND.
		3.00	SPT	50 (5,6/50 for 280mm)				
					3.43	23.59		End of Borehole at 3.43m

Remarks

1. Terminated due to refusal on weathered bedrock at 3.43 m bgl. 2. Monitoring well installed. Response zone 0.50 m to 1.50 m bgl.

Borehole Log

Borehole No. **WS122**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341158E - 398245N	Hole Type WS
Location:	Kirkby		Level:	24.45 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	11/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.30	24.45		MADE GROUND: Dark grey gravelly clayey fine to coarse sand with frequent rootlets. Gravel is fine to coarse, angular to subrounded of ash and clinker. (Topsoil)
		0.50	ES					MADE GROUND: Brown slightly gravelly sandy clay. Gravel is fine, angular to subrounded of brick.
		1.00	D		1.00	24.15		Firm low strength reddish brown sandy CLAY. (Becoming very stiff, very high strength at 2.00m bgl)
		1.00	SPT	N=7 (2,2/1,2,2,2)				
		2.00	D					
		2.00	SPT	N=50 (4,4/10,12,15,13)				
					2.45	23.45		End of Borehole at 2.45m

1 2 3 4 5 6 7 8 9 10

Remarks

1. Terminated due to refusal on very stiff, high strength clay at 2.305 m bgl. 2. Monitoring well installed. Response zone 0.50 to 1.50 m bgl.

Borehole Log

Borehole No. **WS123**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341082E - 398509N	Hole Type WS
Location:	Kirkby		Level:	26.53 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	11/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.20	26.53		MADE GROUND: Dark brown clayey fine to medium sand with rootlets. (Topsoil).
					0.60	26.33		MADE GROUND: Dark brown clayey gravelly fine to medium sand. Gravel is fine to medium sub angular to sub rounded of mudstone, sandstone and brick.
		1.00 1.00	D SPT	N=0 (1,1/0,0,0,0)				MADE GROUND: Very loose black slightly clayey sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ash, ceramic and glass.
		1.60	ES		1.50	25.93		Stiff medium strength brownish red mottled grey slightly sandy silty CLAY.
		2.00 2.00	D SPT	N=12 (2,2/2,3,3,4)				
		3.00	SPT	50 (4,4/50 for 290mm)	2.60	25.03		Dense red fine to medium SAND.
					3.44	23.93		End of Borehole at 3.44m

1 2 3 4 5 6 7 8 9 10

Remarks

1. Terminated due to refusal on weathered bedrock at 3.44 m bgl. 2. Monitoring well installed. Response zone 0.50 m to 3.00 m bgl.

Borehole Log

Borehole No. **WS124**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	340883E - 398506N	Hole Type WS
Location:	Kirkby		Level:	25.97 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	11/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.30	25.97		MADE GROUND: Dark grey sandy clay with frequent rootlets. (Topsoil)
		1.00	SPT	N=7 (1,1/1,2,2,2)	1.10	25.67		MADE GROUND: Brown slightly gravelly sandy clay. Gravel is fine to coarse, angular to subrounded of brick, ash and clinker.
					1.30	24.87		MADE GROUND: Dark grey slightly gravelly clayey fine to medium sand. Gravel is fine to coarse, angular to subrounded of brick, ash and clinker.
					1.70	24.67		MADE GROUND: Reddish brown slightly gravelly clayey fine to medium sand. Gravel is fine to coarse, angular to subrounded of brick, ash and clinker.
		1.90	ES					MADE GROUND: Black slightly gravelly slightly clayey fine to medium sand (ashy). Gravel is fine of ash.
		2.00	SPT	N=8 (1,1/1,2,2,3)	2.30	24.27		MADE GROUND: Grey slightly gravelly clayey fine to medium sand. Gravel is fine to coarse, angular to subrounded of brick and ash.
		3.00	D					
		3.00	SPT	N=11 (3,4/5,2,2,2)	3.20	23.67		MADE GROUND: Reddish brown slightly gravelly sandy clay. Gravel is fine, angular to subrounded of brick.
		4.00	D					
		4.00	SPT	50 (25 for 75mm/50 for 30mm)	4.10	22.77		End of Borehole at 4.10m

Remarks

1. Terminated due to refusal within Made Ground at 4.10 m bgl. 2. Monitoring well installed. Response zone 1.00 to 4.00 m bgl.

Borehole Log

Borehole No. **WS125**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341252E - 398460N	Hole Type WS
Location:	Kirkby		Level:	25.92 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	12/01/2022	Logged By H.Mason

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.10	25.92		MADE GROUND: Dark brown slightly sandy clay with frequent rootlets. (Topsoil).
		0.30	ES					MADE GROUND: Dark brown clayey gravel. Gravel is fine to coarse sub angular to sub rounded of sandstone, brick, ash, glass and ceramic.
		1.00	D		1.00	25.82		Stiff medium strength brown mottled grey slightly gravelly slightly sandy CLAY. Gravel is fine to medium sub angular to sub rounded of sandstone.
		1.00	ES					
		1.00	SPT	N=12 (1,2/2,3,4,3)				
		2.00	D		2.00	24.92		Very stiff high strength brown sandy CLAY. Becoming very stiff very high strength at 2.50 m bgl.
		2.00	ES					
		2.00	SPT	N=18 (2,2/3,5,5,5)				
		2.50	D					
		2.50	SPT	N=50 (7,9/13,13,13,11)				
					2.95	23.92		End of Borehole at 2.95m

Remarks

1. Terminated due to refusal on weathered bedrock at 2.95 m bgl. 2. Monitoring well installed. Response zone 0.50 m to 1.00 m bgl.

Borehole Log

Borehole No. **WS126**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341136E - 398628N	Hole Type WS
Location:	Kirkby		Level:	23.56 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	11/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.30	ES		0.20	23.56		MADE GROUND: Dark brown slightly clayey fine to medium with frequent rootlets. (Topsoil)
					0.40	23.36		Brown slightly clayey fine to medium SAND.
					0.70	23.16		Brown slightly clayey fine to medium SAND with organic matter.
		1.00	SPT	N=10 (1,2/2,3,3,2)				Medium dense brown slightly clayey gravelly fine to medium SAND. Gravel is fine to medium, subrounded to rounded of sandstone. Circa 2.00 m bgl becomes dense.
		2.00	SPT	N=50 (4,7/10,13,16,11)				
					2.45	22.86		End of Borehole at 2.45m

Remarks

1. Terminated due to refusal on dense sand at 2.45 m bgl. 2. Monitoring well installed. Response zone 0.60 to 1.60 m bgl.

Borehole Log

Borehole No. **WS127**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341121E - 398512N	Hole Type WS
Location:	Kirkby		Level:	26.43 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	12/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.20	26.43		MADE GROUND: Dark brown slightly sandy clay with frequent rootlets. (Topsoil).
		0.60	ES					MADE GROUND: Dark brown slightly sandy clayey gravel. Gravel is fine to coarse sub angular to sub rounded of brick, sandstone, ash, metal and glass.
		1.00 1.00	D SPT	N=6 (0,1/0,1,2,3)	1.00	26.23		Firm low strength brown slightly sandy gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of sandstone. Becoming very stiff high strength at 2.00 m bgl.
		2.00 2.00	D SPT	N=18 (3,3/4,4,5,5)				
		3.00	SPT	N=17 (3,5/4,4,3,6)	3.00	25.43		Medium dense brown clayey fine to medium SAND.
		4.00	SPT	N=18 (2,2/4,4,4,6)				
					4.45	23.43		End of Borehole at 4.45m

Remarks

1. Terminated due to collapse of well at 4.00m to 3.50 bgl.

Borehole Log

Borehole No. **WS128**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341168E - 398571N	Hole Type WS
Location:	Kirkby		Level:	25.02 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	11/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.15	25.02		Dark brown clayey fine to medium SAND with frequent rootlets (Topsoil)
		0.80	ES					Stiff medium strength brown slightly gravelly sandy CLAY. Gravel is fine to coarse angular to rounded of sandstone. Circa 2.00 m bgl becomes firm low strength. Circa 3.00 m bgl becomes stiff medium strength. Circa 3.70 m bgl becomes very stiff very high strength.
		1.00 1.00	D SPT	N=8 (3,2/2,2,2,2)				
		1.50	PP	12.26				
		2.00 2.00	D SPT	N=7 (1,2/2,2,1,2)				
		3.00 3.00	D SPT	N=13 (2,2/3,2,3,5)				
		3.70 3.70	D SPT	50 (11,13/50 for 165mm)				
					4.02	24.87		End of Borehole at 4.02m

Remarks

1. Terminated due to refusal on gravelly clay at 4.02 m bgl. 2. Monitoring well installed. Response zone 1.00 to 3.00 m bgl.

Borehole Log

Borehole No. **WS129**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341057E - 398550N	Hole Type WS
Location:	Kirkby		Level:	26.33 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	12/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.20	26.33		MADE GROUND: Brown gravelly slightly clayey fine to medium sand with rootlets. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
		0.50	ES		0.60	26.13		MADE GROUND: Blackish brown sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, ash, brick and ceramic.
		1.00	D					Very stiff high strength grey very sandy CLAY with lenses of grey fine to medium sand. Becoming stiff medium strength at 2.00 m bgl.
		1.00	SPT	N=15 (1,3/3,4,4,4)				
		1.50	PP	36.79				
		2.00	D					
		2.00	SPT	N=16 (2,2/3,4,4,5)				
	2.50							
					2.80	25.73		Loose grey slightly clayey fine to medium SAND.
		3.00	SPT	N=10 (2,3/2,2,3,3)				
		4.00	SPT	N=22 (4,4/5,6,5,6)	4.00	23.53		Medium dense red fine to coarse SAND. (Weathered bedrock).
					4.45	22.33		End of Borehole at 4.45m

Remarks

1. Terminated due to collapse of well at 3.50 m bgl. 2. Monitoring well installed. Response zone 1.00 m to 3.50 m bgl. 3. Water strike at 2.50 m bgl.

Borehole Log

Borehole No. **WS130**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341176E - 398535N	Hole Type WS
Location:	Kirkby		Level:	25.33 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	12/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.20	25.33		MADE GROUND: Dark brown slightly clayey sandy gravel with frequent rootlets and cobbles. Gravel is fine to coarse, angular to subrounded of brick and sandstone. Cobbles are sub angular of brick. (Topsoil)
		0.50	ES		0.60	25.13		Orangish brownish grey slightly gravelly sandy CLAY. Gravel is fine to coarse, subrounded to rounded of sandstone.
		1.00	D		1.00	24.73		Brown slightly gravelly clayey fine to medium SAND with pockets of grey clay. Gravel is fine to coarse, subrounded to rounded of sandstone.
		1.00	SPT	N=7 (1,2/2,1,2,2)				Firm low strength reddish brown slightly gravelly CLAY. Gravel is fine to medium, subrounded to rounded of sandstone.
		1.50	U					
		2.00	D					
		2.00	SPT	N=7 (1,1/1,2,2,2)	2.20	24.33		Firm low strength reddish brown slightly gravelly sandy CLAY. Gravel is fine to medium sub angular to sub rounded of sandstone. Circa 2.00m becomes stiff medium strength. Circa 3.50 m bgl becomes very stiff very high strength.
		3.00	D					
		3.00	SPT	N=14 (2,3/3,3,4,4)				
		3.50	D					
		3.50	SPT	50 (6,6/50 for 230mm)				
					3.88	23.13		End of Borehole at 3.88m

Remarks

1. Terminated due to refusal on very stiff, high strength CLAY at 3.88 m bgl. 2. Monitoring well installed. Response zone 1.00 to 3.00 m bgl.

Borehole Log

Borehole No. **WS131**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341010E - 398600N	Hole Type WS
Location:	Kirkby		Level:	26.13 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	12/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.20	26.13		Brown clayey fine to medium SAND with rootlets (Topsoil).
		0.50	PP	17.17				Very stiff high strength slightly gravelly sandy CLAY. Gravel is fine sub angular to sub rounded of mudstone and sandstone. Becoming very stiff very high strength at 2.00 m bgl.
		1.00	D					
		1.00	SPT	N=21 (3,4/4,6,5,6)				
		1.50	PP	88.29				
		2.00	D					
		2.00	SPT	50 (4,7/50 for 285mm)				
					2.44	25.93		End of Borehole at 2.44m

Remarks

1. Terminated due to refusal on weathered bedrock at 2.44 m bgl.

Borehole Log

Borehole No. **WS132**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341115E - 398572N	Hole Type WS
Location:	Kirkby		Level:	24.70 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	12/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.20	24.70		MADE GROUND: Dark brown slightly clayey fine to medium sand with frequent rootlets. (Topsoil)
		0.50 - 1.00	U					Reddish brown sandy CLAY.
		1.00 1.00 1.20	D SPT ES	N=8 (2,2/2,2,2,2)	1.00	24.50		Stiff, medium strength reddish brown slightly gravelly sandy CLAY. Gravel is fine to medium, subrounded to rounded of sandstone. Circa 3.80 m bgl becomes very stiff very high strength.
		2.00 2.00	D SPT	N=16 (2,3/3,4,4,5)				
		3.00 3.00	D SPT	N=16 (3,2/3,6,4,3)				
		3.80 3.80	D SPT	50 (9,12/50 for 155mm)	4.11	23.70		End of Borehole at 4.11m

Remarks

1. Terminated due to refusal on stiff, medium strength clay at 3.88 m bgl. 2. Monitoring well installed. Response zone 1.00 to 4.00 m bgl.

Borehole Log

Borehole No. **WS133**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341018E - 398509N	Hole Type WS
Location:	Kirkby		Level:	26.39 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	12/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.40	26.39		MADE GROUND: Brown gravelly slightly clayey fine to medium sand with rootlets. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick. (Topsoil).
		1.00	SPT	N=15 (3,3/3,4,3,5)				Medium dense brownish clayey fine to medium SAND.
		1.80	PP	36.79				
		2.00	D		2.00	25.99		Stiff medium strength grey sandy CLAY. (Poor recovery).
		2.00	SPT	N=12 (2,2/3,3,3,3)				
	3.00	3.00	D		3.00	24.39		Very stiff high strength reddish brown very sandy CLAY. (Poor recovery).
		3.00	SPT	N=18 (2,2/5,4,4,5)				
		3.90	SPT	50 (9,12/50 for 215mm)	4.00	23.39		Very dense red fine to medium SAND. (Weathered bedrock).
					4.27	22.39		End of Borehole at 4.27m

Remarks

1. Terminated due to refusal on weathered bedrock at 4.27 m bgl. 2. Monitoring well installed. Response zone 0.50 m to 3.90 m bgl. 3. Water strike at 3.00 m bgl.

Borehole Log

Borehole No. **WS134**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341071E - 398612N	Hole Type WS
Location:	Kirkby		Level:	24.43 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	12/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.20	24.43		MADE GROUND: Dark brown slightly gravelly clayey fine to medium sand with frequent rootlets. Gravel is fine to coarse, angular to rounded of brick. (Topsoil)
		0.50	ES					Stiff, medium strength brown slightly sandy gravelly CLAY. Gravel is fine to medium, subrounded to rounded of sandstone and mudstone.
		0.50	U					
		1.00	D					
		1.00	SPT	N=11 (3,2/2,2,3,4)				
					1.80	24.23		Very stiff high strength reddish brown sandy CLAY. Circa 3.00 m bgl becomes very stiff very high strength.
		2.00	D					
		2.00	SPT	N=18 (3,3/4,4,5,5)				
		3.00	D					
		3.00	SPT	N=50 (3,3/3,13,14,20)				
					3.45	22.63		End of Borehole at 3.45m

Remarks

1. Terminated due to refusal on very stiff, high strength CLAY at 3.45 m bgl.

Borehole Log

Borehole No. **WS135**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	340987E - 398559N	Hole Type WS
Location:	Kirkby		Level:	26.46 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	12/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.20	26.46		Brown slightly clayey fine to medium SAND with rootlets. (Topsoil).
		0.80	ES					Medium dense brownish grey slightly clayey fine to medium SAND.
		1.00	SPT	N=11 (1,3/3,2,3,3)				
					1.90	26.26		
		2.00	D					Grey sandy CLAY.
		2.00	SPT	N=21 (1,4/5,4,6,6)	2.20	24.56		Very stiff high strength grey sandy CLAY.
					2.70	24.26		Very stiff very high strength grey sandy CLAY.
		3.00	D					
		3.00	SPT	50 (4,5/50 for 280mm)				
					3.43	23.76		End of Borehole at 3.43m

Remarks

1. Terminated due to refusal on weathered bedrock at 3.43 m bgl. 2. Monitoring well installed. Response zone 0.50 m to 3.00 m bgl.

Borehole Log

Borehole No. **WS136**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341094E - 398601N	Hole Type WS
Location:	Kirkby		Level:	24.47 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	12/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.20	24.47		MADE GROUND: Dark brown slightly clayey fine to medium sand with frequent rootlets. (Topsoil)
		0.50	U					Stiff, medium strength brown slightly sandy CLAY.
		1.00	D					
		1.00	SPT	N=12 (1,2/3,3,3,3)				
		1.20	ES					
		1.50	U					
		2.00	D		2.00	24.27		
		2.00	SPT	N=15 (2,3/4,4,3,4)				Very stiff high strength reddish brown slightly gravelly sandy CLAY. Gravel is fine to medium, subrounded to rounded of sandstone. Circa 3.50 m bgl becomes very stiff very high strength.
		3.00	D					
		3.00	SPT	N=21 (2,3/4,5,6,6)				
	▼ 3.50	3.50	D					
		3.50	SPT	50 (25 for 75mm/50 for 30mm)	3.61	22.47		End of Borehole at 3.61m

Remarks

1. Terminated due to refusal on very stiff, high strength clay at 3.61 m bgl. 2. Monitoring well installed. Response zone 0.50 to 3.50 m bgl. 3. Slow water ingress at 3.50 m bgl (seepage).

Borehole Log

Borehole No. **WS137**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	340926E - 398547N	Hole Type WS
Location:	Kirkby		Level:	25.96 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	13/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.25	25.96		MADE GROUND: Brown gravelly sandy clay with rootlets. Gravel is fine to medium sub angular to sub rounded of brick, mudstone and sandstone. (Topsoil).
					0.70	25.71		MADE GROUND: Stiff brown gravelly sandy clay. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone and brick.
		0.80	ES					
		1.00	SPT	N=6 (2,1/2,1,1,2)	1.00	25.26		MADE GROUND: Black gravelly fine to medium sand. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ash, glass and ceramic.
					1.50	24.96		MADE GROUND: Black sandy gravel. Gravel is fine to coarse angular to sub rounded of brick, mudstone, sandstone and ceramic.
		1.80	PP	12.26				Firm low strength reddish brown very sandy CLAY.
		2.00	D					
		2.00	SPT	N=8 (1,1/2,1,2,3)				
					2.50	24.46		Dense red fine to medium SAND. (Weathered bedrock).
		3.00	SPT	50 (11,12/50 for 125mm)				
					3.28	23.46		End of Borehole at 3.28m

Remarks

1. Terminated due to refusal on weathered bedrock at 3.28 m bgl. 2. Monitoring well installed. Response zone 2.00 m to 3.00 m bgl.

Borehole Log

Borehole No. **WS138**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341023E - 398632N	Hole Type WS
Location:	Kirkby		Level:	24.93 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	12/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.50	ES					MADE GROUND: Dark brown slightly clayey sandy GRAVEL. Gravel is fine to medium, angular to subrounded of brick, sandstone and concrete.
		1.00 1.00	D SPT	N=7 (1,1/2,2,1,2)	1.00	24.93		Firm low strength brown slightly gravelly sandy CLAY. Gravel is fine to medium, angular to subrounded of sandstone.
		2.00	SPT	N=10 (2,2/2,2,3,3)	1.80	23.93		Loose brown slightly clayey fine to medium SAND.
		3.00	SPT	N=17 (3,3/4,4,4,5)	3.00	23.13		Medium dense brown fine to medium SAND.
		4.00	SPT	N=50 (3,4/3,10,15,22)	3.80	21.93		Dense brown reddish fine to medium SAND. (Weathered bedrock).
					4.45	21.13		End of Borehole at 4.45m

Remarks

1. Terminated due to refusal on dense sand at 4.45 m bgl. 2. Monitoring well installed. Response zone 1.00 to 4.00 m bgl.

Borehole Log

Borehole No. **WS139**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	340872E - 398565N	Hole Type WS
Location:	Kirkby		Level:	25.90 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	13/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.20	25.90		MADE GROUND: Brown slightly gravelly fine to medium sand with rootlets. Gravel is fine to coarse sub angular to sub rounded of mudstone, sandstone, brick. (Topsoil).
		1.00	SPT	N=22 (5,7/15,4,2,1)				MADE GROUND: Reddish brown sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ash, ceramic, glass and concrete.
					1.30	25.70		Stiff medium strength brown slightly gravelly slightly sandy CLAY. Gravel is fine sub angular to sub rounded of mudstone and sandstone.
		1.80	PP	12.26				
		2.00	D					
		2.00	SPT	N=13 (3,2/3,3,3,4)				
		2.50 - 3.00	U					
		3.00	SPT	50 (11,13/50 for 100mm)	3.00	24.60		Dense red fine to coarse SAND. (Weathered bedrock).
					3.25	22.90		End of Borehole at 3.25m

Remarks

1. Terminated due to refusal on weathered bedrock at 3.25 m bgl.

Borehole Log

Borehole No. **WS140**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341078E - 398639N	Hole Type WS
Location:	Kirkby		Level:	24.05 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	13/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.50	ES					MADE GROUND: Brown gravel. Gravel is fine to coarse angular to subrounded of concrete and brick.
		1.00	SPT	N=5 (1,1/1,2,1,1)	1.00	24.05		
		1.50	U		1.40	23.05		Loose brown slightly clayey gravelly fine to medium SAND. Gravel is fine to medium, subrounded to rounded of sandstone.
		2.00	D		2.00	22.65		Firm, low strength brown slightly gravelly slightly sandy CLAY. Gravel is fine to medium, subrounded to rounded of sandstone.
		2.00	SPT	N=8 (2,2/2,2,2,2)				
					2.40	22.05		Firm, low strength brown slightly gravelly sandy CLAY. Gravel is fine to medium, subrounded to rounded of sandstone.
		3.00	D					Very stiff, very high strength reddish brown slightly gravelly sandy CLAY. Gravel is fine to medium, subrounded to rounded of sandstone.
		3.00	SPT	N=50 (13,5/10,14,15,11)				
					3.45	21.65		End of Borehole at 3.45m

Remarks

1. Terminated due to refusal on very stiff, high strength clay at 3.45 m bgl. 2. Monitoring well installed. Response zone 1.00 to 3.00 m bgl.

Borehole Log

Borehole No. **WS141**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	340914E - 398591N	Hole Type WS
Location:	Kirkby		Level:	26.19 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	13/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES		0.20	26.19		MADE GROUND: Brown slightly clayey gravelly fine to medium sand with rootlets and suspected asbestos sheeting. Gravel is fine to medium sub angular to sub rounded of mudstone. (Topsoil).
					0.60	25.99		MADE GROUND: Brown sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ceramic, ash, glass and concrete.
		1.00	D		1.00	25.59		Brown slightly clayey fine to medium SAND.
		1.00	SPT	N=11 (1,2/2,3,3,3)				Stiff medium strength brown slightly sandy CLAY.
		1.60	PP	71.12				
		1.80	ES					
		2.00	D		2.00	25.19		Very stiff high strength reddish brown gravelly sandy CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
		2.00	SPT	N=27 (3,5/5,7,6,9)				
		2.60	PP	76.03				
		3.00	SPT	50 (4,6/50 for 290mm)	3.00	24.19		Dense red fine to medium SAND. (Weathered bedrock).
					3.44	23.19		End of Borehole at 3.44m

Remarks

1. Terminated due to refusal on weathered bedrock at 3.44 m bgl. 2. Monitoring well installed. Response zone 1.00 m to 3.00 m bgl.

Borehole Log

Borehole No. **WS142**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341108E - 398636N	Hole Type WS
Location:	Kirkby		Level:	23.59 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	13/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
								MADE GROUND: Brown slightly sandy gravel. Gravel is fine to coarse angular to subrounded concrete and brick.
		1.00	SPT	N=15 (1,2/2,4,4,5)	1.00	23.59		
		1.60	ES					Medium dense brown slightly clayey gravelly fine to medium SAND. Gravel is fine to medium, subrounded to rounded of sandstone. Hydrocarbon odour 1.00-2.40 m bgl. Circa 2.00 m bgl becomes loose.
		2.00	SPT	N=6 (1,2/2,1,1,2)				
					2.40	22.59		Very stiff, very high strength brown slightly gravelly sandy CLAY. Gravel is fine to medium, subrounded to rounded of sandstone.
		3.00	D					
		3.00	SPT	50 (25 for 80mm/50 for 30mm)	3.11	21.19		End of Borehole at 3.11m

Remarks

1. Terminated due to refusal on very stiff, high strength clay at 3.11m bgl. 2. Monitoring well installed. Response zone 1.00 to 3.00 m bgl. 3. Hydrocarbon odour between 1.00 to 2.40 m bgl.

Borehole Log

Borehole No. **WS143**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	340967E - 398632N	Hole Type WS
Location:	Kirkby		Level:	26.04 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	13/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.20	26.04		MADE GROUND: Brown gravelly fine to medium sand with rootlets. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
		0.40 0.50	ES U		0.50	25.84		MADE GROUND: Brown very gravelly fine to medium sand with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick and glass. Cobbles are sub angular to sub rounded of brick.
		1.00 1.00	D SPT	N=12 (1,4/4,3,2,3)				Stiff medium strength greyish brown slightly sandy CLAY.
					1.40	25.54		Reddish brown fine to medium SAND.
					1.70	24.64		Dense brown slightly clayey fine to medium SAND. (Weathered bedrock).
		2.00	SPT	51 (1,2/51 for 290mm)				
					2.44	24.34		End of Borehole at 2.44m

Remarks

1. Terminated due to refusal on weathered bedrock at 2.44 m bgl.

Borehole Log

Borehole No. **WS144**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341334E - 398516N	Hole Type WS
Location:	Kirkby		Level:	25.87 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	24/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.40	25.87		MADE GROUND: Concrete with rebar
		1.00	SPT	N=6 (2,2/1,2,1,2)				MADE GROUND: Grey gravel. Gravel is fine to coarse angular to subrounded of concrete and metal
		1.40	ES		1.20	25.47		Loose brown slightly gravelly fine to medium SAND. Gravel is fine to medium, subrounded to rounded of sandstone.
		2.00	D					
		2.00	SPT	N=15 (3,3/3,4,4,4)	2.10	24.67		Stiff medium strength brown slightly sandy CLAY.
	3.00	3.00	D		3.00	23.77		Dense brown very sandy gravel. Gravel is fine to coarse angular to subrounded of sandstone.
		3.00	SPT	50 (6,9/50 for 295mm)	3.44	22.87		End of Borehole at 3.44m

Remarks

1. Terminated due to refusal on SAND and GRAVEL at 3.44m bgl. 2. Monitoring well installed. Response zone 1.00 to 3.00 m bgl. 3. Slow water ingress at 3.00 m bgl (seepage).

Borehole Log

Borehole No. **WS145**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	340928E - 398645N	Hole Type WS
Location:	Kirkby		Level:	26.22 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	13/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.30	26.22		MADE GROUND: Brown slightly clayey gravelly fine to medium sand with rootlets. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone. (Topsoil).
	1.00	1.00	ES					MADE GROUND: Medium dense brown sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ceramic, glass and concrete.
		1.00	SPT	N=12 (1,2/2,1,4,5)	1.20	25.92		Medium dense brown slightly clayey fine to medium SAND. Circa 2.00 m bgl becomes dense. (Weathered bedrock).
		2.00	SPT	50 (3,5/50 for 290mm)				
					2.44	25.02		End of Borehole at 2.44m

Remarks

1. Terminated due to refusal on weathered bedrock at 2.44 m bgl. 2. Water strike at 1.00 m bgl (perched water in Made Ground).

Borehole Log

Borehole No. **WS146**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341319E - 398492N	Hole Type WS
Location:	Kirkby		Level:	25.83 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	24/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.40	ES		0.15	25.83		MADE GROUND: Concrete
					0.50	25.68		MADE GROUND: Black very gravelly fine to medium SAND. Gravel is fine to coarse angular to subrounded of ash, concrete and brick.
					1.00	25.33		MADE GROUND: Light brown to reddish brown sandy GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subrounded of brick. Cobbles are sub angular of brick.
								End of Borehole at 1.00m

Remarks

1. Terminated due to refusal on concrete obstruction at 1.00 m bgl.

Borehole Log

Borehole No. **WS147**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	340973E - 398676N	Hole Type WS
Location:	Kirkby		Level:	25.09 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	13/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.15	25.09		MADE GROUND: Asphalt.
					0.30	24.94		MADE GROUND: Concrete.
					0.50	24.79		MADE GROUND: Reddish brown sandy gravel. Gravel is fine to coarse angular to sub rounded of brick, mudstone and ceramic.
		0.80	PP	53.96				Stiff medium strength grey sandy CLAY. Becoming very stiff very high strength at 2.00 m bgl.
		1.00	D					
		1.00	SPT	N=14 (2,2/3,3,3,5)				
		1.80	ES					
		1.80	PP	41.69				
		2.00	D					
		2.00	SPT	50 (3,4/50 for 270mm)				
					2.42	24.59		End of Borehole at 2.42m

Remarks

1. Terminated due to refusal on weathered bedrock at 2.42 m bgl. 2. Monitoring well installed. Response zone 1.00 m to 2.00 m bgl.

Borehole Log

Borehole No. **WS148**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341321E - 398458N	Hole Type WS
Location:	Kirkby		Level:	25.98 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	24/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.15	25.98		MADE GROUND: Concrete with rebar
					0.30	25.83		MADE GROUND: Grey fine to coarse, angular to subrounded of concrete.
		0.80	ES					MADE GROUND: Dark greyish black slightly gravelly fine to medium SAND. Gravel is fine sub angular to sub rounded of ash.
		1.00	SPT	N=10 (2,2/2,3,2,3)				
					1.20	25.68		Stiff medium strength brown slightly sandy CLAY
		2.00	SPT	N=16 (2,3/4,4,4,4)	2.00	24.78		Medium dense brown slightly clayey fine to medium SAND. Circa 3.00m bgl becomes loose circa 4.00m bgl becomes medium dense.
	3.00	3.00	SPT	N=11 (3,2/2,3,3,3)				
		4.00	SPT	N=14 (3,2/3,3,4,4)				
		5.00	SPT	N=15 (4,3/3,4,4,4)				
					5.45	23.98		End of Borehole at 5.45m

Remarks

1. Completed 2. Monitoring well installed. Response zone 1.00 to 4.00 m bgl. 3. Slow water ingress at 3.00 m bgl (seepage).

Borehole Log

Borehole No. **WS149A**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341216E - 398263N	Hole Type WS
Location:	Kirkby		Level:	24.97 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	24/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.10	24.97		MADE GROUND: Brown slightly clayey slightly gravelly fine to medium sand with rootlets. Gravel is fine to medium sub angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
					0.30	24.87		MADE GROUND: Brown gravelly fine to medium sand. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick and concrete.
					0.50	24.67		MADE GROUND: Light brown sandy gravel. Gravel is fine to coarse angular to sub rounded sandstone and concrete.
		1.00	SPT	50 (8,10/50 for 205mm)	0.90	24.47		MADE GROUND: Red gravel with cobbles. Gravel is fine to coarse angular to sub rounded of brick. Cobbles are sub rounded of brick.
					1.36	24.07		MADE GROUND: Concrete.
								End of Borehole at 1.36m

Remarks

1. Terminated due to refusal on concrete obstruction at 1.36 m bgl. 2. Monitoring well installed. Response zone 0.50 m to 1.00 m bgl.

Borehole Log

Borehole No. **WS149B**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341216E - 398263N	Hole Type WS
Location:	Kirkby		Level:	24.97 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	24/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.10	24.97		MADE GROUND: Brown slightly clayey slightly gravelly fine to medium sand with rootlets. Gravel is fine to medium sub angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
					0.40	24.87		
					0.50	24.57		MADE GROUND: Brown gravelly fine to medium sand. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick and concrete.
		1.00	SPT	50 (11,8/50 for 215mm)	0.90	24.47		MADE GROUND: Light brown sandy gravel. Gravel is fine to coarse angular to sub rounded sandstone and concrete.
					1.37	24.07		MADE GROUND: Red gravel with cobble. Gravel is fine to coarse angular to sub rounded of brick. Cobble is sub rounded of brick.
								MADE GROUND: Concrete.
								End of Borehole at 1.37m

1 2 3 4 5 6 7 8 9 10

Remarks

1. Terminated due to refusal on concrete obstruction at 1.37 m bgl.

Borehole Log

Borehole No. **WS150**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341309E - 398443N	Hole Type WS
Location:	Kirkby		Level:	25.91 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	24/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.03	25.91		MADE GROUND: Asphalt
		0.40	ES		0.20	25.88		MADE GROUND: Black gravel. Gravel is fine to coarse angular to subrounded of concrete and asphalt.
					0.75	25.71		MADE GROUND: Orangish brown slightly gravelly fine to medium sand. Gravel is fine to medium angular to subrounded of clinker and brick.
		1.00	SPT	N=6 (2,1/1,1,2,2)				Loose light brown clayey fine to medium SAND
					1.50	25.16		Medium dense light brown fine to medium SAND
	2.00	2.00	U					
		2.00	SPT	N=17 (3,4/3,5,4,5)				
		3.00	D					
		3.00	SPT	N=21 (4,5/4,5,6,6)				
					3.30	24.41		Very stiff high strength brown very sandy CLAY
		4.00	D					
		4.00	SPT	50 (7,10/50 for 290mm)				
					4.44	22.61		End of Borehole at 4.44m

Remarks

1. Terminated due to refusal on sandy CLAY at 4.44m bgl. 2. Slow water ingress at 2.00 m bgl (seepage).

Borehole Log

Borehole No. **WS151**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341149E - 398139N	Hole Type WS
Location:	Kirkby		Level:	24.03 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	24/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.10	24.03		MADE GROUND: Light brown slightly gravelly sandy clay. Gravel is fine to medium sub angular to sub rounded of mudstone, sandstone and brick.
		0.40	ES		0.50	23.93		MADE GROUND: Black sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, ash, brick and glass.
					0.70	23.53		MADE GROUND: Black slightly gravelly slightly clayey fine to medium sand. Gravel is fine to medium sub angular to sub rounded of sandstone ash and brick.
		1.00	D					Stiff medium strength reddish light brown slightly gravelly slightly sandy CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone.
		1.00	SPT	N=14 (2,2/3,3,3,5)				
		1.50	U					
		2.00	SPT	50 (4,10/50 for 290mm)	2.00	23.33		Dense red fine to medium SAND. (Weathered bedrock).
					2.44	22.03		End of Borehole at 2.44m

Remarks

1. Terminated due to refusal on weathered bedrock at 2.44 m bgl. 2. Monitoring well installed. Response zone 1.00 m to 2.00 m bgl.

Borehole Log

Borehole No. **WS152**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341378E - 398444N	Hole Type WS
Location:	Kirkby		Level:	26.62 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	24/01/2022	Logged By N.Gregory

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.50	ES		0.40	26.62		MADE GROUND: Dark grey gravelly sandy clay with frequent rootlets. Gravel is fine subrounded of brick (Topsoil)
		1.00	SPT	N=6 (1,1/2,1,2,1)	1.10	26.22		MADE GROUND: Dark grey slightly gravelly clay. Gravel is fine subrounded of brick.
		1.50	ES					MADE GROUND: Black gravelly fine to medium sand. Gravel is fine to coarse, angular to subrounded of ash, clinker and brick.
	2.00	2.00	SPT	N=0 (0,0/0,0,0,0)				
		3.00	SPT	N=50 (2,2/12,12,13,13)	2.50	25.52		MADE GROUND: Brownish black slightly gravelly slightly sandy clay. Gravel is fine sub angular to sub rounded of ash
					3.45	24.12		End of Borehole at 3.45m

Remarks

1. Terminated due to refusal in Made Ground at 3.45m bgl. 2. Monitoring well installed. Response zone 0.50 to 2.50 m bgl. 3. Slow water ingress at 2.00 m bgl.

Borehole Log

Borehole No. **WS153A**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341237E - 398096N	Hole Type WS
Location:	Kirkby		Level:	24.19 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	24/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.20	24.19		MADE GROUND: Blackish brown gravelly sandy clay with rootlets. Gravel is fine to medium sub angular to sub rounded of mudstone, sandstone, ash and brick. (Topsoil).
		1.00	SPT	50 (25 for 70mm/50 for 100mm)	0.90	23.99		MADE GROUND: Reddish brown slightly gravelly sandy clay. Gravel is fine to medium angular to sub rounded of mudstone, sandstone, brick.
					0.95	23.29		MADE GROUND: Brick layer. Recovered as sub rounded cobble of brick.
					1.17	23.24		MADE GROUND: Concrete.
								End of Borehole at 1.17m

1 2 3 4 5 6 7 8 9 10

Remarks

1. Terminated due to refusal on concrete obstruction at 1.17 m bgl. 2. Monitoring well installed. Response zone 0.50 to 1.00 m bgl.

Borehole Log

Borehole No. **WS153B**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341237E - 398096N	Hole Type WS
Location:	Kirkby		Level:	24.19 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	24/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.15	24.19		MADE GROUND: Blackish brown gravelly sandy clay with rootlets. Gravel is fine to medium sub angular to sub rounded of mudstone, sandstone, ash and brick. (Topsoil).
					0.80	24.04		MADE GROUND: Reddish brown slightly gravelly sandy clay. Gravel is fine to medium angular to sub rounded of mudstone, sandstone, brick.
		1.00	SPT	50 (25 for 45mm/50 for 25mm)	0.85	23.39		MADE GROUND: Brick layer. Recovered as sub rounded cobble of brick.
					1.07	23.34		MADE GROUND: Concrete.
								End of Borehole at 1.07m

Remarks

1. Terminated due to refusal on concrete obstruction at 1.07 m bgl.

Borehole Log

Borehole No. **WS153C**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341237E - 398096N	Hole Type WS
Location:	Kirkby		Level:	24.19 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	24/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.15	24.19		MADE GROUND: Blackish brown gravelly sandy clay with rootlets. Gravel is fine to medium sub angular to sub rounded of mudstone, sandstone, ash and brick. (Topsoil).
					0.85	24.04		MADE GROUND: Reddish brown slightly gravelly sandy clay. Gravel is fine to medium angular to sub rounded of mudstone, sandstone, brick.
		1.00	SPT	50 (25 for 60mm/50 for 110mm)	1.17	23.34		MADE GROUND: Brick layer. Recovered as sub rounded cobble of brick.
								End of Borehole at 1.17m

Remarks

1. Terminated due to refusal on concrete obstruction at 1.17 m bgl.

Borehole Log

Borehole No. **WS155**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341299E - 398081N	Hole Type WS
Location:	Kirkby		Level:	24.46 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	24/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.20	24.46		MADE GROUND: Black gravelly sandy clay with rootlets. Gravel is fine to medium sub angular to sub rounded of mudstone, sandstone, ash and brick. (Topsoil).
					0.70	24.26		MADE GROUND: Black sandy gravelly clay. Gravel is fine to medium sub angular to sub rounded of mudstone, ash and brick.
	▼ 1.20	1.00 1.00 1.20	D SPT ES	N=13 (3,2/2,4,3,4)	1.20	23.76		Firm reddish grey very sandy CLAY.
					1.60	23.26		Medium dense brownish grey slightly clayey fine to medium SAND.
		2.00	SPT	50 (7,16/50 for 135mm)	2.29	22.86		Dense red fine to medium SAND. (Weathered bedrock).
								End of Borehole at 2.29m

Remarks

1. Terminated due to refusal on weathered bedrock at 2.29 m bgl. 2. Water strike at 1.20 m bgl.

Borehole Log

Borehole No. **WS157**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341306E - 398130N	Hole Type WS
Location:	Kirkby		Level:	24.86 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	24/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.10	24.86		MADE GROUND: Light brown slightly gravelly sandy clay with rootlets. Gravel is fine to medium sub angular to sub rounded of mudstone and brick. (Topsoil).
		0.30	PP	49.05				
		0.50	U					
					0.80	24.76		Firm greyish light brown slightly sandy slightly gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
		1.00	D					
		1.00	SPT	N=12 (2,1/2,3,3,4)				Stiff medium strength red slightly sandy CLAY
		1.50	PP	58.86				
					1.60	24.06		Dense red fine to medium SAND. (Weathered bedrock).
		2.00	SPT	50 (5,19/50 for 65mm)				
					2.22	23.26		End of Borehole at 2.22m

Remarks

1. Terminated due to refusal on weathered bedrock at 2.22 m bgl. 2. Monitoring well installed. Response zone 1.00 m to 2.00 m bgl.

Borehole Log

Borehole No. **WS159**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341271E - 398155N	Hole Type WS
Location:	Kirkby		Level:	25.12 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	24/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES		0.10	25.12		MADE GROUND: Dark Brown sandy gravel with woodchips. Gravel is fine to coarse sub angular to sub rounded of mudstone, sandstone, brick and ceramic. (Topsoil).
		0.50	U		0.50	25.02		MADE GROUND: Reddish brown gravelly fine to medium sand. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick and ceramic.
		1.00	D					Stiff medium strength brownish red mottled grey slightly gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone.
		1.00	SPT	N=11 (1,3/2,3,3,3)				
		1.50	PP	24.52				
					1.70	24.62		Dense red fine to medium SAND. (Weathered bedrock).
		2.00	SPT	50 (3,9/50 for 215mm)				
					2.37	23.42		End of Borehole at 2.37m

Remarks

1. Terminated due to refusal on weathered bedrock at 2.37 m bgl.

Borehole Log

Borehole No. **WS161**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341298E - 398180N	Hole Type WS
Location:	Kirkby		Level:	24.78 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	25/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.10	24.78		MADE GROUND: Black gravelly sandy clay. Gravel is fine to coarse sub angular to sub rounded of mudstone, ash, brick and concrete. (Topsoil).
		0.50	U		0.40	24.68		MADE GROUND: Black slightly gravelly clayey fine to medium sand. Gravel is fine of ash. Firm brown slightly sandy CLAY.
		1.00	D		1.00	24.38		Very stiff high strength brown mottled grey slightly sandy slightly gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone.
		1.00	SPT	N=20 (2,2/2,5,5,8)				
		1.50	ES		1.60	23.78		Dense light brown fine to medium SAND.
		1.70	SPT	50 (8,13/50 for 205mm)				
					2.00	23.18		Dense reddish brown fine to medium SAND.
					2.06	22.78		End of Borehole at 2.06m

Remarks

1. Terminated due to refusal on weathered bedrock at 2.06 m bgl. 2. Monitoring well installed. Response zone 0.50 m to 1.50 m bgl.

Borehole Log

Borehole No. **WS163**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341348E - 398155N	Hole Type WS
Location:	Kirkby		Level:	25.47 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	25/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.30	25.47		MADE GROUND: Brown slightly gravelly slightly clayey fine to medium sand with rootlets. Gravel is fine to medium sub angular of brick. Light brown fine to medium SAND.
		1.00	SPT	N=17 (2,3/4,4,4,5)	1.00	25.17		Medium dense grey mottled black clayey fine to medium SAND. Slight organic odour.
	1.30	1.30	ES		1.40	24.47		Grey slightly clayey fine to medium SAND with pocket of grey clay at 1.80 m bgl.
		2.00	D		2.00	24.07		Stiff medium strength grey slightly sandy CLAY.
		2.00	SPT	N=12 (2,1/3,3,3,3)	2.40	23.47		Very stiff very high strength greyish brown sandy CLAY.
		3.00	D					
		3.00	SPT	50 (2,3/50 for 290mm)	3.44	23.07		End of Borehole at 3.44m

Remarks

1. Terminated due to refusal on weathered bedrock at 3.44 m bgl. 2. Water strike at 1.30 m bgl. 3. Slight organic odour 1.00-1.40 m bgl.

Borehole Log

Borehole No. **WS165A**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341320E - 398262N	Hole Type WS
Location:	Kirkby		Level:	24.19 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	25/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.30	24.19		MADE GROUND: Brown slightly clayey gravelly clay with rootlets. Gravel is fine to coarse sub angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
		0.30	SPT	50 (25 for 25mm/50 for 15mm)	0.34	23.89		MADE GROUND: Concrete.
								End of Borehole at 0.34m

Remarks

1. Terminated due to refusal on concrete obstruction at 0.34 m bgl.

Borehole Log

Borehole No. **WS165B**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341320E - 398262N	Hole Type WS
Location:	Kirkby		Level:	24.19 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	25/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.20	24.19		MADE GROUND: Brown slightly clayey gravelly clay with rootlets. Gravel is fine to coarse sub angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
					0.25	23.99		MADE GROUND: Concrete.
								End of Borehole at 0.25m

Remarks

1. Terminated due to refusal on concrete obstruction at 0.25 m bgl.

Borehole Log

Borehole No. **WS165C**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341320E - 398262N	Hole Type WS
Location:	Kirkby		Level:	24.19 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	25/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.30	24.19		MADE GROUND: Brown slightly clayey gravelly clay with rootlets. Gravel is fine to coarse sub angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
					0.35	23.89		MADE GROUND: Concrete.
								End of Borehole at 0.35m

Remarks

1. Terminated due to refusal on concrete obstruction at 0.35 m bgl.

Borehole Log

Borehole No. **WS167A**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341263E - 398265N	Hole Type WS
Location:	Kirkby		Level:	24.85 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	25/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.10	24.85		MADE GROUND: Brown slightly clayey gravelly clay with rootlets. Gravel is fine to coarse sub angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
		0.30	SPT	50 (25 for 25mm/50 for 25mm)	0.30	24.75		MADE GROUND: Brownish red sandy gravel. Gravel is fine to coarse angular to sub angular of sandstone and brick.
					0.35	24.55		MADE GROUND: Concrete.
								End of Borehole at 0.35m

1 2 3 4 5 6 7 8 9 10

Remarks

1. Terminated due to refusal on concrete obstruction at 0.34 m bgl.

Borehole Log

Borehole No. **WS167B**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341263E - 398265N	Hole Type WS
Location:	Kirkby		Level:	24.85 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	25/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES		0.10	24.85		MADE GROUND: Brown slightly clayey gravelly clay with rootlets. Gravel is fine to coarse sub angular to sub rounded of mudstone, sandstone and brick. (Topsoil)..
					0.25	24.75		MADE GROUND: Brownish red sandy gravel. Gravel is fine to coarse angular to sub angular of sandstone and brick.
					0.30	24.60		MADE GROUND: Concrete.
								End of Borehole at 0.30m

Remarks

1. Terminated due to refusal on concrete obstruction at 0.30 m bgl.

Borehole Log

Borehole No. **WS167C**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341263E - 398265N	Hole Type WS
Location:	Kirkby		Level:	24.85 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	25/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.10	24.85		MADE GROUND: Brown slightly clayey gravelly clay with rootlets. Gravel is fine to coarse sub angular to sub rounded of mudstone, sandstone and brick. (Topsoil).
					0.25	24.75		MADE GROUND: Brownish red sandy gravel. Gravel is fine to coarse angular to sub angular of sandstone and brick.
					0.30	24.60		MADE GROUND: Concrete.
								End of Borehole at 0.30m

Remarks

1. Terminated due to refusal on concrete obstruction at 0.30 m bgl.

Borehole Log

Borehole No. **WS169**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341263E - 398228N	Hole Type WS
Location:	Kirkby		Level:	24.79 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	25/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.10	24.79		MADE GROUND: Brown slightly sandy gravelly clay with rootlets. Gravel is fine to medium sub angular to sub rounded of mudstone and brick. (Topsoil).
					0.30	24.69		
					0.50	24.49		MADE GROUND: Black red brown slightly sandy gravel. Gravel is fine to coarse angular to sub rounded of brick, ash, concrete and mudstone.
		0.80	ES					
		0.80	PP	61.31	1.00	24.29		MADE GROUND: Reddish brown slightly sandy gravelly clay. Gravel is fine to coarse sub angular to sub rounded of mudstone and brick.
		1.00	D					
		1.00	SPT	N=13 (2,3/2,4,3,4)				Greyish brown slightly sandy slightly gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
		1.50	U					
		1.50	PP	44.14				Stiff medium strength reddish grey slightly sandy CLAY
		2.00	SPT	50 (1,3/50 for 290mm)	2.00	23.79		Dense red slightly clayey fine to medium SAND. (Weathered bedrock).
					2.44	22.79		End of Borehole at 2.44m

Remarks

1. Terminated due to refusal on weathered bedrock at 2.44m bgl. 2. Monitoring well installed. Response zone 1.00 m to 2.00 m bgl.

Borehole Log

Borehole No. **WS171**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	341103E - 398395N	Hole Type WS
Location:	Kirkby		Level:	24.72 m AOD	Scale 1:50
Client:	BDW Trading		Dates:	25/01/2022	Logged By J.Beer

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.30	ES		0.20	24.72		MADE GROUND: Brown slightly clayey fine to medium sand with rootlets. (Topsoil).
		0.60	U		0.60	24.52		MADE GROUND: Brown gravelly very sandy clay. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick and ceramic.
		1.00	D					Stiff medium strength reddish brown slightly gravelly slightly sandy CLAY. Gravel is fine sub angular to sub rounded of mudstone and sandstone.
		1.00	SPT	N=12 (2,2/3,3,3,3)				
		1.70	PP	27.00				
		2.00	SPT	N=40 (5,6/10,10,10,10)	1.90	24.12		Brown slightly clayey fine to medium SAND.
					2.00	22.82		Dense red fine to medium SAND. (Weathered bedrock).
		2.60	SPT	50 (5,8/50 for 260mm)				
					3.01	22.72		End of Borehole at 3.01m

Remarks

1. Terminated due to refusal on weathered bedrock at 3.01 m bgl. 2. Monitoring well installed. Response zone 1.00 m to 2.50 m bgl.

Rotary Core Log

Borehole No. **CP/RB101**

Sheet 1 of 3

Project Name: Cherryfields	Project No. 15280	Co-ords: 340952.00 - 398398.00	Hole Type CP+RC
Location: Kirkby		Level: 23.26mbgl Orientation: ° Inclination: °	Scale 1:30
Client: BDW Trading		Dates: 08/02/2022 -	Logged By NG

Well	Water Strikes	Depth (m)	Type / Fl	Coring TCR	Coring SCR	Coring RQD	Results & Information	Depth (m)	Level (m)	Legend	Stratum Description
								0.20	23.06		MADE GROUND: Dark grey very clayey fine to medium sand with frequent rootlets. (Topsoil).
		1.00 1.00 - 1.45	SPD				N=2 (1,0/1,0,1,0)				MADE GROUND: Black slightly clayey very gravelly fine to medium sand with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ash, ceramic, glass, plastic and textile. Cobbles are sub angular of brick. (Suspected landfill).
		2.00 2.00 - 2.45	SPD				N=2 (1,0/0,1,0,1)				
		3.00 3.00 - 3.45	SPD				N=1 (1,0/0,0,0,1)				
		4.00 4.00 - 4.45	SPD				N=2 (1,0/1,0,1,0)				
		5.00 5.00 - 5.45	SPD				N=4 (1,0/1,1,1,1)				
								5.50	17.76		Very soft, extremely low strength red sandy CLAY.
		6.00	SPD								

Continued on next sheet

Remarks

1. Complete. 2. Monitoring well installed. Response zone 3.00-5.00 m bgl.

Rotary Core Log

Borehole No. **CP/RB101**

Sheet 2 of 3

Project Name: Cherryfields	Project No. 15280	Co-ords: 340952.00 - 398398.00	Hole Type CP+RC
Location: Kirkby		Level: 23.26mbgl Orientation: ° Inclination: °	Scale 1:30
Client: BDW Trading		Dates: 08/02/2022 -	Logged By NG

Well	Water Strikes	Depth (m)	Type / Fl	Coring TCR	Coring SCR	Coring RQD	Results & Information	Depth (m)	Level (m)	Legend	Stratum Description
		6.00 - 6.45					50 (10,11/50 for 290mm)				
		6.50 - 8.00	C					6.50	16.76		Weak reddish brown fine to medium grained SANDSTONE.
								6.70	16.56		Extremely weak reddish brown fine to medium grained SANDSTONE.
		6.50 - 7.50		61	40	31					*6.78m - 7.10m: NON-INTACT*
								7.10	16.16		No Recovery
											7.10m - 7.50m: No Recovery
								7.50	15.76		Moderately strong reddish brown fine to medium grained SANDSTONE.
		7.50 - 8.50	C	80	80	70					*7.50m : 10° planar rough*
											8.3m : 5° planar rough
											8.30m - 8.50m: AZCL (Assumed Zone of Core Loss)
											8.50m - 8.61m: NON-INTACT
		8.50 - 9.50		40	26	11		8.93	14.32		No Recovery
											8.93m - 9.50m: AZCL
		9.50 - 11.00	C					9.50	13.76		Weak reddish brown fine to medium grained SANDSTONE.
											9.50m - 9.56m: NON-INTACT
		9.50 - 10.50		84	64	39					*9.95m : 15° planar rough*
											9.99m - 10.34m: NON-INTACT
								10.34	12.92		Moderately strong reddish brown fine to medium grained SANDSTONE.
								10.50	12.76		Weak to moderately strong reddish brown fine to medium grained SANDSTONE.
		10.50 - 12.50	C	82	65	65					
								11.30	11.96		Moderately strong reddish brown fine to medium grained SANDSTONE.
											11.30m - 11.50m: AZCL
								12.00	11.26		

Continued on next sheet

Remarks

1. Complete. 2. Monitoring well installed. Response zone 3.00-5.00 m bgl.

Rotary Core Log

Borehole No. **CP/RB101**

Sheet 3 of 3

Project Name: Cherryfields	Project No. 15280	Co-ords: 340952.00 - 398398.00	Hole Type CP+RC
Location: Kirkby		Level: 23.26mbgl Orientation: ° Inclination: °	Scale 1:30
Client: BDW Trading		Dates: 08/02/2022 -	Logged By NG

Well	Water Strikes	Depth (m)	Type / Fl	Coring TCR	Coring SCR	Coring RQD	Results & Information	Depth (m)	Level (m)	Legend	Stratum Description
		11.50 - 12.50		50	46	46		12.50	10.76		No Recovery *12.00m - 12.50m: No Recovery* End of borehole at 12.50 m

13 14 15 16 17 18

Remarks

1. Complete. 2. Monitoring well installed. Response zone 3.00-5.00 m bgl.

Rotary Core Log

Borehole No. **CP/RB102**

Sheet 1 of 3

Project Name: Cherryfields	Project No. 15280	Co-ords: 341087.00 - 398552.00	Hole Type CP+RC
Location: Kirkby		Level: 25.91 mbgl Orientation: ° Inclination: °	Scale 1:30
Client: BDW Trading		Dates: 07/02/2022 -	Logged By NG

Well	Water Strikes	Depth (m)	Type / Fl	Coring TCR	Coring SCR	Coring RQD	Results & Information	Depth (m)	Level (m)	Legend	Stratum Description
											MADE GROUND: Dark grey very clayey fine to medium sand with frequent rootlets. (Topsoil).
								0.40	25.51		MADE GROUND: Brownish black sandy gravel with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ash, ceramic, glass, plastic and metal. Cobbles are angular to sub rounded of brick, glass and ceramic. (Suspected landfill).
		1.00 1.00 - 1.45	SPD				N=1 (1,0/0,0,0,1)				
	▼	2.00 2.00 - 2.45	SPD				N=1 (1,0/0,0,1,0)				
		3.00 3.00 - 3.45	SPD				N=3 (0,0/1,1,1,0)				
		4.00 4.00 - 4.45	SPD				N=3 (1,0/0,1,1,1)				
								4.90	21.01		Very soft, extremely low strength red sandy CLAY.
		5.00 5.00 - 5.45	SPD				50 (3,10/50 for 154mm)	5.10	20.81		Weak reddish brown fine to medium grained SANDSTONE. Recovered as fine to coarse angular to subrounded GRAVEL.
		6.00 - 7.50	C					6.00	19.91		

Continued on next sheet

Remarks

1. Complete. 2. Monitoring well installed. Response zone 3.00-4.00 m bgl.

Rotary Core Log

Borehole No. **CP/RB102**

Sheet 2 of 3

Project Name: Cherryfields	Project No. 15280	Co-ords: 341087.00 - 398552.00	Hole Type CP+RC
Location: Kirkby		Level: 25.91 mbgl Orientation: ° Inclination: °	Scale 1:30
Client: BDW Trading		Dates: 07/02/2022 -	Logged By NG

Well	Water Strikes	Depth (m)	Type / Fl	Coring TCR	Coring SCR	Coring RQD	Results & Information	Depth (m)	Level (m)	Legend	Stratum Description
		6.00 - 7.00		65	63	50					Moderately strong reddish brown fine to medium grained SANDSTONE. *6.09m: 5° planar rough with medium sand infill* *6.37m - 6.40m: 15° undulating rough, open 30mm* *6.55m - 6.56m: 10° undulating rough, open 10mm* *6.63m - 7.00m: AZCL*
		7.00 - 8.00	2.9 C	72	42	13					*7.72m - 8.00m: AZCL*
		8.00 - 9.00		48	14	14					*8.10m - 8.27m: NON-INTACT* *8.40m - 8.45m: NON-INTACT*
								8.45	17.46		No Recovery *8.45m - 9.00m: No Recovery*
		9.00 - 10.50	C					9.00	16.91		Extremely weak to weak reddish brown fine to medium grained SANDSTONE.
		9.00 - 10.00		72	60	42		9.30	16.61		Weak to moderately strong reddish brown fine to medium grained SANDSTONE. Recovered as fine to coarse angular to subrounded GRAVEL.
								9.72	16.19		No Recovery *9.72m - 10.00m: No Recovery*
		10.50 - 12.00	0.6 C	82	76	44		10.00	15.91		Moderately strong reddish brown fine to medium grained SANDSTONE. *10.70m - 11.00: AZCL*
		11.00 - 12.00		80	72	23		11.30	14.61		Extremely weak reddish brown fine to medium grained SANDSTONE. Recovered as Very Stiff high strength sandy CLAY.
								11.45	14.46		No Recovery *11.45m - 11.50m: No Recovery*
								11.50	14.41		Weak to moderately strong reddish
								12.00	13.91		Continued on next sheet

Remarks

1. Complete. 2. Monitoring well installed. Response zone 3.00-4.00 m bgl.

Rotary Core Log

Borehole No. **CP/RB102**

Sheet 3 of 3

Project Name: Cherryfields	Project No. 15280	Co-ords: 341087.00 - 398552.00	Hole Type CP+RC
Location: Kirkby		Level: 25.91 mbgl Orientation: ° Inclination: °	Scale 1:30
Client: BDW Trading		Dates: 07/02/2022 -	Logged By NG

Well	Water Strikes	Depth (m)	Type / Fl	Coring TCR	Coring SCR	Coring RQD	Results & Information	Depth (m)	Level (m)	Legend	Stratum Description
											brown fine to medium grained SANDSTONE. Recovered as fine to coarse angular to subrounded GRAVEL.
											End of borehole at 12.00 m

13 14 15 16 17 18

Remarks

1. Complete. 2. Monitoring well installed. Response zone 3.00-4.00 m bgl.

Rotary Core Log

Borehole No. **CP/RB103**

Sheet 1 of 2

Project Name: Cherryfields	Project No. 15280	Co-ords: 341102.00 - 398322.00	Hole Type CP+RC
Location: Kirkby		Level: 25.52mbgl Orientation: ° Inclination: °	Scale 1:30
Client: BDW Trading		Dates: 08/02/2022 -	Logged By NG

Well	Water Strikes	Depth (m)	Type / Fl	Coring TCR	Coring SCR	Coring RQD	Results & Information	Depth (m)	Level (m)	Legend	Stratum Description
								0.10	25.42		MADE GROUND: Dark grey very clayey fine to medium sand with frequent rootlets. (Topsoil).
		1.00 1.00 - 1.45	SPD				N=2 (1,0/1,0,1,0)				MADE GROUND: Reddish black clayey gravelly fine to medium sand with cobbles. Gravel is fine to coarse angular to sub rounded of mudstone, sandstone, brick, ash, ceramic, glass, timber, plastic. Cobbles are angular to sub angular of sandstone, brick and glass. (Suspected landfill).
		2.00 2.00 - 2.45	SPD				N=1 (1,0/0,0,1,0)				
	▼	3.00 3.00 - 3.45	SPD				N=4 (1,0/0,1,1,2)				
								3.60	21.92		Very soft, extremely low strength red sandy CLAY.
		4.00 4.00 - 4.45	SPD				N=20 (1,2/3,4,4,9)				
								4.70	20.82		Weak reddish brown fine to medium grained SANDSTONE. Recovered as fine to coarse angular to subrounded GRAVEL.
		~~5.00~~ 5.00 - 5.15 5.00 - 6.50	C SPD				50 (25 for 60mm/50 for 45mm)	5.00	20.52		Moderately strong reddish brown fine to medium grained SANDSTONE.
		5.00 - 6.00	5.71	66	62	52		5.31	20.21		Weak reddish brown fine to medium grained SANDSTONE.
								5.66	19.86		No Recovery *5.66m - 6.00m: No Recovery*
								6.00	19.52		Continued on next sheet

Remarks

1. Complete. 2. Monitoring well installed. Response zone 3.00-4.00 m bgl.

Rotary Core Log

Borehole No. **CP/RB103**

Sheet 2 of 2

Project Name: Cherryfields	Project No. 15280	Co-ords: 341102.00 - 398322.00	Hole Type CP+RC
Location: Kirkby		Level: 25.52mbgl Orientation: ° Inclination: °	Scale 1:30
Client: BDW Trading		Dates: 08/02/2022 -	Logged By NG

Well	Water Strikes	Depth (m)	Type / Fl	Coring TCR	Coring SCR	Coring RQD	Results & Information	Depth (m)	Level (m)	Legend	Stratum Description
											Moderately strong reddish brown fine to medium grained SANDSTONE.
		6.60 - 8.00	C	40	40	23					6.40m - 8.00m: AZCL
		8.00 - 9.50	C								
		8.00 - 9.00		93	71	65					8.66m - 8.75m: AZCL 8.80m - 8.93m: NON-INTACT 8.93m - 9.00m: AZCL
		9.50 - 10.00	4C4	81	66	47					9.81m - 10.00m: AZCL
		10.00 - 11.00		80	65	60					
								10.71	14.81		No Recovery 10.71m - 10.81m: NON-INTACT 10.81m - 11.00m: No Recovery
								11.00	14.52		End of borehole at 11.00 m

Remarks

1. Complete. 2. Monitoring well installed. Response zone 3.00-4.00 m bgl.

Trial Pit Log

TrialPit No: TP201
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340841.30 - 398544.63	Date 11/11/2023
Location: Kirkby		Dimensions (m): 2.10 x 0.90	Scale 1:30
Client: BDW Trading		Depth 0.85	Logged I.Diack

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.15			MADE GROUND: Asphalt and Macadam.
	0.50 0.60	B ES		0.85			MADE GROUND: Light greyish brown and black sandy gravel. Gravel is fine to coarse, subangular to subrounded of limestone, asphalt, sandstone, and mudstone with rare brick (Slight hydrocarbon odour). End of Pit at 0.85m

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Trial Pit Photographs



TP201 Pit



TP201 Arisings

Remarks: 1. Terminated at 0.85mbgl as unable to break through compacted Made Ground. 2. Very slow hard digging through compacted Made Ground from 0.10 - 0.85mbgl. 3. Slight hydrocarbon odour encountered within Made Ground from 0.15-0.85mbgl.

Stability: Stable

Trial Pit Log

			TrialPit No TP202 Sheet 1 of 1
Project Name: Cherryfields	Project No. 15280	Co-ords: 340799.76 - 398564.71 Level:	Date 11/11/2023
Location: Kirkby		Dimensions (m): 1.90 x 0.80 Depth 2.40	Scale 1:30
Client: BDW Trading			Logged I.Diack

Water Strike	Samples & In Situ Testing Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20			MADE GROUND: Asphalt and Macadam.
	1.00	ES					MADE GROUND: Black very sandy gravel with frequent cobbles and occasional boulders. Gravel is fine to coarse, angular to subrounded of brick, asphalt, concrete, limestone, sandstone, and mudstone with frequent fragments of plastic, timber, glass, and metal. Cobbles and boulders are very angular to angular of brick, glass, and metal. (Very strong hydrocarbon odour).
▼ 1.80							
	2.30	ES		2.40			End of Pit at 2.40m

1 2 3 4

Trial Pit Photographs



TP202 Pit



TP202 Arisings

Remarks: 1. Complete. 2. Very strong hydrocarbon odour encountered from 0.20 - 2.40mbgl within Made Ground. 3. Perched water strike encountered at 1.80mbgl.

Stability: Unstable from 0.40mbgl.

Trial Pit Log

TrialPit No: TP203
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340821.97 - 398572.56	Date 11/11/2023
Location: Kirkby		Dimensions (m): 1.00 x 0.70 Depth 0.90	Scale 1:30
Client: BDW Trading			Logged I.Diack

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
▼ 0.30				0.10			MADE GROUND: Asphalt and Macadam.
	0.70	ES		0.90			MADE GROUND: Black slightly sandy gravel with frequent cobbles. Gravel is fine to coarse, very angular to subrounded of brick, asphalt, concrete, sandstone, mudstone, with frequent fragments of timber. Cobbles are very angular to angular of brick and timber. (Strong hydrocarbon odour).
							End of Pit at 0.90m

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Trial Pit Photographs



TP203 Pit



TP203 Arisings

Remarks: 1. Terminated at 0.90mbgl as unable to break through compacted Made Ground. 2. Very slow hard digging through compacted Made Ground from 0.10 - 0.90mbgl. 3. Perched water strike encountered at 0.30mbgl. 4. Strong hydrocarbon odour encountered within Made Ground from 0.40-0.90mbgl.

Stability: Stable

Trial Pit Log

			TrialPit No TP204 Sheet 1 of 1
Project Name: Cherryfields	Project No. 15280	Co-ords: 340846.42 - 398570.94 Level:	Date 11/11/2023
Location: Kirkby		Dimensions (m): 1.40 x 0.70 Depth 2.10	Scale 1:30
Client: BDW Trading			Logged I.Diack

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10			MADE GROUND: Asphalt and Macadam.
0.30	0.40	ES		0.30			MADE GROUND: Black slightly sandy gravel. Gravel is fine to coarse, subangular to subrounded of asphalt and concrete (Slight hydrocarbon odour).
							MADE GROUND: Red and black very sandy gravel with frequent cobbles. Gravel is fine to coarse, angular to subrounded of brick, sandstone, and mudstone. Cobbles are angular to subangular of brick. (Slight hydrocarbon odour).
				1.20			Firm dark greyish brown mottled light brown slightly silty very sandy CLAY.
	1.80	ES		2.10			End of Pit at 2.10m

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Trial Pit Photographs



TP204 Pit



TP204 Arisings

Remarks: 1. Complete. 2. No Hand Shear Vane Testing was conducted as clay too friable. 3. Moderate ingress water strike noted within Made Ground at 0.30mbgl. 4. Slight hydrocarbon odour encountered from 0.10 - 1.20mbgl within Made Ground.

Stability: Stable

Trial Pit Log

TrialPit No: TP205
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340814.89 - 398604.86	Date 11/11/2023
Location: Kirkby		Dimensions (m): 1.90 × 0.80	Scale 1:30
Client: BDW Trading		Depth 2.80	Logged I.Diack

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10			MADE GROUND: Asphalt and Macadam.
	0.50	ES		0.60			MADE GROUND: Black slightly sandy gravel. Gravel is fine to coarse, angular to subangular of asphalt and concrete with frequent fragments of plastic (sub base). (Plastic membrane encountered 0.30mbgl).
				1.30			Firm to stiff light brown mottled grey slightly gravelly very sandy CLAY. Gravel is fine to medium, subangular to rounded of sandstone and mudstone.
	1.70	B					Stiff reddish brown very sandy very gravelly CLAY. Gravel is fine to coarse, subangular to subrounded of sandstone and mudstone.
	2.40	ES		2.50			Light brown slightly gravelly silty very clayey fine to medium SAND. Gravel is fine to medium, subangular to rounded of sandstone and mudstone.
				2.80			End of Pit at 2.80m

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Trial Pit Photographs



TP205 Pit



TP205 Arisings

Remarks: 1. Complete. 2. No Hand Shear Vane Testing conducted as clay too friable. 3. Plastic membrane noted at 0.30mbgl.

Stability: Stable

Trial Pit Log

			TrialPit No TP206 Sheet 1 of 1
Project Name: Cherryfields	Project No. 15280	Co-ords: 340839.65 - 398604.11 Level:	Date 11/11/2023
Location: Kirkby		Dimensions (m): 1.70 / 0.80 / Depth 1.90	Scale 1:30
Client: BDW Trading			Logged I.Diack

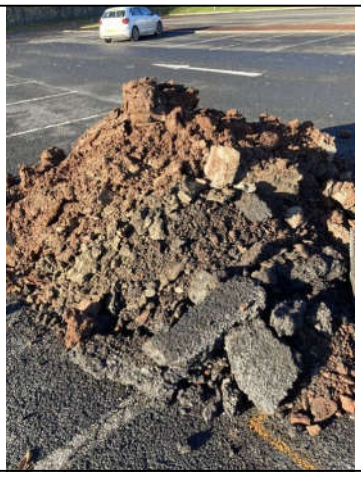
Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10			MADE GROUND: Asphalt and Macadam.
				0.20			MADE GROUND: Black slightly sandy gravel. Gravel is fine to coarse, subangular to subrounded of asphalt, limestone, and concrete (sub base).
				0.40			MADE GROUND: Red and black very clayey very gravelly sand with occasional cobbles. Gravel is fine to coarse, angular to subrounded of brick, concrete, sandstone, and mudstone with rare fragments of plastic. Cobbles are angular to subangular of brick (Slight Hydrocarbon Odour).
	1.00	HVP	57				Firm reddish brown gravelly very sandy CLAY with pockets of grey clayey fine to medium SAND. Gravel is fine to coarse, subangular to subrounded of sandstone and mudstone.
	1.30	ES					
	1.40	HVP	70				
				1.90			End of Pit at 1.90m

1 2 3 4

Trial Pit Photographs



TP206 Pit



TP206 Arisings

Remarks: 1. Complete. 2. Slight hydrocarbon odour encountered from 0.25-0.60mbgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP207
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340856.78 - 398628.22 Level:	Date 11/11/2023
Location: Kirkby		Dimensions (m): 2.00 × 0.80 Depth 2.30	Scale 1:30
Client: BDW Trading			Logged I.Diack

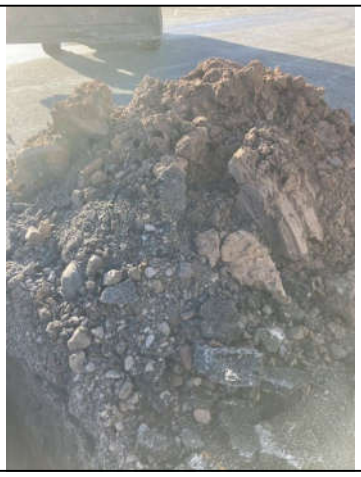
Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10			MADE GROUND: Asphalt and Macadam.
				0.25			MADE GROUND: Black and light grey slightly sandy gravel. Gravel is fine to coarse, subangular to subrounded of asphalt, limestone, and concrete. (sub base).
	0.50	ES		0.60			MADE GROUND: Black and red very sandy gravel with occasional cobbles. Gravel is fine to coarse, subangular to subrounded of brick, concrete, asphalt, sandstone, mudstone, with rare fragments of timber. Cobbles are angular to subangular of brick (Slight hydrocarbon odour).
	1.10	HVP	132				Stiff light brown sandy gravelly CLAY. Gravel is fine to coarse, subangular to rounded of sandstone and mudstone.
				2.30			End of Pit at 2.30m

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Trial Pit Photographs



TP207 Pit



TP207 arisings

Remarks: 1. Complete. 2. Slight hydrocarbon odour encountered from 0.25-0.60mbgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP208
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340803.05 - 398616.40	Date 11/11/2023
Location: Kirkby		Dimensions (m): 1.70 x 0.70	Scale 1:30
Client: BDW Trading		Depth 2.00	Logged I.Diack

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10			MADE GROUND: Asphalt and Macadam.
	0.30	ES					MADE GROUND: Grey slightly sandy gravel. Gravel is fine to coarse, subangular to subrounded of limestone and mudstone (sub base).
				0.45			
				0.60			MADE GROUND: Black very sandy gravel with frequent cobbles. Gravel is fine to coarse, angular to subrounded of brick, limestone, sandstone and mudstone. Cobbles are angular to subangular of brick.
	0.80	HVP	148				Stiff light reddish brown slightly sandy gravelly CLAY. Gravel is fine to coarse, subangular to rounded of sandstone and mudstone.
	1.20	ES					
	1.20	HVP	148				
				2.00			End of Pit at 2.00m

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Trial Pit Photographs



TP208 Pit



TP208 Arisings

Remarks: 1. Complete. 2. Clay becoming very friable from 1.40mbgl.

Stability: Stable

Trial Pit Log

TrialPit No: TP209
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340849.81 - 398636.99 Level:	Date 11/11/2023
Location: Kirkby		Dimensions (m): 2.30 x 0.60 Depth 1.80	Scale 1:30
Client: BDW Trading			Logged I.Diack

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10			MADE GROUND: Asphalt and Macadam.
							MADE GROUND: Grey slightly sandy gravel. Gravel is fine to coarse, subangular to subrounded of limestone and mudstone (sub base).
				0.80			Firm reddish brown slightly gravelly very clayey fine to medium SAND with rare cobbles. Gravel is fine to coarse, subangular to subrounded of sandstone and mudstone. Cobbles are subangular of sandstone. (Becoming firm to stiff at 1.80mbgl).
	1.60	HVP	73				
	1.80	HVP	90	1.80			End of Pit at 1.80m

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Trial Pit Photographs



TP209 Pit



TP209 arisings

Remarks: 1. Complete.

Stability: Stable

Trial Pit Log

TrialPit No: TP210
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340821.16 - 398647.98 Level:	Date 11/11/2023
Location: Kirkby		Dimensions (m): 1.60 x 0.60 Depth 0.90	Scale 1:30
Client: BDW Trading			Logged I.Diack

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20			MADE GROUND: Asphalt and Macadam.
				0.50			MADE GROUND: Grey slightly sandy gravel. Gravel is fine to coarse, subangular to subrounded of limestone and mudstone (sub base).
	0.70	ES					MADE GROUND: Reddish brown very sandy gravel with frequent cobbles. Gravel is fine to coarse, angular to subrounded of brick, concrete, asphalt, sandstone, and mudstone, with rare fragments of cloth and plastic.
	0.90	B		0.90			End of Pit at 0.90m

Trial Pit Photographs



TP210 Pit



TP210 Arisings

Remarks: 1. Terminated at 0.90mbgl due to water pooling at base of trial pit and unable to break through compacted Made Ground.

Stability: Unstable from 0.80mbgl.

Trial Pit Log

			TrialPit No TP211 Sheet 1 of 1
Project Name: Cherryfields	Project No. 15280	Co-ords: 340886.72 - 398686.95 Level:	Date 11/11/2023
Location: Kirkby		Dimensions (m): 1.70 x 0.70 Depth 2.50	Scale 1:30
Client: BDW Trading			Logged I.Diack

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	ES		0.30			MADE GROUND: Dark brown very gravelly clay with frequent rootlets. Gravel is fine to medium, subangular to subrounded of brick, sandstone and mudstone (reworked topsoil).
							MADE GROUND: Dark brown sandy gravelly clay with occasional cobbles. Gravel is fine to coarse, subangular to subrounded of mudstone, sandstone and rare brick. Cobbles are angular to subangular of brick with rare rebar at 0.60mbgl. (Slight hydrocarbon odour).
				2.50			End of Pit at 2.50m

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Trial Pit Photographs



TP211 Pit



TP211 Arisings

Remarks: 1. Terminated due to instability at base. 2. Slight hydrocarbon odour encountered from 0.30-2.50mbgl.

Stability: Unstable from 1.0mbgl.

Trial Pit Log

			TrialPit No TP212 Sheet 1 of 1
Project Name: Cherryfields	Project No. 15280	Co-ords: 340899.59 - 398723.73 Level:	Date 11/11/2023
Location: Kirkby		Dimensions (m): 1.60 x 0.60 Depth 2.20	Scale 1:30
Client: BDW Trading			Logged I.Diack

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.20			MADE GROUND: Asphalt and Macadam.
	1.20	ES					MADE GROUND: Light brown slightly clayey very gravelly fine to medium sand with occasional cobbles. Gravel is fine to coarse, angular to subrounded of brick, sandstone, mudstone, and concrete, with rare fragments of timber, cloth, and plastic. Cobbles are angular to subangular of brick.
	1.60	HVP	141	1.30			Stiff reddish brown slightly sandy gravelly CLAY. Gravel is fine to coarse, subangular to rounded of sandstone and mudstone.
	2.00 2.00	ES HVP	131	2.20			End of Pit at 2.20m

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Trial Pit Photographs



TP212 Pit



TP212 Arisings

Remarks: 1. Complete.

Stability: Stable

Borehole Log

Borehole No. **WS201**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	340822E - 398554N	Hole Type WS
Location:	Kirkby		Level:		Scale 1:50
Client:	BDW Trading		Dates:	11/11/2023	Logged By I.Diack

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.30			MADE GROUND: Asphalt and Macadam.
		1.00	SPT	N=11 (2,2/2,3,3,3)	1.00			MADE GROUND: Blackish brown very sandy gravel with occasional cobbles. Gravel is fine to coarse, angular to subrounded of brick, asphalt, concrete, sandstone, and mudstone with rare fragments of plastic, and ashy constituents. Cobbles are angular to subangular of brick (Slight Hydrocarbon Odour).
		1.50	ES					MADE GROUND: Blackish brown slightly silty very gravelly clay with rare cobble. Gravel is fine to coarse, angular to subrounded of brick, concrete, sandstone, and mudstone with rare fragments of plastic, timber and ashy constituents. Cobbles are angular of brick. (Slight hydrocarbon odour).
		2.00	SPT	N=9 (2,1/3,2,2,2)				
					2.45			NO RECOVERY: Anticipated to comprise - Blackish brown slightly silty very gravelly clay with rare cobble. Gravel is fine to coarse, angular to subrounded of brick, conrete, sandstone, and mudstone with rare fragments of plastic, timber, and ashy constituent. Cobbles are angular of brick.
		3.00	SPT	N=23 (2,4/5,6,6,6)	3.00			Medium Dense reddish brown very clayey fine to medium SAND. (Slight hydrocarbon and organic odour). (Becoming dense at 4.00mbgl).
		3.70	ES					
		4.00	SPT	50 (6,9/50 for 275mm)				
					4.43			End of Borehole at 4.43m

Remarks

1. Refusal on dense sand at 4.43mbgl. 2. Environmental monitoring well installed response zone 0.50 - 3.00mgl. 3. Very slow drilling through upper 1.00mbgl of Made Ground. 4. Strong Hydrocarbon odour encountered from 0.30-2.45mbgl. 5. Slight hydrocarbon and strong organic odour encountered from 3.0 - 4.45mbgl.

Borehole Log

Borehole No. **WS202**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords: 340844E - 398591N	Hole Type WS
Location:	Kirkby		Level:	Scale 1:50
Client:	BDW Trading		Dates: 11/11/2023	Logged By I.Diack

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.20			MADE GROUND: Asphalt and Macadam.
		0.50	ES		0.40			MADE GROUND: Dark grey silty sandy gravel. Gravel is fine to coarse, angular to subrounded of limestone, concrete, and asphalt. (sub base).
		0.80	ES		0.60			MADE GROUND: reddish brown slightly silty sandy gravel. Gravel is fine to coarse, subangular to subrounded of sandstone, mudstone, brick, asphalt, and concrete. (Slight Hydrocarbon Odour).
		1.00	SPT	N=9 (2,2/2,3,2,2)				Stiff medium strength reddish brown slightly gravelly CLAY. Gravel is fine to coarse, subangular to rounded of sandstone and mudstone. (Slight hydrocarbon odour).
		1.50 - 2.00	U					
		2.00	SPT	N=20 (3,4/5,4,5,6)	2.00			Medium dense reddish brown slightly gravelly very clayey fine to medium SAND. Gravel is fine to medium, subangular to subrounded of sandstone and mudstone. (Becoming dense at 3.00mbgl).
		3.00	SPT	50 (7,10/50 for 285mm)				
					3.44			End of Borehole at 3.44m

Remarks

1. Refusal on dense sand at 3.44mbgl. 2. Environmental monitoring well installed response zone 2.00 - 3.00mgl. 3. Slight hydrocarbon odour encountered from 0.40 - 0.70mbgl.

Borehole Log

Borehole No. **WS203**

Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 340836E - 398632N	Hole Type WS
Location: Kirkby		Level:	Scale 1:50
Client: BDW Trading		Dates: 11/11/2023	Logged By I.Diack

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.40	ES		0.25			MADE GROUND: Asphalt and Macadam.
					0.55			MADE GROUND: Dark brown mottled red very sandy very gravelly clay with rare cobble. Gravel is fine to coarse, angular to subrounded of brick, sandstone, concrete, limestone, and mudstone. Cobbles are subangular of brick.
		1.00	SPT	N=11 (2,3/2,3,3,3)				Stiff medium strength reddish brown slightly gravelly very sandy CLAY. Gravel is fine to medium, subangular to subrounded of mudstone and sandstone.
					1.60			Medium dense reddish brown very clayey fine to medium SAND. (Becoming dense at 3.00mbgl).
		2.00	SPT	N=29 (3,5/6,8,7,8)				
		3.00	SPT	50 (8,10/50 for 245mm)				
					3.40			End of Borehole at 3.40m

1 2 3 4 5 6 7 8 9 10

Remarks

1. Refusal on dense sand 3.40mbgl.

Borehole Log

Borehole No. **WS204**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	340830E - 398668N	Hole Type WS
Location:	Kirkby		Level:		Scale 1:50
Client:	BDW Trading		Dates:	11/11/2023	Logged By I.Diack

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.15			MADE GROUND: Asphalt and Macadam.
		0.40	ES		0.60			MADE GROUND: Grey and reddish black very sandy gravel with frequent cobbles. Gravel is fine to coarse, angular to rounded of brick, concrete, sandstone, and mudstone, with frequent fragments of timber, plastic and cloth. Cobbles are angular to subangular of brick (Slight Hydrocarbon Odour).
	1.00	1.20	SPT	N=7 (1,2/1,2,2,2)	1.00			MADE GROUND: Dark grey slightly sandy gravel. Gravel is fine to coarse, subangular to rounded of concrete, sandstone and rare brick.
		1.50 - 2.00	U		1.50			Firm low strength light brown slightly gravelly very sandy CLAY. Gravel is fine to coarse, subangular to rounded of sandstone and mudstone.
		2.00	SPT	N=14 (2,4/3,3,4,4)				Medium Dense light brown very clayey fine to medium SAND. (Becoming dense at 3.00mbgl).
		3.00	SPT	50 (5,8/50 for 290mm)				
		3.10	ES		3.44			End of Borehole at 3.44m

Remarks

1. Refusal on dense sand at 3.44mbgl. 2. Environmental monitoring well installed response zone 1.50 - 3.00mbgl. 3. Slight hydrocarbon odour was encountered from 0.15-0.60mbgl within Made Ground. 4. Water strike encountered at 1.00mbgl.

Borehole Log

Borehole No. **WS205**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	340864E - 398690N	Hole Type WS
Location:	Kirkby		Level:		Scale 1:50
Client:	BDW Trading		Dates:	11/11/2023	Logged By I.Diack

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.20			MADE GROUND: Dark brown very gravelly clay with frequent rootlets. Gravel is fine to medium, subangular to subrounded of brick, sandstone and mudstone (reworked topsoil).
		0.70	SPT	50 (25 for 0mm/50 for 0mm)	0.70			MADE GROUND: Dark brown sandy gravelly clay with occasional cobbles. Gravel is fine to coarse, subangular to subrounded of mudstone, sandstone and rare brick. Cobbles are angular to subangular of brick.
								End of Borehole at 0.70m

Remarks

1. Refusal on brick obstruction. 2. Moved location.

Borehole Log

Borehole No. **WS205a**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords:	340864E - 398690N	Hole Type WS
Location:	Kirkby		Level:		Scale 1:50
Client:	BDW Trading		Dates:	11/11/2023	Logged By I.Diack

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.20			MADE GROUND: Dark brown very gravelly clay with frequent rootlets. Gravel is fine to medium, subangular to subrounded of brick, sandstone and mudstone (reworked topsoil).
		0.70	SPT	50 (25 for 0mm/50 for 0mm)	0.70			MADE GROUND: Dark brown sandy gravelly clay with occasional cobbles. Gravel is fine to coarse, subangular to subrounded of mudstone, sandstone and rare brick. Cobbles are angular to subangular of brick.
								End of Borehole at 0.70m

1 2 3 4 5 6 7 8 9 10

Remarks

1. Refusal on brick obstruction at 0.70mbgl.

Borehole Log

Borehole No. **WS206**

Sheet 1 of 1

Project Name:	Cherryfields	Project No. 15280	Co-ords: 340911E - 398721N	Hole Type WS
Location:	Kirkby		Level:	Scale 1:50
Client:	BDW Trading		Dates: 11/11/2023	Logged By I.Diack

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.20			MADE GROUND: Asphalt and Macadam.
					0.35			MADE GROUND: Light grey slightly sandy gravel. Gravel is fine to coarse, angular to subrounded of limestone, mudstone, and concrete (sub base).
					0.80			MADE GROUND: Light brown and red slightly clayey very sandy gravel with occasional cobbles. Gravel is fine to coarse, angular to subrounded of sandstone and mudstone. Cobbles are subangular of brick.
		0.90 1.00	ES SPT	N=7 (2,3/2,1,2,2)				
		1.70	ES					Low strength firm black mottled light brown gravelly very sandy CLAY. Gravel is fine to medium, subangular to subrounded of sandstone and mudstone. (Slight Hydrocarbon odour). (Becoming stiff medium strength at 2.00mbgl).
		2.00 - 2.45 2.00	U SPT	N=15 (2,5/6,3,3,3)				
					2.60			Reddish brown slightly clayey fine to medium SAND.
		3.00	SPT	50 (6,8/50 for 290mm)	3.00			Very Stiff very high strength brown slightly sandy gravelly CLAY. Gravel is fine to coarse, angular to rounded of mudstone and sandstone.
					3.20			Dense reddish brown slightly clayey fine to medium SAND.
					3.44			End of Borehole at 3.44m

1 2 3 4 5 6 7 8 9 10

Remarks

1. Refusal on dense sand at 3.44mbgl. 2. Environmental monitoring well installed response zone 1.00-2.50mbgl. 3. Slight hydrocarbon odour encountered from 0.80-2.60mbgl within clay.

APPENDIX V
GAS MONITORING RESULTS



e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	1	
	Job Number: 15280			Date:	22/02/2022	
				Weather:	Overcast	
				Temperature:	8.00	(°C)
	Drafted: TP	Rev: PW	Auth:	Start Time:	Start Pressure:	1006
				End Time:	End Pressure:	1009

Comments:

Flooded Wells: 9
Damaged Wells: 0 Couldn't locate: 11 Obstructed: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	1008		0.1	6.6	8.3	1.6	0	0	1.75	Dry
		60				6.6	8.4	0.9	0	0		
		90				6.7	8.5	0.5	0	0		
		120				6.7	8.5	0.3	0	0		
		150				6.7	8.5	0.1	0	0		
		180				6.7	8.5	0.1	0	0		
		210				6.8	8.5	0.1	0	0		
		240				6.8	8.5	0.1	0	0		
		270				6.8	8.5	0.1	0	0		
		300				6.8	8.5	0.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	6.8	8.5	1.6	0.0	0.0		
	STEADY				0.1	6.8	8.5	0.1	0.0	0.0		
WS102	1.00 - 3.00	30	1008		0.1	1.8	7.5	6	0	0	2.55	Dry
		60				1.9	7.7	5.4	0	0		
		90				2	7.8	4.7	0	0		
		120				2	7.9	4.2	0	0		
		150				2.1	8.1	4	0	0		
		180				2.2	8.3	3.8	0	0		
		210				2.2	8.4	3.6	0	0		
		240				2.3	8.6	3.4	0	0		
		270				2.4	8.8	3.2	0	0		
		300				2.5	9	3.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	2.5	9.0	6.0	0.0	0.0		
	STEADY				0.1	2.5	9.0	3.1	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
		30	1008		0.1	0.1	6.8	6.4	0	0		
		60				0.1	6.8	5.7	0	0		
		90				0.1	6.8	5.1	0	0		
		120				0.1	6.8	4.9	0	0		
		150				0.1	6.8	4.8	0	0		
		180				0.1	6.9	4.7	0	0		
		210				0.1	6.9	4.6	0	0		
		240				0.1	6.9	4.5	0	0		
		270				0.1	6.9	4.4	0	0		

Site:	Cherryfield Drive, Kirkby	**Visit Number:**	1			
Job Number:	15280	**Date:**	22/02/2022			
		Weather:	Overcast			
		Temperature:	8.00	(°C)		

Drafted	**Rev**	**Auth**	**Start Time:**		**Start Pressure:**	1006
TP	PW		**End Time:**		**End Pressure:**	1009

Comments:

Flooded Wells: 9
Damaged Wells: 0 Couldn't locate: 11 Obstructed: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105	0.50 - 2.50	300				**0.1**	**6.9**	**4.3**	**0**	**0**	**2.2**	**1.5**
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	6.9	6.4	0.0	0.0		
	STEADY				0.1	0.1	6.9	4.3	0.0	0.0		
WS106	1.00 - 3.00	30	**1008**		**0.1**	**0.1**	**6.1**	**10.8**	**0**	**0**	**2.8**	**2.3**
		60				**0.1**	**6.1**	**10.8**	**0**	**0**		
		90				**0.1**	**6.1**	**10.8**	**0**	**0**		
		120				**0.1**	**6.1**	**10.7**	**0**	**0**		
		150				**0.1**	**6.1**	**10.7**	**0**	**0**		
		180				**0.1**	**6.2**	**10.7**	**0**	**0**		
		210				**0.1**	**6.2**	**10.7**	**0**	**0**		
		240				**0.1**	**6.2**	**10.7**	**0**	**0**		
		270				**0.1**	**6.2**	**10.7**	**0**	**0**		
		300				**0.4**	**6.2**	**10.7**	**0**	**0**		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.4	6.2	10.8	0.0	0.0		
	STEADY				0.1	0.4	6.2	10.7	0.0	0.0		
WS108	0.80 - 2.80	30	**1008**		**0.1**	**44.4**	**7.5**	**4**	**0**	**0**	**2.6**	**1.5**
		60				**45.2**	**7.5**	**2.9**	**0**	**0**		
		90				**45.5**	**7.6**	**2.7**	**0**	**0**		
		120				**45.6**	**7.6**	**2.6**	**0**	**0**		
		150				**45.5**	**7.6**	**2.6**	**0**	**0**		
		180				**45.7**	**7.8**	**2.6**	**0**	**0**		
		210				**45.7**	**7.7**	**2.6**	**0**	**0**		
		240				**45.7**	**7.6**	**2.6**	**0**	**0**		
		270				**45.7**	**7.6**	**2.6**	**0**	**0**		
		300				**45.8**	**7.6**	**2.5**	**0**	**0**		
		330				**45.8**	**7.6**	**2.5**				
		360				**45.8**	7.6	2.5				
		390				**45.9**	7.6	2.5				
		420				**45.9**	7.6	2.5				
		450				**46**	7.6	2.5				
		480				**46**	7.6	2.5				
		510				**46**	7.6	2.5				
		540				**46.1**	7.5	2.5				
		570				**46.1**	7.5	2.5				
		600				**46.1**	7.5	2.5				
	MAX				0.1	46.1	7.8	4.0	0.0	0.0		
	STEADY				0.1	46.1	7.5	2.5	0.0	0.0		
WS110	0.25 - 1.25	30	Location Damaged - repaired for future visits.									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	1			
	Job Number: 15280			Date:	22/02/2022			
				Weather:	Overcast			
				Temperature:	8.00	(°C)		
	Drafted	Rev	Auth	Start Time:		Start Pressure:	1006	
	TP	PW		End Time:		End Pressure:	1009	
Comments:								
Flooded Wells: 9 Damaged Wells: 0 Couldn't locate: 11 Obstructed: 4								

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
WS111	0.50 - 3.00	30	1008		0.1	5.6	4.9	6.7	0	0	3.2	2.6
		60				5.7	4.9	6.9	0	0		
		90				5.8	4.9	6.9	0	0		
		120				5.9	5	6.8	0	0		
		150				5.9	5	6.8	0	0		
		180				6	5.1	6.7	0	0		
		210				6	5.2	6.7	0	0		
		240				6.1	5.2	6.6	0	0		
		270				6.2	5.3	6.5	0	0		
		300				6.2	5.3	6.4	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	6.2	5.3	6.9	0.0	0.0		
	STEADY				0.1	6.2	5.3	6.4	0.0	0.0		
WS113	1.00 - 2.00	30	1009		6.4	0.1	3.1	12.9	10	0	1.7	1.5
		60			0.1	0.1	3.1	13.1	10	0		
		90			0.1	0.1	3.1	13.1	10	0		
		120			0.1	0.1	3.1	13.1	10	0		
		150			0.1	0.1	3.1	13.2	10	0		
		180			0.1	0.1	3.1	13.1	10	0		
		210			0.1	0.1	3.1	13.1	10	0		
		240			0.1	0.1	3.1	13.1	10	0		
		270			0.1	0.1	3.1	13.1	10	0		
		300			0.1	0.1	3.1	13.1	10	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				6.4	0.1	3.1	13.2	10.0	0.0		
	STEADY				0.1	0.1	3.1	13.1	10.0	0.0		
WS114	1.00 - 2.00	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
WS115	1.00 - 2.00	30	Monitoring Location under water - Flooded									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										

Site:	Cherryfield Drive, Kirkby	**Visit Number:**	1		
Job Number:	15280	**Date:**	22/02/2022		
		Weather:	Overcast		
		Temperature:	8.00	(°C)	

Drafted	Rev	Auth	Start Time:		Start Pressure:	1006
TP	PW		End Time:		End Pressure:	1009

Comments:

Flooded Wells: 9
Damaged Wells: 0 Couldn't locate: 11 Obstructed: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
		30	1007		0.1	0.1	4.7	14.8	0	0		
		60				0.1	4.6	14.6	0	0		
		90				0.1	4.6	14.4	0	0		
		120				0.1	4.6	14.3	0	0		
		150				0.1	4.6	14.2	0	0		
		180				0.1	4.6	14.2	0	0		
		210				0.1	4.6	14.2	0	0		
		240				0.1	4.6	14.3	0	0		
		270				0.1	4.6	14.3	0	0		
		300				0.1	4.6	14.3	0	0		
WS117	1.00 - 2.50	330									2.4	1.2
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	4.7	14.8	0.0	0.0		
	STEADY				0.1	0.1	4.6	14.3	0.0	0.0		
		30										
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
WS118	1.00 - 2.00	330	Location Damaged - repaired for future visits.									
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
		30	1006		0.1	0.1	1.7	18.8	0	0		
		60				0.1	1.7	18.7	0	0		
		90				0.1	1.8	18.8	0	0		
		120				0.1	1.7	18.7	0	0		
		150				0.1	1.8	18.7	0	0		
		180				0.1	1.9	18.6	0	0		
		210				0.1	1.9	18.5	0	0		
		240				0.1	2	18.5	0	0		
		270				0.1	2	18.4	0	0		
		300				0.1	2.1	18.4	0	0		
WS119	0.50 - 3.50	330									2.65	0.6
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	2.1	18.8	0.0	0.0		
	STEADY				0.1	0.1	2.1	18.4	0.0	0.0		
		30	1008		0.1	0.1	0.2	17.6	0	0		

Site:	Cherryfield Drive, Kirkby	**Visit Number:**	1		
Job Number:	15280	**Date:**	22/02/2022		
		Weather:	Overcast		
		Temperature:	8.00	(°C)	

Drafted	Rev	Auth	Start Time:		Start Pressure:	1006
TP	PW		End Time:		End Pressure:	1009

Comments:

Flooded Wells: 9
Damaged Wells: 0 Couldn't locate: 11 Obstructed: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS120	1.00 - 2.00	60				**0.1**	**0.1**	**18.4**	**0**	**0**	**1.4**	**1.2**
		90				**0.1**	**0.1**	**18.7**	**0**	**0**		
		120				**0.1**	**0.1**	**18.8**	**0**	**0**		
		150				**0.1**	**0.1**	**18.9**	**0**	**0**		
		180				**0.1**	**0.1**	**19**	**0**	**0**		
		210				**0.1**	**0.1**	**19**	**0**	**0**		
		240				**0.1**	**0.1**	**19**	**0**	**0**		
		270				**0.1**	**0.1**	**19.1**	**0**	**0**		
		300				**0.1**	**0.1**	**19.1**	**0**	**0**		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.2	19.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.1	0.0	0.0		
WS121	0.50 - 1.50	30	**1006**		**0.1**	**0.1**	**2.2**	**15.2**	**0**	**0**	**1.2**	**0.6**
		60				**0.1**	**2.1**	**14.8**	**0**	**0**		
		90				**0.1**	**2.1**	**14.5**	**0**	**0**		
		120				**0.1**	**2.1**	**14.4**	**0**	**0**		
		150				**0.1**	**2.1**	**14.3**	**0**	**0**		
		180				**0.1**	**2.1**	**14.4**	**0**	**0**		
		210				**0.1**	**2.1**	**14.4**	**0**	**0**		
		240				**0.1**	**2.1**	**14.5**	**0**	**0**		
		270				**0.1**	**2.1**	**14.5**	**0**	**0**		
		300				**0.1**	**2.1**	**14.6**	**0**	**0**		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	2.2	15.2	0.0	0.0		
	STEADY				0.1	0.1	2.1	14.6	0.0	0.0		
WS122	0.50 - 1.50	30	Location Damaged - repaired for future visits.									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
WS123	0.50 - 3.00	30	Location Damaged - repaired for future visits.									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										

Site:	Cherryfield Drive, Kirkby	Visit Number:	1		
Job Number:	15280	Date:	22/02/2022		
		Weather:	Overcast		
		Temperature:	8.00	(°C)	

Drafted	Rev	Auth	Start Time:		Start Pressure:	1006
TP	PW		End Time:		End Pressure:	1009

Comments:

Flooded Wells: 9
Damaged Wells: 0 Couldn't locate: 11 Obstructed: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
WS124	1.00 - 4.00	30	1009		0.1	13.5	5.4	1.3	0	0		
		60				13.6	5.2	1	0	0		
		90				13.7	5.2	0.6	0	0		
		120				13.7	5.2	0.3	0	0		
		150				13.7	5.2	0.1	0	0		
		180				13.7	5.2	0.1	0	0		
		210				13.7	5.2	0.1	0	0		
		240				13.7	5.2	0.1	0	0		
		270				13.7	5.2	0.1	0	0		
		300				13.7	5.2	0.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	13.7	5.4	1.3	0.0	0.0		
	STEADY				0.1	13.7	5.2	0.1	0.0	0.0		
WS125	0.50 - 1.00	30	1006		0.1	0.1	2.1	16.8	0	0	1	0.55
		60				0.1	2	16.3	0	0		
		90				0.1	2	15.7	0	0		
		120				0.1	2	15.5	0	0		
		150				0.1	2.1	15.6	0	0		
		180				0.1	2.1	15.8	0	0		
		210				0.1	2.1	15.9	0	0		
		240				0.1	2.1	16.1	0	0		
		270				0.1	2	16.1	0	0		
		300				0.1	2	16.2	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	2.1	16.8	0.0	0.0		
	STEADY				0.1	0.1	2.0	16.2	0.0	0.0		
WS126	0.60 - 1.60	30	1008		0.1	0.1	1	18.1	0	0		
		60				0.1	1	18.1	0	0		
		90				0.1	1	18.1	0	0		
		120				0.1	1	18.1	0	0		
		150				0.1	1	18.1	0	0		
		180				0.1	1	18	0	0		
		210				0.1	1	18	0	0		
		240				0.1	1	18	0	0		
		270				0.1	1	18	0	0		
		300				0.4	1	18	0	0		
		330									1.35	1.15
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.4	1.0	18.1	0.0	0.0		
	STEADY				0.1	0.4	1.0	18.0	0.0	0.0		
		30	1010		0.1	0.1	0.1	19.1	0	0		
		60				0.1	0.1	19.1	0	0		
		90				0.1	0.1	19.1	0	0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	1			
	Job Number: 15280			Date:	22/02/2022			
				Weather:	Overcast			
				Temperature:	8.00	(°C)		
	Drafted	Rev	Auth	Start Time:		Start Pressure:	1006	
	TP	PW		End Time:		End Pressure:	1009	

Comments:

Flooded Wells: 9
Damaged Wells: 0 Couldn't locate: 11 Obstructed: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS128	1.00 - 3.00	120				0.1	0.1	19.1	0	0	2.2	1.2
		150				0.1	0.1	19.1	0	0		
		180				0.1	0.1	19.2	0	0		
		210				0.1	0.1	19.2	0	0		
		240				0.1	0.1	19.2	0	0		
		270				0.1	0.1	19.2	0	0		
		300				0.1	0.1	19.2	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.2	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.2	0.0	0.0		
WS129	1.00 - 3.50	30	Location destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
WS130	1.00 - 3.00	30	Location Damaged - repaired for future visits.									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
WS132	1.00 - 4.00	30	1010		0.1	0.1	0.4	18.3	0	0	3.8	1.35
		60				0.1	0.4	18.4	0	0		
		90				0.1	0.3	18.5	0	0		
		120				0.1	0.3	18.6	0	0		
		150				0.1	0.3	18.7	0	0		
		180				0.1	0.3	18.7	0	0		
		210				0.1	0.3	18.8	0	0		
		240				0.1	0.2	18.8	0	0		
		270				0.1	0.2	18.8	0	0		
		300				0.1	0.2	18.8	0	0		
		330										
		360										
		390										
		420										
		450										

Site:	Cherryfield Drive, Kirkby	**Visit Number:**	1		
Job Number:	15280	**Date:**	22/02/2022		
		Weather:	Overcast		
		Temperature:	8.00	(°C)	

Drafted	Rev	Auth	Start Time:		Start Pressure:	1006
TP	PW		End Time:		End Pressure:	1009

Comments:

Flooded Wells: 9
Damaged Wells: 0 Couldn't locate: 11 Obstructed: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.4	18.8	0.0	0.0		
	STEADY				0.1	0.1	0.2	18.8	0.0	0.0		
WS133	0.50 - 3.90	30	**1007**		**0.1**	**0.1**	**2.3**	**14.5**	**0**	**0**	**1.55**	**1.4**
		60				**0.1**	**2.2**	**13.9**	**0**	**0**		
		90				**0.1**	**2.2**	**13.7**	**0**	**0**		
		120				**0.1**	**2.2**	**13.6**	**0**	**0**		
		150				**0.1**	**2.2**	**13.5**	**0**	**0**		
		180				**0.1**	**2.2**	**13.5**	**0**	**0**		
		210				**0.1**	**2.2**	**13.5**	**0**	**0**		
		240				**0.1**	**2.2**	**13.4**	**0**	**0**		
		270				**0.1**	**2.2**	**13.4**	**0**	**0**		
		300				**0.1**	**2.2**	**13.4**	**0**	**0**		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	2.3	14.5	0.0	0.0		
	STEADY				0.1	0.1	2.2	13.4	0.0	0.0		
WS135	0.50 - 3.00	30	Monitoring Location under water - Flooded									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
WS136	0.50 - 3.50	30	Monitoring Location under water - Flooded									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
		30	**1012**		**0.1**	**0.1**	**1.6**	**15.8**	**0**	**0**		
		60				**0.1**	**1.5**	**15.9**	**0**	**0**		
		90				**0.1**	**1.5**	**16.1**	**0**	**0**		
		120				**0.1**	**1.4**	**16.3**	**0**	**0**		
		150				**0.1**	**1.4**	**16.3**	**0**	**0**		

Site:	Cherryfield Drive, Kirkby	Visit Number:	1		
Job Number:	15280	Date:	22/02/2022		
		Weather:	Overcast		
		Temperature:	8.00	(°C)	

Drafted	Rev	Auth	Start Time:		Start Pressure:	1006
TP	PW		End Time:		End Pressure:	1009

Comments:

Flooded Wells: 9
Damaged Wells: 0 Couldn't locate: 11 Obstructed: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS137	2.00 - 3.00	180				0.1	1.4	16.3	0	0	2.3	2.1
		210				0.1	1.4	16.4	0	0		
		240				0.1	1.4	16.4	0	0		
		270				0.1	1.4	16.4	0	0		
		300				0.1	1.3	16.5	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	1.6	16.5	0.0	0.0		
	STEADY				0.1	0.1	1.3	16.5	0.0	0.0		
WS138	1.00 - 4.00	30	1006		25.3	0.1	1.4	16.1	0	0	2.22	1.2
		60				0.1	1.4	15.9	0	0		
		90				0.1	1.4	15.8	0	0		
		120				0.1	1.4	15.8	0	0		
		150				0.1	1.4	15.7	0	0		
		180				0.1	1.4	15.7	0	0		
		210				0.1	1.4	15.7	0	0		
		240				0.1	1.4	15.7	0	0		
		270				0.1	1.4	15.7	0	0		
		300				0.1	1.4	15.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				25.3	0.1	1.4	16.1	0.0	0.0		
	STEADY				25.3	0.1	1.4	15.7	0.0	0.0		
WS140	1.00 - 3.00	30	1006		0.1	0.1	0.3	18.5	0	0	2.85	2.05
		60				0.1	0.3	18.6	0	0		
		90				0.1	0.3	18.6	0	0		
		120				0.1	0.3	18.6	0	0		
		150				0.1	0.3	18.6	0	0		
		180				0.1	0.3	18.6	0	0		
		210				0.1	0.3	18.6	0	0		
		240				0.1	0.3	18.6	0	0		
		270				0.1	0.3	18.6	0	0		
		300				0.1	0.3	18.6	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.3	18.6	0.0	0.0		
	STEADY				0.1	0.1	0.3	18.6	0.0	0.0		
WS141	1.00 - 3.00	30	Location Damaged - repaired for future visits.									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										

Site:	Cherryfield Drive, Kirkby	**Visit Number:**	1		
Job Number:	15280	**Date:**	22/02/2022		
		Weather:	Overcast		
		Temperature:	8.00	(°C)	

Drafted	Rev	Auth	Start Time:		Start Pressure:	1006
TP	PW		End Time:		End Pressure:	1009

Comments:

Flooded Wells: 9
Damaged Wells: 0 Couldn't locate: 11 Obstructed: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
WS142	1.00 - 3.00	30	**1007**		**0.1**	**0.1**	**0.1**	**19.1**	**0**	**0**	**2.3**	**1.3**
		60				**0.1**	**0.1**	**19.1**	**0**	**0**		
		90				**0.1**	**0.1**	**19.2**	**0**	**0**		
		120				**0.1**	**0.1**	**19.1**	**0**	**0**		
		150				**0.1**	**0.1**	**19.2**	**0**	**0**		
		180				**0.1**	**0.1**	**19.2**	**0**	**0**		
		210				**0.1**	**0.1**	**19.2**	**0**	**0**		
		240				**0.1**	**0.1**	**19.2**	**0**	**0**		
		270				**0.1**	**0.1**	**19.2**	**0**	**0**		
		300				**0.1**	**0.1**	**19.2**	**0**	**0**		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.2	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.2	0.0	0.0		
WS144	1.00 - 3.00	30	Unable to access location									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
WS147	1.00 - 2.00	30	**1009**		**3.3**	**0.1**	**0.1**	**17.7**	**0**	**0**	**1.5**	**1.35**
		60				**0.1**	**0.1**	**17.9**	**0**	**0**		
		90				**0.1**	**0.1**	**18**	**0**	**0**		
		120				**0.1**	**0.1**	**18**	**0**	**0**		
		150				**0.1**	**0.1**	**18**	**0**	**0**		
		180				**0.1**	**0.1**	**18**	**0**	**0**		
		210				**0.1**	**0.1**	**18.1**	**0**	**0**		
		240				**0.1**	**0.1**	**18.1**	**0**	**0**		
		270				**0.1**	**0.1**	**18.1**	**0**	**0**		
		300				**0.1**	**0.1**	**18.1**	**0**	**0**		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				3.3	0.1	0.1	18.1	0.0	0.0		
	STEADY				3.3	0.1	0.1	18.1	0.0	0.0		
		30										
		60										
		90										
		120										
		150										
		180										
		210										

Site:	Cherryfield Drive, Kirkby	**Visit Number:**	1		
Job Number:	15280	**Date:**	22/02/2022		
		Weather:	Overcast		
		Temperature:	8.00	(°C)	

Drafted	Rev	Auth	Start Time:		Start Pressure:	1006
TP	PW		End Time:		End Pressure:	1009

Comments:

Flooded Wells: 9
Damaged Wells: 0 Couldn't locate: 11 Obstructed: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS148	1.00 - 3.00	240	Unable to be located – Assumed Destroyed									
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
WS149A	0.50 - 1.00	30	1008		0.1	0.1	0.1	18.6	0	0	0.7	Dry
		60				0.1	0.1	18.8	0	0		
		90				0.1	0.1	19	0	0		
		120				0.1	0.1	19.1	0	0		
		150				0.1	0.1	19.1	0	0		
		180				0.1	0.1	19.2	0	0		
		210				0.1	0.1	19.3	0	0		
		240				0.1	0.1	19.3	0	0		
		270				0.1	0.1	19.3	0	0		
		300				0.1	0.1	19.4	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.4	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.4	0.0	0.0		
WS151	1.00 - 3.00	30	999		0.1	0.1	0.8	18.2	10	0	1.85	1.25
		60				0.1	0.7	18	10	0		
		90				0.1	0.7	17.9	10	0		
		120				0.1	0.7	17.9	10	0		
		150				0.1	0.7	17.9	10	0		
		180				0.1	0.7	17.9	10	0		
		210				0.1	0.7	17.9	10	0		
		240				0.1	0.7	17.8	10	0		
		270				0.1	0.7	17.8	10	0		
		300				0.1	0.7	17.8	10	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.8	18.2	10.0	0.0		
	STEADY				0.1	0.1	0.7	17.8	10.0	0.0		
WS152	0.50 - 2.50	30	Unable to access location									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										

Site:	Cherryfield Drive, Kirkby	**Visit Number:**	1		
Job Number:	15280	**Date:**	22/02/2022		
		Weather:	Overcast		
		Temperature:	8.00	(°C)	

Drafted	Rev	Auth	Start Time:		Start Pressure:	1006
TP	PW		End Time:		End Pressure:	1009

Comments:

Flooded Wells: 9
Damaged Wells: 0 Couldn't locate: 11 Obstructed: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
WS153A	0.50 - 1.00	30	**999**		**0.1**	**0.1**	**0.7**	**18.9**	**0**	**0**	**0.8**	**0.5**
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.7	18.9	0.0	0.0		
	STEADY				0.1	0.1	0.7	18.9	0.0	0.0		
WS157	1.00 - 2.00	30	Monitoring Location under water - Flooded									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
WS161	0.50 - 1.50	30	**999**		**0.1**	**0.1**	**0.5**	**18.8**	**0**	**0**	**1.35**	**0.65**
		60				**0.1**	**0.5**	**18.8**	**0**	**0**		
		90				**0.1**	**0.5**	**18.8**	**0**	**0**		
		120				**0.1**	**0.5**	**18.9**	**0**	**0**		
		150				**0.1**	**0.4**	**18.9**	**0**	**0**		
		180				**0.1**	**0.5**	**18.8**	**0**	**0**		
		210				**0.1**	**0.5**	**18.7**	**0**	**0**		
		240				**0.1**	**0.5**	**18.7**	**0**	**0**		
		270				**0.1**	**0.5**	**18.7**	**0**	**0**		
		300				**0.1**	**0.5**	**18.7**	**0**	**0**		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.5	18.9	0.0	0.0		
	STEADY				0.1	0.1	0.5	18.7	0.0	0.0		
		30	**998**		**0.1**	**0.1**	**0.1**	**19**	**0**	**0**		
		60				**0.1**	**0.1**	**19**	**0**	**0**		
		90				**0.1**	**0.1**	**19.1**	**0**	**0**		
		120				**0.1**	**0.1**	**19**	**0**	**0**		
		150				**0.1**	**0.1**	**19**	**0**	**0**		
		180				**0.1**	**0.1**	**19**	**0**	**0**		
		210				**0.1**	**0.1**	**19**	**0**	**0**		
		240				**0.1**	**0.1**	**19**	**0**	**0**		
		270				**0.1**	**0.1**	**19**	**0**	**0**		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	1				
	Job Number: 15280			Date:	22/02/2022				
				Weather:	Overcast				
				Temperature:	8.00	(°C)			
	Drafted	Rev	Auth	Start Time:		Start Pressure:	1006		
	TP	PW		End Time:		End Pressure:	1009		
Comments:									
Flooded Wells: 9 Damaged Wells: 0 Couldn't locate: 11 Obstructed: 4									

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS169	1.00 - 2.00	300				0.1	0.1	19	0	0	1.85	1.75
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.0	0.0	0.0		
WS171	1.00 - 2.50	30	1007		0.1	0.1	1.3	16.7	0	0	2.3	1.2
		60				0.1	1.3	16.9	0	0		
		90				0.1	1.3	17	0	0		
		120				0.1	1.3	17.1	0	0		
		150				0.1	1.3	17.2	0	0		
		180				0.1	1.3	17.2	0	0		
		210				0.1	1.3	17.3	0	0		
		240				0.1	1.3	17.3	0	0		
		270				0.1	1.3	17.3	0	0		
		300				0.1	1.3	17.3	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	1.3	17.3	0.0	0.0		
	STEADY				0.1	0.1	1.3	17.3	0.0	0.0		
CP/RP101	3.00 - 5.00	30	1008		0.1	4.3	9.4	1.1	0	0	4.5	3.3
		60				4.3	9.4	0.8	0	0		
		90				4.3	9.4	0.6	0	0		
		120				4.3	9.4	0.4	0	0		
		150				4.3	9.5	0.3	0	0		
		180				4.4	9.4	0.2	0	0		
		210				4.4	9.5	0.2	0	0		
		240				4.3	9.5	0.2	0	0		
		270				4.3	9.5	0.2	0	0		
		300				4.4	9.5	0.2	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	4.4	9.5	1.1	0.0	0.0		
	STEADY				0.1	4.4	9.5	0.2	0.0	0.0		
CP/RP102	3.00 - 4.00	30	1011		0.1	0.1	4.1	15.2	0	0	3.7	3.3
		60				0.1	4	14.7	0	0		
		90				0.1	3.9	14.5	0	0		
		120				0.1	3.8	14.6	0	0		
		150				0.1	3.7	14.7	0	0		
		180				0.1	3.6	14.8	0	0		
		210				0.1	3.5	14.9	0	0		
		240				0.1	3.4	15	0	0		
		270				0.1	3.3	15	0	0		
		300				0.1	3.3	15.1	0	0		
		330				0.1	3.2	15.2				
		360				0.1	3.1	15.2				
		390				0.1	3	15.3				
		420				0.1	2.9	15.4				
		450				0.1	2.9	15.5				
		480				0.1	2.8	15.5				
		510				0.1	2.8	15.6				
		540				0.1	2.7	15.6				
		570				0.1	2.7	15.7				
		600				0.1	2.6	15.8				
	MAX				0.1	0.1	4.1	15.8	0.0	0.0		

e3p	Site:	Cherryfield Drive, Kirkby		Visit Number:		1			
	Job Number:	15280		Date:		22/02/2022			
				Weather:		Overcast			
				Temperature:		8.00	(°C)		
	Drafted	Rev	Auth	Start Time:		Start Pressure:	1006		
	TP	PW		End Time:		End Pressure:	1009		

Comments:

Flooded Wells: 9
Damaged Wells: 0 Couldn't locate: 11 Obstructed: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
	STEADY				0.1	0.1	2.6	15.8	0.0	0.0		
CP/RP103	3.00 - 4.00	30	1008		0.1	0.2	5.9	2.5	0	0	3.25	3.1
		60				0.3	6	1.5	0	0		
		90				0.3	6	0.7	0	0		
		120				0.3	6	0.3	0	0		
		150				0.3	6	0.2	0	0		
		180				0.3	6	0.1	0	0		
		210				0.3	6	0.1	0	0		
		240				0.3	6	0.1	0	0		
		270				0.3	6	0.1	0	0		
		300				0.3	6	0.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.3	6.0	2.5	0.0	0.0		
	STEADY				0.1	0.3	6.0	0.1	0.0	0.0		

e3p	Site: Cherryfield Drive, Kirkby		Visit Number:		2	
			Date:		15-16/03/2022	
	Job Number: 15280		Weather:		Clear	
			Temperature:		5.00	(°C)
Drafted: SK	Rev: PW	Auth:	Start Time:	7:40:00 AM	Start Pressure:	1019
			End Time:	12:00:00 PM	End Pressure:	1018

Comments:

Flooded Wells: 3
Damaged Wells: 0 Couldn't locate: 9 Obstructed: 1

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	1008		0.1	0.1	0.1	1.6	0	0	1.75	Dry
		60				0.1	0.1	0.9	0	0		
		90				0.1	0.1	0.5	0	0		
		120				0.1	0.1	0.3	0	0		
		150				0.1	0.1	0.1	0	0		
		180				0.1	0.1	0.1	0	0		
		210				0.1	0.1	0.1	0	0		
		240				0.1	0.1	0.1	0	0		
		270				0.1	0.1	0.1	0	0		
		300				0.1	0.1	0.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	1.6	0.0	0.0		
	STEADY				0.1	0.1	0.1	0.1	0.0	0.0		
WS102	1.00 - 3.00	30	1008		0.1	0.1	0.1	6	0	0	2.55	Dry
		60				0.1	0.1	5.4	0	0		
		90				0.1	0.1	4.7	0	0		
		120				0.1	0.1	4.2	0	0		
		150				0.1	0.1	4	0	0		
		180				0.1	0.1	3.8	0	0		
		210				0.1	0.1	3.6	0	0		
		240				0.1	0.1	3.4	0	0		
		270				0.1	0.1	3.2	0	0		
		300				0.1	0.1	3.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	6.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	3.1	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
		30	1008		0.1	0.1	0.1	6.4	0	0		
		60				0.1	0.1	5.7	0	0		
		90				0.1	0.1	5.1	0	0		
		120				0.1	0.1	4.9	0	0		
		150				0.1	0.1	4.8	0	0		
		180				0.1	0.1	4.7	0	0		
		210				0.1	0.1	4.6	0	0		
		240				0.1	0.1	4.5	0	0		
		270				0.1	0.1	4.4	0	0		

Site:	Cherryfield Drive, Kirkby	**Visit Number:**	2		
Job Number:	15280	**Date:**	15-16/03/2022		
		Weather:	Clear		
		Temperature:	5.00	(°C)	

Drafted	Rev	Auth	Start Time:	7:40:00 AM	Start Pressure:	1019
SK	PW		End Time:	12:00:00 PM	End Pressure:	1018

Comments:

Flooded Wells: 3
Damaged Wells: 0 Couldn't locate: 9 Obstructed: 1

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105	0.50 - 2.50	300				0.1	0.1	4.3	0	0	2.2	1.5
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	6.4	0.0	0.0		
	STEADY				0.1	0.1	0.1	4.3	0.0	0.0		
WS106	1.00 - 3.00	30	1008		0.1	0.1	6.1	10.8	0	0	2.8	2.3
		60				0.1	6.1	10.8	0	0		
		90				0.1	6.1	10.8	0	0		
		120				0.1	6.1	10.7	0	0		
		150				0.1	6.1	10.7	0	0		
		180				0.1	6.2	10.7	0	0		
		210				0.1	6.2	10.7	0	0		
		240				0.1	6.2	10.7	0	0		
		270				0.1	6.2	10.7	0	0		
		300				0.4	6.2	10.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.4	6.2	10.8	0.0	0.0		
	STEADY				0.1	0.4	6.2	10.7	0.0	0.0		
WS108	0.80 - 2.80	30	1008		0.1	44.4	7.5	4	0	0	2.6	1.5
		60				45.2	7.5	2.9	0	0		
		90				45.5	7.6	2.7	0	0		
		120				45.6	7.6	2.6	0	0		
		150				45.5	7.6	2.6	0	0		
		180				45.7	7.8	2.6	0	0		
		210				45.7	7.7	2.6	0	0		
		240				45.7	7.6	2.6	0	0		
		270				45.7	7.6	2.6	0	0		
		300				45.8	7.6	2.5	0	0		
		330				45.8	7.6	2.5				
		360				45.8	7.6	2.5				
		390				45.9	7.6	2.5				
		420				45.9	7.6	2.5				
		450				46	7.6	2.5				
		480				46	7.6	2.5				
		510				46	7.6	2.5				
		540				46.1	7.5	2.5				
		570				46.1	7.5	2.5				
		600				46.1	7.5	2.5				
	MAX				0.1	46.1	7.8	4.0	0.0	0.0		
	STEADY				0.1	46.1	7.5	2.5	0.0	0.0		
WS110	0.25 - 1.25	30	Location Damaged - repaired for future visits.									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	2	
	Job Number: 15280			Date:	15-16/03/2022	
				Weather:	Clear	
				Temperature:	5.00	(°C)
	Drafted	Rev	Auth	Start Time:	7:40:00 AM	Start Pressure: 1019
	SK	PW		End Time:	12:00:00 PM	End Pressure: 1018

Comments:

Flooded Wells: 3
Damaged Wells: 0 Couldn't locate: 9 Obstructed: 1

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
WS111	0.50 - 3.00	30	1008		0.1	5.6	4.9	6.7	0	0	3.2	2.6
		60				5.7	4.9	6.9	0	0		
		90				5.8	4.9	6.9	0	0		
		120				5.9	5	6.8	0	0		
		150				5.9	5	6.8	0	0		
		180				6	5.1	6.7	0	0		
		210				6	5.2	6.7	0	0		
		240				6.1	5.2	6.6	0	0		
		270				6.2	5.3	6.5	0	0		
		300				6.2	5.3	6.4	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	6.2	5.3	6.9	0.0	0.0		
	STEADY				0.1	6.2	5.3	6.4	0.0	0.0		
WS113	1.00 - 2.00	30	1009		6.4	0.1	3.1	12.9	10	0	1.7	1.5
		60			0.1	0.1	3.1	13.1	10	0		
		90			0.1	0.1	3.1	13.1	10	0		
		120			0.1	0.1	3.1	13.1	10	0		
		150			0.1	0.1	3.1	13.2	10	0		
		180			0.1	0.1	3.1	13.1	10	0		
		210			0.1	0.1	3.1	13.1	10	0		
		240			0.1	0.1	3.1	13.1	10	0		
		270			0.1	0.1	3.1	13.1	10	0		
		300			0.1	0.1	3.1	13.1	10	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				6.4	0.1	3.1	13.2	10.0	0.0		
	STEADY				0.1	0.1	3.1	13.1	10.0	0.0		
WS114	1.00 - 2.00	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
WS115	1.00 - 2.00	30	Monitoring Location under water - Flooded									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										

e3p	Site: Cherryfield Drive, Kirkby		Visit Number:	2		
	Job Number: 15280		Date:	15-16/03/2022		
			Weather:	Clear		
			Temperature:	5.00	(°C)	
Drafted: SK	Rev: PW	Auth:	Start Time:	7:40:00 AM	Start Pressure:	1019
			End Time:	12:00:00 PM	End Pressure:	1018

Comments:

Flooded Wells: 3
Damaged Wells: 0 Couldn't locate: 9 Obstructed: 1

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
		30	1007		0.1	0.1	4.7	14.8	0	0		
		60				0.1	4.6	14.6	0	0		
		90				0.1	4.6	14.4	0	0		
		120				0.1	4.6	14.3	0	0		
		150				0.1	4.6	14.2	0	0		
		180				0.1	4.6	14.2	0	0		
		210				0.1	4.6	14.2	0	0		
		240				0.1	4.6	14.3	0	0		
		270				0.1	4.6	14.3	0	0		
		300				0.1	4.6	14.3	0	0		
WS117	1.00 - 2.50	330									2.4	1.2
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	4.7	14.8	0.0	0.0		
	STEADY				0.1	0.1	4.6	14.3	0.0	0.0		
		30										
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
WS118	1.00 - 2.00	330	Location Damaged - repaired for future visits.									
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
		30	1006		0.1	0.1	1.7	18.8	0	0		
		60				0.1	1.7	18.7	0	0		
		90				0.1	1.8	18.8	0	0		
		120				0.1	1.7	18.7	0	0		
		150				0.1	1.8	18.7	0	0		
		180				0.1	1.9	18.6	0	0		
		210				0.1	1.9	18.5	0	0		
		240				0.1	2	18.5	0	0		
		270				0.1	2	18.4	0	0		
		300				0.1	2.1	18.4	0	0		
WS119	0.50 - 3.50	330									2.65	0.6
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	2.1	18.8	0.0	0.0		
	STEADY				0.1	0.1	2.1	18.4	0.0	0.0		
		30	1008		0.1	0.1	0.2	17.6	0	0		

Site:	Cherryfield Drive, Kirkby	**Visit Number:**	2		
Job Number:	15280	**Date:**	15-16/03/2022		
		Weather:	Clear		
		Temperature:	5.00	(°C)	

Drafted	Rev	Auth	Start Time:	7:40:00 AM	Start Pressure:	1019
SK	PW		End Time:	12:00:00 PM	End Pressure:	1018

Comments:

Flooded Wells: 3
Damaged Wells: 0 Couldn't locate: 9 Obstructed: 1

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS120	1.00 - 2.00	60				0.1	0.1	18.4	0	0	1.4	1.2
		90				0.1	0.1	18.7	0	0		
		120				0.1	0.1	18.8	0	0		
		150				0.1	0.1	18.9	0	0		
		180				0.1	0.1	19	0	0		
		210				0.1	0.1	19	0	0		
		240				0.1	0.1	19	0	0		
		270				0.1	0.1	19.1	0	0		
		300				0.1	0.1	19.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.2	19.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.1	0.0	0.0		
WS121	0.50 - 1.50	30	1006		0.1	0.1	2.2	15.2	0	0	1.2	0.6
		60				0.1	2.1	14.8	0	0		
		90				0.1	2.1	14.5	0	0		
		120				0.1	2.1	14.4	0	0		
		150				0.1	2.1	14.3	0	0		
		180				0.1	2.1	14.4	0	0		
		210				0.1	2.1	14.4	0	0		
		240				0.1	2.1	14.5	0	0		
		270				0.1	2.1	14.5	0	0		
		300				0.1	2.1	14.6	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	2.2	15.2	0.0	0.0		
	STEADY				0.1	0.1	2.1	14.6	0.0	0.0		
WS122	0.50 - 1.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
WS123	0.50 - 3.00	30	Location Damaged - repaired for future visits									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	2		
	Job Number: 15280			Date:	15-16/03/2022		
				Weather:	Clear		
				Temperature:	5.00	(°C)	
	Drafted	Rev	Auth	Start Time:	7:40:00 AM	Start Pressure:	1019
	SK	PW		End Time:	12:00:00 PM	End Pressure:	1018

Comments:

Flooded Wells: 3
Damaged Wells: 0 Couldn't locate: 9 Obstructed: 1

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
WS124	1.00 - 4.00	30	1009		0.1	13.5	5.4	1.3	0	0		
		60				13.6	5.2	1	0	0		
		90				13.7	5.2	0.6	0	0		
		120				13.7	5.2	0.3	0	0		
		150				13.7	5.2	0.1	0	0		
		180				13.7	5.2	0.1	0	0		
		210				13.7	5.2	0.1	0	0		
		240				13.7	5.2	0.1	0	0		
		270				13.7	5.2	0.1	0	0		
		300				13.7	5.2	0.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	13.7	5.4	1.3	0.0	0.0		
	STEADY				0.1	13.7	5.2	0.1	0.0	0.0		
WS125	0.50 - 1.00	30	1006		0.1	0.1	2.1	16.8	0	0	1	0.55
		60				0.1	2	16.3	0	0		
		90				0.1	2	15.7	0	0		
		120				0.1	2	15.5	0	0		
		150				0.1	2.1	15.6	0	0		
		180				0.1	2.1	15.8	0	0		
		210				0.1	2.1	15.9	0	0		
		240				0.1	2.1	16.1	0	0		
		270				0.1	2	16.1	0	0		
		300				0.1	2	16.2	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	2.1	16.8	0.0	0.0		
	STEADY				0.1	0.1	2.0	16.2	0.0	0.0		
WS126	0.60 - 1.60	30	1008		0.1	0.1	1	18.1	0	0	1.35	1.15
		60				0.1	1	18.1	0	0		
		90				0.1	1	18.1	0	0		
		120				0.1	1	18.1	0	0		
		150				0.1	1	18.1	0	0		
		180				0.1	1	18	0	0		
		210				0.1	1	18	0	0		
		240				0.1	1	18	0	0		
		270				0.1	1	18	0	0		
		300				0.4	1	18	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.4	1.0	18.1	0.0	0.0		
	STEADY				0.1	0.4	1.0	18.0	0.0	0.0		
		30	1010		0.1	0.1	0.1	19.1	0	0		
		60				0.1	0.1	19.1	0	0		
		90				0.1	0.1	19.1	0	0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	2	
	Job Number: 15280			Date:	15-16/03/2022	
				Weather:	Clear	
				Temperature:	5.00	(°C)
	Drafted	Rev	Auth	Start Time: 7:40:00 AM	Start Pressure:	1019
	SK	PW		End Time: 12:00:00 PM	End Pressure:	1018

Comments:

Flooded Wells: 3
Damaged Wells: 0 Couldn't locate: 9 Obstructed: 1

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS128	1.00 - 3.00	120				0.1	0.1	19.1	0	0	2.2	1.2
		150				0.1	0.1	19.1	0	0		
		180				0.1	0.1	19.2	0	0		
		210				0.1	0.1	19.2	0	0		
		240				0.1	0.1	19.2	0	0		
		270				0.1	0.1	19.2	0	0		
		300				0.1	0.1	19.2	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.2	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.2	0.0	0.0		
WS129	1.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
WS130	1.00 - 3.00	30	Location Damaged - repaired for future visits.									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
WS132	1.00 - 4.00	30	1019		0.1	0.1	0.1	19.7	0	0	3.91	1.92
		60				0.1	0.1	19.7	0	0		
		90				0.1	0.1	19.7	0	0		
		120				0.1	0.1	19.7	0	0		
		150				0.1	0.1	19.7	0	0		
		180				0.1	0.1	19.7	0	0		
		210				0.1	0.1	19.6	0	0		
		240				0.1	0.1	19.6	0	0		
		270				0.1	0.1	19.6	0	0		
		300				0.1	0.1	19.6	0	0		
		330										
		360										
		390										
		420										
		450										

Site:	Cherryfield Drive, Kirkby	**Visit Number:**	2		
Job Number:	15280	**Date:**	15-16/03/2022		
		Weather:	Clear		
		Temperature:	5.00	(°C)	

Drafted	Rev	Auth	Start Time:	7:40:00 AM	Start Pressure:	1019
SK	PW		End Time:	12:00:00 PM	End Pressure:	1018

Comments:

Flooded Wells: 3
Damaged Wells: 0 Couldn't locate: 9 Obstructed: 1

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.6	0.0	0.0		
WS133	0.50 - 3.90	30	**1019**		**0.1**	**0.1**	**0.1**	**19.8**	**0**	**0**	**1.65**	**0.92**
		60				**0.1**	**0.1**	**19.8**	**0**	**0**		
		90				**0.1**	**0.1**	**19.8**	**0**	**0**		
		120				**0.1**	**0.1**	**19.7**	**0**	**0**		
		150				**0.1**	**0.1**	**19.7**	**0**	**0**		
		180				**0.1**	**0.1**	**19.7**	**0**	**0**		
		210				**0.1**	**0.1**	**19.7**	**0**	**0**		
		240				**0.1**	**0.1**	**19.7**	**0**	**0**		
		270				**0.1**	**0.1**	**19.7**	**0**	**0**		
		300				**0.1**	**0.1**	**19.7**	**0**	**0**		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.8	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.7	0.0	0.0		
WS135	0.50 - 3.00	30	**1019**		**0.1**	**0.1**	**0.1**	**19.8**	**0**	**0**	**1.45**	**0.55**
		60				**0.1**	**0.1**	**19.8**	**0**	**0**		
		90				**0.1**	**0.1**	**19.8**	**0**	**0**		
		120				**0.1**	**0.1**	**19.8**	**0**	**0**		
		150				**0.1**	**0.1**	**19.8**	**0**	**0**		
		180				**0.1**	**0.1**	**19.7**	**0**	**0**		
		210				**0.1**	**0.1**	**19.7**	**0**	**0**		
		240				**0.1**	**0.1**	**19.7**	**0**	**0**		
		270				**0.1**	**0.1**	**19.7**	**0**	**0**		
		300				**0.1**	**0.1**	**19.7**	**0**	**0**		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.8	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.7	0.0	0.0		
WS136	0.50 - 3.50	30	**1020**		**0.1**	**0.1**	**0.1**	**19.9**	**0**	**0**	**3.15**	**1.6**
		60				**0.1**	**0.1**	**19.9**	**0**	**0**		
		90				**0.1**	**0.1**	**19.8**	**0**	**0**		
		120				**0.1**	**0.1**	**19.8**	**0**	**0**		
		150				**0.1**	**0.1**	**19.8**	**0**	**0**		
		180				**0.1**	**0.1**	**19.8**	**0**	**0**		
		210				**0.1**	**0.1**	**19.8**	**0**	**0**		
		240				**0.1**	**0.1**	**19.8**	**0**	**0**		
		270				**0.1**	**0.1**	**19.7**	**0**	**0**		
		300				**0.1**	**0.1**	**19.7**	**0**	**0**		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.7	0.0	0.0		
		30	**1018**		**0.1**	**0.1**	**0.1**	**19.8**	**0**	**0**		
		60				**0.1**	**0.1**	**19.8**	**0**	**0**		
		90				**0.1**	**0.1**	**19.8**	**0**	**0**		
		120				**0.1**	**0.1**	**19.8**	**0**	**0**		
		150				**0.1**	**0.1**	**19.8**	**0**	**0**		

e3p	Site:	Cherryfield Drive, Kirkby	Visit Number:	2			
	Job Number:	15280	Date:	15-16/03/2022			
			Weather:	Clear			
			Temperature:	5.00	(°C)		
	Drafted	Rev	Auth	Start Time:	7:40:00 AM	Start Pressure:	1019
	SK	PW		End Time:	12:00:00 PM	End Pressure:	1018

Comments:

Flooded Wells: 3
Damaged Wells: 0 Couldn't locate: 9 Obstructed: 1

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS137	2.00 - 3.00	180				0.1	0.1	19.8	0	0	2.3	2.08
		210				0.1	0.1	19.8	0	0		
		240				0.1	0.1	19.7	0	0		
		270				0.1	0.1	19.7	0	0		
		300				0.1	0.1	19.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.8	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.7	0.0	0.0		
WS138	1.00 - 4.00	30	1019		0.1	0.1	0.1	19.8	0	0	2.3	1.05
		60				0.1	0.1	19.8	0	0		
		90				0.1	0.1	19.8	0	0		
		120				0.1	0.1	19.7	0	0		
		150				0.1	0.1	19.7	0	0		
		180				0.1	0.1	19.7	0	0		
		210				0.1	0.1	19.7	0	0		
		240				0.1	0.1	19.7	0	0		
		270				0.1	0.1	19.7	0	0		
		300				0.1	0.1	19.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.8	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.7	0.0	0.0		
WS140	1.00 - 3.00	30	1019		0.1	0.1	0.1	19.5	0	0	2.95	2.53
		60				0.1	0.1	19.4	0	0		
		90				0.1	0.1	19.4	0	0		
		120				0.1	0.1	19.4	0	0		
		150				0.1	0.1	19.4	0	0		
		180				0.1	0.1	19.4	0	0		
		210				0.1	0.1	19.4	0	0		
		240				0.1	0.1	19.4	0	0		
		270				0.1	0.1	19.4	0	0		
		300				0.1	0.1	19.4	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.5	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.4	0.0	0.0		
WS141	1.00 - 3.00	30	1018		0.1	0.1	0.1	20	0	0	2.96	1.58
		60				0.1	0.1	20	0	0		
		90				0.1	0.1	20	0	0		
		120				0.1	0.1	20	0	0		
		150				0.1	0.1	20	0	0		
		180				0.1	0.1	20	0	0		
		210				0.1	0.1	19.9	0	0		
		240				0.1	0.1	19.9	0	0		
		270				0.1	0.1	19.9	0	0		
		300				0.1	0.1	19.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	2	
	Job Number: 15280			Date:	15-16/03/2022	
				Weather:	Clear	
				Temperature:	5.00	(°C)
	Drafted	Rev	Auth	Start Time:	7:40:00 AM	Start Pressure: 1019
	SK	PW		End Time:	12:00:00 PM	End Pressure: 1018

Comments:

Flooded Wells: 3
Damaged Wells: 0 Couldn't locate: 9 Obstructed: 1

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.9	0.0	0.0		
WS142	1.00 - 3.00	30	1019		0.1	0.1	0.1	19.7	0	0	2.4	1.67
		60				0.1	0.1	19.6	0	0		
		90				0.1	0.1	19.6	0	0		
		120				0.1	0.1	19.6	0	0		
		150				0.1	0.1	19.6	0	0		
		180				0.1	0.1	19.5	0	0		
		210				0.1	0.1	19.5	0	0		
		240				0.1	0.1	19.5	0	0		
		270				0.1	0.1	19.5	0	0		
		300				0.1	0.1	19.5	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.5	0.0	0.0		
WS144	1.00 - 3.00	30	1020		0.1	0.1	0.1	20.1	0	0	2.82	2.09
		60				0.1	0.1	20.1	0	0		
		90				0.1	0.1	20	0	0		
		120				0.1	0.1	20	0	0		
		150				0.1	0.1	20	0	0		
		180				0.1	0.1	20	0	0		
		210				0.1	0.1	20	0	0		
		240				0.1	0.1	20	0	0		
		270				0.1	0.1	19.9	0	0		
		300				0.1	0.1	19.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.9	0.0	0.0		
WS147	1.00 - 2.00	30	1018		0.1	0.1	0.1	19.9	0	0	1.6	1.28
		60				0.1	0.1	19.9	0	0		
		90				0.1	0.1	19.9	0	0		
		120				0.1	0.1	19.8	0	0		
		150				0.1	0.1	19.8	0	0		
		180				0.1	0.1	19.8	0	0		
		210				0.1	0.1	19.8	0	0		
		240				0.1	0.1	19.8	0	0		
		270				0.1	0.1	19.8	0	0		
		300				0.1	0.1	19.8	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.8	0.0	0.0		
		30										
		60										
		90										
		120										
		150										
		180										
		210										

Site:	Cherryfield Drive, Kirkby	**Visit Number:**	2		
Job Number:	15280	**Date:**	15-16/03/2022		
		Weather:	Clear		
		Temperature:	5.00	(°C)	

Drafted	**Rev**	**Auth**	**Start Time:**	7:40:00 AM	**Start Pressure:**	1019
SK	PW		**End Time:**	12:00:00 PM	**End Pressure:**	1018

Comments:

Flooded Wells: 3
Damaged Wells: 0 Couldn't locate: 9 Obstructed: 1

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS148	1.00 - 3.00	240	Unable to be located – Assumed Destroyed									
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
WS149A	0.50 - 1.00	30	**1019**		**0.1**	**0.1**	**0.1**	**20.1**	**0**	**0**	**0.8**	**Dry**
		60				**0.1**	**0.1**	**20.1**	**0**	**0**		
		90				**0.1**	**0.1**	**20.1**	**0**	**0**		
		120				**0.1**	**0.1**	**20.1**	**0**	**0**		
		150				**0.1**	**0.1**	**20**	**0**	**0**		
		180				**0.1**	**0.1**	**20**	**0**	**0**		
		210				**0.1**	**0.1**	**20**	**0**	**0**		
		240				**0.1**	**0.1**	**20**	**0**	**0**		
		270				**0.1**	**0.1**	**20**	**0**	**0**		
		300				**0.1**	**0.1**	**20**	**0**	**0**		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		
WS151	1.00 - 3.00	30	**1020**		**0.1**	**0.1**	**0.1**	**20.1**	**0**	**0**	**1.95**	**1.62**
		60				**0.1**	**0.1**	**20.1**	**0**	**0**		
		90				**0.1**	**0.1**	**20.1**	**0**	**0**		
		120				**0.1**	**0.1**	**20.1**	**0**	**0**		
		150				**0.1**	**0.1**	**20**	**0**	**0**		
		180				**0.1**	**0.1**	**20**	**0**	**0**		
		210				**0.1**	**0.1**	**20**	**0**	**0**		
		240				**0.1**	**0.1**	**20**	**0**	**0**		
		270				**0.1**	**0.1**	**20**	**0**	**0**		
		300				**0.1**	**0.1**	**20**	**0**	**0**		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		
WS152	0.50 - 2.50	30	**1020**		**0.1**	**0.1**	**0.1**	**20.1**	**0**	**0**	**2.7**	**1.41**
		60				**0.1**	**0.1**	**20.1**	**0**	**0**		
		90				**0.1**	**0.1**	**20.1**	**0**	**0**		
		120				**0.1**	**0.1**	**20**	**0**	**0**		
		150				**0.1**	**0.1**	**20**	**0**	**0**		
		180				**0.1**	**0.1**	**20**	**8**	**0**		
		210				**0.1**	**0.1**	**20**	**8**	**0**		
		240				**0.1**	**0.1**	**20**	**0**	**0**		
		270				**0.1**	**0.1**	**20**	**0**	**0**		
		300				**0.1**	**0.1**	**20**	**0**	**0**		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										

e3p			Site:	Cherryfield Drive, Kirkby		Visit Number:		2					
			Job Number:	15280		Date:		15-16/03/2022					
						Weather:		Clear					
						Temperature:		5.00	(°C)				
	Drafted	Rev	Auth	Start Time:	7:40:00 AM	Start Pressure:	1019						
	SK	PW		End Time:	12:00:00 PM	End Pressure:	1018						
Comments:													
Flooded Wells: 3 Damaged Wells: 0 Couldn't locate: 9 Obstructed: 1													

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
		600										
	MAX				0.1	0.1	0.1	20.1	8.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		
WS153A	0.50 - 1.00	30	1019		0.1	0.1	0.1	20.1	0	0	0.9	0.82
		60				0.1	0.1	20.1	0	0		
		90				0.1	0.1	20.1	0	0		
		120				0.1	0.1	20.1	0	0		
		150				0.1	0.1	20	0	0		
		180				0.1	0.1	20	0	0		
		210				0.1	0.1	20	0	0		
		240				1	0.1	20	0	0		
		270				0.1	0.1	20	0	0		
		300				0.1	0.1	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	1.0	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		
WS157	1.00 - 2.00	30	1020		0.1	0.1	0.1	20.2	0	0	1.93	1.45
		60				0.1	0.1	20.2	0	0		
		90				0.1	0.1	20.1	0	0		
		120				0.1	0.1	20.1	0	0		
		150				0.1	0.1	20.1	0	0		
		180				0.1	0.1	20.1	0	0		
		210				0.1	0.1	20.1	0	0		
		240				0.1	0.1	20.1	0	0		
		270				0.1	0.1	20	0	0		
		300				0.1	0.1	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.2	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		
WS161	0.50 - 1.50	30	1020		0.1	0.1	0.1	20.2	0	0	1.44	0.58
		60				0.1	0.1	20.1	0	0		
		90				0.1	0.1	20.1	0	0		
		120				0.1	0.1	20.1	0	0		
		150				0.1	0.1	20.1	0	0		
		180				0.1	0.1	20.1	0	0		
		210				0.1	0.1	20	0	0		
		240				0.1	0.1	20	0	0		
		270				0.1	0.1	20	0	0		
		300				0.1	0.1	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.2	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		
		30	1020		0.1	0.1	0.1	20.1	0	0		
		60				0.1	0.1	20.1	0	0		
		90				0.1	0.1	20.1	0	0		
		120				0.1	0.1	20.1	0	0		
		150				0.1	0.1	20.1	0	0		
		180				0.1	0.1	20.1	0	0		
		210				0.1	0.1	20	0	0		
		240				0.1	0.1	20	0	0		
		270				0.1	0.1	20	0	0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	2		
	Job Number: 15280			Date:	15-16/03/2022		
				Weather:	Clear		
				Temperature:	5.00	(°C)	
	Drafted	Rev	Auth	Start Time:	7:40:00 AM	Start Pressure:	1019
	SK	PW		End Time:	12:00:00 PM	End Pressure:	1018

Comments:

Flooded Wells: 3
Damaged Wells: 0 Couldn't locate: 9 Obstructed: 1

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS169	1.00 - 2.00	300				0.1	0.1	20	0	0	1.92	1.63
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		
WS171	1.00 - 2.50	30	1019		0.1	0.1	0.1	20.1	0	0	2.4	Dry
		60				0.1	0.1	20.1	0	0		
		90				0.1	0.1	20.1	0	0		
		120				0.1	0.1	20.1	0	0		
		150				0.1	0.1	20	0	0		
		180				0.1	0.1	20	0	0		
		210				0.1	0.1	20	0	0		
		240				0.1	0.1	20	0	0		
		270				0.1	0.1	20	0	0		
		300				0.1	0.1	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		
CP/RP101	3.00 - 5.00	30	1019		0.1	0.1	0.1	20	0	0	4.55	3.25
		60				0.1	0.1	20	0	0		
		90				0.1	0.1	20	0	0		
		120				0.1	0.1	20	0	0		
		150				0.1	0.1	20	0	0		
		180				0.1	0.1	20	0	0		
		210				0.1	0.1	20	0	0		
		240				0.1	0.1	19.9	0	0		
		270				0.1	0.1	19.9	0	0		
		300				0.1	0.1	19.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.9	0.0	0.0		
CP/RP102	3.00 - 4.00	30	1020		0.1	0.1	0.1	19.6	0	0	3.7	3.05
		60				0.1	0.1	19.6	0	0		
		90				0.1	0.1	19.6	0	0		
		120				0.1	0.1	19.6	0	0		
		150				0.1	0.1	196	0	0		
		180				0.1	0.1	19.6	0	0		
		210				0.1	0.1	19.5	0	0		
		240				0.1	0.1	19.5	0	0		
		270				0.1	0.1	19.5	0	0		
		300				0.1	0.1	19.5	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	196.0	0.0	0.0		

e3p	**Site:** Cherryfield Drive, Kirkby			**Visit Number:**	2		
	Job Number: 15280			**Date:**	15-16/03/2022		
				Weather:	Clear		
				Temperature:	5.00	(°C)	
	Drafted	**Rev**	**Auth**	**Start Time:**	7:40:00 AM	**Start Pressure:**	1019
	SK	PW		**End Time:**	12:00:00 PM	**End Pressure:**	1018

Comments:

Flooded Wells: 3
Damaged Wells: 0 Couldn't locate: 9 Obstructed: 1

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
	STEADY				0.1	0.1	0.1	19.5	0.0	0.0		
CP/RP103	3.00 - 4.00	30	**1019**		**0.1**	**0.1**	**0.1**	**20.2**	**0**	**0**	**3.4**	**3.3**
		60				**0.1**	**0.1**	**20.2**	**0**	**0**		
		90				**0.1**	**0.1**	**20.2**	**0**	**0**		
		120				**0.1**	**0.1**	**20.2**	**0**	**0**		
		150				**0.1**	**0.1**	**20.1**	**0**	**0**		
		180				**0.1**	**0.1**	**20.1**	**0**	**0**		
		210				**0.1**	**0.1**	**20.1**	**0**	**0**		
		240				**0.1**	**0.1**	**20.1**	**0**	**0**		
		270				**0.1**	**0.1**	**20.1**	**0**	**0**		
		300				**0.1**	**0.1**	**20.1**	**0**	**0**		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.2	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.1	0.0	0.0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	3		
	Job Number: 15280			Date:	21/03/2022		
				Weather:	Clear		
				Temperature:	6.00	(°C)	
	Drafted	Rev	Auth	Start Time:		Start Pressure:	1024
	TP	PW		End Time:		End Pressure:	1021

Comments:

Flooded Wells: 8
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	1023		0.1	0.1	0.1	18.8	0	0	1.85	Dry
		60				0.1	0.1	18.8	0	0		
		90				0.1	0.1	18.7	0	0		
		120				0.1	0.1	18.7	0	0		
		150				0.1	0.1	187	0	0		
		180				0.1	0.1	18.7	0	0		
		210				0.1	0.1	18.7	0	0		
		240				0.1	0.1	18.7	0	0		
		270				0.1	0.1	18.6	0	0		
		300				0.1	0.1	18.6	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	187.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.6	0.0	0.0		
WS102	1.00 - 3.00	30	1022		0.1	0.1	0.1	19	0	0	2.7	Dry
		60				0.1	0.1	19	0	0		
		90				0.1	0.1	19	0	0		
		120				0.1	0.1	19	0	0		
		150				0.1	0.1	18.9	0	0		
		180				0.1	0.1	18.9	0	0		
		210				0.1	0.1	18.9	0	0		
		240				0.1	0.1	18.9	0	0		
		270				0.1	0.1	18.9	0	0		
		300				0.1	0.1	18.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.9	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed.									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
		30	1023		0.1	0.1	0.1	18.9	0	0		
		60				0.1	0.1	18.9	0	0		
		90				0.1	0.1	18.9	0	0		
		120				0.1	0.1	18.9	0	0		
		150				0.1	0.1	18.9	0	0		
		180				0.1	0.1	18.8	0	0		
		210				0.1	0.1	18.8	0	0		
		240				0.1	0.1	18.8	0	0		
		270				0.1	0.1	18.8	0	0		
	0.50 - 2.50	300				0.1	0.1	18.8	0	0		

e3p	Site: Cherryfield Drive, Kirkby		Visit Number:	3	
	Job Number: 15280		Date:	21/03/2022	
			Weather:	Clear	
			Temperature:	6.00	(°C)

Drafted	Rev	Auth	Start Time:		Start Pressure:	1024
TP	PW		End Time:		End Pressure:	1021

Comments:

Flooded Wells: 8
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105		330									2.25	2
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.8	0.0	0.0		
WS106	1.00 - 3.00	30	1023		0.1	0.1	0.1	19.1	0	0	2.85	2.65
		60				0.1	0.1	19.1	0	0		
		90				0.1	0.1	19.1	0	0		
		120				0.1	0.1	19	0	0		
		150				0.1	0.1	19	0	0		
		180				0.1	0.1	19	0	0		
		210				0.1	0.1	19	0	0		
		240				0.1	0.1	19	0	0		
		270				0.1	0.1	18.9	0	0		
		300				0.1	0.1	18.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.9	0.0	0.0		
WS108	0.80 - 2.80	30	1023		0.1	0.1	0.1	18.9	0	0	2.7	2.3
		60				0.1	0.1	18.9	0	0		
		90				0.1	0.1	19	0	0		
		120				0.1	0.1	19	0	0		
		150				0.1	0.1	19	0	0		
		180				0.1	0.1	19	0	0		
		210				0.1	0.1	18.9	0	0		
		240				0.1	0.1	18.9	0	0		
		270				0.1	0.1	18.9	0	0		
		300				0.1	0.1	18.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.9	0.0	0.0		
WS110	0.25 - 1.25	30	1023		0.1	0.1	0.1	19	0	0	0.95	Dry
		60				0.1	0.1	19	0	0		
		90				0.1	0.1	19	0	0		
		120				0.1	0.1	18.9	0	0		
		150				0.1	0.1	18.9	0	0		
		180				0.1	0.1	18.9	0	0		
		210				0.1	0.1	19	0	0		
		240				0.1	0.1	19	0	0		
		270				0.1	0.1	19	0	0		
		300				0.1	0.1	19	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.0	0.0	0.0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	3			
	Job Number: 15280			Date:	21/03/2022			
				Weather:	Clear			
				Temperature:	6.00	(°C)		
	Drafted	Rev	Auth	Start Time:		Start Pressure:	1024	
	TP	PW		End Time:		End Pressure:	1021	
Comments:								
Flooded Wells: 8 Damaged Wells: 1 Cant locate: 4								

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS111	0.50 - 3.00	30	1023		0.1	0.1	0.1	18.8	0	0	3.3	Dry
		60				0.1	0.1	18.8	0	0		
		90				0.1	0.1	18.8	0	0		
		120				0.1	0.1	18.9	0	0		
		150				0.1	0.1	18.9	0	0		
		180				0.1	0.1	18.9	0	0		
		210				0.1	0.1	18.9	0	0		
		240				0.1	0.1	18.9	0	0		
		270				0.1	0.1	18.9	0	0		
		300				0.1	0.1	18.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.9	0.0	0.0		

e3p	Site:	Cherryfield Drive, Kirkby	Visit Number:	4					
	Job Number:	15280	Date:	30-31/03/2022					
			Weather:	Raining					
			Temperature:	7.00	(°C)				
	Drafted	Rev	Auth	Start Time:	7:40:00 AM	Start Pressure:	1008		
	SK	PW		End Time:	10:10:00 AM	End Pressure:	1014		

Comments:

Flooded Wells: 1
Damaged Wells: 0 Cant locate: 3

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	1014		0.1	0.1	0.1	19.5	0	0	1.86	Dry
		60				0.1	0.1	19.5	0	0		
		90				0.1	0.1	19.5	0	0		
		120				0.1	0.1	19.5	0	0		
		150				0.1	0.1	19.5	0	0		
		180				0.1	0.1	19.4	0	0		
		210				0.1	0.1	19.4	0	0		
		240				0.1	0.1	19.4	0	0		
		270				0.1	0.1	19.4	0	0		
		300				0.1	0.1	19.4	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.5	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.4	0.0	0.0		
WS102	1.00 - 3.00	30	1013		0.1	0.1	0.1	19.7	0	0	2.69	Dry
		60				0.1	0.1	19.7	0	0		
		90				0.1	0.1	19.6	0	0		
		120				0.1	0.1	19.6	0	0		
		150				0.1	0.1	19.6	0	0		
		180				0.1	0.1	19.6	0	0		
		210				0.1	0.1	19.6	0	0		
		240				0.1	0.1	19.5	0	0		
		270				0.1	0.1	19.5	0	0		
		300				0.1	0.1	19.5	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.5	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
	0.50 - 2.50	30	1013		0.1	0.1	0.1	19.6	0	0		
		60				0.1	0.1	19.6	0	0		
		90				0.1	0.1	19.6	0	0		
		120				0.1	0.1	19.6	0	0		
		150				0.1	0.1	19.6	0	0		
		180				0.1	0.1	19.6	0	0		
		210				0.1	0.1	19.5	0	0		
		240				0.1	0.1	19.5	0	0		
		270				0.1	0.1	19.5	0	0		
		300				0.1	0.1	19.5	0	0		

e3p	Site: Cherryfield Drive, Kirkby		Visit Number:	4	
	Job Number: 15280		Date:	30-31/03/2022	
			Weather:	Raining	
			Temperature:	7.00	(°C)
	Drafted: SK	Rev: PW	Auth:	Start Time: 7:40:00 AM	Start Pressure: 1008
				End Time: 10:10:00 AM	End Pressure: 1014

Comments:

Flooded Wells: 1
Damaged Wells: 0 Cant locate: 3

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105		330									2.24	Dry
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.6	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.5	0.0	0.0		
WS106	1.00 - 3.00	30	1013		0.1	0.1	0.1	19.7	0	0	2.87	2.7
		60				0.1	0.1	19.7	0	0		
		90				0.1	0.1	19.7	0	0		
		120				0.1	0.1	19.7	0	0		
		150				0.1	0.1	19.6	0	0		
		180				0.1	0.1	19.6	0	0		
		210				0.1	0.1	19.6	0	0		
		240				0.1	0.1	19.6	0	0		
		270				0.1	0.1	19.6	0	0		
		300				0.4	0.1	19.6	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.4	0.1	19.7	0.0	0.0		
	STEADY				0.1	0.4	0.1	19.6	0.0	0.0		
WS108	0.80 - 2.80	30	1013		0.1	0.1	0.1	19.8	0	0	2.68	2.15
		60				0.1	0.1	19.7	0	0		
		90				0.1	0.1	19.7	0	0		
		120				0.1	0.1	19.7	0	0		
		150				0.1	0.1	19.6	0	0		
		180				0.1	0.1	19.6	0	0		
		210				0.1	0.1	19.6	0	0		
		240				0.1	0.1	19.6	0	0		
		270				0.1	0.1	19.6	0	0		
		300				0.1	0.1	19.6	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.8	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.6	0.0	0.0		
WS110	0.25 - 1.25	30	1014		0.1	0.1	0.1	19.7	0	0	0.95	Dry
		60				0.1	0.1	19.7	0	0		
		90				0.1	0.1	19.6	0	0		
		120				0.1	0.1	19.6	0	0		
		150				0.1	0.1	19.6	0	0		
		180				0.1	0.1	19.6	0	0		
		210				0.1	0.1	19.6	0	0		
		240				0.1	0.1	19.5	0	0		
		270				0.1	0.1	19.5	0	0		
		300				0.1	0.1	19.5	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.5	0.0	0.0		

e3p	Site:	Cherryfield Drive, Kirkby		Visit Number:		4		
	Job Number:	15280		Date:		30-31/03/2022		
				Weather:		Raining		
				Temperature:		7.00	(°C)	
	Drafted	Rev	Auth	Start Time:	7:40:00 AM	Start Pressure:	1008	
	SK	PW		End Time:	10:10:00 AM	End Pressure:	1014	

Comments:

Flooded Wells: 1
Damaged Wells: 0 Cant locate: 3

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS111	0.50 - 3.00	30	1013		0.1	0.1	0.1	19.7	0	0	3.25	Dry
		60				0.1	0.1	19.7	0	0		
		90				0.1	0.1	19.6	0	0		
		120				0.1	0.1	19.6	0	0		
		150				0.1	0.1	19.6	0	0		
		180				0.1	0.1	19.6	0	0		
		210				0.1	0.1	19.5	0	0		
		240				0.1	0.1	19.5	0	0		
		270				0.1	0.1	19.5	0	0		
		300				0.1	0.1	19.5	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.5	0.0	0.0		

Site:	Cherryfield Drive, Kirkby	Visit Number:	5		
Job Number:	15280	Date:	19/04/2022		
		Weather:	Clear		
		Temperature:	10.00	(°C)	

Drafted	Rev	Auth	Start Time:		Start Pressure:	1017
TP	PW		End Time:		End Pressure:	1020

Comments:

Flooded Wells: 4
Damaged Wells:0 Cant locate: 3

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	1019		0.1	0.1	0.1	19.9	0	0	1.85	Dry
		60				0.1	0.1	19.9	0	0		
		90				0.1	0.1	20	0	0		
		120				0.1	0.1	20	0	0		
		150				0.1	0.1	20	0	0		
		180				0.1	0.1	19.9	0	0		
		210				0.1	0.1	19.9	0	0		
		240				0.1	0.1	19.9	0	0		
		270				0.1	0.1	19.9	0	0		
		300				0.1	0.1	19.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.9	0.0	0.0		
WS102	1.00 - 3.00	30	1018		0.1	0.1	0.1	19.8	0	0	2.7	Dry
		60				0.1	0.1	19.8	0	0		
		90				0.1	0.1	19.9	0	0		
		120				0.1	0.1	19.9	0	0		
		150				0.1	0.1	19.9	0	0		
		180				0.1	0.1	19.9	0	0		
		210				0.1	0.1	19.9	0	0		
		240				0.1	0.1	19.9	0	0		
		270				0.1	0.1	19.9	0	0		
		300				0.1	0.1	19.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.9	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
	0.50 - 2.50	30	1018		0.1	0.1	0.1	19.8	0	0		
		60				0.1	0.1	19.9	0	0		
		90				0.1	0.1	19.8	0	0		
		120				0.1	0.1	19.8	0	0		
		150				0.1	0.1	19.9	0	0		
		180				0.1	0.1	19.9	0	0		
		210				0.1	0.1	19.9	0	0		
		240				0.1	0.1	19.9	0	0		
		270				0.1	0.1	19.9	0	0		
		300				0.1	0.1	19.9	0	0		

e3p	Site: Cherryfield Drive, Kirkby		Visit Number:	5	
	Job Number: 15280		Date:	19/04/2022	
			Weather:	Clear	
			Temperature:	10.00	(°C)
	Drafted: TP	Rev: PW	Auth:	Start Time:	Start Pressure: 1017
				End Time:	End Pressure: 1020

Comments:

Flooded Wells: 4
Damaged Wells:0 Cant locate: 3

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105		330									2.25	2.2
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.9	0.0	0.0		
WS106	1.00 - 3.00	30	1019		0.1	0.1	0.1	19.9	0	0	2.85	Dry
		60				0.1	0.1	19.9	0	0		
		90				0.1	0.1	19.9	0	0		
		120				0.1	0.1	19.9	0	0		
		150				0.1	0.1	19.8	0	0		
		180				0.1	0.1	19.8	0	0		
		210				0.1	0.1	19.8	0	0		
		240				0.1	0.1	19.9	0	0		
		270				0.1	0.1	19.9	0	0		
		300				0.1	0.1	19.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.9	0.0	0.0		
WS108	0.80 - 2.80	30	1019		0.1	0.1	0.1	19.9	0	0	2.7	2.6
		60				0.1	0.1	19.9	0	0		
		90				0.1	0.1	19.9	0	0		
		120				0.1	0.1	19.8	0	0		
		150				0.1	0.1	19.8	0	0		
		180				0.1	0.1	19.9	0	0		
		210				0.1	0.1	19.9	0	0		
		240				0.1	0.1	19.9	0	0		
		270				0.1	0.1	19.9	0	0		
		300				0.1	0.1	19.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.9	0.0	0.0		
WS110	0.25 - 1.25	30	1019		0.1	0.1	0.1	19.9	0	0	0.95	Dry
		60				0.1	0.1	19.9	0	0		
		90				0.1	0.1	19.8	0	0		
		120				0.1	0.1	19.8	0	0		
		150				0.1	0.1	19.8	0	0		
		180				0.1	0.1	19.8	0	0		
		210				0.1	0.1	19.9	0	0		
		240				0.1	0.1	19.9	0	0		
		270				0.1	0.1	19.9	0	0		
		300				0.1	0.1	19.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.9	0.0	0.0		

e3p	Site:	Cherryfield Drive, Kirkby		Visit Number:	5			
	Job Number:	15280		Date:	19/04/2022			
				Weather:	Clear			
				Temperature:	10.00	(°C)		
	Drafted	Rev	Auth	Start Time:		Start Pressure:	1017	
	TP	PW		End Time:		End Pressure:	1020	

Comments:

Flooded Wells: 4
Damaged Wells:0 Cant locate: 3

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS111	0.50 - 3.00	30	1018		0.1	0.1	0.1	19.8	0	0	3.3	Dry
		60				0.1	0.1	19.8	0	0		
		90				0.1	0.1	19.9	0	0		
		120				0.1	0.1	19.9	0	0		
		150				0.1	0.1	19.9	0	0		
		180				0.1	0.1	19.9	0	0		
		210				0.1	0.1	19.9	0	0		
		240				0.1	0.1	19.9	0	0		
		270				0.1	0.1	19.9	0	0		
		300				0.1	0.1	19.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.9	0.0	0.0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	6		
	Job Number: 15280			Date:	5/05/2022		
				Weather:	Overcast		
				Temperature:	10.00	(°C)	
	Drafted	Rev	Auth	Start Time:	7:34:00 AM	Start Pressure:	1019
	SK			End Time:	10:30:00 AM	End Pressure:	1018

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	1018		0.1	0.1	0.1	18.9	0	0	1.86	Dry
		60			0.1	0.1	0.1	18.9	0	0		
		90			0.1	0.1	0.1	18.9	0	0		
		120			0.1	0.1	0.1	18.9	0	0		
		150			0.1	0.1	0.1	18.8	0	0		
		180			0.1	0.1	0.1	18.8	0	0		
		210			0.1	0.1	0.1	18.8	0	0		
		240			0.1	0.1	0.1	18.8	0	0		
		270			0.1	0.1	0.1	18.8	0	0		
		300			0.1	0.1	0.1	18.8	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.8	0.0	0.0		
WS102	1.00 - 3.00	30	1018		0.1	0.1	0.1	18.9	0	0	2.69	Dry
		60			0.1	0.1	0.1	18.9	0	0		
		90			0.1	0.1	0.1	18.9	0	0		
		120			0.1	0.1	0.1	18.9	0	0		
		150			0.1	0.1	0.1	18.9	0	0		
		180			0.1	0.1	0.1	18.9	0	0		
		210			0.1	0.1	0.1	18.8	0	0		
		240			0.1	0.1	0.1	18.8	0	0		
		270			0.1	0.1	0.1	18.8	0	0		
		300			0.1	0.1	0.1	18.8	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.8	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
	0.50 - 2.50	30	1018		0.1	0.1	0.1	18.9	0	0		
		60			0.1	0.1	0.1	18.9	0	0		
		90			0.1	0.1	0.1	18.9	0	0		
		120			0.1	0.1	0.1	18.9	0	0		
		150			0.1	0.1	0.1	18.9	0	0		
		180			0.1	0.1	0.1	18.8	0	0		
		210			0.1	0.1	0.1	18.8	0	0		
		240			0.1	0.1	0.1	18.8	0	0		
		270			0.1	0.1	0.1	18.8	0	0		
		300			0.1	0.1	0.1	18.8	0	0		

e3p	Site:	Cherryfield Drive, Kirkby			Visit Number:		6					
	Job Number:	15280			Date:		5/05/2022					
					Weather:		Overcast					
					Temperature:		10.00	(°C)				
	Drafted	Rev	Auth	Start Time:		7:34:00 AM	Start Pressure:	1019				
	SK			End Time:		10:30:00 AM	End Pressure:	1018				
Comments:												
Flooded Wells: 0 Damaged Wells: 1 Cant locate: 4												

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105		330									2.24	Dry
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.8	0.0	0.0		
WS106	1.00 - 3.00	30	1018		0.1	0.1	0.1	18.9	0	0	2.87	Dry
		60			0.1	0.1	0.1	18.9	0	0		
		90			0.1	0.1	0.1	18.9	0	0		
		120			0.1	0.1	0.1	18.9	0	0		
		150			0.1	0.1	0.1	18.8	0	0		
		180			0.1	0.1	0.1	18.8	0	0		
		210			0.1	0.1	0.1	18.8	0	0		
		240			0.1	0.1	0.1	18.8	0	0		
		270			0.1	0.1	0.1	18.8	0	0		
		300			0.1	0.4	0.1	18.8	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.4	0.1	18.9	0.0	0.0		
	STEADY				0.1	0.4	0.1	18.8	0.0	0.0		
WS108	0.80 - 2.80	30	1018		0.1	0.1	0.1	18.9	0	0	2.68	2.42
		60			0.1	0.1	0.1	18.9	0	0		
		90			0.1	0.1	0.1	18.9	0	0		
		120			0.1	0.1	0.1	18.9	0	0		
		150			0.1	0.1	0.1	18.8	0	0		
		180			0.1	0.1	0.1	18.8	0	0		
		210			0.1	0.1	0.1	18.8	0	0		
		240			0.1	0.1	0.1	18.8	0	0		
		270			0.1	0.1	0.1	18.8	0	0		
		300			0.1	0.1	0.1	18.8	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.8	0.0	0.0		
WS110	0.25 - 1.25	30	1018		0.1	0.1	0.1	18.9	0	0	0.95	Dry
		60			0.1	0.1	0.1	18.9	0	0		
		90			0.1	0.1	0.1	18.9	0	0		
		120			0.1	0.1	0.1	18.8	0	0		
		150			0.1	0.1	0.1	18.8	0	0		
		180			0.1	0.1	0.1	18.8	0	0		
		210			0.1	0.1	0.1	18.8	0	0		
		240			0.1	0.1	0.1	18.8	0	0		
		270			0.1	0.1	0.1	18.8	0	0		
		300			0.1	0.1	0.1	18.8	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.8	0.0	0.0		

e3p	**Site:** Cherryfield Drive, Kirkby			**Visit Number:**		6		
	Job Number: 15280			**Date:**		5/05/2022		
				Weather:		Overcast		
				Temperature:		10.00	(°C)	
	Drafted	**Rev**	**Auth**	**Start Time:**	7:34:00 AM	**Start Pressure:**	1019	
	SK			**End Time:**	10:30:00 AM	**End Pressure:**	1018	

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS111	0.50 - 3.00	30	1018		0.1	0.1	0.1	18.9	0	0	3.25	Dry
		60			0.1	0.1	0.1	18.9	0	0		
		90			0.1	0.1	0.1	18.9	0	0		
		120			0.1	0.1	0.1	18.9	0	0		
		150			0.1	0.1	0.1	18.8	0	0		
		180			0.1	0.1	0.1	18.8	0	0		
		210			0.1	0.1	0.1	18.8	0	0		
		240			0.1	0.1	0.1	18.8	0	0		
		270			0.1	0.1	0.1	18.8	0	0		
		300			0.1	0.1	0.1	18.8	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.8	0.0	0.0		

Site:	Cherryfield Drive, Kirkby	**Visit Number:**	7		
Job Number:	15280	**Date:**	16/05/2022		
		Weather:	Raining		
		Temperature:	13.00	(°C)	

Drafted	Rev	Auth	Start Time:		Start Pressure:	1011
SK	PW		End Time:		End Pressure:	1016

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	1012		0.1	0.1	0.1	19.9	0	0	1.85	Dry
		60				0.1	0.1	19.9	0	0		
		90				0.1	0.1	19.9	0	0		
		120				0.1	0.1	19.9	0	0		
		150				0.1	0.1	19.9	0	0		
		180				0.1	0.1	20	0	0		
		210				0.1	0.1	20	0	0		
		240				0.1	0.1	20	0	0		
		270				0.1	0.1	20	0	0		
		300				0.1	0.1	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		
WS102	1.00 - 3.00	30	1015		0.1	0.1	0.1	19.8	0	0	2.7	Dry
		60				0.1	0.1	19.8	0	0		
		90				0.1	0.1	19.8	0	0		
		120				0.1	0.1	19.8	0	0		
		150				0.1	0.1	19.9	0	0		
		180				0.1	0.1	19.9	0	0		
		210				0.1	0.1	19.9	0	0		
		240				0.1	0.1	19.9	0	0		
		270				0.1	0.1	19.9	0	0		
		300				0.1	0.1	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
	0.50 - 2.50	30	1012		0.1	0.1	0.1	19.9	0	0		
		60				0.1	0.1	19.9	0	0		
		90				0.1	0.1	19.8	0	0		
		120				0.1	0.1	19.8	0	0		
		150				0.1	0.1	19.8	0	0		
		180				0.1	0.1	19.9	0	0		
		210				0.1	0.1	19.9	0	0		
		240				0.1	0.1	19.9	0	0		
		270				0.1	0.1	19.9	0	0		
		300				0.1	0.1	19.9	0	0		

Site:	Cherryfield Drive, Kirkby	Visit Number:	7		
Job Number:	15280	Date:	16/05/2022		
		Weather:	Raining		
		Temperature:	13.00	(°C)	

Drafted	Rev	Auth	Start Time:		Start Pressure:	1011
SK	PW		End Time:		End Pressure:	1016

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105		330									2.25	2
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.9	0.0	0.0		
WS106	1.00 - 3.00	30	1015		0.1	0.1	0.1	19.9	0	0	2.85	Dry
		60				0.1	0.1	19.9	0	0		
		90				0.1	0.1	19.9	0	0		
		120				0.1	0.1	19.9	0	0		
		150				0.1	0.1	19.9	0	0		
		180				0.1	0.1	19.9	0	0		
		210				0.1	0.1	20	0	0		
		240				0.1	0.1	20	0	0		
		270				0.1	0.1	20	0	0		
		300				0.1	0.1	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		
WS108	0.80 - 2.80	30	1015		0.1	0.1	0.1	19.8	0	0	2.7	2.4
		60				0.1	0.1	19.8	0	0		
		90				0.1	0.1	19.8	0	0		
		120				0.1	0.1	19.9	0	0		
		150				0.1	0.1	19.9	0	0		
		180				0.1	0.1	19.9	0	0		
		210				0.1	0.1	19.9	0	0		
		240				0.1	0.1	19.9	0	0		
		270				0.1	0.1	19.9	0	0		
		300				0.1	0.1	19.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.9	0.0	0.0		
WS110	0.25 - 1.25	30	1015		0.1	0.1	0.1	19.8	0	0	0.95	Dry
		60				0.1	0.1	19.8	0	0		
		90				0.1	0.1	19.9	0	0		
		120				0.1	0.1	19.9	0	0		
		150				0.1	0.1	19.9	0	0		
		180				0.1	0.1	20	0	0		
		210				0.1	0.1	19.9	0	0		
		240				0.1	0.1	19.9	0	0		
		270				0.1	0.1	20	0	0		
		300				0.1	0.1	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:		7		
	Job Number: 15280			Date:		16/05/2022		
				Weather:		Raining		
				Temperature:		13.00	(°C)	
	Drafted	Rev	Auth	Start Time:		Start Pressure:	1011	
	SK	PW		End Time:		End Pressure:	1016	

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS111	0.50 - 3.00	30	1015		0.1	0.1	0.1	19.8	0	0	3.3	Dry
		60				0.1	0.1	19.8	0	0		
		90				0.1	0.1	19.8	0	0		
		120				0.1	0.1	19.9	0	0		
		150				0.1	0.1	19.9	0	0		
		180				0.1	0.1	19.9	0	0		
		210				0.1	0.1	20	0	0		
		240				0.1	0.1	20	0	0		
		270				0.1	0.1	20	0	0		
		300				0.1	0.1	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		

e3p

Site:	Cherryfield Drive, Kirkby	Visit Number:	8	
Job Number:	15280	Date:	31/05/2022	
		Weather:	Raining	
		Temperature:	10.00	(°C)

Drafted	Rev	Auth	Start Time:		Start Pressure:	1008
SK	PW		End Time:		End Pressure:	1015

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	1010		0.1	0.1	0.1	20	0	0	1.85	1.65
		60				0.1	0.1	20	0	0		
		90				0.1	0.1	20.1	0	0		
		120				0.1	0.1	20.1	0	0		
		150				0.1	0.1	20.1	0	0		
		180				0.1	0.1	20.1	0	0		
		210				0.1	0.1	20.2	0	0		
		240				0.1	0.1	20.2	0	0		
		270				0.1	0.1	20.2	0	0		
		300				0.1	0.1	20.2	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.2	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.2	0.0	0.0		
WS102	1.00 - 3.00	30	1015		0.1	0.1	0.1	19.9	0	0	2.7	Dry
		60				0.1	0.1	19.9	0	0		
		90				0.1	0.1	19.9	0	0		
		120				0.1	0.1	20	0	0		
		150				0.1	0.1	20	0	0		
		180				0.1	0.1	20	0	0		
		210				0.1	0.1	20	0	0		
		240				0.1	0.1	20.1	0	0		
		270				0.1	0.1	20.1	0	0		
		300				0.1	0.1	20.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.1	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
		30	1016		0.1	0.1	0.1	19.9	0	0		
		60				0.1	0.1	19.9	0	0		
		90				0.1	0.1	20	0	0		
		120				0.1	0.1	20	0	0		
		150				0.1	0.1	20	0	0		
		180				0.1	0.1	20	0	0		
		210				0.1	0.1	20.1	0	0		
		240				0.1	0.1	20.1	0	0		
		270				0.1	0.1	20.1	0	0		
	0.50 - 2.50	300				0.1	0.1	20.1	0	0		

e3p	Site: Cherryfield Drive, Kirkby		Visit Number:	8	
	Job Number: 15280		Date:	31/05/2022	
			Weather:	Raining	
			Temperature:	10.00	(°C)
	Drafted: SK	Rev: PW	Auth:	Start Time:	Start Pressure: 1008
				End Time:	End Pressure: 1015

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105		330									2.25	1.9
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.1	0.0	0.0		
WS106	1.00 - 3.00	30	1015		0.1	0.1	0.1	19.9	0	0	2.85	Dry
		60				0.1	0.1	19.9	0	0		
		90				0.1	0.1	19.9	0	0		
		120				0.1	0.1	19.9	0	0		
		150				0.1	0.1	20	0	0		
		180				0.1	0.1	20	0	0		
		210				0.1	0.1	20	0	0		
		240				0.1	0.1	20	0	0		
		270				0.1	0.1	20.1	0	0		
		300				0.1	0.1	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		
WS108	0.80 - 2.80	30	1015		0.1	0.1	0.1	19.9	0	0	2.7	2.4
		60				0.1	0.1	19.9	0	0		
		90				0.1	0.1	19.9	0	0		
		120				0.1	0.1	20	0	0		
		150				0.1	0.1	20	0	0		
		180				0.1	0.1	20	0	0		
		210				0.1	0.1	20.1	0	0		
		240				0.1	0.1	20.1	0	0		
		270				0.1	0.1	20.1	0	0		
		300				0.1	0.1	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		
WS110	0.25 - 1.25	30	1016		0.1	0.1	0.1	19.9	0	0	0.95	Dry
		60				0.1	0.1	19.9	0	0		
		90				0.1	0.1	20	0	0		
		120				0.1	0.1	20	0	0		
		150				0.1	0.1	20	0	0		
		180				0.1	0.1	20.1	0	0		
		210				0.1	0.1	20.1	0	0		
		240				0.1	0.1	20.1	0	0		
		270				0.1	0.1	20.1	0	0		
		300				0.1	0.1	20.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.1	0.0	0.0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	8			
	Job Number: 15280			Date:	31/05/2022			
				Weather:	Raining			
				Temperature:	10.00	(°C)		
	Drafted	Rev	Auth	Start Time:		Start Pressure:	1008	
	SK	PW		End Time:		End Pressure:	1015	
Comments:								
Flooded Wells: 0 Damaged Wells: 1 Cant locate: 4								

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS111	0.50 - 3.00	30	1016		0.1	0.1	0.1	19.9	0	0	3.3	3.15
		60				0.1	0.1	20	0	0		
		90				0.1	0.1	20	0	0		
		120				0.1	0.1	20	0	0		
		150				0.1	0.1	20.1	0	0		
		180				0.1	0.1	20.1	0	0		
		210				0.1	0.1	20.1	0	0		
		240				0.1	0.1	20.1	0	0		
		270				0.1	0.1	20.2	0	0		
		300				0.1	0.1	20.2	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.2	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.2	0.0	0.0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	9		
	Job Number: 15280			Date:	15/06/2022		
				Weather:	Clear		
				Temperature:	21.00	(°C)	
	Drafted	Rev	Auth	Start Time:		Start Pressure:	1017
	SK	PW		End Time:		End Pressure:	1015

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	1017		0.1	0.1	0.1	20.4	0	0	1.85	Dry
		60				0.1	0.1	20.4	0	0		
		90				0.1	0.1	20.5	0	0		
		120				0.1	0.1	20.5	0	0		
		150				0.1	0.1	20.5	0	0		
		180				0.1	0.1	20.5	0	0		
		210				0.1	0.1	20.4	0	0		
		240				0.1	0.1	20.4	0	0		
		270				0.1	0.1	20.5	0	0		
		300				0.1	0.1	20.5	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.5	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.5	0.0	0.0		
WS102	1.00 - 3.00	30	1015		0.1	0.1	0.1	20.3	0	0	2.7	Dry
		60				0.1	0.1	20.3	0	0		
		90				0.1	0.1	20.3	0	0		
		120				0.1	0.1	20.4	0	0		
		150				0.1	0.1	20.4	0	0		
		180				0.1	0.1	20.4	0	0		
		210				0.1	0.1	20.4	0	0		
		240				0.1	0.1	20.4	0	0		
		270				0.1	0.1	20.4	0	0		
		300				0.1	0.1	20.4	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.4	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.4	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
	0.50 - 2.50	30	1017		0.1	0.1	0.1	20.3	0	0		
		60				0.1	0.1	20.3	0	0		
		90				0.1	0.1	20.4	0	0		
		120				0.1	0.1	20.4	0	0		
		150				0.1	0.1	20.4	0	0		
		180				0.1	0.1	20.4	0	0		
		210				0.1	0.1	20.4	0	0		
		240				0.1	0.1	20.5	0	0		
		270				0.1	0.1	20.5	0	0		
		300				0.1	0.1	20.5	0	0		

e3p	Site: Cherryfield Drive, Kirkby		Visit Number:	9	
	Job Number: 15280		Date:	15/06/2022	
			Weather:	Clear	
			Temperature:	21.00	(°C)

Drafted	Rev	Auth	Start Time:		Start Pressure:	1017
SK	PW		End Time:		End Pressure:	1015

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105		330									2.25	2
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.5	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.5	0.0	0.0		
WS106	1.00 - 3.00	30	1015		0.1	0.1	0.1	20.3	0	0	2.85	Dry
		60				0.1	0.1	20.3	0	0		
		90				0.1	0.1	20.3	0	0		
		120				0.1	0.1	20.3	0	0		
		150				0.1	0.1	20.3	0	0		
		180				0.1	0.1	20.3	0	0		
		210				0.1	0.1	20.4	0	0		
		240				0.1	0.1	20.4	0	0		
		270				0.1	0.1	20.4	0	0		
		300				0.1	0.1	20.4	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.4	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.4	0.0	0.0		
WS108	0.80 - 2.80	30	1015		0.1	0.1	0.1	20.3	0	0	2.7	Dry
		60				0.1	0.1	20.3	0	0		
		90				0.1	0.1	20.4	0	0		
		120				0.1	0.1	20.4	0	0		
		150				0.1	0.1	20.4	0	0		
		180				0.1	0.1	20.4	0	0		
		210				0.1	0.1	20.3	0	0		
		240				0.1	0.1	20.3	0	0		
		270				0.1	0.1	20.3	0	0		
		300				0.1	0.1	20.3	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.4	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.3	0.0	0.0		
WS110	0.25 - 1.25	30	1016		0.1	0.1	0.1	20.3	0	0	0.95	Dry
		60				0.1	0.1	20.4	0	0		
		90				0.1	0.1	20.4	0	0		
		120				0.1	0.1	20.4	0	0		
		150				0.1	0.1	20.4	0	0		
		180				0.1	0.1	20.4	0	0		
		210				0.1	0.1	20.4	0	0		
		240				0.1	0.1	20.5	0	0		
		270				0.1	0.1	20.5	0	0		
		300				0.1	0.1	20.5	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.5	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.5	0.0	0.0		

e3p	**Site:** Cherryfield Drive, Kirkby			**Visit Number:**		9		
	Job Number: 15280			**Date:**		15/06/2022		
				Weather:		Clear		
				Temperature:		21.00	(°C)	
	Drafted	**Rev**	**Auth**	**Start Time:**		**Start Pressure:**	1017	
	SK	PW		**End Time:**		**End Pressure:**	1015	
Comments:								
Flooded Wells: 0 Damaged Wells: 1 Cant locate: 4								

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS111	0.50 - 3.00	30	1016		0.1	0.1	0.1	20.3	0	0	3.3	Dry
		60				0.1	0.1	20.3	0	0		
		90				0.1	0.1	20.4	0	0		
		120				0.1	0.1	20.4	0	0		
		150				0.1	0.1	20.4	0	0		
		180				0.1	0.1	20.4	0	0		
		210				0.1	0.1	20.4	0	0		
		240				0.1	0.1	20.4	0	0		
		270				0.1	0.1	20.4	0	0		
		300				0.1	0.1	20.4	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.4	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.4	0.0	0.0		

Site:	Cherryfield Drive, Kirkby	**Visit Number:**	**10**				
Job Number:	15280	**Date:**	5/07/2022				
		Weather:	Overcast				
		Temperature:	14-18	(°C)			
Drafted	**Rev**	**Auth**	**Start Time:**	7:25:00 AM	**Start Pressure:**	1018	
SK	PW		**End Time:**	1:00:00 PM	**End Pressure:**	1020	

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	1023		0.1	0.1	0.1	18.7	0	0	1.85	Dry
		60			0.1	0.1	0.1	18.7	0	0		
		90			0.1	0.1	0.1	18.7	0	0		
		120			0.1	0.1	0.1	18.7	0	0		
		150			0.1	0.1	0.1	18.7	0	0		
		180			0.1	0.1	0.1	18.7	0	0		
		210			0.1	0.1	0.1	18.7	0	0		
		240			0.1	0.1	0.1	18.7	0	0		
		270			0.1	0.1	0.1	18.7	0	0		
		300			0.1	0.1	0.1	18.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.7	0.0	0.0		
WS102	1.00 - 3.00	30	1020		0.1	0.1	0.1	18.9	0	0	2.7	Dry
		60			0.1	0.1	0.1	18.9	0	0		
		90			0.1	0.1	0.1	18.9	0	0		
		120			0.1	0.1	0.1	18.9	0	0		
		150			0.1	0.1	0.1	18.9	0	0		
		180			0.1	0.1	0.1	18.9	0	0		
		210			0.1	0.1	0.1	18.9	0	0		
		240			0.1	0.1	0.1	18.9	0	0		
		270			0.1	0.1	0.1	18.9	0	0		
		300			0.1	0.1	0.1	18.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.9	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
		30	1022		0.1	0.1	0.1	18.7	0	0		
		60			0.1	0.1	0.1	18.7	0	0		
		90			0.1	0.1	0.1	18.7	0	0		
		120			0.1	0.1	0.1	18.7	0	0		
		150			0.1	0.1	0.1	18.7	0	0		
		180			0.1	0.1	0.1	18.7	0	0		
		210			0.1	0.1	0.1	18.7	0	0		
		240			0.1	0.1	0.1	18.7	0	0		
		270			0.1	0.1	0.1	18.7	0	0		
	0.50 - 2.50	300			0.1	0.1	0.1	18.7	0	0		

Site:	Cherryfield Drive, Kirkby	Visit Number:	10		
Job Number:	15280	Date:	5/07/2022		
		Weather:	Overcast		
		Temperature:	14-18	(°C)	

Drafted	Rev	Auth	Start Time:	7:25:00 AM	Start Pressure:	1018
SK	PW		End Time:	1:00:00 PM	End Pressure:	1020

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105		330									2.23	Dry
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.7	0.0	0.0		
WS106	1.00 - 3.00	30	1020		0.1	0.1	0.1	18.9	0	0	2.85	Dry
		60			0.1	0.1	0.1	18.9	0	0		
		90			0.1	0.1	0.1	18.9	0	0		
		120			0.1	0.1	0.1	18.9	0	0		
		150			0.1	0.1	0.1	18.9	0	0		
		180			0.1	0.1	0.1	18.9	0	0		
		210			0.1	0.1	0.1	18.9	0	0		
		240			0.1	0.1	0.1	18.9	0	0		
		270			0.1	0.1	0.1	18.9	0	0		
		300			0.1	0.1	0.1	18.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.9	0.0	0.0		
WS108	0.80 - 2.80	30	1022		0.1	0.1	0.1	18.8	0	0	2.69	2.56
		60			0.1	0.1	0.1	18.8	0	0		
		90			0.1	0.1	0.1	18.8	0	0		
		120			0.1	0.1	0.1	18.8	0	0		
		150			0.1	0.1	0.1	18.8	0	0		
		180			0.1	0.1	0.1	18.8	0	0		
		210			0.1	0.1	0.1	18.8	0	0		
		240			0.1	0.1	0.1	18.8	0	0		
		270			0.1	0.1	0.1	18.8	0	0		
		300			0.1	0.1	0.1	18.8	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.8	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.8	0.0	0.0		
WS110	0.25 - 1.25	30	1022		0.1	0.1	0.1	18.8	0	0	0.94	Dry
		60			0.1	0.1	0.1	18.8	0	0		
		90			0.1	0.1	0.1	18.8	0	0		
		120			0.1	0.1	0.1	18.8	0	0		
		150			0.1	0.1	0.1	18.8	0	0		
		180			0.1	0.1	0.1	18.8	0	0		
		210			0.1	0.1	0.1	18.8	0	0		
		240			0.1	0.1	0.1	18.8	0	0		
		270			0.1	0.1	0.1	18.8	0	0		
		300			0.1	0.1	0.1	18.8	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.8	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.8	0.0	0.0		

e3p	**Site:** Cherryfield Drive, Kirkby			**Visit Number:**		10	
	Job Number: 15280			**Date:**		5/07/2022	
				Weather:		Overcast	
				Temperature:		14-18	(°C)
	Drafted	**Rev**	**Auth**	**Start Time:**	7:25:00 AM	**Start Pressure:**	1018
	SK	PW		**End Time:**	1:00:00 PM	**End Pressure:**	1020

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS111	0.50 - 3.00	30	1022		0.1	0.1	0.1	18.7	0	0	3.27	Dry
		60			0.1	0.1	0.1	18.7	0	0		
		90			0.1	0.1	0.1	18.7	0	0		
		120			0.1	0.1	0.1	18.7	0	0		
		150			0.1	0.1	0.1	18.7	0	0		
		180			0.1	0.1	0.1	18.7	0	0		
		210			0.1	0.1	0.1	18.7	0	0		
		240			0.1	0.1	0.1	18.7	0	0		
		270			0.1	0.1	0.1	18.7	0	0		
		300			0.1	0.1	0.1	18.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.7	0.0	0.0		

e3p

Site:	Cherryfield Drive, Kirkby	Visit Number:	11	
Job Number:	15280	Date:	1/08/2022	
		Weather:	Sunny	
		Temperature:	19.00	(°C)

Drafted	Rev	Auth	Start Time:		Start Pressure:	1018
SK	PW		End Time:		End Pressure:	1009

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	1022		0.1	0.1	0.1	20.5	0	0	1.85	Dry
		60			0.1	0.1	0.1	20.6	0	0		
		90			0.1	0.1	0.1	20.6	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.6	0	0		
		180			0.1	0.1	0.1	20.7	0	0		
		210			0.1	0.1	0.1	20.7	0	0		
		240			0.1	0.1	0.1	20.7	0	0		
		270			0.1	0.1	0.1	20.7	0	0		
		300			0.1	0.1	0.1	20.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.7	0.0	0.0		
WS102	1.00 - 3.00	30	1010		0.1	0.1	0.1	20.6	0	0	2.7	Dry
		60			0.1	0.1	0.1	20.7	0	0		
		90			0.1	0.1	0.1	20.7	0	0		
		120			0.1	0.1	0.1	20.7	0	0		
		150			0.1	0.1	0.1	20.7	0	0		
		180			0.1	0.1	0.1	20.7	0	0		
		210			0.1	0.1	0.1	20.7	0	0		
		240			0.1	0.1	0.1	20.7	0	0		
		270			0.1	0.1	0.1	20.7	0	0		
		300			0.1	0.1	0.1	20.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.7	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
	0.50 - 2.50	30	1009		0.1	0.1	0.1	20.5	0	0		
		60			0.1	0.1	0.1	20.6	0	0		
		90			0.1	0.1	0.1	20.6	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.6	0	0		
		180			0.1	0.1	0.1	20.7	0	0		
		210			0.1	0.1	0.1	20.7	0	0		
		240			0.1	0.1	0.1	20.7	0	0		
		270			0.1	0.1	0.1	20.7	0	0		
		300			0.1	0.1	0.1	20.7	0	0		

Site:	Cherryfield Drive, Kirkby	Visit Number:	11		
Job Number:	15280	Date:	1/08/2022		
		Weather:	Sunny		
		Temperature:	19.00	(°C)	

Drafted	Rev	Auth	Start Time:		Start Pressure:	1018
SK	PW		End Time:		End Pressure:	1009

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105		330									2.25	Dry
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.7	0.0	0.0		
WS106	1.00 - 3.00	30	1010		0.1	0.1	0.1	20.7	0	0	2.85	Dry
		60			0.1	0.1	0.1	20.7	0	0		
		90			0.1	0.1	0.1	20.7	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.6	0	0		
		180			0.1	0.1	0.1	20.7	0	0		
		210			0.1	0.1	0.1	20.7	0	0		
		240			0.1	0.1	0.1	20.7	0	0		
		270			0.1	0.1	0.1	20.7	0	0		
		300			0.1	0.1	0.1	20.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.7	0.0	0.0		
WS108	0.80 - 2.80	30	1010		0.1	0.1	0.1	20.6	0	0	2.7	Dry
		60			0.1	0.1	0.1	20.6	0	0		
		90			0.1	0.1	0.1	20.6	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.7	0	0		
		180			0.1	0.1	0.1	20.7	0	0		
		210			0.1	0.1	0.1	20.7	0	0		
		240			0.1	0.1	0.1	20.7	0	0		
		270			0.1	0.1	0.1	20.7	0	0		
		300			0.1	0.1	0.1	20.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.7	0.0	0.0		
WS110	0.25 - 1.25	30	1009		0.1	0.1	0.1	20.7	0	0	0.95	Dry
		60			0.1	0.1	0.1	20.6	0	0		
		90			0.1	0.1	0.1	20.6	0	0		
		120			0.1	0.1	0.1	20.7	0	0		
		150			0.1	0.1	0.1	20.7	0	0		
		180			0.1	0.1	0.1	20.7	0	0		
		210			0.1	0.1	0.1	20.7	0	0		
		240			0.1	0.1	0.1	20.7	0	0		
		270			0.1	0.1	0.1	20.7	0	0		
		300			0.1	0.1	0.1	20.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.7	0.0	0.0		

e3p	Site:	Cherryfield Drive, Kirkby		Visit Number:		11		
	Job Number:	15280		Date:		1/08/2022		
				Weather:		Sunny		
				Temperature:		19.00	(°C)	
	Drafted	Rev	Auth	Start Time:		Start Pressure:	1018	
	SK	PW		End Time:		End Pressure:	1009	

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS111	0.50 - 3.00	30	1009		0.1	0.1	0.1	20.7	0	0	3.3	Dry
		60			0.1	0.1	0.1	20.7	0	0		
		90			0.1	0.1	0.1	20.7	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.6	0	0		
		180			0.1	0.1	0.1	20.7	0	0		
		210			0.1	0.1	0.1	20.7	0	0		
		240			0.1	0.1	0.1	20.7	0	0		
		270			0.1	0.1	0.1	20.7	0	0		
		300			0.1	0.1	0.1	20.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.7	0.0	0.0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	12		
	Job Number: 15280			Date:	10/08/2022		
				Weather:	Clear		
				Temperature:	19.00	(°C)	
	Drafted	Rev	Auth	Start Time:		Start Pressure:	1026
	SK	PW		End Time:		End Pressure:	1021

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	1029		0.1	0.1	0.1	20.6	0	0	1.85	Dry
		60			0.1	0.1	0.1	20.6	0	0		
		90			0.1	0.1	0.1	20.6	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.7	0	0		
		180			0.1	0.1	0.1	20.7	0	0		
		210			0.1	0.1	0.1	20.7	0	0		
		240			0.1	0.1	0.1	20.7	0	0		
		270			0.1	0.1	0.1	20.8	0	0		
		300			0.1	0.1	0.1	20.8	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.8	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.8	0.0	0.0		
WS102	1.00 - 3.00	30	1022		0.1	0.1	0.1	20.6	0	0	2.7	Dry
		60			0.1	0.1	0.1	20.6	0	0		
		90			0.1	0.1	0.1	20.6	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.7	0	0		
		180			0.1	0.1	0.1	20.7	0	0		
		210			0.1	0.1	0.1	20.7	0	0		
		240			0.1	0.1	0.1	20.7	0	0		
		270			0.1	0.1	0.1	20.8	0	0		
		300			0.1	0.1	0.1	20.8	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.8	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.8	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
	0.50 - 2.50	30	1023		0.1	0.1	0.1	20.6	0	0		
		60			0.1	0.1	0.1	20.6	0	0		
		90			0.1	0.1	0.1	20.6	0	0		
		120			0.1	0.1	0.1	20.7	0	0		
		150			0.1	0.1	0.1	20.7	0	0		
		180			0.1	0.1	0.1	20.7	0	0		
		210			0.1	0.1	0.1	20.7	0	0		
		240			0.1	0.1	0.1	20.8	0	0		
		270			0.1	0.1	0.1	20.7	0	0		
		300			0.1	0.1	0.1	20.8	0	0		

e3p	Site: Cherryfield Drive, Kirkby		Visit Number:	12	
	Job Number: 15280		Date:	10/08/2022	
			Weather:	Clear	
			Temperature:	19.00	(°C)

Drafted	Rev	Auth	Start Time:		Start Pressure:	1026
SK	PW		End Time:		End Pressure:	1021

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105		330									2.25	Dry
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.8	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.8	0.0	0.0		
WS106	1.00 - 3.00	30	1022		0.1	0.1	0.1	20.6	0	0	2.85	Dry
		60			0.1	0.1	0.1	20.6	0	0		
		90			0.1	0.1	0.1	20.6	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.6	0	0		
		180			0.1	0.1	0.1	20.7	0	0		
		210			0.1	0.1	0.1	20.7	0	0		
		240			0.1	0.1	0.1	20.7	0	0		
		270			0.1	0.1	0.1	20.7	0	0		
		300			0.1	0.1	0.1	20.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.7	0.0	0.0		
WS108	0.80 - 2.80	30	1022		0.1	0.1	0.1	20.6	0	0	2.7	Dry
		60			0.1	0.1	0.1	20.6	0	0		
		90			0.1	0.1	0.1	20.7	0	0		
		120			0.1	0.1	0.1	20.7	0	0		
		150			0.1	0.1	0.1	20.7	0	0		
		180			0.1	0.1	0.1	20.7	0	0		
		210			0.1	0.1	0.1	20.7	0	0		
		240			0.1	0.1	0.1	20.8	0	0		
		270			0.1	0.1	0.1	20.8	0	0		
		300			0.1	0.1	0.1	20.8	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.8	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.8	0.0	0.0		
WS110	0.25 - 1.25	30	1022		0.1	0.1	0.1	20.7	0	0	0.95	Dry
		60			0.1	0.1	0.1	20.6	0	0		
		90			0.1	0.1	0.1	20.6	0	0		
		120			0.1	0.1	0.1	20.7	0	0		
		150			0.1	0.1	0.1	20.7	0	0		
		180			0.1	0.1	0.1	20.7	0	0		
		210			0.1	0.1	0.1	20.7	0	0		
		240			0.1	0.1	0.1	20.7	0	0		
		270			0.1	0.1	0.1	20.7	0	0		
		300			0.1	0.1	0.1	20.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.7	0.0	0.0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:		12		
	Job Number: 15280			Date:		10/08/2022		
				Weather:		Clear		
				Temperature:		19.00	(°C)	
	Drafted	Rev	Auth	Start Time:		Start Pressure:	1026	
	SK	PW		End Time:		End Pressure:	1021	

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS111	0.50 - 3.00	30	1023		0.1	0.1	0.1	20.6	0	0	3.3	Dry
		60			0.1	0.1	0.1	20.6	0	0		
		90			0.1	0.1	0.1	20.6	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.6	0	0		
		180			0.1	0.1	0.1	20.6	0	0		
		210			0.1	0.1	0.1	20.7	0	0		
		240			0.1	0.1	0.1	20.7	0	0		
		270			0.1	0.1	0.1	20.7	0	0		
		300			0.1	0.1	0.1	20.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.7	0.0	0.0		

e3p	Site: Cherryfield Drive, Kirkby		Visit Number:	13		
	Job Number: 15280		Date:	18/08/2022		
			Weather:	Clear		
			Temperature:	21.00	(°C)	
Drafted: SK	Rev: PW	Auth:	Start Time:		Start Pressure:	1010
			End Time:		End Pressure:	1015

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	1012		0.1	0.1	0.1	20.6	0	0	1.85	Dry
		60			0.1	0.1	0.1	20.6	0	0		
		90			0.1	0.1	0.1	20.6	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.6	0	0		
		180			0.1	0.1	0.1	20.7	0	0		
		210			0.1	0.1	0.1	20.7	0	0		
		240			0.1	0.1	0.1	20.7	0	0		
		270			0.1	0.1	0.1	20.7	0	0		
		300			0.1	0.1	0.1	20.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.7	0.0	0.0		
WS102	1.00 - 3.00	30	1014		0.1	0.1	0.1	20.7	0	0	2.7	Dry
		60			0.1	0.1	0.1	20.7	0	0		
		90			0.1	0.1	0.1	20.7	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.7	0	0		
		180			0.1	0.1	0.1	20.6	0	0		
		210			0.1	0.1	0.1	20.6	0	0		
		240			0.1	0.1	0.1	20.6	0	0		
		270			0.1	0.1	0.1	20.6	0	0		
		300			0.1	0.1	0.1	20.6	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.6	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
	0.50 - 2.50	30	1013		0.1	0.1	0.1	20.8	0	0		
		60			0.1	0.1	0.1	20.7	0	0		
		90			0.1	0.1	0.1	20.6	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.6	0	0		
		180			0.1	0.1	0.1	20.6	0	0		
		210			0.1	0.1	0.1	20.7	0	0		
		240			0.1	0.1	0.1	20.6	0	0		
		270			0.1	0.1	0.1	20.6	0	0		
		300			0.1	0.1	0.1	20.6	0	0		

e3p	Site: Cherryfield Drive, Kirkby		Visit Number:	13	
	Job Number: 15280		Date:	18/08/2022	
			Weather:	Clear	
			Temperature:	21.00	(°C)
	Drafted: SK	Rev: PW	Auth:	Start Time:	Start Pressure: 1010
				End Time:	End Pressure: 1015

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105		330									2.25	Dry
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.8	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.6	0.0	0.0		
WS106	1.00 - 3.00	30	1014		0.1	0.1	0.1	20.7	0	0	2.85	Dry
		60			0.1	0.1	0.1	20.7	0	0		
		90			0.1	0.1	0.1	20.6	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.6	0	0		
		180			0.1	0.1	0.1	20.6	0	0		
		210			0.1	0.1	0.1	20.6	0	0		
		240			0.1	0.1	0.1	20.7	0	0		
		270			0.1	0.1	0.1	20.7	0	0		
		300			0.1	0.1	0.1	20.6	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.6	0.0	0.0		
WS108	0.80 - 2.80	30	1014		0.1	0.1	0.1	20.8	0	0	2.7	Dry
		60			0.1	0.1	0.1	20.7	0	0		
		90			0.1	0.1	0.1	20.7	0	0		
		120			0.1	0.1	0.1	20.7	0	0		
		150			0.1	0.1	0.1	20.7	0	0		
		180			0.1	0.1	0.1	20.6	0	0		
		210			0.1	0.1	0.1	20.6	0	0		
		240			0.1	0.1	0.1	20.6	0	0		
		270			0.1	0.1	0.1	20.6	0	0		
		300			0.1	0.1	0.1	20.6	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.8	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.6	0.0	0.0		
WS110	0.25 - 1.25	30	1014		0.1	0.1	0.1	20.7	0	0	0.95	Dry
		60			0.1	0.1	0.1	20.7	0	0		
		90			0.1	0.1	0.1	20.6	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.6	0	0		
		180			0.1	0.1	0.1	20.6	0	0		
		210			0.1	0.1	0.1	20.6	0	0		
		240			0.1	0.1	0.1	20.7	0	0		
		270			0.1	0.1	0.1	20.6	0	0		
		300			0.1	0.1	0.1	20.6	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.6	0.0	0.0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	13		
	Job Number: 15280			Date:	18/08/2022		
				Weather:	Clear		
				Temperature:	21.00	(°C)	
	Drafted	Rev	Auth	Start Time:		Start Pressure:	1010
	SK	PW		End Time:		End Pressure:	1015

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS111	0.50 - 3.00	30	1013		0.1	0.1	0.1	20.7	0	0	3.3	Dry
		60			0.1	0.1	0.1	20.6	0	0		
		90			0.1	0.1	0.1	20.7	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.6	0	0		
		180			0.1	0.1	0.1	20.6	0	0		
		210			0.1	0.1	0.1	20.6	0	0		
		240			0.1	0.1	0.1	20.7	0	0		
		270			0.1	0.1	0.1	20.7	0	0		
		300			0.1	0.1	0.1	20.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.7	0.0	0.0		

Site:	Cherryfield Drive, Kirkby	**Visit Number:**	14		
Job Number:	15280	**Date:**	1/09/2022		
		Weather:	Clear		
		Temperature:	23.00	(°C)	

Drafted	Rev	Auth	Start Time:		Start Pressure:	1020
SK	PW		End Time:		End Pressure:	1015

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	1011		0.1	0.1	0.1	20.5	0	0	1.85	Dry
		60			0.1	0.1	0.1	20.5	0	0		
		90			0.1	0.1	0.1	20.5	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.6	0	0		
		180			0.1	0.1	0.1	20.6	0	0		
		210			0.1	0.1	0.1	20.6	0	0		
		240			0.1	0.1	0.1	20.6	0	0		
		270			0.1	0.1	0.1	20.6	0	0		
		300			0.1	0.1	0.1	20.6	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.6	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.6	0.0	0.0		
WS102	1.00 - 3.00	30	1017		0.1	0.1	0.1	20.5	0	0	2.7	Dry
		60			0.1	0.1	0.1	20.5	0	0		
		90			0.1	0.1	0.1	20.5	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.6	0	0		
		180			0.1	0.1	0.1	20.6	0	0		
		210			0.1	0.1	0.1	20.6	0	0		
		240			0.1	0.1	0.1	20.6	0	0		
		270			0.1	0.1	0.1	20.6	0	0		
		300			0.1	0.1	0.1	20.6	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.6	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.6	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
		30	1012		0.1	0.1	0.1	20.6	0	0		
		60			0.1	0.1	0.1	20.6	0	0		
		90			0.1	0.1	0.1	20.6	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.6	0	0		
		180			0.1	0.1	0.1	20.7	0	0		
		210			0.1	0.1	0.1	20.7	0	0		
		240			0.1	0.1	0.1	20.7	0	0		
		270			0.1	0.1	0.1	20.7	0	0		
	0.50 - 2.50	300			0.1	0.1	0.1	20.7	0	0		

Site:	Cherryfield Drive, Kirkby	**Visit Number:**	14		
Job Number:	15280	**Date:**	1/09/2022		
		Weather:	Clear		
		Temperature:	23.00	(°C)	

Drafted	Rev	Auth	Start Time:		Start Pressure:	1020
SK	PW		End Time:		End Pressure:	1015

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105		330									2.25	Dry
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.7	0.0	0.0		
WS106	1.00 - 3.00	30	1017		0.1	0.1	0.1	20.5	0	0	2.85	Dry
		60			0.1	0.1	0.1	20.5	0	0		
		90			0.1	0.1	0.1	20.6	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.6	0	0		
		180			0.1	0.1	0.1	20.6	0	0		
		210			0.1	0.1	0.1	20.6	0	0		
		240			0.1	0.1	0.1	20.7	0	0		
		270			0.1	0.1	0.1	20.7	0	0		
		300			0.1	0.1	0.1	20.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.7	0.0	0.0		
WS108	0.80 - 2.80	30	1017		0.1	0.1	0.1	20.5	0	0	2.7	Dry
		60			0.1	0.1	0.1	20.5	0	0		
		90			0.1	0.1	0.1	20.5	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.6	0	0		
		180			0.1	0.1	0.1	20.7	0	0		
		210			0.1	0.1	0.1	20.6	0	0		
		240			0.1	0.1	0.1	20.6	0	0		
		270			0.1	0.1	0.1	20.7	0	0		
		300			0.1	0.1	0.1	20.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.7	0.0	0.0		
WS110	0.25 - 1.25	30	1017		0.1	0.1	0.1	20.5	0	0	0.95	Dry
		60			0.1	0.1	0.1	20.6	0	0		
		90			0.1	0.1	0.1	20.6	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.6	0	0		
		180			0.1	0.1	0.1	20.6	0	0		
		210			0.1	0.1	0.1	20.7	0	0		
		240			0.1	0.1	0.1	20.7	0	0		
		270			0.1	0.1	0.1	20.7	0	0		
		300			0.1	0.1	0.1	20.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.7	0.0	0.0		

e3p	Site:	Cherryfield Drive, Kirkby		Visit Number:		14		
	Job Number:	15280		Date:		1/09/2022		
				Weather:		Clear		
				Temperature:		23.00	(°C)	
	Drafted	Rev	Auth	Start Time:		Start Pressure:	1020	
	SK	PW		End Time:		End Pressure:	1015	

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS111	0.50 - 3.00	30	1012		0.1	0.1	0.1	20.6	0	0	3.3	Dry
		60			0.1	0.1	0.1	20.6	0	0		
		90			0.1	0.1	0.1	20.6	0	0		
		120			0.1	0.1	0.1	20.7	0	0		
		150			0.1	0.1	0.1	20.6	0	0		
		180			0.1	0.1	0.1	20.7	0	0		
		210			0.1	0.1	0.1	20.7	0	0		
		240			0.1	0.1	0.1	20.7	0	0		
		270			0.1	0.1	0.1	20.7	0	0		
		300			0.1	0.1	0.1	20.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.7	0.0	0.0		

Site:	Cherryfield Drive, Kirkby	Visit Number:	15	
Job Number:	15280	Date:	20/09/2022	
		Weather:	Overcast	
		Temperature:	16.00	(°C)

Drafted	Rev	Auth	Start Time:	1:15:00 PM	Start Pressure:	1009
SK			End Time:		End Pressure:	1009

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	1009		0.1	0.1	0.1	20.1	0	0	1.85	Dry
		60				0.1	0.1	20.1	0	0		
		90				0.1	0.1	20.3	0	0		
		120				0.1	0.1	20.3	0	0		
		150				0.1	0.1	20.3	0	0		
		180				0.1	0.1	20.3	0	0		
		210				0.1	0.1	20.3	0	0		
		240				0.1	0.1	20.3	0	0		
		270				0.1	0.1	20.3	0	0		
		300				0.1	0.1	20.3	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.3	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.3	0.0	0.0		
WS102	1.00 - 3.00	30	1009		0.1	0.1	0.1	20.2	0	0	2.75	Dry
		60				0.1	0.1	20.1	0	0		
		90				0.1	0.1	20.3	0	0		
		120				0.1	0.1	20.3	0	0		
		150				0.1	0.1	20.5	0	0		
		180				0.1	0.1	20.5	0	0		
		210				0.1	0.1	20.5	0	0		
		240				0.1	0.1	20.5	0	0		
		270				0.1	0.1	20.5	0	0		
		300				0.1	0.1	20.5	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.5	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.5	0.0	0.0		
WS103	2.00 - 3.50	30										
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
		30	1008		0.1	0.1	0.1	20.4	0	0		
		60				0.1	0.1	20.4	0	0		
		90				0.1	0.1	20.4	0	0		
		120				0.1	0.1	20.1	0	0		
		150				0.1	0.1	20.3	0	0		
		180				0.1	0.1	20.3	0	0		
		210				0.1	0.1	20.6	0	0		
		240				0.1	0.1	20.7	0	0		
		270				0.1	0.1	20.7	0	0		
	0.50 - 2.50	300				0.1	0.1	20.7	0	0		

Site:	Cherryfield Drive, Kirkby	Visit Number:	15		
Job Number:	15280	Date:	20/09/2022		
		Weather:	Overcast		
		Temperature:	16.00	(°C)	

Drafted	Rev	Auth	Start Time:	1:15:00 PM	Start Pressure:	1009
SK			End Time:		End Pressure:	1009

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105		330									2.25	Dry
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.7	0.0	0.0		
WS106	1.00 - 3.00	30	1009		0.1	0.1	0.1	20.4	0	0	2.9	Dry
		60				0.1	0.1	20.4	0	0		
		90				0.1	0.1	20.4	0	0		
		120				0.1	0.1	20.6	0	0		
		150				0.1	0.1	20.6	0	0		
		180				0.1	0.1	20.5	0	0		
		210				0.1	0.1	20.5	0	0		
		240				0.1	0.1	20.5	0	0		
		270				0.1	0.1	20.6	0	0		
		300				0.1	0.1	20.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.7	0.0	0.0		
WS108	0.80 - 2.80	30	1008		0.1	0.1	0.1	20.5	0	0	2.7	Dry
		60				0.1	0.1	20.6	0	0		
		90				0.1	0.1	20.6	0	0		
		120				0.1	0.1	20.7	0	0		
		150				0.1	0.1	20.7	0	0		
		180				0.1	0.1	20.6	0	0		
		210				0.1	0.1	20.7	0	0		
		240				0.1	0.1	20.5	0	0		
		270				0.1	0.1	20.5	0	0		
		300				0.1	0.1	20.5	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.5	0.0	0.0		
WS110	0.25 - 1.25	30	1007		0.1	0.1	0.1	20.3	0	0	1	Dry
		60				0.1	0.1	20.3	0	0		
		90				0.1	0.1	20.4	0	0		
		120				0.1	0.1	20.4	0	0		
		150				0.1	0.1	20.4	0	0		
		180				0.1	0.1	20.4	0	0		
		210				0.1	0.1	20.4	0	0		
		240				0.1	0.1	20.5	0	0		
		270				0.1	0.1	20.6	0	0		
		300				0.1	0.1	20.6	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.6	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.6	0.0	0.0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:		15		
	Job Number: 15280			Date:		20/09/2022		
				Weather:		Overcast		
				Temperature:		16.00	(°C)	
	Drafted	Rev	Auth	Start Time:	1:15:00 PM	Start Pressure:	1009	
	SK			End Time:		End Pressure:	1009	

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS111	0.50 - 3.00	30	1009		0.1	0.1	0.1	20.3	0	0	3.3	Dry
		60				0.1	0.1	20.3	0	0		
		90				0.1	0.1	20.4	0	0		
		120				0.1	0.1	20.4	0	0		
		150				0.1	0.1	20.4	0	0		
		180				0.1	0.1	20.4	0	0		
		210				0.1	0.1	20.5	0	0		
		240				0.1	0.1	20.5	0	0		
		270				0.1	0.1	20.5	0	0		
		300				0.1	0.1	20.5	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.5	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.5	0.0	0.0		

Site:	Cherryfield Drive, Kirkby	Visit Number:	16		
Job Number:	15280	Date:	4/10/2022		
		Weather:	Raining		
		Temperature:	13 - 16	(°C)	

Drafted	Rev	Auth	Start Time:	7:05:00 AM	Start Pressure:	1007
SK	PW		End Time:		End Pressure:	1007

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	997		0.1	0.1	0.1	18.1	0	0	1.79	Dry
		60			0.1	0.1	0.1	18.1	0	0		
		90			0.1	0.1	0.1	18	0	0		
		120			0.1	0.1	0.1	18	0	0		
		150			0.1	0.1	0.1	18	0	0		
		180			0.1	0.1	0.1	18	0	0		
		210			0.1	0.1	0.1	18	0	0		
		240			0.1	0.1	0.1	18	0	0		
		270			0.1	0.1	0.1	18	0	0		
		300			0.1	0.1	0.1	18	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.0	0.0	0.0		
WS102	1.00 - 3.00	30	997		0.1	0.1	0.1	18	0	0	2.7	Dry
		60			0.1	0.1	0.1	18	0	0		
		90			0.1	0.1	0.1	18	0	0		
		120			0.1	0.1	0.1	18	0	0		
		150			0.1	0.1	0.1	18	0	0		
		180			0.1	0.1	0.1	18	0	0		
		210			0.1	0.1	0.1	18	0	0		
		240			0.1	0.1	0.1	18	0	0		
		270			0.1	0.1	0.1	18	0	0		
		300			0.1	0.1	0.1	18	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.0	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
	0.50 - 2.50	30	997		0.1	0.1	0.1	18	0	0		
		60			0.1	0.1	0.1	18	0	0		
		90			0.1	0.1	0.1	18	0	0		
		120			0.1	0.1	0.1	18	0	0		
		150			0.1	0.1	0.1	18	0	0		
		180			0.1	0.1	0.1	18	0	0		
		210			0.1	0.1	0.1	18	0	0		
		240			0.1	0.1	0.1	18	0	0		
		270			0.1	0.1	0.1	18	0	0		
		300			0.1	0.1	0.1	18	0	0		

e3p	Site: Cherryfield Drive, Kirkby		Visit Number:		16	
	Job Number: 15280		Date:		4/10/2022	
			Weather:		Raining	
			Temperature:		13 - 16	(°C)
	Drafted	Rev	Auth	Start Time:	7:05:00 AM	Start Pressure:	1007
	SK	PW		End Time:		End Pressure:	1007

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105		330									2.25	Dry
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.0	0.0	0.0		
WS106	1.00 - 3.00	30	997		0.1	0.1	0.1	18	0	0	2.87	Dry
		60			0.1	0.1	0.1	18	0	0		
		90			0.1	0.1	0.1	18	0	0		
		120			0.1	0.1	0.1	18	0	0		
		150			0.1	0.1	0.1	18	10	0		
		180			0.1	0.1	0.1	18	0	0		
		210			0.1	0.1	0.1	18	0	0		
		240			0.1	0.1	0.1	18	0	0		
		270			0.1	0.1	0.1	18	0	0		
		300			0.1	0.1	0.1	18	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.0	10.0	0.0		
	STEADY				0.1	0.1	0.1	18.0	0.0	0.0		
WS108	0.80 - 2.80	30	997		0.1	0.1	0.1	18	0	0	2.65	Dry
		60			0.1	0.1	0.1	18	0	0		
		90			0.1	0.1	0.1	18	0	0		
		120			0.1	0.1	0.1	18	0	0		
		150			0.1	0.1	0.1	18	10	0		
		180			0.1	0.1	0.1	18	0	0		
		210			0.1	0.1	0.1	18	0	0		
		240			0.1	0.1	0.1	18	0	0		
		270			0.1	0.1	0.1	18	0	0		
		300			0.1	0.1	0.1	18	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.0	10.0	0.0		
	STEADY				0.1	0.1	0.1	18.0	0.0	0.0		
WS110	0.25 - 1.25	30	997		0.1	0.1	0.1	18	0	0	0.95	Dry
		60			0.1	0.1	0.1	18	0	0		
		90			0.1	0.1	0.1	18	0	0		
		120			0.1	0.1	0.1	18	0	0		
		150			0.1	0.1	0.1	18	0	0		
		180			0.1	0.1	0.1	18	0	0		
		210			0.1	0.1	0.1	18	0	0		
		240			0.1	0.1	0.1	18	0	0		
		270			0.1	0.1	0.1	18	0	0		
		300			0.1	0.1	0.1	18	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.0	0.0	0.0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:		16	
	Job Number: 15280			Date:		4/10/2022	
				Weather:		Raining	
				Temperature:		13 - 16	(°C)
	Drafted	Rev	Auth	Start Time:	7:05:00 AM	Start Pressure:	1007
	SK	PW		End Time:		End Pressure:	1007

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS111	0.50 - 3.00	30	997		0.1	0.1	0.1	18.1	0	0	3.24	Dry
		60			0.1	0.1	0.1	18.1	0	0		
		90			0.1	0.1	0.1	18.1	0	0		
		120			0.1	0.1	0.1	18.1	0	0		
		150			0.1	0.1	0.1	18.1	0	0		
		180			0.1	0.1	0.1	10.1	0	0		
		210			0.1	0.1	0.1	18.1	0	0		
		240			0.1	0.1	0.1	18.1	0	0		
		270			0.1	0.1	0.1	18.1	0	0		
		300			0.1	0.1	0.1		0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.1	0.0	0.0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	17		
	Job Number: 15280			Date:	17/10/2022		
				Weather:	Overcast		
				Temperature:	13.00	(°C)	
	Drafted	Rev	Auth	Start Time:	8:20:00 AM	Start Pressure:	1009
	SK	PW		End Time:		End Pressure:	1009

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	1010		0.1	0.1	0.1	19.9	0	0	1.8	Dry
		60			0.1	0.1	0.1	20	0	0		
		90			0.1	0.1	0.1	20	0	0		
		120			0.1	0.1	0.1	20	0	0		
		150			0.1	0.1	0.1	20.1	0	0		
		180			0.1	0.1	0.1	20.1	0	0		
		210			0.1	0.1	0.1	20.1	0	0		
		240			0.1	0.1	0.1	20.1	0	0		
		270			0.1	0.1	0.1	20.1	0	0		
		300			0.1	0.1	0.1	20.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.1	0.0	0.0		
WS102	1.00 - 3.00	30	1003		0.1	0.1	0.1	20	0	0	2.7	Dry
		60			0.1	0.1	0.1	20	0	0		
		90			0.1	0.1	0.1	20	0	0		
		120			0.1	0.1	0.1	20	0	0		
		150			0.1	0.1	0.1	20	0	0		
		180			0.1	0.1	0.1	20	0	0		
		210			0.1	0.1	0.1	20	0	0		
		240			0.1	0.1	0.1	20	0	0		
		270			0.1	0.1	0.1	20	0	0		
		300			0.1	0.1	0.1	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
		30	1002		0.1	0.1	0.1	19.9	0	0		
		60			0.1	0.1	0.1	19.9	0	0		
		90			0.1	0.1	0.1	20	0	0		
		120			0.1	0.1	0.1	20	0	0		
		150			0.1	0.1	0.1	20	0	0		
		180			0.1	0.1	0.1	20	0	0		
		210			0.1	0.1	0.1	20	0	0		
		240			0.1	0.1	0.1	20	0	0		
		270			0.1	0.1	0.1	20	0	0		
	0.50 - 2.50	300			0.1	0.1	0.1	20	0	0		

e3p	Site:	Cherryfield Drive, Kirkby		Visit Number:		17						
	Job Number:	15280		Date:		17/10/2022						
				Weather:		Overcast						
				Temperature:		13.00	(°C)					
	Drafted	Rev	Auth	Start Time:	8:20:00 AM	Start Pressure:	1009					
	SK	PW		End Time:		End Pressure:	1009					

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105		330									2.25	Dry
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		
WS106	1.00 - 3.00	30	1003		0.1	0.1	0.1	20	0	0	2.9	Dry
		60			0.1	0.1	0.1	20	0	0		
		90			0.1	0.1	0.1	19.9	0	0		
		120			0.1	0.1	0.1	19.9	0	0		
		150			0.1	0.1	0.1	20	0	0		
		180			0.1	0.1	0.1	20	0	0		
		210			0.1	0.1	0.1	20	0	0		
		240			0.1	0.1	0.1	20	0	0		
		270			0.1	0.1	0.1	20	0	0		
		300			0.1	0.1	0.1	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		
WS108	0.80 - 2.80	30	1003		0.1	0.1	0.1	20	0	0	2.65	Dry
		60			0.1	0.1	0.1	20	0	0		
		90			0.1	0.1	0.1	20	0	0		
		120			0.1	0.1	0.1	20	0	0		
		150			0.1	0.1	0.1	20	0	0		
		180			0.1	0.1	0.1	20	0	0		
		210			0.1	0.1	0.1	20	0	0		
		240			0.1	0.1	0.1	20	0	0		
		270			0.1	0.1	0.1	20	0	0		
		300			0.1	0.1	0.1	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		
WS110	0.25 - 1.25	30	1003		0.1	0.1	0.1	19.9	0	0	0.95	Dry
		60			0.1	0.1	0.1	20	0	0		
		90			0.1	0.1	0.1	19.9	0	0		
		120			0.1	0.1	0.1	20	0	0		
		150			0.1	0.1	0.1	20	0	0		
		180			0.1	0.1	0.1	20	0	0		
		210			0.1	0.1	0.1	20	0	0		
		240			0.1	0.1	0.1	20	0	0		
		270			0.1	0.1	0.1	20	0	0		
		300			0.1	0.1	0.1	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:		17	
	Job Number: 15280			Date:		17/10/2022	
				Weather:		Overcast	
				Temperature:		13.00	(°C)
	Drafted	Rev	Auth	Start Time:	8:20:00 AM	Start Pressure:	1009
	SK	PW		End Time:		End Pressure:	1009

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS111	0.50 - 3.00	30	1002		0.1	0.1	0.1	19.9	0	0	3.25	Dry
		60			0.1	0.1	0.1	19.9	0	0		
		90			0.1	0.1	0.1	19.9	0	0		
		120			0.1	0.1	0.1	20	0	0		
		150			0.1	0.1	0.1	20	0	0		
		180			0.1	0.1	0.1	20	0	0		
		210			0.1	0.1	0.1	20	0	0		
		240			0.1	0.1	0.1	20	0	0		
		270			0.1	0.1	0.1	20	0	0		
		300			0.1	0.1	0.1	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		

Site:	Cherryfield Drive, Kirkby	**Visit Number:**	**18**			
Job Number:	15280	**Date:**	3/11/2022			
		Weather:	Sunny			
		Temperature:	2 to 14	(°C)		
Drafted	**Rev**	**Auth**	**Start Time:**	7:25:00 AM	**Start Pressure:**	995
SK	PW		**End Time:**	10:25:00 AM	**End Pressure:**	1007

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	1008		0.1	0.1	1.4	18.6	0	0	1.72	Dry
		60			0.1	0.1	1.4	18.4	0	0		
		90			0.1	0.1	1.4	18.4	0	0		
		120			0.1	0.1	1.5	18.4	0	0		
		150			0.1	0.1	1.5	18.4	0	0		
		180			0.1	0.1	1.5	18.4	0	0		
		210			0.1	0.1	1.6	18.1	0	0		
		240			0.1	0.1	1.7	18	0	0		
		270			0.1	0.1	1.8	17.9	0	0		
		300			0.1	0.1	1.8	17.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	1.8	18.6	0.0	0.0		
	STEADY				0.1	0.1	1.8	17.9	0.0	0.0		
WS102	1.00 - 3.00	30	1006		0.1	0.1	0.3	19.5	0	0	2.7	Dry
		60			0.1	0.1	0.3	19.8	0	0		
		90			0.1	0.1	0.3	19.9	0	0		
		120			0.1	0.1	0.2	19.9	0	0		
		150			0.1	0.1	0.2	19.9	0	0		
		180			0.1	0.1	0.2	19.9	0	0		
		210			0.1	0.1	0.2	19.9	0	0		
		240			0.1	0.1	0.2	19.9	0	0		
		270			0.1	0.1	0.2	19.9	0	0		
		300			0.1	0.1	0.2	19.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.3	19.9	0.0	0.0		
	STEADY				0.1	0.1	0.2	19.9	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
	0.50 - 2.50	30	1006		0.1	0.1	2.4	18.3	0	0		
		60			0.1	0.1	2.4	18.1	0	0		
		90			0.1	0.1	2.4	18.1	0	0		
		120			0.1	0.1	2.4	18	0	0		
		150			0.1	0.1	2.4	18	0	0		
		180			0.1	0.1	2.5	18	0	0		
		210			0.1	0.1	2.5	17.9	0	0		
		240			0.1	0.1	2.5	17.9	0	0		
		270			0.1	0.1	2.4	18	0	0		
		300			0.1	0.1	2.4	18	0	0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	18		
	Job Number: 15280			Date:	3/11/2022		
				Weather:	Sunny		
				Temperature:	2 to 14	(°C)	
	Drafted	Rev	Auth	Start Time:	7:25:00 AM	Start Pressure:	995
	SK	PW		End Time:	10:25:00 AM	End Pressure:	1007

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105		330									2.2	1.65
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	2.5	18.3	0.0	0.0		
	STEADY				0.1	0.1	2.4	18.0	0.0	0.0		
WS106	1.00 - 3.00	30	1007		0.1	0.1	7.7	8.8	0	0	2.9	Dry
		60			0.1	0.1	7.7	8.7	0	0		
		90			0.1	0.1	7.7	8.6	0	0		
		120			0.1	0.1	7.7	8.6	0	0		
		150			0.1	0.1	7.7	8.5	0	0		
		180			0.1	0.1	7.7	8.5	0	0		
		210			0.1	0.1	7.7	8.5	0	0		
		240			0.1	0.1	7.7	8.5	0	0		
		270			0.1	0.1	7.6	8.6	0	0		
		300			0.1	0.1	7.6	8.6	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	7.7	8.8	0.0	0.0		
	STEADY				0.1	0.1	7.6	8.6	0.0	0.0		
WS108	0.80 - 2.80	30	1006		0.1	9.4	10.1	11.6	0	0	2.65	2.37
		60			0.1	9.6	10.2	11.4	0	0		
		90			0.1	9.6	10.3	11.4	0	0		
		120			0.1	9.5	10.3	11.4	0	0		
		150			0.1	9.5	10.2	11.4	0	0		
		180			0.1	9.4	10.2	11.5	0	0		
		210			0.1	9.3	10.1	11.5	0	0		
		240			0.1	9.2	10	11.6	0	0		
		270			0.1	8.9	9.8	11.8	0	0		
		300			0.1	8.5	9.7	11.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	9.6	10.3	11.9	0.0	0.0		
	STEADY				0.1	8.5	9.7	11.9	0.0	0.0		
WS110	0.25 - 1.25	30	1006		0.1	0.1	1.5	18.6	0	0	0.92	Dry
		60			0.1	0.1	1.5	18.6	0	0		
		90			0.1	0.1	1.5	18.6	0	0		
		120			0.1	0.1	1.4	18.7	0	0		
		150			0.1	0.1	1.4	18.7	0	0		
		180			0.1	0.1	1.4	18.8	0	0		
		210			0.1	0.1	1.3	18.9	0	0		
		240			0.1	0.1	1.3	18.9	0	0		
		270			0.1	0.1	1.2	19	0	0		
		300			0.1	0.1	1.2	19	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	1.5	19.0	0.0	0.0		
	STEADY				0.1	0.1	1.2	19.0	0.0	0.0		

e3p	**Site:** Cherryfield Drive, Kirkby			**Visit Number:**		18	
	Job Number: 15280			**Date:**		3/11/2022	
				Weather:		Sunny	
				Temperature:		2 to 14	(°C)
	Drafted	**Rev**	**Auth**	**Start Time:**	7:25:00 AM	**Start Pressure:**	995
	SK	PW		**End Time:**	10:25:00 AM	**End Pressure:**	1007

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS111	0.50 - 3.00	30	1006		0.1	0.1	0.9	19.5	0	0	3.25	Dry
		60			0.1	0.1	0.9	19.4	0	0		
		90			0.1	0.1	0.9	19.4	0	0		
		120			0.1	0.1	0.9	19.3	0	0		
		150			0.1	0.1	0.9	19.3	0	0		
		180			0.1	0.1	0.9	19.3	0	0		
		210			0.1	0.1	0.9	19.3	0	0		
		240			0.1	0.1	0.9	19.2	0	0		
		270			0.1	0.1	0.9	19.2	0	0		
		300			0.1	0.1	0.9	19.2	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.9	19.5	0.0	0.0		
	STEADY				0.1	0.1	0.9	19.2	0.0	0.0		

e3p	Site:	Cherryfield Drive, Kirkby	Visit Number:	19				
	Job Number:	15280	Date:	14/11/2022				
			Weather:	Overcast				
			Temperature:	13.00	(°C)			
	Drafted	Rev	Auth	Start Time:	9:20:00 AM	Start Pressure:	1004	
	SK	PW		End Time:	2:00:00 PM	End Pressure:	988	

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	1005		0.1	0.1	0.1	20	0	0	1.8	Dry
		60			0.1	0.1	0.1	20	0	0		
		90			0.1	0.1	0.1	20.1	0	0		
		120			0.1	0.1	0.1	20	0	0		
		150			0.1	0.1	0.1	20	0	0		
		180			0.1	0.1	0.1	20.1	0	0		
		210			0.1	0.1	0.1	20.1	0	0		
		240			0.1	0.1	0.1	20.1	0	0		
		270			0.1	0.1	0.1	20.1	0	0		
		300			0.1	0.1	0.1	20.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.1	0.0	0.0		
WS102	1.00 - 3.00	30	990		0.1	0.1	0.1	20	0	0	2.7	Dry
		60			0.1	0.1	0.1	20	0	0		
		90			0.1	0.1	0.1	20	0	0		
		120			0.1	0.1	0.1	20	0	0		
		150			0.1	0.1	0.1	20.1	0	0		
		180			0.1	0.1	0.1	20.1	0	0		
		210			0.1	0.1	0.1	20.1	0	0		
		240			0.1	0.1	0.1	20	0	0		
		270			0.1	0.1	0.1	20.1	0	0		
		300			0.1	0.1	0.1	20.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.1	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
	0.50 - 2.50	30	991		0.1	0.1	0.1	19.9	0	0		
		60			0.1	0.1	0.1	19.9	0	0		
		90			0.1	0.1	0.1	20	0	0		
		120			0.1	0.1	0.1	20	0	0		
		150			0.1	0.1	0.1	20	0	0		
		180			0.1	0.1	0.1	20	0	0		
		210			0.1	0.1	0.1	20.1	0	0		
		240			0.1	0.1	0.1	20.1	0	0		
		270			0.1	0.1	0.1	20.1	0	0		
		300			0.1	0.1	0.1	20.1	0	0		

e3p	Site:	Cherryfield Drive, Kirkby		Visit Number:		19						
	Job Number:	15280		Date:		14/11/2022						
				Weather:		Overcast						
				Temperature:		13.00	(°C)					
	Drafted	Rev	Auth	Start Time:	9:20:00 AM	Start Pressure:	1004					
	SK	PW		End Time:	2:00:00 PM	End Pressure:	988					
Comments:												
Flooded Wells: 0 Damaged Wells: 1 Cant locate: 4												

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105		330									2.25	Dry
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.1	0.0	0.0		
WS106	1.00 - 3.00	30	990		0.1	0.1	0.1	19.9	0	0	2.9	Dry
		60			0.1	0.1	0.1	20	0	0		
		90			0.1	0.1	0.1	20	0	0		
		120			0.1	0.1	0.1	20	0	0		
		150			0.1	0.1	0.1	20	0	0		
		180			0.1	0.1	0.1	20	0	0		
		210			0.1	0.1	0.1	20.1	0	0		
		240			0.1	0.1	0.1	20.1	0	0		
		270			0.1	0.1	0.1	20.1	0	0		
		300			0.1	0.1	0.1	20.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.1	0.0	0.0		
WS108	0.80 - 2.80	30	990		0.1	0.1	0.1	20	0	0	2.65	Dry
		60			0.1	0.1	0.1	20	0	0		
		90			0.1	0.1	0.1	20	0	0		
		120			0.1	0.1	0.1	20	0	0		
		150			0.1	0.1	0.1	20.1	0	0		
		180			0.1	0.1	0.1	20.1	0	0		
		210			0.1	0.1	0.1	20.1	0	0		
		240			0.1	0.1	0.1	20.1	0	0		
		270			0.1	0.1	0.1	20.1	0	0		
		300			0.1	0.1	0.1	20.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.1	0.0	0.0		
WS110	0.25 - 1.25	30	990		0.1	0.1	0.1	19.9	0	0	0.95	Dry
		60			0.1	0.1	0.1	20	0	0		
		90			0.1	0.1	0.1	20	0	0		
		120			0.1	0.1	0.1	20	0	0		
		150			0.1	0.1	0.1	20	0	0		
		180			0.1	0.1	0.1	20	0	0		
		210			0.1	0.1	0.1	20.1	0	0		
		240			0.1	0.1	0.1	20.1	0	0		
		270			0.1	0.1	0.1	20.1	0	0		
		300			0.1	0.1	0.1	20.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.1	0.0	0.0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	19		
	Job Number: 15280			Date:	14/11/2022		
				Weather:	Overcast		
				Temperature:	13.00	(°C)	
	Drafted	Rev	Auth	Start Time:	9:20:00 AM	Start Pressure:	1004
	SK	PW		End Time:	2:00:00 PM	End Pressure:	988

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS111	0.50 - 3.00	30	991		0.1	0.1	0.1	19.9	0	0	3.25	Dry
		60			0.1	0.1	0.1	19.9	0	0		
		90			0.1	0.1	0.1	20	0	0		
		120			0.1	0.1	0.1	20	0	0		
		150			0.1	0.1	0.1	20	0	0		
		180			0.1	0.1	0.1	20	0	0		
		210			0.1	0.1	0.1	20.1	0	0		
		240			0.1	0.1	0.1	20.1	0	0		
		270			0.1	0.1	0.1	20.1	0	0		
		300			0.1	0.1	0.1	20.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.1	0.0	0.0		

Site:	Cherryfield Drive, Kirkby	**Visit Number:**	**20**		
Job Number:	15280	**Date:**	6/12/2022		
		Weather:	Overcast		
		Temperature:	minus 3 - 8	(°C)	
Drafted	**Rev**	**Auth**	**Start Time:**	7:30:00 AM	**Start Pressure:**	1022
SK	PW		**End Time:**	10:40:00 AM	**End Pressure:**	1018

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	1020		0.1	0.1	0.1	19.4	0	0	1.7	Dry
		60			0.1	0.1	0.1	19.4	0	0		
		90			0.1	0.1	0.1	19.4	0	0		
		120			0.1	0.1	0.1	19.3	0	0		
		150			0.1	0.1	0.1	19.3	0	0		
		180			0.1	0.1	0.1	19.3	0	0		
		210			0.1	0.1	0.1	19.3	0	0		
		240			0.1	0.1	0.1	19.3	0	0		
		270			0.1	0.1	0.1	19.3	0	0		
		300			0.1	0.1	0.1	19.3	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.4	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.3	0.0	0.0		
WS102	1.00 - 3.00	30	1017		0.1	0.1	0.1	19.3	0	0	2.7	Dry
		60			0.1	0.1	0.1	19.3	0	0		
		90			0.1	0.1	0.1	19.3	0	0		
		120			0.1	0.1	0.1	19.3	0	0		
		150			0.1	0.1	0.1	19.2	0	0		
		180			0.1	0.1	0.1	19.2	0	0		
		210			0.1	0.1	0.1	19.2	0	0		
		240			0.1	0.1	0.1	19.2	0	0		
		270			0.1	0.1	0.1	19.2	0	0		
		300			0.1	0.1	0.1	19.2	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.3	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.2	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
		30	1018		0.1	0.1	0.1	19.5	0	0		
		60			0.1	0.1	0.1	19.4	0	0		
		90			0.1	0.1	0.1	19.4	0	0		
		120			0.1	0.1	0.1	19.4	0	0		
		150			0.1	0.1	0.1	19.4	0	0		
		180			0.1	0.1	0.1	19.4	0	0		
		210			0.1	0.1	0.1	19.4	0	0		
		240			0.1	0.1	0.1	19.4	0	0		
		270			0.1	0.1	0.1	19.4	0	0		
	0.50 - 2.50	300			0.1	0.1	0.1	19.4	0	0		

e3p	Site:	Cherryfield Drive, Kirkby		Visit Number:		20						
	Job Number:	15280		Date:		6/12/2022						
				Weather:		Overcast						
				Temperature:		minus 3 - 8	(°C)					
	Drafted	Rev	Auth	Start Time:	7:30:00 AM	Start Pressure:	1022					
	SK	PW		End Time:	10:40:00 AM	End Pressure:	1018					
Comments:												
Flooded Wells: 0 Damaged Wells: 1 Cant locate: 4												

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105		330									2.23	1.8
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.5	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.4	0.0	0.0		
WS106	1.00 - 3.00	30	1017		0.1	0.1	0.1	19.4	0	0	2.88	2.82
		60			0.1	0.1	0.1	19.3	0	0		
		90			0.1	0.1	0.1	19.3	0	0		
		120			0.1	0.1	0.1	19.3	0	0		
		150			0.1	0.1	0.1	19.3	0	0		
		180			0.1	0.1	0.1	19.3	0	0		
		210			0.1	0.1	0.1	19.3	0	0		
		240			0.1	0.1	0.1	19.3	0	0		
		270			0.1	0.1	0.1	19.2	0	0		
		300			0.1	0.1	0.1	19.2	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.4	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.2	0.0	0.0		
WS108	0.80 - 2.80	30	1018		0.1	0.1	0.1	19.4	0	0	2.64	1.98
		60			0.1	0.1	0.1	19.3	0	0		
		90			0.1	0.1	0.1	19.3	0	0		
		120			0.1	0.1	0.1	19.3	0	0		
		150			0.1	0.1	0.1	19.3	0	0		
		180			0.1	0.1	0.1	19.3	0	0		
		210			0.1	0.1	0.1	19.3	0	0		
		240			0.1	0.1	0.1	19.3	0	0		
		270			0.1	0.1	0.1	19.3	0	0		
		300			0.1	0.1	0.1	19.3	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.4	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.3	0.0	0.0		
WS110	0.25 - 1.25	30	1017		0.1	0.1	0.1	19.4	0	0	0.93	Dry
		60			0.1	0.1	0.1	19.3	0	0		
		90			0.1	0.1	0.1	19.3	0	0		
		120			0.1	0.1	0.1	19.3	0	0		
		150			0.1	0.1	0.1	19.3	0	0		
		180			0.1	0.1	0.1	19.3	0	0		
		210			0.1	0.1	0.1	19.3	0	0		
		240			0.1	0.1	0.1	19.3	0	0		
		270			0.1	0.1	0.1	19.3	0	0		
		300			0.1	0.1	0.1	19.3	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.4	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.3	0.0	0.0		

e3p	**Site:** Cherryfield Drive, Kirkby			**Visit Number:**		20	
	Job Number: 15280			**Date:**		6/12/2022	
				Weather:		Overcast	
				Temperature:		minus 3 - 8	(°C)
	Drafted	**Rev**	**Auth**	**Start Time:**	7:30:00 AM	**Start Pressure:**	1022
	SK	PW		**End Time:**	10:40:00 AM	**End Pressure:**	1018

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS111	0.50 - 3.00	30	1017		0.1	0.1	0.1	19.4	0	0	3.23	Dry
		60			0.1	0.1	0.1	19.4	0	0		
		90			0.1	0.1	0.1	19.4	0	0		
		120			0.1	0.1	0.1	19.3	0	0		
		150			0.1	0.1	0.1	19.3	0	0		
		180			0.1	0.1	0.1	19.3	0	0		
		210			0.1	0.1	0.1	19.3	0	0		
		240			0.1	0.1	0.1	19.3	0	0		
		270			0.1	0.1	0.1	19.3	0	0		
		300			0.1	0.1	0.1	19.3	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.4	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.3	0.0	0.0		

Site:	Cherryfield Drive, Kirkby	**Visit Number:**	21		
Job Number:	15280	**Date:**	19/12/2022		
		Weather:	Overcast		
		Temperature:	13.00	(°C)	

Drafted	Rev	Auth	Start Time:	11:45:00 AM	Start Pressure:	991
SK	PW		End Time:	12:30:00 PM	End Pressure:	1001

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	992		0.1	0.1	0.1	20	0	0	1.8	Dry
		60			0.1	0.1	0.1	20	0	0		
		90			0.1	0.1	0.1	20	0	0		
		120			0.1	0.1	0.1	20	0	0		
		150			0.1	0.1	0.1	20	0	0		
		180			0.1	0.1	0.1	20.1	0	0		
		210			0.1	0.1	0.1	20.1	0	0		
		240			0.1	0.1	0.1	20.1	0	0		
		270			0.1	0.1	0.1	20.1	0	0		
		300			0.1	0.1	0.1	20.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.1	0.0	0.0		
WS102	1.00 - 3.00	30	1000		0.1	0.1	0.1	19.9	0	0	2.7	Dry
		60			0.1	0.1	0.1	20	0	0		
		90			0.1	0.1	0.1	20	0	0		
		120			0.1	0.1	0.1	20	0	0		
		150			0.1	0.1	0.1	20.1	0	0		
		180			0.1	0.1	0.1	20	0	0		
		210			0.1	0.1	0.1	20	0	0		
		240			0.1	0.1	0.1	20.1	0	0		
		270			0.1	0.1	0.1	20.1	0	0		
		300			0.1	0.1	0.1	20.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.1	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
	0.50 - 2.50	30	999		0.1	0.1	0.1	19.9	0	0		
		60			0.1	0.1	0.1	20	0	0		
		90			0.1	0.1	0.1	20	0	0		
		120			0.1	0.1	0.1	20	0	0		
		150			0.1	0.1	0.1	20	0	0		
		180			0.1	0.1	0.1	20	0	0		
		210			0.1	0.1	0.1	20.1	0	0		
		240			0.1	0.1	0.1	20.1	0	0		
		270			0.1	0.1	0.1	20.1	0	0		
		300			0.1	0.1	0.1	20.1	0	0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	21	
	Job Number: 15280			Date:	19/12/2022	
				Weather:	Overcast	
				Temperature:	13.00	(°C)
	Drafted	Rev	Auth	Start Time:	11:45:00 AM	Start Pressure: 991
	SK	PW		End Time:	12:30:00 PM	End Pressure: 1001

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105		330									2.25	Dry
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.1	0.0	0.0		
WS106	1.00 - 3.00	30	1000		0.1	0.1	0.1	19.9	0	0	2.9	Dry
		60			0.1	0.1	0.1	20	0	0		
		90			0.1	0.1	0.1	20	0	0		
		120			0.1	0.1	0.1	20	0	0		
		150			0.1	0.1	0.1	20	0	0		
		180			0.1	0.1	0.1	20.1	0	0		
		210			0.1	0.1	0.1	20.1	0	0		
		240			0.1	0.1	0.1	20.1	0	0		
		270			0.1	0.1	0.1	20.1	0	0		
		300			0.1	0.1	0.1	20.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.1	0.0	0.0		
WS108	0.80 - 2.80	30	1000		0.1	0.1	0.1	19.9	0	0	2.65	Dry
		60			0.1	0.1	0.1	19.9	0	0		
		90			0.1	0.1	0.1	20	0	0		
		120			0.1	0.1	0.1	20	0	0		
		150			0.1	0.1	0.1	20	0	0		
		180			0.1	0.1	0.1	20	0	0		
		210			0.1	0.1	0.1	20.1	0	0		
		240			0.1	0.1	0.1	20	0	0		
		270			0.1	0.1	0.1	20.1	0	0		
		300			0.1	0.1	0.1	20.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.1	0.0	0.0		
WS110	0.25 - 1.25	30	1000		0.1	0.1	0.1	19.9	0	0	0.95	Dry
		60			0.1	0.1	0.1	20	0	0		
		90			0.1	0.1	0.1	20	0	0		
		120			0.1	0.1	0.1	20	0	0		
		150			0.1	0.1	0.1	20	0	0		
		180			0.1	0.1	0.1	20.1	0	0		
		210			0.1	0.1	0.1	20	0	0		
		240			0.1	0.1	0.1	20.1	0	0		
		270			0.1	0.1	0.1	20.1	0	0		
		300			0.1	0.1	0.1	20.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.1	0.0	0.0		

e3p	Site:	Cherryfield Drive, Kirkby		Visit Number:		21		
				Date:		19/12/2022		
	Job Number:	15280		Weather:		Overcast		
				Temperature:		13.00	(°C)	
	Drafted	Rev	Auth	Start Time:	11:45:00 AM	Start Pressure:	991	
	SK	PW		End Time:	12:30:00 PM	End Pressure:	1001	

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS111	0.50 - 3.00	30	999		0.1	0.1	0.1	19.9	0	0	3.25	Dry
		60			0.1	0.1	0.1	19.9	0	0		
		90			0.1	0.1	0.1	20	0	0		
		120			0.1	0.1	0.1	20	0	0		
		150			0.1	0.1	0.1	20	0	0		
		180			0.1	0.1	0.1	20	0	0		
		210			0.1	0.1	0.1	20	0	0		
		240			0.1	0.1	0.1	20.1	0	0		
		270			0.1	0.1	0.1	20.1	0	0		
		300			0.1	0.1	0.1	20.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.1	0.0	0.0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	22		
	Job Number: 15280			Date:	28/12/2022		
				Weather:	Raining		
				Temperature:	7.00	(°C)	
	Drafted	Rev	Auth	Start Time:	8:45:00 AM	Start Pressure:	991
	SK	PW		End Time:	2:50:00 PM	End Pressure:	999

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	991		0.1	0.1	0.1	19.7	0	0	1.8	Dry
		60			0.1	0.1	0.1	19.7	0	0		
		90			0.1	0.1	0.1	19.7	0	0		
		120			0.1	0.1	0.1	19.7	0	0		
		150			0.1	0.1	0.1	19.8	0	0		
		180			0.1	0.1	0.1	19.8	0	0		
		210			0.1	0.1	0.1	19.8	0	0		
		240			0.1	0.1	0.1	19.8	0	0		
		270			0.1	0.1	0.1	19.8	0	0		
		300			0.1	0.1	0.1	19.8	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.8	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.8	0.0	0.0		
WS102	1.00 - 3.00	30	998		0.1	0.1	0.1	19.8	0	0	2.7	Dry
		60			0.1	0.1	0.1	19.8	0	0		
		90			0.1	0.1	0.1	19.9	0	0		
		120			0.1	0.1	0.1	19.9	0	0		
		150			0.1	0.1	0.1	19.9	0	0		
		180			0.1	0.1	0.1	19.9	0	0		
		210			0.1	0.1	0.1	20	0	0		
		240			0.1	0.1	0.1	20	0	0		
		270			0.1	0.1	0.1	20	0	0		
		300			0.1	0.1	0.1	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
	0.50 - 2.50	30	997		0.1	0.1	0.1	19.8	0	0		
		60			0.1	0.1	0.1	19.8	0	0		
		90			0.1	0.1	0.1	19.9	0	0		
		120			0.1	0.1	0.1	19.9	0	0		
		150			0.1	0.1	0.1	19.9	0	0		
		180			0.1	0.1	0.1	19.9	0	0		
		210			0.1	0.1	0.1	19.9	0	0		
		240			0.1	0.1	0.1	20	0	0		
		270			0.1	0.1	0.1	20	0	0		
		300			0.1	0.1	0.1	20	0	0		

e3p	Site:	Cherryfield Drive, Kirkby		Visit Number:		22						
	Job Number:	15280		Date:		28/12/2022						
				Weather:		Raining						
				Temperature:		7.00	(°C)					
	Drafted	Rev	Auth	Start Time:	8:45:00 AM	Start Pressure:	991					
	SK	PW		End Time:	2:50:00 PM	End Pressure:	999					
Comments:												
Flooded Wells: 0 Damaged Wells: 1 Cant locate: 4												

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105		330									2.25	Dry
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		
WS106	1.00 - 3.00	30	998		0.1	0.1	0.1	19.8	0	0	2.9	Dry
		60			0.1	0.1	0.1	19.8	0	0		
		90			0.1	0.1	0.1	19.8	0	0		
		120			0.1	0.1	0.1	19.9	0	0		
		150			0.1	0.1	0.1	19.9	0	0		
		180			0.1	0.1	0.1	19.9	0	0		
		210			0.1	0.1	0.1	19.9	0	0		
		240			0.1	0.1	0.1	19.9	0	0		
		270			0.1	0.1	0.1	20	0	0		
		300			0.1	0.1	0.1	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		
WS108	0.80 - 2.80	30	998		0.1	0.1	0.1	19.8	0	0	2.65	Dry
		60			0.1	0.1	0.1	19.8	0	0		
		90			0.1	0.1	0.1	19.9	0	0		
		120			0.1	0.1	0.1	19.9	0	0		
		150			0.1	0.1	0.1	19.8	0	0		
		180			0.1	0.1	0.1	19.9	0	0		
		210			0.1	0.1	0.1	19.9	0	0		
		240			0.1	0.1	0.1	20	0	0		
		270			0.1	0.1	0.1	20	0	0		
		300			0.1	0.1	0.1	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		
WS110	0.25 - 1.25	30	998		0.1	0.1	0.1	19.8	0	0	0.95	Dry
		60			0.1	0.1	0.1	19.8	0	0		
		90			0.1	0.1	0.1	19.9	0	0		
		120			0.1	0.1	0.1	19.8	0	0		
		150			0.1	0.1	0.1	19.9	0	0		
		180			0.1	0.1	0.1	19.9	0	0		
		210			0.1	0.1	0.1	19.9	0	0		
		240			0.1	0.1	0.1	19.9	0	0		
		270			0.1	0.1	0.1	20	0	0		
		300			0.1	0.1	0.1	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:		22	
	Job Number: 15280			Date:		28/12/2022	
				Weather:		Raining	
				Temperature:		7.00	(°C)
	Drafted	Rev	Auth	Start Time:	8:45:00 AM	Start Pressure:	991
	SK	PW		End Time:	2:50:00 PM	End Pressure:	999

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS111	0.50 - 3.00	30	997		0.1	0.1	0.1	19.8	0	0	3.25	Dry
		60			0.1	0.1	0.1	19.8	0	0		
		90			0.1	0.1	0.1	19.8	0	0		
		120			0.1	0.1	0.1	19.9	0	0		
		150			0.1	0.1	0.1	19.9	0	0		
		180			0.1	0.1	0.1	19.9	0	0		
		210			0.1	0.1	0.1	19.9	0	0		
		240			0.1	0.1	0.1	19.9	0	0		
		270			0.1	0.1	0.1	20	0	0		
		300			0.1	0.1	0.1	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.0	0.0	0.0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	23		
	Job Number: 15280			Date:	18/01/2023		
				Weather:	Overcast		
				Temperature:	minus 1 - 6	(°C)	
	Drafted	Rev	Auth	Start Time:	7:40:00 AM	Start Pressure:	992
	SK	PW		End Time:	10:00:00 AM	End Pressure:	1001

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	1002		0.1	0.1	0.1	19.9	0	0	1.7	Dry
		60			0.1	0.1	0.1	19.9	0	0		
		90			0.1	0.1	0.1	19.8	0	0		
		120			0.1	0.1	0.1	19.8	0	0		
		150			0.1	0.1	0.1	19.8	0	0		
		180			0.1	0.1	0.1	19.8	0	0		
		210			0.1	0.1	0.1	19.8	0	0		
		240			0.1	0.1	0.1	19.8	0	0		
		270			0.1	0.1	0.1	19.8	0	0		
		300			0.1	0.1	0.1	19.8	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.8	0.0	0.0		
WS102	1.00 - 3.00	30	1001		0.1	0.1	0.3	19.7	0	0	2.7	Dry
		60			0.1	0.1	0.3	19.7	0	0		
		90			0.1	0.1	0.3	19.8	0	0		
		120			0.1	0.1	0.3	19.8	0	0		
		150			0.1	0.1	0.3	19.8	0	0		
		180			0.1	0.1	0.3	19.8	0	0		
		210			0.1	0.1	0.3	19.8	0	0		
		240			0.1	0.1	0.2	19.8	0	0		
		270			0.1	0.1	0.2	19.9	0	0		
		300			0.1	0.1	0.2	19.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.3	19.9	0.0	0.0		
	STEADY				0.1	0.1	0.2	19.9	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
	0.50 - 2.50	30	1001		0.1	0.1	1.3	18.6	0	0		
		60			0.1	0.1	1.3	18.5	0	0		
		90			0.1	0.1	1.2	18.5	0	0		
		120			0.1	0.1	1.2	18.6	0	0		
		150			0.1	0.1	1.2	18.6	0	0		
		180			0.1	0.1	1.2	18.6	0	0		
		210			0.1	0.1	1.2	18.7	0	0		
		240			0.1	0.1	1.2	18.7	0	0		
		270			0.1	0.1	1.1	18.7	0	0		
		300			0.1	0.1	1.1	18.8	0	0		

e3p			Site:	Cherryfield Drive, Kirkby		Visit Number:	23					
			Job Number:	15280		Date:	18/01/2023					
						Weather:	Overcast					
						Temperature:	minus 1 - 6	(°C)				
	Drafted	Rev	Auth	Start Time:	7:40:00 AM	Start Pressure:	992					
	SK	PW		End Time:	10:00:00 AM	End Pressure:	1001					
Comments:												
Flooded Wells: 0 Damaged Wells: 1 Cant locate: 4												

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105		330									2.23	1.15
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	1.3	18.8	0.0	0.0		
	STEADY				0.1	0.1	1.1	18.8	0.0	0.0		
WS106	1.00 - 3.00	30	1000		0.1	0.1	5	14.1	0	0	2.88	2.43
		60			0.1	0.1	5	14.5	0	0		
		90			0.1	0.1	5	14.5	0	0		
		120			0.1	0.1	5	25.7	0	0		
		150			0.1	0.1	5	18.3	0	0		
		180			0.1	0.1	5	15.3	0	0		
		210			0.1	0.1	4.9	14.8	0	0		
		240			0.1	0.1	4.9	14.7	0	0		
		270			0.1	0.1	4.8	14.8	0	0		
		300			0.1	0.1	4.7	14.8	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	5.0	25.7	0.0	0.0		
	STEADY				0.1	0.1	4.7	14.8	0.0	0.0		
WS108	0.80 - 2.80	30	1001		0.1	4.9	4.3	4.8	0	0	2.64	1.6
		60			0.1	5	4.4	4.2	0	0		
		90			0.1	5.1	4.4	4	0	0		
		120			0.1	5.1	4.4	4	0	0		
		150			0.1	5.1	4.4	3.9	0	0		
		180			0.1	5.1	4.5	3.7	0	0		
		210			0.1	5.2	4.5	3.5	0	0		
		240			0.1	5.2	4.5	3.2	0	0		
		270			0.1	5.2	4.6	3.1	0	0		
		300			0.1	5.2	4.6	3	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	5.2	4.6	4.8	0.0	0.0		
	STEADY				0.1	5.2	4.6	3.0	0.0	0.0		
WS110	0.25 - 1.25	30	1000		0.1	0.1	1.3	18.6	0	0	0.93	0.57
		60			0.1	0.1	1.2	18.6	0	0		
		90			0.1	0.1	1.2	18.7	0	0		
		120			0.1	0.1	1.2	18.7	0	0		
		150			0.1	0.1	1.1	18.7	0	0		
		180			0.1	0.1	1.1	18.8	0	0		
		210			0.1	0.1	1.1	18.8	0	0		
		240			0.1	0.1	1	18.8	0	0		
		270			0.1	0.1	1	18.9	0	0		
		300			0.1	0.1	1	18.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	1.3	18.9	0.0	0.0		
	STEADY				0.1	0.1	1.0	18.9	0.0	0.0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:		23		
	Job Number: 15280			Date:		18/01/2023		
				Weather:		Overcast		
				Temperature:		minus 1 - 6	(°C)	
	Drafted	Rev	Auth	Start Time:	7:40:00 AM	Start Pressure:	992	
	SK	PW		End Time:	10:00:00 AM	End Pressure:	1001	

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS111	0.50 - 3.00	30	1001		0.1	0.1	2.6	16.9	0	0	3.23	2.03
		60			0.1	0.1	2.7	16.8	0	0		
		90			0.1	0.1	2.6	16.8	0	0		
		120			0.1	0.1	2.6	16.9	0	0		
		150			0.1	0.1	2.5	16.9	0	0		
		180			0.1	0.1	2.5	16.9	0	0		
		210			0.1	0.1	2.4	17	0	0		
		240			0.1	0.1	2.4	17.1	0	0		
		270			0.1	0.1	2.3	17.1	0	0		
		300			0.1	0.1	2.3	17.2	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	2.7	17.2	0.0	0.0		
	STEADY				0.1	0.1	2.3	17.2	0.0	0.0		

Site:	Cherryfield Drive, Kirkby	**Visit Number:**	**24**				
Job Number:	15280	**Date:**	2/02/2023				
		Weather:	Overcast				
		Temperature:	9 to 11	(°C)			
Drafted	**Rev**	**Auth**	**Start Time:**	7:25:00 AM	**Start Pressure:**	1020	
SK	PW		**End Time:**	9:30:00 AM	**End Pressure:**	1025	

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS101	0.50 - 2.00	30	1025		0.1	0.1	0.1	20.6	0	0	1.7	Dry
		60			0.1	0.1	0.1	20.5	0	0		
		90			0.1	0.1	0.1	20.4	0	0		
		120			0.1	0.1	0.1	20.4	0	0		
		150			0.1	0.1	0.1	20.4	0	0		
		180			0.1	0.1	0.1	20.4	0	0		
		210			0.1	0.1	0.1	20.4	0	0		
		240			0.1	0.1	0.1	20.4	0	0		
		270			0.1	0.1	0.1	20.3	0	0		
		300			0.1	0.1	0.1	20.3	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.6	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.3	0.0	0.0		
WS102	1.00 - 3.00	30	1025		0.1	0.1	0.3	20.3	0	0	2.7	Dry
		60			0.1	0.1	0.3	20.2	0	0		
		90			0.1	0.1	0.3	20.2	0	0		
		120			0.1	0.1	0.3	20.2	0	0		
		150			0.1	0.1	0.2	20.2	0	0		
		180			0.1	0.1	0.2	20.2	0	0		
		210			0.1	0.1	0.2	20.3	0	0		
		240			0.1	0.1	0.2	20.3	0	0		
		270			0.1	0.1	0.2	20.3	0	0		
		300			0.1	0.1	0.2	20.3	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.3	20.3	0.0	0.0		
	STEADY				0.1	0.1	0.2	20.3	0.0	0.0		
WS103	2.00 - 3.50	30	Location Destroyed									
		60										
		90										
		120										
		150										
		180										
		210										
		240										
		270										
		300										
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.0	0.0	0.0	0.0	0.0	0.0		
	STEADY				0.0	0.0	0.0	0.0	0.0	0.0		
		30	1025		0.1	0.1	1.8	18.4	0	0		
		60			0.1	0.1	1.8	18.5	0	0		
		90			0.1	0.1	1.7	18.5	0	0		
		120			0.1	0.1	1.7	18.5	0	0		
		150			0.1	0.1	1.7	18.6	0	0		
		180			0.1	0.1	1.6	18.6	0	0		
		210			0.1	0.1	1.6	18.7	0	0		
		240			0.1	0.1	1.5	18.7	0	0		
		270			0.1	0.1	1.5	18.8	0	0		
	0.50 - 2.50	300			0.1	0.1	1.5	18.8	0	0		

Site:	Cherryfield Drive, Kirkby	**Visit Number:**	24		
Job Number:	15280	**Date:**	2/02/2023		
		Weather:	Overcast		
		Temperature:	9 to 11	(°C)	

Drafted	Rev	Auth	Start Time:	7:25:00 AM	Start Pressure:	1020
SK	PW		End Time:	9:30:00 AM	End Pressure:	1025

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS105		330									2.23	1.67
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	1.8	18.8	0.0	0.0		
	STEADY				0.1	0.1	1.5	18.8	0.0	0.0		
WS106	1.00 - 3.00	30	1025		0.1	0.1	3.8	16.6	0	0	2.88	Dry
		60			0.1	0.1	3.7	16.9	0	0		
		90			0.1	0.1	3.7	16.9	0	0		
		120			0.1	0.1	3.7	17	0	0		
		150			0.1	0.1	3.7	17	0	0		
		180			0.1	0.1	3.7	17	0	0		
		210			0.1	0.1	3.7	17	0	0		
		240			0.1	0.1	3.7	17	0	0		
		270			0.1	0.1	3.6	17.1	0	0		
		300			0.1	0.1	3.6	17.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	3.8	17.1	0.0	0.0		
	STEADY				0.1	0.1	3.6	17.1	0.0	0.0		
WS108	0.80 - 2.80	30	1024		0.1	14.8	9.3	0.6	0	0	2.64	1.98
		60			0.1	15.2	9.4	0.2	0	0		
		90			0.1	15.1	9.4	0.1	0	0		
		120			0.1	15	9.5	0.1	0	0		
		150			0.1	14.9	9.5	0.2	0	0		
		180			0.1	14.6	9.5	0.2	0	0		
		210			0.1	14.3	9.5	0.3	0	0		
		240			0.1	13.9	9.5	0.5	0	0		
		270			0.1	13.5	9.5	0.7	0	0		
		300			0.1	12.7	9.5	1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	15.2	9.5	1.0	0.0	0.0		
	STEADY				0.1	12.7	9.5	1.0	0.0	0.0		
WS110	0.25 - 1.25	30	1024		0.1	0.1	1	19.5	0	0	0.93	Dry
		60			0.1	0.1	1	19.5	0	0		
		90			0.1	0.1	0.9	19.5	0	0		
		120			0.1	0.1	0.9	19.6	0	0		
		150			0.1	0.1	0.9	19.7	0	0		
		180			0.1	0.1	0.8	19.7	0	0		
		210			0.1	0.1	0.8	19.7	0	0		
		240			0.1	0.1	0.7	19.8	0	0		
		270			0.1	0.1	0.7	19.8	0	0		
		300			0.1	0.1	0.6	19.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	1.0	19.9	0.0	0.0		
	STEADY				0.1	0.1	0.6	19.9	0.0	0.0		

e3p	**Site:** Cherryfield Drive, Kirkby			**Visit Number:**		24	
	Job Number: 15280			**Date:**		2/02/2023	
				Weather:		Overcast	
				Temperature:		9 to 11	(°C)
	Drafted	**Rev**	**Auth**	**Start Time:**	7:25:00 AM	**Start Pressure:**	1020
	SK	PW		**End Time:**	9:30:00 AM	**End Pressure:**	1025

Comments:

Flooded Wells: 0
Damaged Wells: 1 Cant locate: 4

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS111	0.50 - 3.00	30	1024		0.1	0.1	0.9	19.2	0	0	3.23	2.58
		60			0.1	0.1	0.9	19.1	0	0		
		90			0.1	0.1	0.9	19.1	0	0		
		120			0.1	0.1	0.9	19.1	0	0		
		150			0.1	0.1	0.8	19.3	0	0		
		180			0.1	0.1	0.8	19.3	0	0		
		210			0.1	0.1	0.8	19.4	0	0		
		240			0.1	0.1	0.7	19.5	0	0		
		270			0.1	0.1	0.7	19.5	0	0		
		300			0.1	0.1	0.7	19.6	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.9	19.6	0.0	0.0		
	STEADY				0.1	0.1	0.7	19.6	0.0	0.0		

WELL	VISIT NUMBER	DATE	CH_4 PEAK (%V/V)	CH_4 STEADY (%V/V)	CH_4 GSV (l/hr)	CO_2 PEAK (%V/V)	CO_2 STEADY (%V/V)	CO_2 GSV (l/hr)	O_2 (%V/V)	ATMOS (mb)	ATMOS. DYNAMIC	PEAK FLOW (l/hr)	STEADY FLOW (l/hr)	RESPONSE ZONE (m bgl)	DEPTH TO BASE (m bgl)	DEPTH TO WATER (m bgl)
WS101	Visit 1	23/02/2022	6.8	6.8	0.0068	8.5	8.5	0.0085	0.1	1008	Falling	0.1	0.1	0.50 - 2.00	1.75	Dry
WS101	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	0.1	1008	Rising	0.1	0.1	0.50 - 2.00	1.75	Dry
WS101	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.6	1023	Steady	0.1	0.1	0.50 - 2.00	1.85	Dry
WS101	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.4	1014	Falling	0.1	0.1	0.50 - 2.00	1.86	Dry
WS101	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1019	Steady	0.1	0.1	0.50 - 2.00	1.85	Dry
WS101	Visit 6	6/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1018	Steady	0.1	0.1	0.50 - 2.00	1.86	Dry
WS101	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1012	Steady	0.1	0.1	0.50 - 2.00	1.85	Dry
WS101	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1010	Steady	0.1	0.1	0.50 - 2.00	1.85	1.65
WS101	Visit 9	17/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1017	Steady	0.1	0.1	0.50 - 2.00	1.85	Dry
WS101	Visit 10	6/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.7	1023	Steady	0.1	0.1	0.50 - 2.00	1.85	Dry
WS101	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1022	Falling	0.1	0.1	0.50 - 2.00	1.85	Dry
WS101	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.8	1029	Falling	0.1	0.1	0.50 - 2.00	1.85	Dry
WS101	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1012	Falling	0.1	0.1	0.50 - 2.00	1.85	Dry
WS101	Visit 14	5/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1011	Steady	0.1	0.1	0.50 - 2.00	1.85	Dry
WS101	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1009	Steady	0.1	0.1	0.50 - 2.00	1.85	Dry
WS101	Visit 16	5/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18	997	Falling	0.1	0.1	0.50 - 2.00	1.79	Dry
WS101	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1010	Rising	0.1	0.1	0.50 - 2.00	1.80	Dry
WS101	Visit 18	4/11/2022	0.1	0.1	0.0001	1.8	1.8	0.0018	17.9	1008	Rising	0.1	0.1	0.50 - 2.00	1.72	Dry
WS101	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1005	Falling	0.1	0.1	0.50 - 2.00	1.80	Dry
WS101	Visit 20	7/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.3	1020	Falling	0.1	0.1	0.50 - 2.00	1.70	Dry
WS101	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	992	Falling	0.1	0.1	0.50 - 2.00	1.80	Dry
WS101	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.8	991	Falling	0.1	0.1	0.50 - 2.00	1.80	Dry
WS101	Visit 23	19/01/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	19.8	1002	Rising	0.1	0.1	0.50 - 2.00	1.70	Dry
WS101	Visit 24	3/02/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1025	Rising	0.1	0.1	0.50 - 2.00	1.70	Dry
WS102	Visit 1	23/02/2022	3.7	3.7	0.0037	10.8	10.8	0.0108	1.4	1008	Falling	0.1	0.1	1.00 - 3.00	2.55	Dry
WS102	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	3.1	1008	Rising	0.1	0.1	1.00 - 3.00	2.55	Dry
WS102	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1022	Steady	0.1	0.1	1.00 - 3.00	2.70	Dry
WS102	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.5	1013	Falling	0.1	0.1	1.00 - 3.00	2.69	Dry
WS102	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1018	Steady	0.1	0.1	1.00 - 3.00	2.70	Dry
WS102	Visit 6	6/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1018	Steady	0.1	0.1	1.00 - 3.00	2.69	Dry
WS102	Visit 7	17/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1015	Steady	0.1	0.1	1.00 - 3.00	2.70	Dry
WS102	Visit 8	1/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1015	Rising	0.1	0.1	1.00 - 3.00	2.70	Dry
WS102	Visit 9	17/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.4	1015	Steady	0.1	0.1	1.00 - 3.00	2.70	Dry
WS102	Visit 10	6/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1020	Steady	0.1	0.1	1.00 - 3.00	2.70	Dry
WS102	Visit 11	2/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1010	Falling	0.1	0.1	1.00 - 3.00	2.70	Dry
WS102	Visit 12	11/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.8	1022	Falling	0.1	0.1	1.00 - 3.00	2.70	Dry
WS102	Visit 13	19/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1014	Rising	0.1	0.1	1.00 - 3.00	2.70	Dry
WS102	Visit 14	6/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1017	Falling	0.1	0.1	1.00 - 3.00	2.70	Dry
WS102	Visit 15	21/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1009	Falling	0.1	0.1	1.00 - 3.00	2.75	Dry
WS102	Visit 16	5/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18	997	Falling	0.1	0.1	1.00 - 3.00	2.70	Dry
WS102	Visit 17	18/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1003	Rising	0.1	0.1	1.00 - 3.00	2.70	Dry
WS102	Visit 18	4/11/2022	0.1	0.1	0.0001	0.3	0.2	0.0003	19.9	1006	Rising	0.1	0.1	1.00 - 3.00	2.70	Dry
WS102	Visit 19	15/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	990	Falling	0.1	0.1	1.00 - 3.00	2.70	Dry
WS102	Visit 20	7/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.2	990	Falling	0.1	0.1	1.00 - 3.00	2.70	Dry
WS102	Visit 21	20/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	990	Rising	0.1	0.1	1.00 - 3.00	2.70	Dry
WS102	Visit 22	29/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	990	Rising	0.1	0.1	1.00 - 3.00	2.70	Dry
WS102	Visit 23	19/01/2023	0.1	0.1	0.0001	0.3	0.2	0.0003	19.9	990	Rising	0.1	0.1	1.00 - 3.00	2.70	Dry
WS102	Visit 24	3/02/2023	0.1	0.1	0.0001	0.3	0.2	0.0003	20.3	990	Rising	0.1	0.1	1.00 - 3.00	2.70	Dry
WS103	Visit 1	Location destroyed														
WS105	Visit 1	23/02/2022	0.1	0.1	0.0001	6.9	6.9	0.0069	4.3	1008	Falling	0.1	0.1	0.50 - 2.50	2.20	1.50
WS105	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	4.3	1008	Rising	0.1	0.1	0.50 - 2.50	2.20	1.50
WS105	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1023	Steady	0.1	0.1	0.50 - 2.50	2.25	2.00
WS105	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.5	1013	Falling	0.1	0.1	0.50 - 2.50	2.24	Dry
WS105	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1018	Steady	0.1	0.1	0.50 - 2.50	2.25	2.20
WS105	Visit 6	6/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1018	Steady	0.1	0.1	0.50 - 2.50	2.24	Dry
WS105	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1012	Steady	0.1	0.1	0.50 - 2.50	2.25	2.00
WS105	Visit 8	1/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1016	Rising	0.1	0.1	0.50 - 2.50	2.25	1.90
WS105	Visit 9	17/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1017	Steady	0.1	0.1	0.50 - 2.50	2.25	2.00

WELL	VISIT NUMBER	DATE	CH_4 PEAK (%V/V)	CH_4 STEADY (%V/V)	CH_4 GSV (l/hr)	CO_2 PEAK (%V/V)	CO_2 STEADY (%V/V)	CO_2 GSV (l/hr)	O_2 (%V/V)	ATMOS (mb)	ATMOS. DYNAMIC	PEAK FLOW (l/hr)	STEADY FLOW (l/hr)	RESPONSE ZONE (m bgl)	DEPTH TO BASE (m bgl)	DEPTH TO WATER (m bgl)
WS105	Visit 10	6/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.7	1022	Steady	0.1	0.1	0.50 - 2.50	2.23	Dry
WS105	Visit 11	2/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1009	Falling	0.1	0.1	0.50 - 2.50	2.25	Dry
WS105	Visit 12	11/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.8	1023	Falling	0.1	0.1	0.50 - 2.50	2.25	Dry
WS105	Visit 13	19/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1013	Rising	0.1	0.1	0.50 - 2.50	2.25	Dry
WS105	Visit 14	5/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1012	Steady	0.1	0.1	0.50 - 2.50	2.25	Dry
WS105	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1008	Steady	0.1	0.1	0.50 - 2.50	2.25	Dry
WS105	Visit 16	5/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18	997	Falling	0.1	0.1	0.50 - 2.50	2.25	Dry
WS105	Visit 17	18/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1002	Rising	0.1	0.1	0.50 - 2.50	2.25	Dry
WS105	Visit 18	4/11/2022	0.1	0.1	0.0001	2.5	2.4	0.0025	18	1006	Rising	0.1	0.1	0.50 - 2.50	2.20	1.65
WS105	Visit 19	15/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	991	Falling	0.1	0.1	0.50 - 2.50	2.25	Dry
WS105	Visit 20	7/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.4	1018	Falling	0.1	0.1	0.50 - 2.50	2.23	1.80
WS105	Visit 21	20/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	999	Rising	0.1	0.1	0.50 - 2.50	2.25	Dry
WS105	Visit 22	29/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	997	Rising	0.1	0.1	0.50 - 2.50	2.25	Dry
WS105	Visit 23	19/01/2023	0.1	0.1	0.0001	1.3	1.1	0.0013	18.8	1001	Rising	0.1	0.1	0.50 - 2.50	2.23	1.15
WS105	Visit 24	3/02/2023	0.1	0.1	0.0001	1.8	1.5	0.0018	18.8	1025	Rising	0.1	0.1	0.50 - 2.50	2.23	1.67
WS106	Visit 1	23/02/2022	0.4	0.4	0.0004	6.2	6.2	0.0062	10.7	1008	Falling	0.1	0.1	1.00 - 3.00	2.80	2.30
WS106	Visit 2	14/03/2022	0.4	0.4	0.0004	0.1	0.1	0.0001	20	1019	Rising	0.1	0.1	1.00 - 3.00	2.88	2.55
WS106	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1023	Steady	0.1	0.1	1.00 - 3.00	2.85	2.65
WS106	Visit 4	30/03/2022	0.4	0.4	0.0004	0.1	0.1	0.0001	19.6	1013	Falling	0.1	0.1	1.00 - 3.00	2.87	2.70
WS106	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1019	Steady	0.1	0.1	1.00 - 3.00	2.85	Dry
WS106	Visit 6	6/05/2022	0.4	0.4	0.0004	0.1	0.1	0.0001	18.8	1018	Steady	0.1	0.1	1.00 - 3.00	2.87	Dry
WS106	Visit 7	17/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1015	Steady	0.1	0.1	1.00 - 3.00	2.85	Dry
WS106	Visit 8	1/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1015	Rising	0.1	0.1	1.00 - 3.00	2.85	Dry
WS106	Visit 9	17/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.4	1015	Steady	0.1	0.1	1.00 - 3.00	2.85	Dry
WS106	Visit 10	6/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1020	Steady	0.1	0.1	1.00 - 3.00	2.85	Dry
WS106	Visit 11	2/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1010	Falling	0.1	0.1	1.00 - 3.00	2.85	Dry
WS106	Visit 12	11/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1022	Falling	0.1	0.1	1.00 - 3.00	2.85	Dry
WS106	Visit 13	19/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1014	Rising	0.1	0.1	1.00 - 3.00	2.85	Dry
WS106	Visit 14	6/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1017	Falling	0.1	0.1	1.00 - 3.00	2.85	Dry
WS106	Visit 15	21/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1009	Falling	0.1	0.1	1.00 - 3.00	2.90	Dry
WS106	Visit 16	5/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18	997	Falling	0.1	0.1	1.00 - 3.00	2.87	Dry
WS106	Visit 17	18/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1003	Rising	0.1	0.1	1.00 - 3.00	2.90	Dry
WS106	Visit 18	4/11/2022	0.1	0.1	0.0001	7.7	7.6	0.0077	8.6	1007	Rising	0.1	0.1	1.00 - 3.00	2.90	Dry
WS106	Visit 19	15/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	990	Falling	0.1	0.1	1.00 - 3.00	2.90	Dry
WS106	Visit 20	7/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.2	1017	Falling	0.1	0.1	1.00 - 3.00	2.88	2.82
WS106	Visit 21	20/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1000	Rising	0.1	0.1	1.00 - 3.00	2.90	Dry
WS106	Visit 22	29/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	998	Rising	0.1	0.1	1.00 - 3.00	2.90	Dry
WS106	Visit 23	19/01/2023	0.1	0.1	0.0001	5.0	4.7	0.005	14.8	1000	Rising	0.1	0.1	1.00 - 3.00	2.88	2.43
WS106	Visit 24	3/02/2023	0.1	0.1	0.0001	3.8	3.6	0.0038	17.1	1025	Rising	0.1	0.1	1.00 - 3.00	2.88	Dry
WS108	Visit 1	23/02/2022	46.1	46.1	0.0461	7.8	7.5	0.0078	2.5	1008	Falling	0.1	0.1	0.80 - 2.80	2.60	1.50
WS108	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1019	Rising	0.1	0.1	0.80 - 2.80	2.70	2.00
WS108	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1023	Steady	0.1	0.1	0.80 - 2.80	2.70	2.30
WS108	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1013	Falling	0.1	0.1	0.80 - 2.80	2.68	2.15
WS108	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1019	Steady	0.1	0.1	0.80 - 2.80	2.70	2.60
WS108	Visit 6	6/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1018	Steady	0.1	0.1	0.80 - 2.80	2.68	2.42
WS108	Visit 7	17/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1015	Steady	0.1	0.1	0.80 - 2.80	2.70	2.40
WS108	Visit 8	1/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1015	Rising	0.1	0.1	0.80 - 2.80	2.70	2.40
WS108	Visit 9	17/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1015	Steady	0.1	0.1	0.80 - 2.80	2.70	Dry
WS108	Visit 10	6/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1022	Steady	0.1	0.1	0.80 - 2.80	2.69	2.56
WS108	Visit 11	2/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1010	Falling	0.1	0.1	0.80 - 2.80	2.70	Dry
WS108	Visit 12	11/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.8	1022	Falling	0.1	0.1	0.80 - 2.80	2.70	Dry
WS108	Visit 13	19/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1014	Rising	0.1	0.1	0.80 - 2.80	2.70	Dry
WS108	Visit 14	6/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1017	Falling	0.1	0.1	0.80 - 2.80	2.70	Dry
WS108	Visit 15	21/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1008	Falling	0.1	0.1	0.80 - 2.80	2.70	Dry
WS108	Visit 16	5/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18	997	Falling	0.1	0.1	0.80 - 2.80	2.65	Dry
WS108	Visit 17	18/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1003	Rising	0.1	0.1	0.80 - 2.80	2.65	Dry
WS108	Visit 18	4/11/2022	9.6	3.4	0.0096	10.3	6.9	0.0103	14.6	1006	Rising	0.1	0.1	0.80 - 2.80	2.65	2.37
WS108	Visit 19	15/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	990	Falling	0.1	0.1	0.80 - 2.80	2.65	Dry
WS108	Visit 20	7/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.3	1018	Falling	0.1	0.1	0.80 - 2.80	2.64	1.98

WELL	VISIT NUMBER	DATE	CH_4 PEAK (%V/V)	CH_4 STEADY (%V/V)	CH_4 GSV (l/hr)	CO_2 PEAK (%V/V)	CO_2 STEADY (%V/V)	CO_2 GSV (l/hr)	O_2 (%V/V)	ATMOS (mb)	ATMOS. DYNAMIC	PEAK FLOW (l/hr)	STEADY FLOW (l/hr)	RESPONSE ZONE (m bgl)	DEPTH TO BASE (m bgl)	DEPTH TO WATER (m bgl)
WS108	Visit 21	20/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1000	Rising	0.1	0.1	0.80 - 2.80	2.65	Dry
WS108	Visit 22	29/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	998	Rising	0.1	0.1	0.80 - 2.80	2.65	Dry
WS108	Visit 23	19/01/2023	5.2	5.2	0.0052	4.6	4.6	0.0046	3	1001	Rising	0.1	0.1	0.80 - 2.80	2.64	1.60
WS108	Visit 24	3/02/2023	15.2	12.7	0.0152	9.5	9.0	0.0095	3.3	1024	Rising	0.1	0.1	0.80 - 2.80	2.64	1.98
WS110	Visit 1	23/02/2022	Location damaged and well repaired for following visit											1.00-2.00		
WS110	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1019	Rising	0.1	0.1	1.00-2.00	1.75	0.80
WS110	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19	1023	Steady	0.1	0.1	1.00-2.00	1.85	Dry
WS110	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.5	1014	Falling	0.1	0.1	1.00-2.00	1.86	Dry
WS110	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1019	Steady	0.1	0.1	1.00-2.00	1.85	Dry
WS110	Visit 6	6/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1018	Steady	0.1	0.1	1.00-2.00	1.86	Dry
WS110	Visit 7	17/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1015	Steady	0.1	0.1	1.00-2.00	1.85	Dry
WS110	Visit 8	1/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1016	Rising	0.1	0.1	1.00-2.00	1.85	Dry
WS110	Visit 9	17/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1016	Steady	0.1	0.1	1.00-2.00	1.85	Dry
WS110	Visit 10	6/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1022	Steady	0.1	0.1	1.00-2.00	1.85	Dry
WS110	Visit 11	2/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1009	Falling	0.1	0.1	1.00-2.00	1.85	Dry
WS110	Visit 12	11/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1022	Falling	0.1	0.1	1.00-2.00	1.85	Dry
WS110	Visit 13	19/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1014	Rising	0.1	0.1	1.00-2.00	1.85	Dry
WS110	Visit 14	6/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1017	Falling	0.1	0.1	1.00-2.00	1.85	Dry
WS110	Visit 15	21/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1007	Falling	0.1	0.1	1.00-2.00	1.85	dry
WS110	Visit 16	5/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18	997	Falling	0.1	0.1	1.00-2.00	1.79	Dry
WS110	Visit 17	18/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1003	Rising	0.1	0.1	1.00-2.00	1.80	Dry
WS110	Visit 18	4/11/2022	0.1	0.1	0.0001	1.5	1.2	0.0015	19	1006	Rising	0.1	0.1	1.00-2.00	1.72	Dry
WS110	Visit 19	15/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	990	Falling	0.1	0.1	1.00-2.00	1.80	Dry
WS110	Visit 20	7/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.3	1017	Falling	0.1	0.1	1.00-2.00	1.70	Dry
WS110	Visit 21	20/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1000	Rising	0.1	0.1	1.00-2.00	1.80	Dry
WS110	Visit 22	29/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	998	Rising	0.1	0.1	1.00-2.00	1.80	Dry
WS110	Visit 23	19/01/2023	0.1	0.1	0.0001	1.3	1.0	0.0013	18.9	1000	Rising	0.1	0.1	1.00-2.00	1.70	0.57
WS110	Visit 24	3/02/2023	0.1	0.1	0.0001	1.0	0.6	0.001	19.9	1024	Rising	0.1	0.1	1.00-2.00	1.70	Dry
WS111	Visit 1	23/02/2022	6.2	6.2	0.0062	5.3	5.3	0.0053	6.4	1008	Falling	0.1	0.1	0.50-3.00	2.55	2.60
WS111	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1019	Rising	0.1	0.1	0.50-3.00	2.55	3.17
WS111	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1023	Steady	0.1	0.1	0.50-3.00	2.70	Dry
WS111	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.5	1013	Falling	0.1	0.1	0.50-3.00	2.69	Dry
WS111	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1018	Steady	0.1	0.1	0.50-3.00	2.70	Dry
WS111	Visit 6	6/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1018	Steady	0.1	0.1	0.50-3.00	2.69	Dry
WS111	Visit 7	17/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1015	Steady	0.1	0.1	0.50-3.00	2.70	Dry
WS111	Visit 8	1/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1016	Rising	0.1	0.1	0.50-3.00	2.70	3.15
WS111	Visit 9	17/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.4	1016	Steady	0.1	0.1	0.50-3.00	2.70	Dry
WS111	Visit 10	6/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.7	1022	Steady	0.1	0.1	0.50-3.00	2.70	Dry
WS111	Visit 11	2/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1009	Falling	0.1	0.1	0.50-3.00	2.70	Dry
WS111	Visit 12	11/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1023	Falling	0.1	0.1	0.50-3.00	2.70	Dry
WS111	Visit 13	19/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1013	Rising	0.1	0.1	0.50-3.00	2.70	Dry
WS111	Visit 14	5/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1012	Steady	0.1	0.1	0.50-3.00	2.70	Dry
WS111	Visit 15	21/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1009	Falling	0.1	0.1	0.50-3.00	2.75	Dry
WS111	Visit 16	5/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	997	Falling	0.1	0.1	0.50-3.00	2.70	Dry
WS111	Visit 17	18/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1002	Rising	0.1	0.1	0.50-3.00	2.70	Dry
WS111	Visit 18	4/11/2022	0.1	0.1	0.0001	0.9	0.9	0.0009	19.2	1006	Rising	0.1	0.1	0.50-3.00	2.70	Dry
WS111	Visit 19	15/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	991	Falling	0.1	0.1	0.50-3.00	2.70	Dry
WS111	Visit 20	7/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.3	1017	Falling	0.1	0.1	0.50-3.00	2.70	Dry
WS111	Visit 21	20/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	999	Rising	0.1	0.1	0.50-3.00	2.70	Dry
WS111	Visit 22	29/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	997	Rising	0.1	0.1	0.50-3.00	2.70	Dry
WS111	Visit 23	19/01/2023	0.1	0.1	0.0001	2.7	2.3	0.0027	17.2	1001	Rising	0.1	0.1	0.50-3.00	2.70	2.03
WS111	Visit 24	3/02/2023	0.1	0.1	0.0001	0.9	0.7	0.0009	19.6	1024	Rising	0.1	0.1	0.50-3.00	2.70	2.58
WS113	Visit 1	23/02/2022	0.1	0.1	0.0164	3.1	3.1	0.1984	13.1	1009	Falling	6.4	0.1	1.00 - 2.00	ɔcation destroye	1.50
WS113	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	13.1	1009	Rising	0.1	0.1	1.00 - 2.00	2.20	1.35
WS113	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1022	Steady	0.1	0.1	1.00 - 2.00	2.20	1.55
WS113	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1006	Falling	0.1	0.1	1.00 - 2.00	2.25	1.02
WS113	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1019	Steady	0.1	0.1	1.00 - 2.00	2.24	1.75

WELL	VISIT NUMBER	DATE	CH_4 PEAK (%V/V)	CH_4 STEADY (%V/V)	CH_4 GSV (l/hr)	CO_2 PEAK (%V/V)	CO_2 STEADY (%V/V)	CO_2 GSV (l/hr)	O_2 (%V/V)	ATMOS (mb)	ATMOS. DYNAMIC	PEAK FLOW (l/hr)	STEADY FLOW (l/hr)	RESPONSE ZONE (m bgl)	DEPTH TO BASE (m bgl)	DEPTH TO WATER (m bgl)
WS113	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1019	Steady	0.1	0.1	1.00 - 2.00	2.25	1.67
WS113	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1012	Steady	0.1	0.1	1.00 - 2.00	2.24	1.50
WS113	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1009	Steady	0.1	0.1	1.00 - 2.00	2.25	1.30
WS113	Visit 9	17/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1016	Steady	0.1	0.1	1.00 - 2.00	2.25	1.65
WS113	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.5	1018	Rising	0.1	0.1	1.00 - 2.00	2.25	1.60
WS113	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1020	Falling	0.1	0.1	1.00 - 2.00	2.23	1.75
WS113	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1028	Falling	0.1	0.1	1.00 - 2.00	2.25	1.60
WS113	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1011	Falling	0.1	0.1	1.00 - 2.00	2.25	1.75
WS113	Visit 14	1/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1022	Falling	0.1	0.1	1.00 - 2.00	2.25	Dry
WS113	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1008	Steady	0.1	0.1	1.00 - 2.00	2.25	Dry
WS113	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1005	Falling	0.1	0.1	1.00 - 2.00	2.25	1.20
WS113	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1010	Rising	0.1	0.1	1.00 - 2.00	2.25	1.60
WS113	Visit 18	3/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	994	Falling	0.1	0.1	1.00 - 2.00	2.25	1.24
WS113	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1005	Falling	0.1	0.1	1.00 - 2.00	2.20	1.70
WS113	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.7	1021	Steady	0.1	0.1	1.00 - 2.00	2.25	1.51
WS113	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	992	Falling	0.1	0.1	1.00 - 2.00	2.23	Dry
WS113	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	991	Falling	0.1	0.1	1.00 - 2.00	2.25	Dry
WS113	Visit 23	18/01/2023	0.1	0.1	0.0001	0.3	0.3	0.0003	19.8	994	Rising	0.1	0.1	1.00 - 2.00	2.25	1.28
WS113	Visit 24	2/02/2023	0.1	0.1	0.0001	0.4	0.4	0.0004	20.1	1020	Steady	0.1	0.1	1.00 - 2.00	2.23	1.52
WS114	Visit 1	Monitoring Location Destroyed														
WS115	Visit 1	22/02/2022	Monitoring Location Flooded											1.00-2.00	-	-
WS115	Visit 2	15/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1019	Rising	0.1	0.1	1.00-2.00	2.85	1.13
WS115	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1022	Steady	0.1	0.1	1.00-2.00	2.87	1.35
WS115	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1006	Falling	0.1	0.1	1.00-2.00	2.85	1.28
WS115	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1019	Steady	0.1	0.1	1.00-2.00	2.87	1.65
WS115	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1019	Steady	0.1	0.1	1.00-2.00	2.85	1.62
WS115	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1012	Steady	0.1	0.1	1.00-2.00	2.85	1.50
WS115	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1010	Steady	0.1	0.1	1.00-2.00	2.85	1.45
WS115	Visit 9	17/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1016	Steady	0.1	0.1	1.00-2.00	2.85	1.60
WS115	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.5	1019	Rising	0.1	0.1	1.00-2.00	2.85	1.57
WS115	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1020	Falling	0.1	0.1	1.00-2.00	2.85	1.75
WS115	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1028	Falling	0.1	0.1	1.00-2.00	2.85	1.65
WS115	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.8	1012	Falling	0.1	0.1	1.00-2.00	2.85	1.70
WS115	Visit 14	5/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1011	Steady	0.1	0.1	1.00-2.00	2.90	Dry
WS115	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1008	Steady	0.1	0.1	1.00-2.00	2.87	Dry
WS115	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1005	Falling	0.1	0.1	1.00-2.00	2.90	1.36
WS115	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1010	Rising	0.1	0.1	1.00-2.00	2.90	1.55
WS115	Visit 18	3/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	994	Falling	0.1	0.1	1.00-2.00	2.90	1.18
WS115	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1005	Falling	0.1	0.1	1.00-2.00	2.88	1.60
WS115	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.5	1020	Steady	0.1	0.1	1.00-2.00	2.90	1.60
WS115	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	992	Falling	0.1	0.1	1.00-2.00	2.90	Dry
WS115	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.8	991	Falling	0.1	0.1	1.00-2.00	2.88	Dry
WS115	Visit 23	18/01/2023	0.1	0.1	0.0001	0.2	0.1	0.0002	20.1	993	Rising	0.1	0.1	1.00-2.00	2.88	1.14
WS115	Visit 24	2/02/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1020	Steady	0.1	0.1	1.00-2.00	2.60	1.29
WS117	Visit 1	23/02/2022	0.1	0.1	0.0001	4.7	4.6	0.0047	14.3	1007	Falling	0.1	0.1	1.00 - 2.50	2.70	1.20
WS117	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1020	Rising	0.1	0.1	1.00 - 2.50	2.70	1.10
WS117	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1022	Steady	0.1	0.1	1.00 - 2.50	2.68	1.40
WS117	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1006	Falling	0.1	0.1	1.00 - 2.50	2.70	1.45
WS117	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1019	Steady	0.1	0.1	1.00 - 2.50	2.68	1.95
WS117	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1018	Steady	0.1	0.1	1.00 - 2.50	2.70	2.22
WS117	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1012	Steady	0.1	0.1	1.00 - 2.50	2.70	1.85
WS117	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1010	Steady	0.1	0.1	1.00 - 2.50	2.70	1.85
WS117	Visit 9	17/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1016	Steady	0.1	0.1	1.00 - 2.50	2.69	2.20
WS117	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1020	Rising	0.1	0.1	1.00 - 2.50	2.70	2.20
WS117	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1021	Falling	0.1	0.1	1.00 - 2.50	2.70	2.35
WS117	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1029	Falling	0.1	0.1	1.00 - 2.50	2.70	2.30

WELL	VISIT NUMBER	DATE	CH_4 PEAK (%V/V)	CH_4 STEADY (%V/V)	CH_4 GSV (l/hr)	CO_2 PEAK (%V/V)	CO_2 STEADY (%V/V)	CO_2 GSV (l/hr)	O_2 (%V/V)	ATMOS (mb)	ATMOS. DYNAMIC	PEAK FLOW (l/hr)	STEADY FLOW (l/hr)	RESPONSE ZONE (m bgl)	DEPTH TO BASE (m bgl)	DEPTH TO WATER (m bgl)
WS117	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.8	1012	Falling	0.1	0.1	1.00 - 2.50	2.70	2.35
WS117	Visit 14	5/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.8	1011	Steady	0.1	0.1	1.00 - 2.50	2.70	Dry
WS117	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1008	Steady	0.1	0.1	1.00 - 2.50	2.65	Dry
WS117	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1007	Falling	0.1	0.1	1.00 - 2.50	2.65	Dry
WS117	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1010	Rising	0.1	0.1	1.00 - 2.50	2.65	Dry
WS117	Visit 18	3/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.4	994	Falling	0.1	0.1	1.00 - 2.50	2.65	2.35
WS117	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1005	Falling	0.1	0.1	1.00 - 2.50	2.64	Dry
WS117	Visit 20	6/12/2022	0.1	0.1	0	0.1	0.1	-	19.6	1020	Steady	0.1	0.1	1.00 - 2.50	2.65	2.00
WS117	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	992	Falling	0.1	0.1	1.00 - 2.50	2.65	Dry
WS117	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.8	991	Falling	0.1	0.1	1.00 - 2.50	2.64	Dry
WS117	Visit 23	18/01/2023	0.1	0.1	0.0001	0.2	0.2	0.0002	20.1	993	Rising	0.1	0.1	1.00 - 2.50	2.64	1.36
WS117	Visit 24	2/02/2023	0.1	0.1	0.0001	0.3	0.1	0.0003	20.3	1020	Steady	0.1	0.1	1.00 - 2.50	1.75	1.63
WS118	Visit 1	22/02/2022	Monitoring well damaged and repaired for next visit.											1.00-2.00	-	-
WS118	Visit 2	15/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1018	Falling	0.1	0.1	1.00-2.00	1.85	1.60
WS118	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1022	Steady	0.1	0.1	1.00-2.00	1.86	1.70
WS118	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.5	1013	Steady	0.1	0.1	1.00-2.00	1.85	1.58
WS118	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1018	Steady	0.1	0.1	1.00-2.00	1.86	Dry
WS118	Visit 6	6/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1018	Steady	0.1	0.1	1.00-2.00	1.85	1.75
WS118	Visit 7	17/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1015	Steady	0.1	0.1	1.00-2.00	1.85	Dry
WS118	Visit 8	1/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1016	Rising	0.1	0.1	1.00-2.00	1.85	1.70
WS118	Visit 9	17/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.4	1016	Steady	0.1	0.1	1.00-2.00	1.85	Dry
WS118	Visit 10	6/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1020	Steady	0.1	0.1	1.00-2.00	1.85	Dry
WS118	Visit 11	2/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1010	Falling	0.1	0.1	1.00-2.00	1.85	Dry
WS118	Visit 12	11/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.8	1023	Falling	0.1	0.1	1.00-2.00	1.85	Dry
WS118	Visit 13	19/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1013	Rising	0.1	0.1	1.00-2.00	1.85	Dry
WS118	Visit 14	6/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1016	Falling	0.1	0.1	1.00-2.00	1.85	Dry
WS118	Visit 15	21/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1009	Falling	0.1	0.1	1.00-2.00	1.79	Dry
WS118	Visit 16	5/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18	987	Falling	0.1	0.1	1.00-2.00	1.80	Dry
WS118	Visit 17	18/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1004	Rising	0.1	0.1	1.00-2.00	1.72	Dry
WS118	Visit 18	4/11/2022	0.1	0.1	0.0001	0.3	0.1	0.0003	20.2	1007	Rising	0.1	0.1	1.00-2.00	1.80	1.58
WS118	Visit 19	15/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	989	Falling	0.1	0.1	1.00-2.00	1.70	Dry
WS118	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.3	1018	Steady	0.1	0.1	1.00-2.00	1.80	Dry
WS118	Visit 21	20/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1000	Rising	0.1	0.1	1.00-2.00	1.80	Dry
WS118	Visit 22	29/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	998	Rising	0.1	0.1	1.00-2.00	1.70	Dry
WS118	Visit 23	19/01/2023	0.1	0.1	0.0001	0.2	0.2	0.0002	19.7	1001	Rising	0.1	0.1	1.00-2.00	1.70	1.20
WS118	Visit 24	2/02/2023	0.1	0.1	0.0001	0.2	0.1	0.0002	20.3	1020	Steady	0.1	0.1	1.00-2.00	2.55	1.41
WS119	Visit 1	23/02/2022	0.1	0.1	0.0001	2.1	2.1	0.0021	18.4	1006	Falling	0.1	0.1	0.50 - 3.50	2.55	0.60
WS119	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1019	Rising	0.1	0.1	0.50 - 3.50	2.70	1.00
WS119	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19	1022	Steady	0.1	0.1	0.50 - 3.50	2.69	1.45
WS119	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.7	1006	Falling	0.1	0.1	0.50 - 3.50	2.70	1.25
WS119	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1019	Steady	0.1	0.1	0.50 - 3.50	2.69	2.00
WS119	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1020	Steady	0.1	0.1	0.50 - 3.50	2.70	1.58
WS119	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1012	Steady	0.1	0.1	0.50 - 3.50	2.70	1.75
WS119	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1010	Steady	0.1	0.1	0.50 - 3.50	2.70	1.50
WS119	Visit 9	16/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1021	Steady	0.1	0.1	0.50 - 3.50	2.70	1.95
WS119	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.7	1020	Rising	0.1	0.1	0.50 - 3.50	2.70	2.05
WS119	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1021	Falling	0.1	0.1	0.50 - 3.50	2.70	2.45
WS119	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1029	Falling	0.1	0.1	0.50 - 3.50	2.70	2.55
WS119	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1012	Falling	0.1	0.1	0.50 - 3.50	2.70	2.55
WS119	Visit 14	1/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1023	Falling	0.1	0.1	0.50 - 3.50	2.75	Dry
WS119	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1009	Steady	0.1	0.1	0.50 - 3.50	2.70	Dry
WS119	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1006	Falling	0.1	0.1	0.50 - 3.50	2.70	Dry
WS119	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1009	Rising	0.1	0.1	0.50 - 3.50	2.70	Dry
WS119	Visit 18	3/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	995	Falling	0.1	0.1	0.50 - 3.50	2.70	2.60
WS119	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1004	Falling	0.1	0.1	0.50 - 3.50	2.70	Dry
WS119	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1020	Steady	0.1	0.1	0.50 - 3.50	2.70	2.46
WS119	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	991	Falling	0.1	0.1	0.50 - 3.50	2.70	Dry

WELL	VISIT NUMBER	DATE	CH_4 PEAK (%V/V)	CH_4 STEADY (%V/V)	CH_4 GSV (l/hr)	CO_2 PEAK (%V/V)	CO_2 STEADY (%V/V)	CO_2 GSV (l/hr)	O_2 (%V/V)	ATMOS (mb)	ATMOS. DYNAMIC	PEAK FLOW (l/hr)	STEADY FLOW (l/hr)	RESPONSE ZONE (m bgl)	DEPTH TO BASE (m bgl)	DEPTH TO WATER (m bgl)
WS119	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.8	991	Falling	0.1	0.1	0.50 - 3.50	2.70	Dry
WS119	Visit 23	18/01/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20	994	Rising	0.1	0.1	0.50 - 3.50	2.70	1.73
WS119	Visit 24	2/02/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1020	Steady	0.1	0.1	0.50 - 3.50	ɔcation destroye	1.91
WS120	Visit 1	23/02/2022	0.1	0.1	0.0001	0.2	0.1	0.0002	19.1	1008	Falling	0.1	0.1	1.00 - 2.00	2.20	1.20
WS120	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1020	Rising	0.1	0.1	1.00 - 2.00	2.20	1.22
WS120	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1022	Steady	0.1	0.1	1.00 - 2.00	2.25	1.35
WS120	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.5	1014	Falling	0.1	0.1	1.00 - 2.00	2.24	1.32
WS120	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1019	Steady	0.1	0.1	1.00 - 2.00	2.25	1.15
WS120	Visit 6	6/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1018	Steady	0.1	0.1	1.00 - 2.00	2.24	1.28
WS120	Visit 7	17/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1015	Steady	0.1	0.1	1.00 - 2.00	2.25	1.00
WS120	Visit 8	1/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1015	Rising	0.1	0.1	1.00 - 2.00	2.25	1.10
WS120	Visit 9	17/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1016	Steady	0.1	0.1	1.00 - 2.00	2.25	1.35
WS120	Visit 10	6/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1020	Steady	0.1	0.1	1.00 - 2.00	2.23	1.50
WS120	Visit 11	2/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1010	Falling	0.1	0.1	1.00 - 2.00	2.25	Dry
WS120	Visit 12	11/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1022	Falling	0.1	0.1	1.00 - 2.00	2.25	Dry
WS120	Visit 13	19/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1014	Rising	0.1	0.1	1.00 - 2.00	2.25	Dry
WS120	Visit 14	6/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1016	Falling	0.1	0.1	1.00 - 2.00	2.25	Dry
WS120	Visit 15	21/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1009	Falling	0.1	0.1	1.00 - 2.00	2.25	Dry
WS120	Visit 16	5/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18	997	Falling	0.1	0.1	1.00 - 2.00	2.25	1.16
WS120	Visit 17	18/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1004	Rising	0.1	0.1	1.00 - 2.00	2.25	1.40
WS120	Visit 18	4/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1007	Rising	0.1	0.1	1.00 - 2.00	2.20	1.04
WS120	Visit 19	15/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	989	Falling	0.1	0.1	1.00 - 2.00	2.25	1.40
WS120	Visit 20	7/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.2	1018	Falling	0.1	0.1	1.00 - 2.00	2.23	1.03
WS120	Visit 21	20/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1000	Rising	0.1	0.1	1.00 - 2.00	2.25	1.40
WS120	Visit 22	29/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	998	Rising	0.1	0.1	1.00 - 2.00	2.25	1.40
WS120	Visit 23	18/01/2023	0.1	0.1	0.0001	0.3	0.3	0.0003	19.9	996	Rising	0.1	0.1	1.00 - 2.00	2.23	1.12
WS120	Visit 24	2/02/2023	0.1	0.1	0.0001	0.4	0.4	0.0004	20	1020	Steady	0.1	0.1	1.00 - 2.00	2.23	1.26
WS121	Visit 1	23/02/2022	0.1	0.1	0.0001	2.2	2.1	0.0022	14.6	1006	Falling	0.1	0.1	0.50 - 1.50	2.80	0.60
WS121	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.8	1019	Rising	0.1	0.1	0.50 - 1.50	2.88	0.91
WS121	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1023	Steady	0.1	0.1	0.50 - 1.50	2.85	1.05
WS121	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.7	1006	Falling	0.1	0.1	0.50 - 1.50	2.87	1.00
WS121	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1019	Steady	0.1	0.1	0.50 - 1.50	2.85	1.20
WS121	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1018	Steady	0.1	0.1	0.50 - 1.50	2.87	1.20
WS121	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1012	Steady	0.1	0.1	0.50 - 1.50	2.85	1.10
WS121	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1009	Steady	0.1	0.1	0.50 - 1.50	2.85	1.00
WS121	Visit 9	16/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1021	Steady	0.1	0.1	0.50 - 1.50	2.85	Dry
WS121	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1020	Rising	0.1	0.1	0.50 - 1.50	2.85	Dry
WS121	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1021	Falling	0.1	0.1	0.50 - 1.50	2.85	Dry
WS121	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1029	Falling	0.1	0.1	0.50 - 1.50	2.85	Dry
WS121	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.8	1012	Falling	0.1	0.1	0.50 - 1.50	2.85	Dry
WS121	Visit 14	1/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1023	Falling	0.1	0.1	0.50 - 1.50	2.85	Dry
WS121	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1009	Steady	0.1	0.1	0.50 - 1.50	2.90	Dry
WS121	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1007	Falling	0.1	0.1	0.50 - 1.50	2.87	Dry
WS121	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1010	Rising	0.1	0.1	0.50 - 1.50	2.90	Dry
WS121	Visit 18	3/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	995	Falling	0.1	0.1	0.50 - 1.50	2.90	Dry
WS121	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1005	Falling	0.1	0.1	0.50 - 1.50	2.90	Dry
WS121	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1021	Steady	0.1	0.1	0.50 - 1.50	2.88	Dry
WS121	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	992	Falling	0.1	0.1	0.50 - 1.50	2.90	Dry
WS121	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.8	991	Falling	0.1	0.1	0.50 - 1.50	2.90	Dry
WS121	Visit 23	18/01/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20	992	Rising	0.1	0.1	0.50 - 1.50	2.88	0.94
WS121	Visit 24	2/02/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20.4	1020	Steady	0.1	0.1	0.50 - 1.50	2.88	1.06
WS122	Visit 1	Monitoring location destroyed.														
WS123	Visit 1	23/02/2022	Monitoring location damaged and repaired for next visit											0.50 – 3.00	-	-
WS123	Visit 2	15/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1019	Falling	0.1	0.1	0.50 – 3.00	2.70	1.72
WS123	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1023	Steady	0.1	0.1	0.50 – 3.00	2.68	1.90

WELL	VISIT NUMBER	DATE	CH_4 PEAK (%V/V)	CH_4 STEADY (%V/V)	CH_4 GSV (l/hr)	CO_2 PEAK (%V/V)	CO_2 STEADY (%V/V)	CO_2 GSV (l/hr)	O_2 (%V/V)	ATMOS (mb)	ATMOS. DYNAMIC	PEAK FLOW (l/hr)	STEADY FLOW (l/hr)	RESPONSE ZONE (m bgl)	DEPTH TO BASE (m bgl)	DEPTH TO WATER (m bgl)
WS123	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1005	Steady	0.1	0.1	0.50 – 3.00	2.70	1.90
WS123	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1018	Steady	0.1	0.1	0.50 – 3.00	2.68	2.25
WS123	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.7	1018	Steady	0.1	0.1	0.50 – 3.00	2.70	2.30
WS123	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1012	Steady	0.1	0.1	0.50 – 3.00	2.70	2.20
WS123	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1009	Steady	0.1	0.1	0.50 – 3.00	2.70	1.95
WS123	Visit 9	16/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1021	Steady	0.1	0.1	0.50 – 3.00	2.69	2.20
WS123	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.5	1018	Rising	0.1	0.1	0.50 – 3.00	2.70	2.08
WS123	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1020	Falling	0.1	0.1	0.50 – 3.00	2.70	2.35
WS123	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1028	Falling	0.1	0.1	0.50 – 3.00	2.70	2.20
WS123	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1012	Falling	0.1	0.1	0.50 – 3.00	2.70	2.35
WS123	Visit 14	1/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1022	Falling	0.1	0.1	0.50 – 3.00	2.70	2.45
WS123	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.4	1009	Steady	0.1	0.1	0.50 – 3.00	2.65	dry
WS123	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1005	Falling	0.1	0.1	0.50 – 3.00	2.65	1.97
WS123	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1011	Rising	0.1	0.1	0.50 – 3.00	2.65	2.25
WS123	Visit 18	3/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	995	Falling	0.1	0.1	0.50 – 3.00	2.65	1.80
WS123	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1006	Falling	0.1	0.1	0.50 – 3.00	2.64	2.30
WS123	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1020	Steady	0.1	0.1	0.50 – 3.00	2.65	1.72
WS123	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	993	Falling	0.1	0.1	0.50 – 3.00	2.65	Dry
WS123	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	992	Falling	0.1	0.1	0.50 – 3.00	2.64	Dry
WS123	Visit 23	18/01/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20	992	Rising	0.1	0.1	0.50 – 3.00	2.64	1.15
WS123	Visit 24	2/02/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1020	Steady	0.1	0.1	0.50 – 3.00	1.75	1.59
WS124	Visit 1	23/02/2022	13.7	13.7	0.0137	5.4	5.2	0.0054	0.1	1009	Falling	0.1	0.1	1.00 - 4.00	1.75	2.40
WS124	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.7	1018	Rising	0.1	0.1	1.00 - 4.00	1.85	2.42
WS124	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1022	Steady	0.1	0.1	1.00 - 4.00	1.86	2.65
WS124	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1006	Falling	0.1	0.1	1.00 - 4.00	1.85	2.40
WS124	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1018	Steady	0.1	0.1	1.00 - 4.00	1.86	3.10
WS124	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1019	Steady	0.1	0.1	1.00 - 4.00	1.85	2.58
WS124	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1012	Steady	0.1	0.1	1.00 - 4.00	1.85	2.85
WS124	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1009	Steady	0.1	0.1	1.00 - 4.00	1.85	2.60
WS124	Visit 9	16/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1020	Steady	0.1	0.1	1.00 - 4.00	1.85	3.05
WS124	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.5	1019	Rising	0.1	0.1	1.00 - 4.00	1.85	3.00
WS124	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1019	Falling	0.1	0.1	1.00 - 4.00	1.85	3.45
WS124	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1027	Falling	0.1	0.1	1.00 - 4.00	1.85	3.55
WS124	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1012	Falling	0.1	0.1	1.00 - 4.00	1.85	3.55
WS124	Visit 14	1/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1022	Falling	0.1	0.1	1.00 - 4.00	1.85	3.70
WS124	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1008	Steady	0.1	0.1	1.00 - 4.00	1.79	Dry
WS124	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1005	Falling	0.1	0.1	1.00 - 4.00	1.80	2.80
WS124	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1012	Rising	0.1	0.1	1.00 - 4.00	1.72	3.20
WS124	Visit 18	3/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	994	Falling	0.1	0.1	1.00 - 4.00	1.80	2.87
WS124	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1007	Falling	0.1	0.1	1.00 - 4.00	1.70	3.40
WS124	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1020	Steady	0.1	0.1	1.00 - 4.00	1.80	3.40
WS124	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	993	Falling	0.1	0.1	1.00 - 4.00	1.80	3.20
WS124	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	992	Falling	0.1	0.1	1.00 - 4.00	1.70	3.15
WS124	Visit 23	18/01/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	993	Rising	0.1	0.1	1.00 - 4.00	1.70	1.76
WS124	Visit 24	2/02/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20.4	1020	Steady	0.1	0.1	1.00 - 4.00	2.55	2.06
WS125	Visit 1	23/02/2022	0.1	0.1	0.0001	2.1	2.0	0.0021	16.2	1006	Falling	0.1	0.1	0.50 - 1.00	2.55	0.55
WS125	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1020	Rising	0.1	0.1	0.50 - 1.00	2.70	0.87
WS125	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1022	Steady	0.1	0.1	0.50 - 1.00	2.69	0.95
WS125	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.7	1006	Falling	0.1	0.1	0.50 - 1.00	2.70	0.97
WS125	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1019	Steady	0.1	0.1	0.50 - 1.00	2.69	Dry
WS125	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1019	Steady	0.1	0.1	0.50 - 1.00	2.70	Dry
WS125	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1012	Steady	0.1	0.1	0.50 - 1.00	2.70	0.90
WS125	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1010	Steady	0.1	0.1	0.50 - 1.00	2.70	0.90
WS125	Visit 9	16/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1021	Steady	0.1	0.1	0.50 - 1.00	2.70	Dry
WS125	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.7	1020	Rising	0.1	0.1	0.50 - 1.00	2.70	Dry
WS125	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1020	Falling	0.1	0.1	0.50 - 1.00	2.70	Dry
WS125	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1028	Falling	0.1	0.1	0.50 - 1.00	2.70	Dry
WS125	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1012	Falling	0.1	0.1	0.50 - 1.00	2.70	Dry
WS125	Visit 14	1/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1023	Falling	0.1	0.1	0.50 - 1.00	2.75	Dry

WELL	VISIT NUMBER	DATE	CH_4 PEAK (%V/V)	CH_4 STEADY (%V/V)	CH_4 GSV (l/hr)	CO_2 PEAK (%V/V)	CO_2 STEADY (%V/V)	CO_2 GSV (l/hr)	O_2 (%V/V)	ATMOS (mb)	ATMOS. DYNAMIC	PEAK FLOW (l/hr)	STEADY FLOW (l/hr)	RESPONSE ZONE (m bgl)	DEPTH TO BASE (m bgl)	DEPTH TO WATER (m bgl)
WS125	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.4	1008	Steady	0.1	0.1	0.50 - 1.00	2.70	Dry
WS125	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1007	Falling	0.1	0.1	0.50 - 1.00	2.70	Dry
WS125	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1009	Rising	0.1	0.1	0.50 - 1.00	2.70	Dry
WS125	Visit 18	3/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	995	Falling	0.1	0.1	0.50 - 1.00	2.70	Dry
WS125	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1005	Falling	0.1	0.1	0.50 - 1.00	2.70	Dry
WS125	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.5	1021	Steady	0.1	0.1	0.50 - 1.00	2.70	Dry
WS125	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	992	Falling	0.1	0.1	0.50 - 1.00	2.70	Dry
WS125	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.8	991	Falling	0.1	0.1	0.50 - 1.00	2.70	Dry
WS125	Visit 23	18/01/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	992	Rising	0.1	0.1	0.50 - 1.00	2.70	1.00
WS125	Visit 24	2/02/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1020	Steady	0.1	0.1	0.50 - 1.00	ɔcation destroye	0.97
WS126	Visit 1	22/02/2022	0.4	0.4	0.0004	1.0	1.0	0.001	18	1008	Rising	0.1	0.1	0.60 - 1.60	2.20	1.15
WS126	Visit 2	14/03/2022	0.4	0.4	0.0004	1.0	1.0	0.001	19.5	1019	Falling	0.1	0.1	0.60 - 1.60	2.20	Dry
WS126	Visit 3	21/03/2022	0.4	0.4	0.0004	0.7	0.7	0.0007	18.9	1024	Rising	0.1	0.1	0.60 - 1.60	2.25	Dry
WS126	Visit 4	30/03/2022	0.4	0.4	0.0004	0.1	0.1	0.0001	19.7	1006	Steady	0.1	0.1	0.60 - 1.60	2.24	Dry
WS126	Visit 5	19/04/2022	0.4	0.4	0.0004	0.1	0.1	0.0001	20	1017	Falling	0.1	0.1	0.60 - 1.60	2.25	Dry
WS126	Visit 6	5/05/2022	0.4	0.4	0.0004	0.1	0.1	0.0001	18.7	1019	Steady	0.1	0.1	0.60 - 1.60	2.24	Dry
WS126	Visit 7	16/05/2022	0.4	0.4	0.0004	0.1	0.1	0.0001	19.9	1011	Steady	0.1	0.1	0.60 - 1.60	2.25	1.30
WS126	Visit 8	31/05/2022	0.4	0.4	0.0004	0.1	0.1	0.0001	20.2	1008	Steady	0.1	0.1	0.60 - 1.60	2.25	1.15
WS126	Visit 9	15/06/2022	0.4	0.4	0.0004	0.1	0.1	0.0001	20.3	1017	Steady	0.1	0.1	0.60 - 1.60	2.25	Dry
WS126	Visit 10	5/07/2022	0.4	0.4	0.0016	0.1	0.1	0.0004	18.6	1019	Rising	0.4	0.1	0.60 - 1.60	2.23	Dry
WS126	Visit 11	1/08/2022	0.4	0.4	0.0016	0.1	0.1	0.0004	20.6	1020	Falling	0.4	0.1	0.60 - 1.60	2.25	Dry
WS126	Visit 12	10/08/2022	0.4	0.4	0.0016	0.1	0.1	0.0004	20.7	1028	Falling	0.4	0.1	0.60 - 1.60	2.25	Dry
WS126	Visit 13	18/08/2022	0.4	0.4	0.0016	0.1	0.1	0.0004	20.7	1010	Falling	0.4	0.1	0.60 - 1.60	2.25	Dry
WS126	Visit 14	1/09/2022	0.4	0.4	0.0016	0.1	0.1	0.0004	20.7	1020	Falling	0.4	0.1	0.60 - 1.60	2.25	Dry
WS126	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1008	Steady	0.1	0.1	0.60 - 1.60	2.25	Dry
WS126	Visit 16	4/10/2022	0.4	0.4	0.0016	0.1	0.1	0.0004	18.1	1006	Falling	0.4	0.1	0.60 - 1.60	2.25	Dry
WS126	Visit 17	17/10/2022	0.4	0.4	0.0016	0.1	0.1	0.0004	20.1	1013	Rising	0.4	0.1	0.60 - 1.60	2.25	Dry
WS126	Visit 18	3/11/2022	0.4	0.4	0.0016	3.2	3.2	0.0128	16.8	994	Falling	0.4	0.1	0.60 - 1.60	2.20	Dry
WS126	Visit 19	14/11/2022	0.4	0.4	0.0016	0.1	0.1	0.0004	20.1	1008	Falling	0.4	0.1	0.60 - 1.60	2.25	Dry
WS126	Visit 20	6/12/2022	0.4	0.4	0.0016	0.1	0.1	0.0004	19.5	1021	Steady	0.4	0.4	0.60 - 1.60	2.23	Dry
WS126	Visit 21	19/12/2022	0.4	0.4	0.0016	0.1	0.1	0.0004	20.1	994	Falling	0.4	0.4	0.60 - 1.60	2.25	Dry
WS126	Visit 22	28/12/2022	0.4	0.4	0.0016	0.1	0.1	0.0004	19.8	993	Falling	0.4	0.4	0.60 - 1.60	2.25	Dry
WS126	Visit 23	18/01/2023	0.4	0.4	0.0016	2.1	2.1	0.0084	18.2	993	Rising	0.4	0.4	0.60 - 1.60	2.23	1.35
WS126	Visit 24	2/02/2023	0.4	0.4	0.0016	1.7	1.7	0.0068	19	1020	Steady	0.4	0.4	0.60 - 1.60	2.23	1.43
WS128	Visit 1	22/02/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.2	1010	Rising	0.1	0.1	1.00-3.00	2.80	1.20
WS128	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.5	1018	Falling	0.1	0.1	1.00-3.00	2.88	1.58
WS128	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19	1023	Rising	0.1	0.1	1.00-3.00	2.85	1.80
WS128	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1008	Steady	0.1	0.1	1.00-3.00	2.87	1.58
WS128	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1017	Falling	0.1	0.1	1.00-3.00	2.85	2.10
WS128	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.6	1019	Steady	0.1	0.1	1.00-3.00	2.87	1.80
WS128	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1011	Steady	0.1	0.1	1.00-3.00	2.85	1.85
WS128	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1009	Steady	0.1	0.1	1.00-3.00	2.85	1.80
WS128	Visit 9	15/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.4	1017	Steady	0.1	0.1	1.00-3.00	2.85	2.10
WS128	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.6	1019	Rising	0.1	0.1	1.00-3.00	2.85	1.85
WS128	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1018	Falling	0.1	0.1	1.00-3.00	2.85	2.20
WS128	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1027	Falling	0.1	0.1	1.00-3.00	2.85	Dry
WS128	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1010	Falling	0.1	0.1	1.00-3.00	2.85	Dry
WS128	Visit 14	1/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1020	Falling	0.1	0.1	1.00-3.00	2.85	Dry
WS128	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1009	Steady	0.1	0.1	1.00-3.00	2.90	Dry
WS128	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1007	Falling	0.1	0.1	1.00-3.00	2.87	1.50
WS128	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1013	Rising	0.1	0.1	1.00-3.00	2.90	1.85
WS128	Visit 18	3/11/2022	0.1	0.1	0.0001	1.5	1.5	0.0015	18.7	995	Falling	0.1	0.1	1.00-3.00	2.90	1.35
WS128	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1008	Falling	0.1	0.1	1.00-3.00	2.90	1.85
WS128	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.5	1022	Steady	0.1	0.1	1.00-3.00	2.88	1.57
WS128	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	994	Falling	0.1	0.1	1.00-3.00	2.90	2.10
WS128	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.8	993	Falling	0.1	0.1	1.00-3.00	2.90	1.95
WS128	Visit 23	18/01/2023	0.1	0.1	0.0001	0.9	0.9	0.0009	19.2	993	Rising	0.1	0.1	1.00-3.00	2.88	1.46
WS128	Visit 24	2/02/2023	0.1	0.1	0.0001	1.1	1.0	0.0011	19.1	1020	Steady	0.1	0.1	1.00-3.00	2.88	1.60

WELL	VISIT NUMBER	DATE	CH_4 PEAK (%V/V)	CH_4 STEADY (%V/V)	CH_4 GSV (l/hr)	CO_2 PEAK (%V/V)	CO_2 STEADY (%V/V)	CO_2 GSV (l/hr)	O_2 (%V/V)	ATMOS (mb)	ATMOS. DYNAMIC	PEAK FLOW (l/hr)	STEADY FLOW (l/hr)	RESPONSE ZONE (m bgl)	DEPTH TO BASE (m bgl)	DEPTH TO WATER (m bgl)
WS129	Visit 1	Monitoring Well Destroyed.														
WS130	Visit 1	22/02/2022	Monitoring Well Damaged and Repaired for Following Visit											1.00- 3.00	-	-
WS130	Visit 2	15/02/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1018	Falling	0.1	0.1	1.00- 3.00	2.70	1.63
WS130	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1023	Steady	0.1	0.1	1.00- 3.00	2.68	1.95
WS130	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1008	Steady	0.1	0.1	1.00- 3.00	2.70	1.70
WS130	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1018	Steady	0.1	0.1	1.00- 3.00	2.68	2.10
WS130	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.6	1019	Steady	0.1	0.1	1.00- 3.00	2.70	1.87
WS130	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1011	Steady	0.1	0.1	1.00- 3.00	2.70	2.00
WS130	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1009	Steady	0.1	0.1	1.00- 3.00	2.70	1.80
WS130	Visit 9	15/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1017	Steady	0.1	0.1	1.00- 3.00	2.69	2.00
WS130	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.6	1020	Rising	0.1	0.1	1.00- 3.00	2.70	2.13
WS130	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1019	Falling	0.1	0.1	1.00- 3.00	2.70	Dry
WS130	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1027	Falling	0.1	0.1	1.00- 3.00	2.70	Dry
WS130	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1010	Falling	0.1	0.1	1.00- 3.00	2.70	Dry
WS130	Visit 14	1/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1020	Falling	0.1	0.1	1.00- 3.00	2.70	Dry
WS130	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1010	Steady	0.1	0.1	1.00- 3.00	2.65	Dry
WS130	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1006	Falling	0.1	0.1	1.00- 3.00	2.65	Dry
WS130	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1013	Rising	0.1	0.1	1.00- 3.00	2.65	Dry
WS130	Visit 18	3/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	995	Falling	0.1	0.1	1.00- 3.00	2.65	2.10
WS130	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1008	Falling	0.1	0.1	1.00- 3.00	2.64	Dry
WS130	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.5	1022	Steady	0.1	0.1	1.00- 3.00	2.65	Dry
WS130	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	994	Falling	0.1	0.1	1.00- 3.00	2.65	Dry
WS130	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.8	993	Falling	0.1	0.1	1.00- 3.00	2.64	Dry
WS130	Visit 23	18/01/2023	0.1	0.1	0.0001	0.9	0.9	0.0009	19.1	992	Rising	0.1	0.1	1.00- 3.00	2.64	2.00
WS130	Visit 24	2/02/2023	0.1	0.1	0.0001	1.0	0.9	0.001	19.1	1020	Steady	0.1	0.1	1.00- 3.00	1.75	2.08
WS132	Visit 1	22/02/2022	0.1	0.1	0.0001	0.4	0.2	0.0004	18.8	1010	Rising	0.1	0.1	1.00 - 4.00	1.75	1.35
WS132	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1019	Falling	0.1	0.1	1.00 - 4.00	1.85	1.92
WS132	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1023	Rising	0.1	0.1	1.00 - 4.00	1.86	2.25
WS132	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1006	Steady	0.1	0.1	1.00 - 4.00	1.85	2.40
WS132	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1018	Falling	0.1	0.1	1.00 - 4.00	1.86	2.80
WS132	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.7	1019	Steady	0.1	0.1	1.00 - 4.00	1.85	2.66
WS132	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1011	Steady	0.1	0.1	1.00 - 4.00	1.85	2.50
WS132	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1008	Steady	0.1	0.1	1.00 - 4.00	1.85	2.30
WS132	Visit 9	15/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.4	1017	Steady	0.1	0.1	1.00 - 4.00	1.85	2.30
WS132	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.6	1020	Rising	0.1	0.1	1.00 - 4.00	1.85	3.02
WS132	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1019	Falling	0.1	0.1	1.00 - 4.00	1.85	3.50
WS132	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1027	Falling	0.1	0.1	1.00 - 4.00	1.85	3.65
WS132	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1010	Falling	0.1	0.1	1.00 - 4.00	1.85	3.75
WS132	Visit 14	1/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1021	Falling	0.1	0.1	1.00 - 4.00	1.85	3.80
WS132	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1007	Steady	0.1	0.1	1.00 - 4.00	1.79	Dry
WS132	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1006	Falling	0.1	0.1	1.00 - 4.00	1.80	3.02
WS132	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1012	Rising	0.1	0.1	1.00 - 4.00	1.72	3.45
WS132	Visit 18	3/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	994	Falling	0.1	0.1	1.00 - 4.00	1.80	2.00
WS132	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1007	Falling	0.1	0.1	1.00 - 4.00	1.70	3.70
WS132	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.5	1022	Steady	0.1	0.1	1.00 - 4.00	1.80	2.55
WS132	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	993	Falling	0.1	0.1	1.00 - 4.00	1.80	Dry
WS132	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.8	993	Falling	0.1	0.1	1.00 - 4.00	1.70	Dry
WS132	Visit 23	18/01/2023	0.1	0.1	0.0001	1.0	1.0	0.001	18.6	994	Rising	0.1	0.1	1.00 - 4.00	1.70	1.52
WS132	Visit 24	2/02/2023	0.1	0.1	0.0001	1.2	1.2	0.0012	19	1020	Steady	0.1	0.1	1.00 - 4.00	2.55	2.15
WS133	Visit 1	23/02/2022	0.1	0.1	0.0001	2.3	2.2	0.0023	13.4	1007	Falling	0.1	0.1	0.50 - 3.90	2.55	1.40
WS133	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.7	1019	Rising	0.1	0.1	0.50 - 3.90	2.70	0.92
WS133	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1023	Steady	0.1	0.1	0.50 - 3.90	2.69	1.00
WS133	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1005	Falling	0.1	0.1	0.50 - 3.90	2.70	1.55
WS133	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1018	Steady	0.1	0.1	0.50 - 3.90	2.69	1.55
WS133	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1018	Steady	0.1	0.1	0.50 - 3.90	2.70	Dry

WELL	VISIT NUMBER	DATE	CH_4 PEAK (%V/V)	CH_4 STEADY (%V/V)	CH_4 GSV (l/hr)	CO_2 PEAK (%V/V)	CO_2 STEADY (%V/V)	CO_2 GSV (l/hr)	O_2 (%V/V)	ATMOS (mb)	ATMOS. DYNAMIC	PEAK FLOW (l/hr)	STEADY FLOW (l/hr)	RESPONSE ZONE (m bgl)	DEPTH TO BASE (m bgl)	DEPTH TO WATER (m bgl)
WS133	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1012	Steady	0.1	0.1	0.50 - 3.90	2.70	1.25
WS133	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1009	Steady	0.1	0.1	0.50 - 3.90	2.70	1.35
WS133	Visit 9	16/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1021	Steady	0.1	0.1	0.50 - 3.90	2.70	Dry
WS133	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.5	1018	Rising	0.1	0.1	0.50 - 3.90	2.70	Dry
WS133	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1020	Falling	0.1	0.1	0.50 - 3.90	2.70	Dry
WS133	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1028	Falling	0.1	0.1	0.50 - 3.90	2.70	Dry
WS133	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1011	Falling	0.1	0.1	0.50 - 3.90	2.70	Dry
WS133	Visit 14	1/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1021	Falling	0.1	0.1	0.50 - 3.90	2.75	Dry
WS133	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1009	Steady	0.1	0.1	0.50 - 3.90	2.70	Dry
WS133	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1006	Falling	0.1	0.1	0.50 - 3.90	2.70	1.43
WS133	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1011	Rising	0.1	0.1	0.50 - 3.90	2.70	1.55
WS133	Visit 18	3/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	994	Falling	0.1	0.1	0.50 - 3.90	2.70	1.00
WS133	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1006	Falling	0.1	0.1	0.50 - 3.90	2.70	Dry
WS133	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1006	Steady	0.1	0.1	0.50 - 3.90	2.70	1.48
WS133	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1006	Falling	0.1	0.1	0.50 - 3.90	2.70	Dry
WS133	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.8	1006	Falling	0.1	0.1	0.50 - 3.90	2.70	Dry
WS133	Visit 23	18/01/2023	0.1	0.1	0.0001	0.2	0.2	0.0002	20	1006	Rising	0.1	0.1	0.50 - 3.90	2.70	0.86
WS133	Visit 24	2/02/2023	0.1	0.1	0.0001	0.2	0.1	0.0002	20.3	1006	Steady	0.1	0.1	0.50 - 3.90	2.70	1.17
WS135	Visit 1	22/02/2022	Monitoring Well Flooded											0.50 - 3.00	-	-
WS135	Visit 2	15/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.7	1019	Falling	0.1	0.1	0.50 - 3.00	2.20	0.55
WS135	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1023	Steady	0.1	0.1	0.50 - 3.00	2.25	0.75
WS135	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.7	1005	Steady	0.1	0.1	0.50 - 3.00	2.24	0.80
WS135	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1019	Steady	0.1	0.1	0.50 - 3.00	2.25	1.10
WS135	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1018	Steady	0.1	0.1	0.50 - 3.00	2.24	1.00
WS135	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1012	Steady	0.1	0.1	0.50 - 3.00	2.25	0.85
WS135	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1008	Steady	0.1	0.1	0.50 - 3.00	2.25	0.70
WS135	Visit 9	16/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1020	Steady	0.1	0.1	0.50 - 3.00	2.25	1.05
WS135	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.5	1018	Rising	0.1	0.1	0.50 - 3.00	2.23	Dry
WS135	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1019	Falling	0.1	0.1	0.50 - 3.00	2.25	Dry
WS135	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1027	Falling	0.1	0.1	0.50 - 3.00	2.25	Dry
WS135	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1011	Falling	0.1	0.1	0.50 - 3.00	2.25	Dry
WS135	Visit 14	1/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1021	Falling	0.1	0.1	0.50 - 3.00	2.25	Dry
WS135	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1009	Steady	0.1	0.1	0.50 - 3.00	2.25	dry
WS135	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1006	Falling	0.1	0.1	0.50 - 3.00	2.25	Dry
WS135	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1011	Rising	0.1	0.1	0.50 - 3.00	2.25	Dry
WS135	Visit 18	3/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	995	Falling	0.1	0.1	0.50 - 3.00	2.20	Dry
WS135	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1006	Falling	0.1	0.1	0.50 - 3.00	2.25	Dry
WS135	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.7	1020	Steady	0.1	0.1	0.50 - 3.00	2.23	Dry
WS135	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	992	Falling	0.1	0.1	0.50 - 3.00	2.25	Dry
WS135	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.8	992	Falling	0.1	0.1	0.50 - 3.00	2.25	Dry
WS135	Visit 23	18/01/2023	0.1	0.1	0.0001	0.2	0.2	0.0002	20	993	Rising	0.1	0.1	0.50 - 3.00	2.23	1.14
WS135	Visit 24	2/02/2023	0.1	0.1	0.0001	0.2	0.1	0.0002	20.3	1020	Steady	0.1	0.1	0.50 - 3.00	2.23	1.20
WS136	Visit 1	22/02/2022	Monitoring Well Flooded.											0.50 - 3.50	-	-
WS136	Visit 2	15/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.7	1020	Falling	0.1	0.1	0.50 - 3.50	2.88	1.60
WS136	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1022	Steady	0.1	0.1	0.50 - 3.50	2.85	1.60
WS136	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1006	Steady	0.1	0.1	0.50 - 3.50	2.87	1.90
WS136	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1019	Steady	0.1	0.1	0.50 - 3.50	2.85	2.40
WS136	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.7	1018	Steady	0.1	0.1	0.50 - 3.50	2.87	2.70
WS136	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1011	Steady	0.1	0.1	0.50 - 3.50	2.85	2.15
WS136	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1008	Steady	0.1	0.1	0.50 - 3.50	2.85	1.90
WS136	Visit 9	15/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1017	Steady	0.1	0.1	0.50 - 3.50	2.85	2.50
WS136	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.6	1020	Rising	0.1	0.1	0.50 - 3.50	2.85	2.98
WS136	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1019	Falling	0.1	0.1	0.50 - 3.50	2.85	Dry
WS136	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1027	Falling	0.1	0.1	0.50 - 3.50	2.85	Dry
WS136	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1011	Falling	0.1	0.1	0.50 - 3.50	2.85	Dry
WS136	Visit 14	1/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1021	Falling	0.1	0.1	0.50 - 3.50	2.85	Dry
WS136	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1009	Steady	0.1	0.1	0.50 - 3.50	2.90	Dry

WELL	VISIT NUMBER	DATE	CH_4 PEAK (%V/V)	CH_4 STEADY (%V/V)	CH_4 GSV (l/hr)	CO_2 PEAK (%V/V)	CO_2 STEADY (%V/V)	CO_2 GSV (l/hr)	O_2 (%V/V)	ATMOS (mb)	ATMOS. DYNAMIC	PEAK FLOW (l/hr)	STEADY FLOW (l/hr)	RESPONSE ZONE (m bgl)	DEPTH TO BASE (m bgl)	DEPTH TO WATER (m bgl)
WS136	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1006	Falling	0.1	0.1	0.50 - 3.50	2.87	2.75
WS136	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1013	Rising	0.1	0.1	0.50 - 3.50	2.90	2.95
WS136	Visit 18	3/11/2022	0.1	0.1	0.0001	0.8	0.5	0.0008	19.8	995	Falling	0.1	0.1	0.50 - 3.50	2.90	1.02
WS136	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1008	Falling	0.1	0.1	0.50 - 3.50	2.90	3.00
WS136	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.5	1020	Steady	0.1	0.1	0.50 - 3.50	2.88	1.97
WS136	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	995	Falling	0.1	0.1	0.50 - 3.50	2.90	Dry
WS136	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	994	Falling	0.1	0.1	0.50 - 3.50	2.90	Dry
WS136	Visit 23	18/01/2023	0.1	0.1	0.0001	0.4	0.2	0.0004	20	993	Rising	0.1	0.1	0.50 - 3.50	2.88	0.87
WS136	Visit 24	2/02/2023	0.1	0.1	0.0001	0.4	0.2	0.0004	20.2	1020	Steady	0.1	0.1	0.50 - 3.50	2.88	1.46
WS137	Visit 1	23/02/2022	0.1	0.1	0.0001	1.6	1.3	0.0016	16.5	1012	Falling	0.1	0.1	2.00 - 3.00	2.60	2.10
WS137	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.7	1018	Rising	0.1	0.1	2.00 - 3.00	2.70	2.08
WS137	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1022	Steady	0.1	0.1	2.00 - 3.00	2.70	2.20
WS137	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1006	Falling	0.1	0.1	2.00 - 3.00	2.68	2.10
WS137	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1018	Steady	0.1	0.1	2.00 - 3.00	2.70	2.20
WS137	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1018	Steady	0.1	0.1	2.00 - 3.00	2.68	2.12
WS137	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1012	Steady	0.1	0.1	2.00 - 3.00	2.70	2.00
WS137	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1010	Steady	0.1	0.1	2.00 - 3.00	2.70	2.15
WS137	Visit 9	16/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1020	Steady	0.1	0.1	2.00 - 3.00	2.70	2.25
WS137	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.5	1019	Rising	0.1	0.1	2.00 - 3.00	2.69	Dry
WS137	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1019	Falling	0.1	0.1	2.00 - 3.00	2.70	Dry
WS137	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1027	Falling	0.1	0.1	2.00 - 3.00	2.70	Dry
WS137	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1011	Falling	0.1	0.1	2.00 - 3.00	2.70	Dry
WS137	Visit 14	1/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1022	Falling	0.1	0.1	2.00 - 3.00	2.70	Dry
WS137	Visit 15	20/09/2022	Unable to access location											2.00 - 3.00	-	-
WS137	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1006	Falling	0.1	0.1	2.00 - 3.00	2.65	2.02
WS137	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1012	Rising	0.1	0.1	2.00 - 3.00	2.65	2.05
WS137	Visit 18	3/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	994	Falling	0.1	0.1	2.00 - 3.00	2.65	1.83
WS137	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1007	Falling	0.1	0.1	2.00 - 3.00	2.65	2.10
WS137	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1020	Steady	0.1	0.1	2.00 - 3.00	2.64	2.04
WS137	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	993	Falling	0.1	0.1	2.00 - 3.00	2.65	2.05
WS137	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.8	992	Falling	0.1	0.1	2.00 - 3.00	2.65	2.00
WS137	Visit 23	18/01/2023	0.1	0.1	0.0031	0.4	0.2	0.0124	20.1	994	Rising	3.1	0.1	2.00 - 3.00	2.64	0.95
WS137	Visit 24	2/02/2023	0.1	0.1	0.0001	0.5	0.1	0.0005	20.3	1020	Steady	0.1	0.1	2.00 - 3.00	2.64	1.21
WS138	Visit 1	22/02/2022	0.1	0.1	0.0253	1.4	1.4	0.3542	15.7	1006	Rising	25.3	0.1	1.00 - 4.00	1.75	1.20
WS138	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.7	1019	Falling	0.1	0.1	1.00 - 4.00	1.75	1.05
WS138	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1024	Rising	0.1	0.1	1.00 - 4.00	1.85	1.40
WS138	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.7	1006	Steady	0.1	0.1	1.00 - 4.00	1.86	1.11
WS138	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1017	Falling	0.1	0.1	1.00 - 4.00	1.85	1.85
WS138	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.7	1018	Steady	0.1	0.1	1.00 - 4.00	1.86	1.15
WS138	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1011	Steady	0.1	0.1	1.00 - 4.00	1.85	1.50
WS138	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1008	Steady	0.1	0.1	1.00 - 4.00	1.85	1.70
WS138	Visit 9	15/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.4	1017	Steady	0.1	0.1	1.00 - 4.00	1.85	2.10
WS138	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.6	1019	Rising	0.1	0.1	1.00 - 4.00	1.85	2.00
WS138	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1018	Falling	0.1	0.1	1.00 - 4.00	1.85	Dry
WS138	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1026	Falling	0.1	0.1	1.00 - 4.00	1.85	Dry
WS138	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.8	1010	Falling	0.1	0.1	1.00 - 4.00	1.85	Dry
WS138	Visit 14	1/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1020	Falling	0.1	0.1	1.00 - 4.00	1.85	Dry
WS138	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1006	Steady	0.1	0.1	1.00 - 4.00	1.85	Dry
WS138	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1006	Falling	0.1	0.1	1.00 - 4.00	1.79	Dry
WS138	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1013	Rising	0.1	0.1	1.00 - 4.00	1.80	Dry
WS138	Visit 18	3/11/2022	0.1	0.1	0.0001	0.3	0.2	0.0003	20	995	Falling	0.1	0.1	1.00 - 4.00	1.72	2.00
WS138	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1008	Falling	0.1	0.1	1.00 - 4.00	1.80	Dry
WS138	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1021	Steady	0.1	0.1	1.00 - 4.00	1.70	Dry
WS138	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	995	Falling	0.1	0.1	1.00 - 4.00	1.80	Dry
WS138	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	994	Falling	0.1	0.1	1.00 - 4.00	1.80	Dry
WS138	Visit 23	18/01/2023	0.1	0.1	0.0001	0.2	0.1	0.0002	20.1	993	Rising	0.1	0.1	1.00 - 4.00	1.70	1.78
WS138	Visit 24	2/02/2023	0.1	0.1	0.0001	0.3	0.1	0.0003	20.2	1020	Steady	0.1	0.1	1.00 - 4.00	1.70	1.97
WS140	Visit 1	22/02/2022	0.1	0.1	0.0001	0.3	0.3	0.0003	18.6	1006	Rising	0.1	0.1	1.00 - 3.00	2.55	2.05

WELL	VISIT NUMBER	DATE	CH_4 PEAK (%V/V)	CH_4 STEADY (%V/V)	CH_4 GSV (l/hr)	CO_2 PEAK (%V/V)	CO_2 STEADY (%V/V)	CO_2 GSV (l/hr)	O_2 (%V/V)	ATMOS (mb)	ATMOS. DYNAMIC	PEAK FLOW (l/hr)	STEADY FLOW (l/hr)	RESPONSE ZONE (m bgl)	DEPTH TO BASE (m bgl)	DEPTH TO WATER (m bgl)
WS140	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.4	1019	Falling	0.1	0.1	1.00 - 3.00	2.55	2.53
WS140	Visit 3	21/03/2022	0.1	0.1	-0.0003	0.1	0.1	-0.0003	18.9	1024	Rising	-0.3	0.1	1.00 - 3.00	2.70	2.70
WS140	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1006	Steady	0.1	0.1	1.00 - 3.00	2.69	2.57
WS140	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1017	Falling	0.1	0.1	1.00 - 3.00	2.70	2.85
WS140	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.7	1018	Steady	0.1	0.1	1.00 - 3.00	2.69	2.78
WS140	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1011	Steady	0.1	0.1	1.00 - 3.00	2.70	2.50
WS140	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1008	Steady	0.1	0.1	1.00 - 3.00	2.70	2.70
WS140	Visit 9	15/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.4	1017	Steady	0.1	0.1	1.00 - 3.00	2.70	Dry
WS140	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.6	1018	Rising	0.1	0.1	1.00 - 3.00	2.70	2.92
WS140	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1018	Falling	0.1	0.1	1.00 - 3.00	2.70	2.80
WS140	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1026	Falling	0.1	0.1	1.00 - 3.00	2.70	2.75
WS140	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1010	Falling	0.1	0.1	1.00 - 3.00	2.70	2.70
WS140	Visit 14	1/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1020	Falling	0.1	0.1	1.00 - 3.00	2.70	2.80
WS140	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1006	Steady	0.1	0.1	1.00 - 3.00	2.75	Dry
WS140	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1006	Falling	0.1	0.1	1.00 - 3.00	2.70	2.87
WS140	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1013	Rising	0.1	0.1	1.00 - 3.00	2.70	Dry
WS140	Visit 18	3/11/2022	0.1	0.1	0.0001	0.8	0.8	0.0008	16	994	Falling	0.1	0.1	1.00 - 3.00	2.70	2.69
WS140	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1008	Falling	0.1	0.1	1.00 - 3.00	2.70	Dry
WS140	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1021	Steady	0.1	0.1	1.00 - 3.00	2.70	2.73
WS140	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	995	Falling	0.1	0.1	1.00 - 3.00	2.70	Dry
WS140	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	994	Falling	0.1	0.1	1.00 - 3.00	2.70	Dry
WS140	Visit 23	18/01/2023	0.1	0.1	0.0001	0.6	0.6	0.0006	19	993	Rising	0.1	0.1	1.00 - 3.00	2.70	2.34
WS140	Visit 24	2/02/2023	0.1	0.1	0.0001	0.6	0.6	0.0006	19.4	1020	Steady	0.1	0.1	1.00 - 3.00	2.70	2.63
WS141	Visit 1	22/02/2022	Monitoring Well Damaged, Repaired for Following Visit.											1.00 - 3.00	-	-
WS141	Visit 2	15/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1018	Falling	0.1	0.1	1.00 - 3.00	2.20	1.58
WS141	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1022	Steady	0.1	0.1	1.00 - 3.00	2.20	1.90
WS141	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1006	Steady	0.1	0.1	1.00 - 3.00	2.25	1.90
WS141	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1019	Steady	0.1	0.1	1.00 - 3.00	2.24	2.35
WS141	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1018	Steady	0.1	0.1	1.00 - 3.00	2.25	2.55
WS141	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1012	Steady	0.1	0.1	1.00 - 3.00	2.24	2.20
WS141	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1009	Steady	0.1	0.1	1.00 - 3.00	2.25	2.40
WS141	Visit 9	16/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1020	Steady	0.1	0.1	1.00 - 3.00	2.25	2.40
WS141	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.5	1019	Rising	0.1	0.1	1.00 - 3.00	2.25	2.52
WS141	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1018	Falling	0.1	0.1	1.00 - 3.00	2.23	2.75
WS141	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1027	Falling	0.1	0.1	1.00 - 3.00	2.25	2.60
WS141	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1010	Falling	0.1	0.1	1.00 - 3.00	2.25	2.75
WS141	Visit 14	1/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1020	Falling	0.1	0.1	1.00 - 3.00	2.25	2.80
WS141	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1007	Steady	0.1	0.1	1.00 - 3.00	2.25	dry
WS141	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1006	Falling	0.1	0.1	1.00 - 3.00	2.25	2.62
WS141	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1013	Rising	0.1	0.1	1.00 - 3.00	2.25	2.80
WS141	Visit 18	3/11/2022	0.1	0.1	0.0001	2.4	2.4	0.0024	18.4	994	Falling	0.1	0.1	1.00 - 3.00	2.25	1.92
WS141	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1008	Falling	0.1	0.1	1.00 - 3.00	2.20	2.90
WS141	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1020	Steady	0.1	0.1	1.00 - 3.00	2.25	2.00
WS141	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	995	Falling	0.1	0.1	1.00 - 3.00	2.23	Dry
WS141	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.8	994	Falling	0.1	0.1	1.00 - 3.00	2.25	Dry
WS141	Visit 23	18/01/2023	0.1	0.1	0.0001	1.6	1.6	0.0016	18.3	994	Rising	0.1	0.1	1.00 - 3.00	2.25	1.65
WS141	Visit 24	2/02/2023	0.1	0.1	0.0001	2.2	2.2	0.0022	18.6	1020	Steady	0.1	0.1	1.00 - 3.00	2.23	1.90
WS142	Visit 1	22/02/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.2	1007	Rising	0.1	0.1	1.00 - 3.00	2.23	1.30
WS142	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.5	1019	Falling	0.1	0.1	1.00 - 3.00	2.80	1.67
WS142	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1024	Rising	0.1	0.1	1.00 - 3.00	2.88	1.90
WS142	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.7	1006	Steady	0.1	0.1	1.00 - 3.00	2.85	1.81
WS142	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1017	Falling	0.1	0.1	1.00 - 3.00	2.87	2.25
WS142	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.7	1019	Steady	0.1	0.1	1.00 - 3.00	2.85	1.94
WS142	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1011	Steady	0.1	0.1	1.00 - 3.00	2.87	2.00
WS142	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1008	Steady	0.1	0.1	1.00 - 3.00	2.85	1.80
WS142	Visit 9	15/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.4	1017	Steady	0.1	0.1	1.00 - 3.00	2.85	2.10
WS142	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.6	1019	Rising	0.1	0.1	1.00 - 3.00	2.85	1.98

WELL	VISIT NUMBER	DATE	CH_4 PEAK (%V/V)	CH_4 STEADY (%V/V)	CH_4 GSV (l/hr)	CO_2 PEAK (%V/V)	CO_2 STEADY (%V/V)	CO_2 GSV (l/hr)	O_2 (%V/V)	ATMOS (mb)	ATMOS. DYNAMIC	PEAK FLOW (l/hr)	STEADY FLOW (l/hr)	RESPONSE ZONE (m bgl)	DEPTH TO BASE (m bgl)	DEPTH TO WATER (m bgl)
WS142	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1018	Falling	0.1	0.1	1.00 - 3.00	2.85	2.25
WS142	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1027	Falling	0.1	0.1	1.00 - 3.00	2.85	2.10
WS142	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.8	1010	Falling	0.1	0.1	1.00 - 3.00	2.85	2.20
WS142	Visit 14	1/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1020	Falling	0.1	0.1	1.00 - 3.00	2.85	2.30
WS142	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1008	Steady	0.1	0.1	1.00 - 3.00	2.85	Dry
WS142	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1006	Falling	0.1	0.1	1.00 - 3.00	2.90	1.75
WS142	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1013	Rising	0.1	0.1	1.00 - 3.00	2.87	2.05
WS142	Visit 18	3/11/2022	0.1	0.1	0.0001	1.1	1.0	0.0011	19.2	994	Falling	0.1	0.1	1.00 - 3.00	2.90	1.75
WS142	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1008	Falling	0.1	0.1	1.00 - 3.00	2.90	2.20
WS142	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.5	1021	Steady	0.1	0.1	1.00 - 3.00	2.90	1.72
WS142	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	995	Falling	0.1	0.1	1.00 - 3.00	2.88	Dry
WS142	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	994	Falling	0.1	0.1	1.00 - 3.00	2.90	Dry
WS142	Visit 23	18/01/2023	0.1	0.1	0.0001	0.8	0.8	0.0008	19.4	993	Rising	0.1	0.1	1.00 - 3.00	2.90	1.41
WS142	Visit 24	2/02/2023	0.1	0.1	0.0001	0.5	0.5	0.0005	19.9	1020	Steady	0.1	0.1	1.00 - 3.00	2.88	1.68
WS144	Visit 1	22/02/2022	Unable to access location											1.00 - 3.00	-	-
WS144	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1020	Steady	0.1	0.1	1.00 - 3.00	2.60	2.09
WS144	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1021	Falling	0.1	0.1	1.00 - 3.00	2.70	2.25
WS144	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.7	1006	Steady	0.1	0.1	1.00 - 3.00	2.70	2.18
WS144	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1019	Steady	0.1	0.1	1.00 - 3.00	2.68	2.60
WS144	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1019	Steady	0.1	0.1	1.00 - 3.00	2.70	2.28
WS144	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1010	Steady	0.1	0.1	1.00 - 3.00	2.68	2.35
WS144	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1008	Steady	0.1	0.1	1.00 - 3.00	2.70	2.10
WS144	Visit 9	16/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1020	Steady	0.1	0.1	1.00 - 3.00	2.70	2.65
WS144	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.7	1020	Rising	0.1	0.1	1.00 - 3.00	2.70	2.37
WS144	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1021	Falling	0.1	0.1	1.00 - 3.00	2.69	2.70
WS144	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1030	Falling	0.1	0.1	1.00 - 3.00	2.70	2.70
WS144	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1013	Falling	0.1	0.1	1.00 - 3.00	2.70	2.70
WS144	Visit 14	1/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1023	Falling	0.1	0.1	1.00 - 3.00	2.70	2.70
WS144	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1008	Steady	0.1	0.1	1.00 - 3.00	2.70	Dry
WS144	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1007	Falling	0.1	0.1	1.00 - 3.00	2.70	2.12
WS144	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1009	Rising	0.1	0.1	1.00 - 3.00	2.65	2.50
WS144	Visit 18	3/11/2022	0.1	0.1	0.0001	0.8	0.8	0.0008	19.6	995	Falling	0.1	0.1	1.00 - 3.00	2.65	1.98
WS144	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1004	Falling	0.1	0.1	1.00 - 3.00	2.65	2.65
WS144	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.5	1022	Steady	0.1	0.1	1.00 - 3.00	2.65	2.10
WS144	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	991	Falling	0.1	0.1	1.00 - 3.00	2.64	Dry
WS144	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.8	995	Falling	0.1	0.1	1.00 - 3.00	2.65	Dry
WS144	Visit 23	18/01/2023	0.1	0.1	0.0001	0.7	0.7	0.0007	19.8	992	Rising	0.1	0.1	1.00 - 3.00	2.65	1.90
WS144	Visit 24	2/02/2023	0.1	0.1	0.0001	0.7	0.7	0.0007	20	1020	Steady	0.1	0.1	1.00 - 3.00	2.64	2.10
WS147	Visit 1	23/02/2022	0.1	0.1	0.0033	0.1	0.1	0.0033	18.1	1009	Falling	3.3	0.1	1.00 - 2.00	2.64	1.35
WS147	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.8	1018	Rising	0.1	0.1	1.00 - 2.00	1.75	1.28
WS147	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1022	Steady	0.1	0.1	1.00 - 2.00	1.75	1.40
WS147	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1006	Falling	0.1	0.1	1.00 - 2.00	1.85	1.07
WS147	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1018	Steady	0.1	0.1	1.00 - 2.00	1.86	1.25
WS147	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1018	Steady	0.1	0.1	1.00 - 2.00	1.85	1.26
WS147	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1012	Steady	0.1	0.1	1.00 - 2.00	1.86	1.20
WS147	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1010	Steady	0.1	0.1	1.00 - 2.00	1.85	1.35
WS147	Visit 9	16/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.4	1020	Steady	0.1	0.1	1.00 - 2.00	1.85	Dry
WS147	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.5	1020	Rising	0.1	0.1	1.00 - 2.00	1.85	1.35
WS147	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1019	Falling	0.1	0.1	1.00 - 2.00	1.85	1.10
WS147	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1028	Falling	0.1	0.1	1.00 - 2.00	1.85	1.10
WS147	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1011	Falling	0.1	0.1	1.00 - 2.00	1.85	1.25
WS147	Visit 14	1/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1022	Falling	0.1	0.1	1.00 - 2.00	1.85	1.45
WS147	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1008	Steady	0.1	0.1	1.00 - 2.00	1.85	Dry
WS147	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1005	Falling	0.1	0.1	1.00 - 2.00	1.85	1.31
WS147	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1012	Rising	0.1	0.1	1.00 - 2.00	1.79	1.45
WS147	Visit 18	3/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.4	994	Falling	0.1	0.1	1.00 - 2.00	1.80	1.25
WS147	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1007	Falling	0.1	0.1	1.00 - 2.00	1.72	1.05
WS147	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1020	Steady	0.1	0.1	1.00 - 2.00	1.80	1.34

WELL	VISIT NUMBER	DATE	CH_4 PEAK (%V/V)	CH_4 STEADY (%V/V)	CH_4 GSV (l/hr)	CO_2 PEAK (%V/V)	CO_2 STEADY (%V/V)	CO_2 GSV (l/hr)	O_2 (%V/V)	ATMOS (mb)	ATMOS. DYNAMIC	PEAK FLOW (l/hr)	STEADY FLOW (l/hr)	RESPONSE ZONE (m bgl)	DEPTH TO BASE (m bgl)	DEPTH TO WATER (m bgl)
WS147	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	994	Falling	0.1	0.1	1.00 - 2.00	1.70	1.30
WS147	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.8	992	Falling	0.1	0.1	1.00 - 2.00	1.80	1.20
WS147	Visit 23	18/01/2023	0.1	0.1	0.0079	0.1	0.1	0.0079	20.1	994	Rising	7.9	0.1	1.00 - 2.00	1.80	0.60
WS147	Visit 24	2/02/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1020	Steady	0.1	0.1	1.00 - 2.00	1.70	1.07
WS148	Visit 1	Unable to be located – Assumed Destroyed.														
WS149A	Visit 1	23/02/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.4	1008	Falling	0.1	0.1	0.50 - 1.00	2.55	Dry
WS149A	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1019	Rising	0.1	0.1	0.50 - 1.00	2.55	Dry
WS149A	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.7	1007	Steady	0.1	0.1	0.50 - 1.00	2.70	Dry
WS149A	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1007	Falling	0.1	0.1	0.50 - 1.00	2.69	Dry
WS149A	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1020	Steady	0.1	0.1	0.50 - 1.00	2.70	Dry
WS149A	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19	1018	Steady	0.1	0.1	0.50 - 1.00	2.69	Dry
WS149A	Visit 7	17/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1016	Steady	0.1	0.1	0.50 - 1.00	2.70	Dry
WS149A	Visit 8	1/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1015	Rising	0.1	0.1	0.50 - 1.00	2.70	Dry
WS149A	Visit 9	17/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1015	Steady	0.1	0.1	0.50 - 1.00	2.70	Dry
WS149A	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.7	1022	Rising	0.1	0.1	0.50 - 1.00	2.70	Dry
WS149A	Visit 11	2/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1011	Falling	0.1	0.1	0.50 - 1.00	2.70	Dry
WS149A	Visit 12	11/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.8	1021	Falling	0.1	0.1	0.50 - 1.00	2.70	Dry
WS149A	Visit 13	19/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1015	Rising	0.1	0.1	0.50 - 1.00	2.70	Dry
WS149A	Visit 14	6/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1016	Falling	0.1	0.1	0.50 - 1.00	2.70	Dry
WS149A	Visit 15	21/09/2022	Unable to Access Location											0.50 - 1.00	-	-
WS149A	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1006	Falling	0.1	0.1	0.50 - 1.00	2.70	Dry
WS149A	Visit 17	18/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1004	Rising	0.1	0.1	0.50 - 1.00	2.70	Dry
WS149A	Visit 18	3/11/2022	0.1	0.1	0.0001	0.8	0.8	0.0008	19.1	995	Falling	0.1	0.1	0.50 - 1.00	2.70	Dry
WS149A	Visit 19	15/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	989	Falling	0.1	0.1	0.50 - 1.00	2.70	Dry
WS149A	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.5	1021	Steady	0.1	0.1	0.50 - 1.00	2.70	Dry
WS149A	Visit 21	20/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1000	Rising	0.1	0.1	0.50 - 1.00	2.70	Dry
WS149A	Visit 22	29/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	998	Rising	0.1	0.1	0.50 - 1.00	2.70	Dry
WS149A	Visit 23	18/01/2023	0.1	0.1	0.0001	0.2	0.2	0.0002	20.1	993	Rising	0.1	0.1	0.50 - 1.00	2.70	Dry
WS149A	Visit 24	2/02/2023	0.1	0.1	0.0001	0.8	0.8	0.0008	19.7	1021	Steady	0.1	0.1	0.50 - 1.00	2.70	Dry
WS151	Visit 1	24/02/2022	0.1	0.1	0.0001	0.8	0.7	0.0008	17.8	999	Rising	0.1	0.1	1.00 - 2.00	2.20	1.25
WS151	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1020	Steady	0.1	0.1	1.00 - 2.00	2.20	1.62
WS151	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19	1021	Falling	0.1	0.1	1.00 - 2.00	2.20	1.85
WS151	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.7	1006	Steady	0.1	0.1	1.00 - 2.00	2.25	1.57
WS151	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1020	Steady	0.1	0.1	1.00 - 2.00	2.24	1.80
WS151	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.1	1018	Steady	0.1	0.1	1.00 - 2.00	2.25	1.63
WS151	Visit 7	17/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1016	Steady	0.1	0.1	1.00 - 2.00	2.24	1.70
WS151	Visit 8	1/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1015	Rising	0.1	0.1	1.00 - 2.00	2.25	1.80
WS151	Visit 9	17/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1015	Steady	0.1	0.1	1.00 - 2.00	2.25	1.45
WS151	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1020	Rising	0.1	0.1	1.00 - 2.00	2.25	1.68
WS151	Visit 11	2/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1011	Falling	0.1	0.1	1.00 - 2.00	2.23	1.75
WS151	Visit 12	11/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.8	1021	Falling	0.1	0.1	1.00 - 2.00	2.25	1.10
WS151	Visit 13	19/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1015	Rising	0.1	0.1	1.00 - 2.00	2.25	1.35
WS151	Visit 14	6/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1015	Falling	0.1	0.1	1.00 - 2.00	2.25	1.65
WS151	Visit 15	21/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1008	Falling	0.1	0.1	1.00 - 2.00	2.25	dry
WS151	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.2	1005	Falling	0.1	0.1	1.00 - 2.00	2.25	1.41
WS151	Visit 17	18/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1004	Rising	0.1	0.1	1.00 - 2.00	2.25	1.65
WS151	Visit 18	3/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	994	Falling	0.1	0.1	1.00 - 2.00	2.25	1.16
WS151	Visit 19	15/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	989	Falling	0.1	0.1	1.00 - 2.00	2.20	1.70
WS151	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1020	Steady	0.1	0.1	1.00 - 2.00	2.25	1.59
WS151	Visit 21	20/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1000	Rising	0.1	0.1	1.00 - 2.00	2.23	1.85
WS151	Visit 22	29/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	998	Rising	0.1	0.1	1.00 - 2.00	2.25	1.70
WS151	Visit 23	18/01/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	992	Rising	0.1	0.1	1.00 - 2.00	2.25	1.39
WS151	Visit 24	2/02/2023	0.1	0.1	0.0001	0.3	0.3	0.0003	20.1	1020	Steady	0.1	0.1	1.00 - 2.00	2.23	1.26
WS152	Visit 1	22/02/2022	Unable to Access Location											0.50- 2.50	-	-
WS152	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1020	Steady	0.1	0.1	0.50- 2.50	2.80	1.41

WELL	VISIT NUMBER	DATE	CH_4 PEAK (%V/V)	CH_4 STEADY (%V/V)	CH_4 GSV (l/hr)	CO_2 PEAK (%V/V)	CO_2 STEADY (%V/V)	CO_2 GSV (l/hr)	O_2 (%V/V)	ATMOS (mb)	ATMOS. DYNAMIC	PEAK FLOW (l/hr)	STEADY FLOW (l/hr)	RESPONSE ZONE (m bgl)	DEPTH TO BASE (m bgl)	DEPTH TO WATER (m bgl)
WS152	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1021	Falling	0.1	0.1	0.50- 2.50	2.88	1.75
WS152	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.7	1006	Steady	0.1	0.1	0.50- 2.50	2.85	1.58
WS152	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1019	Steady	0.1	0.1	0.50- 2.50	2.87	2.20
WS152	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19	1019	Steady	0.1	0.1	0.50- 2.50	2.85	1.99
WS152	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1010	Steady	0.1	0.1	0.50- 2.50	2.87	2.05
WS152	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1008	Steady	0.1	0.1	0.50- 2.50	2.85	1.75
WS152	Visit 9	16/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1020	Steady	0.1	0.1	0.50- 2.50	2.85	2.20
WS152	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.7	1020	Rising	0.1	0.1	0.50- 2.50	2.85	2.32
WS152	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1021	Falling	0.1	0.1	0.50- 2.50	2.85	2.60
WS152	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1030	Falling	0.1	0.1	0.50- 2.50	2.85	2.50
WS152	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1013	Falling	0.1	0.1	0.50- 2.50	2.85	2.35
WS152	Visit 14	1/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1023	Falling	0.1	0.1	0.50- 2.50	2.85	2.55
WS152	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1008	Steady	0.1	0.1	0.50- 2.50	2.85	Dry
WS152	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1007	Falling	0.1	0.1	0.50- 2.50	2.90	2.08
WS152	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1009	Rising	0.1	0.1	0.50- 2.50	2.87	2.40
WS152	Visit 18	3/11/2022	0.8	0.8	0.0008	4.8	4.8	0.0048	6.7	995	Falling	0.1	0.1	0.50- 2.50	2.90	1.55
WS152	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1004	Falling	0.1	0.1	0.50- 2.50	2.90	2.50
WS152	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.5	1021	Steady	0.1	0.1	0.50- 2.50	2.90	1.78
WS152	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	991	Falling	0.1	0.1	0.50- 2.50	2.88	Dry
WS152	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.8	995	Falling	0.1	0.1	0.50- 2.50	2.90	Dry
WS152	Visit 23	18/01/2023	0.1	0.1	0.0001	0.7	0.7	0.0007	19.8	992	Rising	0.1	0.1	0.50- 2.50	2.90	1.78
WS152	Visit 24	2/02/2023	0.1	0.1	0.0001	0.8	0.8	0.0008	19.5	1019	Steady	0.1	0.1	0.50- 2.50	2.88	1.43
WS153A	Visit 1	22/02/2022	0.1	0.1	0.0001	0.7	0.7	0.0007	18.9	999	Rising	0.1	0.1	0.50 - 1.00	2.88	0.50
WS153A	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1019	Falling	0.1	0.1	0.50 - 1.00	2.60	0.82
WS153A	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19	1021	Rising	0.1	0.1	0.50 - 1.00	2.70	Dry
WS153A	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.7	1006	Steady	0.1	0.1	0.50 - 1.00	2.70	Dry
WS153A	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1020	Falling	0.1	0.1	0.50 - 1.00	2.68	Dry
WS153A	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.1	1018	Steady	0.1	0.1	0.50 - 1.00	2.70	Dry
WS153A	Visit 7	17/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1016	Steady	0.1	0.1	0.50 - 1.00	2.68	Dry
WS153A	Visit 8	1/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1014	Rising	0.1	0.1	0.50 - 1.00	2.70	0.70
WS153A	Visit 9	17/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.4	1015	Steady	0.1	0.1	0.50 - 1.00	2.70	Dry
WS153A	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1020	Rising	0.1	0.1	0.50 - 1.00	2.70	Dry
WS153A	Visit 11	2/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.8	1011	Falling	0.1	0.1	0.50 - 1.00	2.69	Dry
WS153A	Visit 12	11/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.8	1021	Falling	0.1	0.1	0.50 - 1.00	2.70	Dry
WS153A	Visit 13	19/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1015	Rising	0.1	0.1	0.50 - 1.00	2.70	Dry
WS153A	Visit 14	6/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1015	Falling	0.1	0.1	0.50 - 1.00	2.70	Dry
WS153A	Visit 15	21/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1008	Falling	0.1	0	0.50 - 1.00	2.70	Dry
WS153A	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.2	1006	Falling	0.1	0.1	0.50 - 1.00	2.70	Dry
WS153A	Visit 17	18/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1005	Rising	0.1	0.1	0.50 - 1.00	2.65	Dry
WS153A	Visit 18	3/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	995	Falling	0.1	0.1	0.50 - 1.00	2.65	0.85
WS153A	Visit 19	15/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	988	Falling	0.1	0.1	0.50 - 1.00	2.65	Dry
WS153A	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1020	Steady	0.1	0.1	0.50 - 1.00	2.65	Dry
WS153A	Visit 21	20/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1001	Rising	0.1	0.1	0.50 - 1.00	2.64	Dry
WS153A	Visit 22	29/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	999	Rising	0.1	0.1	0.50 - 1.00	2.65	Dry
WS153A	Visit 23	18/01/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	991	Rising	0.1	0.1	0.50 - 1.00	2.65	0.70
WS153A	Visit 24	2/02/2023	0.1	0.1	0.0001	0.8	0.8	0.0008	19.1	1021	Steady	0.1	0.1	0.50 - 1.00	2.64	Dry
WS157	Visit 1	Monitoring Well Flooded												1.00 - 2.00	-	-
WS157	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1020	Falling	0.1	0.1	1.00 - 2.00	1.75	1.45
WS157	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19	1021	Rising	0.1	0.1	1.00 - 2.00	1.75	1.50
WS157	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.7	1006	Steady	0.1	0.1	1.00 - 2.00	1.85	1.02
WS157	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1020	Falling	0.1	0.1	1.00 - 2.00	1.86	1.80
WS157	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.1	1018	Steady	0.1	0.1	1.00 - 2.00	1.85	1.15
WS157	Visit 7	17/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1016	Steady	0.1	0.1	1.00 - 2.00	1.86	1.60
WS157	Visit 8	1/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1014	Rising	0.1	0.1	1.00 - 2.00	1.85	1.40
WS157	Visit 9	17/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.4	1015	Steady	0.1	0.1	1.00 - 2.00	1.85	1.75
WS157	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1020	Rising	0.1	0.1	1.00 - 2.00	1.85	1.43
WS157	Visit 11	2/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1011	Falling	0.1	0.1	1.00 - 2.00	1.85	1.75
WS157	Visit 12	11/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.8	1021	Falling	0.1	0.1	1.00 - 2.00	1.85	Dry

WELL	VISIT NUMBER	DATE	CH_4 PEAK (%V/V)	CH_4 STEADY (%V/V)	CH_4 GSV (l/hr)	CO_2 PEAK (%V/V)	CO_2 STEADY (%V/V)	CO_2 GSV (l/hr)	O_2 (%V/V)	ATMOS (mb)	ATMOS. DYNAMIC	PEAK FLOW (l/hr)	STEADY FLOW (l/hr)	RESPONSE ZONE (m bgl)	DEPTH TO BASE (m bgl)	DEPTH TO WATER (m bgl)
WS157	Visit 13	19/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1015	Rising	0.1	0.1	1.00 - 2.00	1.85	Dry
WS157	Visit 14	6/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1015	Falling	0.1	0.1	1.00 - 2.00	1.85	Dry
WS157	Visit 15	21/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1009	Falling	0.1	0.1	1.00 - 2.00	1.85	Dry
WS157	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.2	1006	Falling	0.1	0.1	1.00 - 2.00	1.85	1.08
WS157	Visit 17	18/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1005	Rising	0.1	0.1	1.00 - 2.00	1.79	1.40
WS157	Visit 18	3/11/2022	0.1	0.1	0.0001	0.2	0.1	0.0002	20.3	994	Falling	0.1	0.1	1.00 - 2.00	1.80	1.60
WS157	Visit 19	15/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	988	Falling	0.1	0.1	1.00 - 2.00	1.72	1.35
WS157	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1020	Steady	0.1	0.1	1.00 - 2.00	1.80	1.02
WS157	Visit 21	20/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1001	Rising	0.1	0.1	1.00 - 2.00	1.70	1.60
WS157	Visit 22	29/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	999	Rising	0.1	0.1	1.00 - 2.00	1.80	1.40
WS157	Visit 23	18/01/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	992	Rising	0.1	0.1	1.00 - 2.00	1.80	1.32
WS157	Visit 24	2/02/2023	0.1	0.1	0.0001	0.2	0.2	0.0002	20.2	1020	Steady	0.1	0.1	1.00 - 2.00	1.70	1.52
WS161	Visit 1	24/02/2022	0.1	0.1	0.0001	0.5	0.5	0.0005	18.7	999	Rising	0.1	0.1	0.50 - 1.50	1.70	0.65
WS161	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1020	Steady	0.1	0.1	0.50 - 1.50	2.55	0.58
WS161	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1021	Falling	0.1	0.1	0.50 - 1.50	2.55	0.80
WS161	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1006	Steady	0.1	0.1	0.50 - 1.50	2.70	0.88
WS161	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1020	Steady	0.1	0.1	0.50 - 1.50	2.69	1.15
WS161	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.1	1018	Steady	0.1	0.1	0.50 - 1.50	2.70	1.28
WS161	Visit 7	17/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1016	Steady	0.1	0.1	0.50 - 1.50	2.69	1.05
WS161	Visit 8	1/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1014	Rising	0.1	0.1	0.50 - 1.50	2.70	0.90
WS161	Visit 9	17/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.4	1015	Steady	0.1	0.1	0.50 - 1.50	2.70	1.25
WS161	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1021	Rising	0.1	0.1	0.50 - 1.50	2.70	Dry
WS161	Visit 11	2/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.8	1011	Falling	0.1	0.1	0.50 - 1.50	2.70	Dry
WS161	Visit 12	11/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.8	1021	Falling	0.1	0.1	0.50 - 1.50	2.70	Dry
WS161	Visit 13	19/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1015	Rising	0.1	0.1	0.50 - 1.50	2.70	Dry
WS161	Visit 14	6/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1015	Falling	0.1	0.1	0.50 - 1.50	2.70	Dry
WS161	Visit 15	21/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1008	Falling	0.1	0.1	0.50 - 1.50	2.70	dry
WS161	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1006	Falling	0.1	0.1	0.50 - 1.50	2.75	1.20
WS161	Visit 17	18/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1005	Rising	0.1	0.1	0.50 - 1.50	2.70	Dry
WS161	Visit 18	3/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	994	Falling	0.1	0.1	0.50 - 1.50	2.70	1.25
WS161	Visit 19	15/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	988	Falling	0.1	0.1	0.50 - 1.50	2.70	Dry
WS161	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1020	Steady	0.1	0.1	0.50 - 1.50	2.70	0.81
WS161	Visit 21	20/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1001	Rising	0.1	0.1	0.50 - 1.50	2.70	Dry
WS161	Visit 22	29/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	999	Rising	0.1	0.1	0.50 - 1.50	2.70	Dry
WS161	Visit 23	18/01/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	992	Rising	0.1	0.1	0.50 - 1.50	2.70	0.53
WS161	Visit 24	2/02/2023	0.1	0.1	0.0001	1.6	1.2	0.0016	18.4	1021	Steady	0.1	0.1	0.50 - 1.50	2.70	0.69
WS169	Visit 1	24/02/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19	998	Rising	0.1	0.1	1.00 - 2.00	2.20	1.75
WS169	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1020	Steady	0.1	0.1	1.00 - 2.00	2.20	1.63
WS169	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19	1021	Falling	0.1	0.1	1.00 - 2.00	2.20	1.75
WS169	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1006	Steady	0.1	0.1	1.00 - 2.00	2.20	1.40
WS169	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1020	Steady	0.1	0.1	1.00 - 2.00	2.25	1.70
WS169	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.1	1018	Steady	0.1	0.1	1.00 - 2.00	2.24	1.57
WS169	Visit 7	17/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1016	Steady	0.1	0.1	1.00 - 2.00	2.25	1.50
WS169	Visit 8	1/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1014	Rising	0.1	0.1	1.00 - 2.00	2.24	1.45
WS169	Visit 9	17/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.4	1015	Steady	0.1	0.1	1.00 - 2.00	2.25	1.80
WS169	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.7	1021	Rising	0.1	0.1	1.00 - 2.00	2.25	1.76
WS169	Visit 11	2/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1011	Falling	0.1	0.1	1.00 - 2.00	2.25	Dry
WS169	Visit 12	11/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.8	1021	Falling	0.1	0.1	1.00 - 2.00	2.23	Dry
WS169	Visit 13	19/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1015	Rising	0.1	0.1	1.00 - 2.00	2.25	Dry
WS169	Visit 14	6/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1015	Falling	0.1	0.1	1.00 - 2.00	2.25	Dry
WS169	Visit 15	21/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1008	Falling	0.1	0.1	1.00 - 2.00	2.25	Dry
WS169	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1006	Falling	0.1	0.1	1.00 - 2.00	2.25	1.13
WS169	Visit 17	18/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1004	Rising	0.1	0.1	1.00 - 2.00	2.25	1.50
WS169	Visit 18	3/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	994	Falling	0.1	0.1	1.00 - 2.00	2.25	1.62
WS169	Visit 19	15/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	989	Falling	0.1	0.1	1.00 - 2.00	2.25	1.40
WS169	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1021	Steady	0.1	0.1	1.00 - 2.00	2.20	1.04
WS169	Visit 21	20/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1000	Rising	0.1	0.1	1.00 - 2.00	2.25	1.75
WS169	Visit 22	29/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	998	Rising	0.1	0.1	1.00 - 2.00	2.23	1.60
WS169	Visit 23	18/01/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	992	Rising	0.1	0.1	1.00 - 2.00	2.25	1.43

WELL	VISIT NUMBER	DATE	CH_4 PEAK (%V/V)	CH_4 STEADY (%V/V)	CH_4 GSV (l/hr)	CO_2 PEAK (%V/V)	CO_2 STEADY (%V/V)	CO_2 GSV (l/hr)	O_2 (%V/V)	ATMOS (mb)	ATMOS. DYNAMIC	PEAK FLOW (l/hr)	STEADY FLOW (l/hr)	RESPONSE ZONE (m bgl)	DEPTH TO BASE (m bgl)	DEPTH TO WATER (m bgl)
WS169	Visit 24	2/02/2023	0.1	0.1	0.0001	0.5	0.5	0.0005	19.6	1021	Steady	0.1	0.1	1.00 - 2.00	2.25	1.12
WS171	Visit 1	23/02/2022	0.1	0.1	0.0001	1.3	1.3	0.0013	17.3	1007	Falling	0.1	0.1	1.00- 2.50	2.23	1.20
WS171	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1019	Rising	0.1	0.1	1.00- 2.50	2.23	Dry
WS171	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19	1022	Steady	0.1	0.1	1.00- 2.50	2.80	Dry
WS171	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1006	Falling	0.1	0.1	1.00- 2.50	2.88	Dry
WS171	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1019	Steady	0.1	0.1	1.00- 2.50	2.85	Dry
WS171	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1018	Steady	0.1	0.1	1.00- 2.50	2.87	Dry
WS171	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1012	Steady	0.1	0.1	1.00- 2.50	2.85	Dry
WS171	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1010	Steady	0.1	0.1	1.00- 2.50	2.87	2.20
WS171	Visit 9	17/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.4	1016	Steady	0.1	0.1	1.00- 2.50	2.85	Dry
WS171	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1020	Rising	0.1	0.1	1.00- 2.50	2.85	Dry
WS171	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1022	Falling	0.1	0.1	1.00- 2.50	2.85	Dry
WS171	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1029	Falling	0.1	0.1	1.00- 2.50	2.85	Dry
WS171	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1012	Falling	0.1	0.1	1.00- 2.50	2.85	Dry
WS171	Visit 14	5/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1011	Steady	0.1	0.1	1.00- 2.50	2.85	Dry
WS171	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1010	Steady	0.1	0.1	1.00- 2.50	2.85	Dry
WS171	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1007	Falling	0.1	0.1	1.00- 2.50	2.85	Dry
WS171	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1010	Rising	0.1	0.1	1.00- 2.50	2.90	Dry
WS171	Visit 18	3/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	995	Falling	0.1	0.1	1.00- 2.50	2.87	Dry
WS171	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1005	Falling	0.1	0.1	1.00- 2.50	2.90	Dry
WS171	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.5	1020	Steady	0.1	0.1	1.00- 2.50	2.90	2.15
WS171	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	992	Falling	0.1	0.1	1.00- 2.50	2.90	Dry
WS171	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.8	991	Falling	0.1	0.1	1.00- 2.50	2.88	Dry
WS171	Visit 23	18/01/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20	993	Rising	0.1	0.1	1.00- 2.50	2.90	1.12
WS171	Visit 24	2/02/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20.2	1020	Steady	0.1	0.1	1.00- 2.50	2.90	1.12
CP/RB101	Visit 1	23/02/2022	4.4	4.4	0.0044	9.5	9.5	0.0095	0.2	1008	Falling	0.1	0.1	3.00- 5.00	2.88	3.30
CP/RB101	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1019	Rising	0.1	0.1	3.00- 5.00	2.88	3.25
CP/RB101	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19	1023	Steady	0.1	0.1	3.00- 5.00	2.60	3.60
CP/RB101	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.5	1013	Falling	0.1	0.1	3.00- 5.00	2.70	4.40
CP/RB101	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1018	Steady	0.1	0.1	3.00- 5.00	2.70	4.00
CP/RB101	Visit 6	6/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1018	Steady	0.1	0.1	3.00- 5.00	2.68	Dry
CP/RB101	Visit 7	17/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1015	Steady	0.1	0.1	3.00- 5.00	2.70	3.75
CP/RB101	Visit 8	1/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1016	Rising	0.1	0.1	3.00- 5.00	2.68	3.50
CP/RB101	Visit 9	17/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1016	Steady	0.1	0.1	3.00- 5.00	2.70	3.95
CP/RB101	Visit 10	6/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.7	1022	Steady	0.1	0.1	3.00- 5.00	2.70	Dry
CP/RB101	Visit 11	2/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1009	Falling	0.1	0.1	3.00- 5.00	2.70	Dry
CP/RB101	Visit 12	11/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.8	1023	Falling	0.1	0.1	3.00- 5.00	2.69	Dry
CP/RB101	Visit 13	19/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1013	Rising	0.1	0.1	3.00- 5.00	2.70	Dry
CP/RB101	Visit 14	5/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1012	Steady	0.1	0.1	3.00- 5.00	2.70	Dry
CP/RB101	Visit 15	21/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1009	Falling	0.1	0.1	3.00- 5.00	2.70	Dry
CP/RB101	Visit 16	5/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18	997	Falling	0.1	0.1	3.00- 5.00	2.70	Dry
CP/RB101	Visit 17	18/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1002	Rising	0.1	0.1	3.00- 5.00	2.70	Dry
CP/RB101	Visit 18	4/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1006	Rising	0.1	0.1	3.00- 5.00	2.65	4.23
CP/RB101	Visit 19	15/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	991	Falling	0.1	0.1	3.00- 5.00	2.65	Dry
CP/RB101	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.3	1018	Falling	0.1	0.1	3.00- 5.00	2.65	3.35
CP/RB101	Visit 21	19/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	999	Rising	0.1	0.1	3.00- 5.00	2.65	Dry
CP/RB101	Visit 22	28/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	997	Rising	0.1	0.1	3.00- 5.00	2.64	Dry
CP/RB101	Visit 23	18/01/2023	0.1	0.1	0.0001	0.5	0.2	0.0005	20.1	1001	Rising	0.1	0.1	3.00- 5.00	2.65	2.75
CP/RB101	Visit 24	2/02/2023	0.1	0.1	0.0001	0.5	0.5	0.0005	20.2	1025	Rising	0.1	0.1	3.00- 5.00	2.65	2.76
CP/RB102	Visit 1	23/02/2022	0.1	0.1	0.0001	4.1	2.6	0.0041	15.8	1011	Falling	0.1	0.1	3.00- 4.00	2.64	3.30
CP/RB102	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.5	1020	Rising	0.1	0.1	3.00- 4.00	2.64	3.05
CP/RB102	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1024	Steady	0.1	0.1	3.00- 4.00	1.75	3.25
CP/RB102	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1006	Falling	0.1	0.1	3.00- 4.00	1.75	3.10
CP/RB102	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1018	Steady	0.1	0.1	3.00- 4.00	1.85	3.55
CP/RB102	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.7	1018	Steady	0.1	0.1	3.00- 4.00	1.86	3.16
CP/RB102	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1012	Steady	0.1	0.1	3.00- 4.00	1.85	3.35
CP/RB102	Visit 8	31/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1009	Steady	0.1	0.1	3.00- 4.00	1.86	3.10
CP/RB102	Visit 9	16/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1021	Steady	0.1	0.1	3.00- 4.00	1.85	3.45
CP/RB102	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.5	1019	Rising	0.1	0.1	3.00- 4.00	1.85	3.10

WELL	VISIT NUMBER	DATE	CH_4 PEAK (%V/V)	CH_4 STEADY (%V/V)	CH_4 GSV (l/hr)	CO_2 PEAK (%V/V)	CO_2 STEADY (%V/V)	CO_2 GSV (l/hr)	O_2 (%V/V)	ATMOS (mb)	ATMOS. DYNAMIC	PEAK FLOW (l/hr)	STEADY FLOW (l/hr)	RESPONSE ZONE (m bgl)	DEPTH TO BASE (m bgl)	DEPTH TO WATER (m bgl)
CP/RB102	Visit 11	1/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1019	Falling	0.1	0.1	3.00- 4.00	1.85	3.45
CP/RB102	Visit 12	10/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1027	Falling	0.1	0.1	3.00- 4.00	1.85	3.50
CP/RB102	Visit 13	18/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1011	Falling	0.1	0.1	3.00- 4.00	1.85	3.40
CP/RB102	Visit 14	1/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1021	Falling	0.1	0.1	3.00- 4.00	1.85	3.50
CP/RB102	Visit 15	20/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1010	Steady	0.1	0.1	3.00- 4.00	1.85	Dry
CP/RB102	Visit 16	4/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	1006	Falling	0.1	0.1	3.00- 4.00	1.85	3.45
CP/RB102	Visit 17	17/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1011	Rising	0.1	0.1	3.00- 4.00	1.85	3.60
CP/RB102	Visit 18	3/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	995	Falling	0.1	0.1	3.00- 4.00	1.79	3.06
CP/RB102	Visit 19	14/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1006	Falling	0.1	0.1	3.00- 4.00	1.80	Dry
CP/RB102	Visit 20	7/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.4	1022	Steady	0.1	0.1	3.00- 4.00	1.72	3.05
CP/RB102	Visit 21	20/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	993	Falling	0.1	0.1	3.00- 4.00	1.80	Dry
CP/RB102	Visit 22	29/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.8	993	Falling	0.1	0.1	3.00- 4.00	1.70	Dry
CP/RB102	Visit 23	19/01/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1020	Rising	0.1	0.1	3.00- 4.00	1.80	3.13
CP/RB102	Visit 24	3/02/2023	0.1	0.1	0.0001	0.9	0.9	0.0009	19.1	1020	Steady	0.1	0.1	3.00- 4.00	1.80	2.76
CP/RB103	Visit 1	23/02/2022	0.3	0.3	0.0003	6.0	6.0	0.006	0.2	1008	Falling	0.1	0.1	3.00- 4.00	1.70	3.10
CP/RB103	Visit 2	14/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1019	Rising	0.1	0.1	3.00- 4.00	1.70	3.30
CP/RB103	Visit 3	21/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.9	1021	Steady	0.1	0.1	3.00- 4.00	2.55	Dry
CP/RB103	Visit 4	30/03/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.7	1007	Falling	0.1	0.1	3.00- 4.00	2.55	Dry
CP/RB103	Visit 5	19/04/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1019	Steady	0.1	0.1	3.00- 4.00	2.70	Dry
CP/RB103	Visit 6	5/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19	1019	Steady	0.1	0.1	3.00- 4.00	2.69	Dry
CP/RB103	Visit 7	16/05/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	1012	Steady	0.1	0.1	3.00- 4.00	2.70	3.15
CP/RB103	Visit 8	1/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1016	Rising	0.1	0.1	3.00- 4.00	2.69	3.20
CP/RB103	Visit 9	17/06/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1017	Steady	0.1	0.1	3.00- 4.00	2.70	Dry
CP/RB103	Visit 10	5/07/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18.8	1020	Rising	0.1	0.1	3.00- 4.00	2.70	Dry
CP/RB103	Visit 11	2/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1009	Falling	0.1	0.1	3.00- 4.00	2.70	Dry
CP/RB103	Visit 12	11/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.8	1023	Falling	0.1	0.1	3.00- 4.00	2.70	Dry
CP/RB103	Visit 13	19/08/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.6	1013	Rising	0.1	0.1	3.00- 4.00	2.70	Dry
CP/RB103	Visit 14	5/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.7	1012	Steady	0.1	0.1	3.00- 4.00	2.70	Dry
CP/RB103	Visit 15	21/09/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	1009	Falling	0.1	0.1	3.00- 4.00	2.70	dry
CP/RB103	Visit 16	5/10/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	18	997	Falling	0.1	0.1	3.00- 4.00	2.70	Dry
CP/RB103	Visit 17	18/10/2022	0.1`	0.1	0.0001	0.1	0.1	0.0001	20	1002	Rising	0.1	0.1	3.00- 4.00	2.75	Dry
CP/RB103	Visit 18	4/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1007	Rising	0.1	0.1	3.00- 4.00	2.70	3.10
CP/RB103	Visit 19	15/11/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	991	Falling	0.1	0.1	3.00- 4.00	2.70	Dry
CP/RB103	Visit 20	6/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	19.6	1020	Steady	0.1	0.1	3.00- 4.00	2.70	Dry
CP/RB103	Visit 21	20/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	999	Rising	0.1	0.1	3.00- 4.00	2.70	Dry
CP/RB103	Visit 22	29/12/2022	0.1	0.1	0.0001	0.1	0.1	0.0001	20	997	Rising	0.1	0.1	3.00- 4.00	2.70	Dry
CP/RB103	Visit 23	18/01/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20	992	Rising	0.1	0.1	3.00- 4.00	2.70	3.23
CP/RB103	Visit 24	2/02/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1021	Steady	0.1	0.1	3.00- 4.00	2.70	3.11

Site:	Cherryfield Drive	Visit Number:	1		
Job Number:	15-280	Date:	27/11/2023		
		Weather:	Overcast		
		Temperature:	5.00	(°C)	
Drafted	Rev	Auth	Start Time:	11:00:00 AM	Start Pressure:	999
SK	PW		End Time:	12:20:00 PM	End Pressure:	999

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	999		0.1	0.1	0.2	16.5	0	0	3.62	Dry
		60			0.1	0.1	0.2	18.6	0	0		
		90			0.1	0.1	0.2	18.9	0	0		
		120			0.1	0.1	0.2	18.9	0	0		
		150			0.1	0.1	0.1	19	0	0		
		180			0.1	0.1	0.1	19.1	0	0		
		210			0.1	0.1	0.2	19.1	0	0		
		240			0.1	0.1	0.2	19	0	0		
		270			0.1	0.1	0.1	19.1	0	0		
		300			0.1	0.1	0.2	19.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.2	19.1	0.0	0.0		
	STEADY				0.1	0.1	0.2	19.1	0.0	0.0		
WS202	2.00 - 3.00	30	999		0.1	0.1	0.5	18.4	0	0	2.35	1.6
		60			0.1	0.1	0.5	18.6	0	0		
		90			0.1	0.1	0.4	18.7	0	0		
		120			0.1	0.1	0.4	18.8	0	0		
		150			0.1	0.1	0.4	18.8	0	0		
		180			0.1	0.1	0.3	18.9	0	0		
		210			0.1	0.1	0.3	18.9	0	0		
		240			0.1	0.1	0.3	18.9	0	0		
		270			0.1	0.1	0.2	19	0	0		
		300			0.1	0.1	0.2	19	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.5	19.0	0.0	0.0		
	STEADY				0.1	0.1	0.2	19.0	0.0	0.0		
WS204	1.50 - 3.00	30	999		0.1	0.1	0.1	18.6	0	0	1.92	1.33
		60			0.1	0.1	0.1	18.8	0	0		
		90			0.1	0.1	0.1	18.9	0	0		
		120			0.1	0.1	0.1	18.9	0	0		
		150			0.1	0.1	0.1	18.9	0	0		
		180			0.1	0.1	0.1	18.8	0	0		
		210			0.1	0.1	0.1	18.8	0	0		
		240			0.1	0.1	0.1	18.8	0	0		
		270			0.1	0.1	0.1	18.7	0	0		
		300			0.1	0.1	0.1	18.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	18.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.7	0.0	0.0		
	1.00 - 2.50	30	999		0.1	0.1	0.1	13.9	0	0		
		60			0.1	0.1	0.1	13.2	0	0		
		90			0.1	0.1	0.1	13.9	0	0		
		120			0.1	0.1	0.1	14.6	0	0		
		150			0.1	0.1	0.1	15.3	0	0		
		180			0.1	0.1	0.1	16	0	0		
		210			0.1	0.1	0.1	16.7	0	0		
		240			0.1	0.1	0.1	17.1	0	0		
		270			0.1	0.1	0.1	17.5	0	0		
		300			0.1	0.1	0.1	17.8	0	0		

	Site:	Cherryfield Drive		**Visit Number:**		1	
	Job Number:	15-280		**Date:**		27/11/2023	
				Weather:		Overcast	
				Temperature:		5.00	(°C)
Drafted	**Rev**	**Auth**	**Start Time:**	11:00:00 AM	**Start Pressure:**	999	
SK	PW		**End Time:**	12:20:00 PM	**End Pressure:**	999	

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									**1.49**	**0.62**
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	17.8	0.0	0.0		
	STEADY				0.1	0.1	0.1	17.8	0.0	0.0		

Site:	Cherryfield Drive	**Visit Number:**	2				
Job Number:	15-280	**Date:**	8/12/2023				
		Weather:	Overcast				
		Temperature:	6.00	(°C)			
Drafted	**Rev**	**Auth**	**Start Time:**	7:45:00 AM	**Start Pressure:**	995	
SK	PW		**End Time:**	9:05:00 AM	**End Pressure:**	994	

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	995		0.1	64	20.7	4.4	0	0	3.62	Dry
		60			0.1	66	21.8	0.7	0	0		
		90			0.1	66.1	21.9	0.2	0	0		
		120			0.1	66.3	22	0.1	0	0		
		150			0.1	66.3	21.9	0.1	0	0		
		180			0.1	66.2	21.8	0.1	0	0		
		210			0.1	66.2	21.9	0.1	0	0		
		240			0.1	66.3	21.9	0.1	0	0		
		270			0.1	66.2	21.9	0.1	0	0		
		300			0.1	66.3	21.9	0.1	0	0		
		330			0.1	66	21.9	0.1	0	0		
		360			0.1	66	21.9	0.1	0	0		
		390			0.1	66	22	0.1	0	0		
		420			0.1	66.1	22	0.1	0	0		
		450			0.1	65.8	21.9	0.1	0	0		
		480			0.1	65.9	22	0.1	0	0		
		510			0.1	65.8	22	0.1	0	0		
		540			0.1	66.1	22	0.1	0	0		
		570			0.1	65.9	22	0.1	0	0		
		600			0.1	65.9	22	0.1	0	0		
	MAX				0.1	66.3	22.0	4.4	0.0	0.0		
	STEADY				0.1	65.9	22.0	0.1	0.0	0.0		
WS202	2.00 - 3.00	30	994		0.1	0.1	0.1	18.9	0	0	2.32	1.84
		60			0.1	0.1	0.1	19	0	0		
		90			0.1	0.1	0.1	19.1	0	0		
		120			0.1	0.1	0.1	19.1	0	0		
		150			0.1	0.1	0.1	19.1	0	0		
		180			0.1	0.1	0.1	19.1	0	0		
		210			0.1	0.1	0.1	19.1	0	0		
		240			0.1	0.1	0.1	19.1	0	0		
		270			0.1	0.1	0.1	19.1	0	0		
		300			0.1	0.1	0.1	19.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.1	0.0	0.0		
WS204	1.50 - 3.00	30	994		0.1	0.1	0.3	14.8	0	0	1.91	1.09
		60			0.1	0.1	0.2	17.9	0	0		
		90			0.1	0.1	0.2	18.6	0	0		
		120			0.1	0.1	0.2	18.7	0	0		
		150			0.1	0.1	0.1	18.7	0	0		
		180			0.1	0.1	0.1	18.7	0	0		
		210			0.1	0.1	0.1	18.7	0	0		
		240			0.1	0.1	0.1	18.7	0	0		
		270			0.1	0.1	0.1	18.7	0	0		
		300			0.1	0.1	0.1	18.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.3	18.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.7	0.0	0.0		
		30	995		0.1	0.1	0.1	18.9	0	0		
		60			0.1	0.1	0.1	19	0	0		
		90			0.1	0.1	0.1	18.9	0	0		
		120			0.1	0.1	0.1	18.9	0	0		
		150			0.1	0.1	0.1	18.8	0	0		
		180			0.1	0.1	0.1	18.7	0	0		
		210			0.1	0.1	0.1	18.5	0	0		
		240			0.1	0.1	0.1	18.3	0	0		
		270			0.1	0.1	0.1	18.2	0	0		
	1.00 - 2.50	300			0.1	0.1	0.1	18.1	0	0		

	Site:	Cherryfield Drive		**Visit Number:**		2	
	Job Number:	15-280		**Date:**		8/12/2023	
				Weather:		Overcast	
				Temperature:		6.00	(°C)
Drafted	**Rev**	**Auth**	**Start Time:**	7:45:00 AM	**Start Pressure:**	995	
SK	PW		**End Time:**	9:05:00 AM	**End Pressure:**	994	

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									**1.48**	**0.71**
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	18.1	0.0	0.0		

Site:	Cherryfield Drive	**Visit Number:**	3		
Job Number:	15-280	**Date:**	21/12/2023		
		Weather:	Raining		
		Temperature:	10.00	(°C)	
Drafted	**Rev**	**Auth**	**Start Time:**	7:25:00 AM	**Start Pressure:**	995
SK	PW		**End Time:**	9:25:00 AM	**End Pressure:**	1001

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	995		0.1	66.5	20.9	0.4	0	0	3.6	Dry
		60			0.1	67.8	21.3	0.1	0	0		
		90			0.1	67.9	21.4	0.1	0	0		
		120			0.1	68.3	21.5	0.1	0	0		
		150			0.1	68.3	21.4	0.1	0	0		
		180			0.1	68.1	21.4	0.1	0	0		
		210			0.1	67.9	21.4	0.1	0	0		
		240			0.1	67.8	21.5	0.1	0	0		
		270			0.1	67.9	21.5	0.1	0	0		
		300			0.1	67.9	21.4	0.1	0	0		
		330			0.1	67.8	21.4	0.1	0	0		
		360			0.1	67.8	21.4	0.1	0	0		
		390			0.1	67.8	21.4	0.1	0	0		
		420			0.1	67.9	21.4	0.1	0	0		
		450			0.1	67.9	21.4	0.1	0	0		
		480			0.1	68	21.4	0.1	0	0		
		510			0.1	67.8	21.5	0.1	0	0		
		540			0.1	67.9	21.5	0.1	0	0		
		570			0.1	68	21.5	0.1	0	0		
		600			0.1	68	21.5	0.1	0	0		
	MAX				0.1	68.3	21.5	0.4	0.0	0.0		
	STEADY				0.1	68.0	21.5	0.1	0.0	0.0		
WS202	2.00 - 3.00	30	999		0.1	0.1	0.1	20.6	0	0	2.3	1.73
		60			0.1	0.1	0.1	20.6	0	0		
		90			0.1	0.1	0.1	20.6	0	0		
		120			0.1	0.1	0.1	20.5	0	0		
		150			0.1	0.1	0.1	20.5	0	0		
		180			0.1	0.1	0.1	20.5	0	0		
		210			0.1	0.1	0.1	20.5	0	0		
		240			0.1	0.1	0.1	20.5	0	0		
		270			0.1	0.1	0.1	20.5	0	0		
		300			0.1	0.1	0.1	20.5	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.6	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.5	0.0	0.0		
WS204	1.50 - 3.00	30	999		0.1	0.1	0.2	20.4	0	0	1.92	1.29
		60			0.1	0.1	0.1	20.8	0	0		
		90			0.1	0.1	0.1	20.8	0	0		
		120			0.1	0.1	0.1	20.8	0	0		
		150			0.1	0.1	0.1	20.7	0	0		
		180			0.1	0.1	0.1	20.7	0	0		
		210			0.1	0.1	0.1	20.7	0	0		
		240			0.1	0.1	0.1	20.6	0	0		
		270			0.1	0.1	0.1	20.6	0	0		
		300			0.1	0.1	0.1	20.6	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.2	20.8	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.6	0.0	0.0		
		30	999		0.1	0.1	0.1	13.9	0	0		
		60			0.1	0.1	0.1	13.1	0	0		
		90			0.1	0.1	0.1	12.6	0	0		
		120			0.1	0.1	0.1	12.2	0	0		
		150			0.1	0.1	0.1	11.9	0	0		
		180			0.1	0.1	0.1	11.6	0	0		
		210			0.1	0.1	0.1	11.4	0	0		
		240			0.1	0.1	0.1	11.2	0	0		
		270			0.1	0.1	0.1	11.1	0	0		
	1.00 - 2.50	300			0.1	0.1	0.1	11.2	0	0		

	Site:	Cherryfield Drive		**Visit Number:**		3		
	Job Number:	15-280		**Date:**		21/12/2023		
				Weather:		Raining		
				Temperature:		10.00	(°C)	
Drafted	**Rev**	**Auth**	**Start Time:**	7:25:00 AM	**Start Pressure:**	995		
SK	PW		**End Time:**	9:25:00 AM	**End Pressure:**	1001		

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									**1.48**	**1.46**
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	13.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	11.2	0.0	0.0		

Site:	Cherryfield Drive		**Visit Number:**	4		
Job Number:	15-280		**Date:**	9/01/2024		
			Weather:	Overcast		
			Temperature:	1.50	(°C)	
Drafted	**Rev**	**Auth**	**Start Time:**	7:35:00 AM	**Start Pressure:**	1031
SK	PW		**End Time:**	10:20:00 AM	**End Pressure:**	1032

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	1031		0.1	0.1	0.2	20	0	0	3.6	Dry
		60			0.1	0.1	0.2	20	0	0		
		90			0.1	0.1	0.1	20	0	0		
		120			0.1	0.1	0.1	20	0	0		
		150			0.1	0.1	0.1	20	0	0		
		180			0.1	0.1	0.1	20	0	0		
		210			0.1	0.1	0.1	20	0	0		
		240			0.1	0.1	0.2	20	0	0		
		270			0.1	0.1	0.1	20	0	0		
		300			0.1	0.1	0.2	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.2	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.2	20.0	0.0	0.0		
WS202	2.00 - 3.00	30	1032		0.4	0.1	0.3	19.3	0	0	2.29	1.49
		60			0.1	0.1	0.2	19.5	0	0		
		90			0.1	0.1	0.2	19.6	0	0		
		120			0.1	0.1	0.2	19.7	0	0		
		150			0.1	0.1	0.1	19.7	0	0		
		180			0.1	0.1	0.1	19.7	0	0		
		210			0.1	0.1	0.1	19.8	0	0		
		240			0.1	0.1	0.1	19.8	0	0		
		270			0.1	0.1	0.1	19.8	0	0		
		300			0.1	0.1	0.1	19.8	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.4	0.1	0.3	19.8	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.8	0.0	0.0		
WS204	1.50 - 3.00	30	1031		0.1	0.1	0.1	19.1	0	0	1.9	1.14
		60			0.1	0.1	0.1	19	0	0		
		90			0.1	0.1	0.1	19	0	0		
		120			0.1	0.1	0.1	19	0	0		
		150			0.1	0.1	0.1	19	0	0		
		180			0.1	0.1	0.1	19	0	0		
		210			0.1	0.1	0.1	19	0	0		
		240			0.1	0.1	0.1	19	0	0		
		270			0.1	0.1	0.1	19	0	0		
		300			0.1	0.1	0.1	19	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.0	0.0	0.0		
	1.00 - 2.50	30	1032		0.1	0.1	0.1	14.3	0	0		
		60			0.1	0.1	0.1	14	0	0		
		90			0.1	0.1	0.1	14	0	0		
		120			0.1	0.1	0.1	14	0	0		
		150			0.1	0.1	0.1	14	0	0		
		180			0.1	0.1	0.1	14	0	0		
		210			0.1	0.1	0.1	14	0	0		
		240			0.1	0.1	0.1	14	0	0		
		270			0.1	0.1	0.1	14	0	0		
		300			0.1	0.1	0.1	14	0	0		

e3p	**Site:**	Cherryfield Drive		**Visit Number:**		4	
	Job Number:	15-280		**Date:**		9/01/2024	
				Weather:		Overcast	
				Temperature:		1.50	(°C)
	Drafted	**Rev**	**Auth**	**Start Time:**	7:35:00 AM	**Start Pressure:**	1031
	SK	PW		**End Time:**	10:20:00 AM	**End Pressure:**	1032

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									**1.48**	**1.46**
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	14.3	0.0	0.0		
	STEADY				0.1	0.1	0.1	14.0	0.0	0.0		

Site:	Cherryfield Drive	**Visit Number:**	**5**			
Job Number:	15-280	**Date:**	23/01/2024			
		Weather:	Raining			
		Temperature:	5.00	(°C)		
Drafted	**Rev**	**Auth**	**Start Time:**	8:10:00 AM	**Start Pressure:**	1011
SK	PW		**End Time:**	9:40:00 AM	**End Pressure:**	1007

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	1009		0.3	12.9	6.6	7.3	53	0	3.6	Dry
		60			0.1	12.9	6.7	7.1	53	0		
		90			0.1	13	6.7	7.1	53	0		
		120			0.1	13.1	6.7	7.1	53	0		
		150			0.1	13.1	6.7	7	53	0		
		180			0.1	13.1	6.7	7	54	0		
		210			0.1	13.1	6.8	7	54	0		
		240			0.1	13.2	6.8	6.9	54	0		
		270			0.1	13.3	6.8	6.9	54	0		
		300			0.1	13.3	6.8	6.9	54	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.3	13.3	6.8	7.3	54.0	0.0		
	STEADY				0.1	13.3	6.8	6.9	54.0	0.0		
WS202	2.00 - 3.00	30	1008		2.0	0.1	0.3	19.3	0	0	2.28	1.88
		60			0.1	0.1	0.2	19.9	0	0		
		90			0.1	0.1	0.2	20	0	0		
		120			0.1	0.1	0.1	20.1	0	0		
		150			0.1	0.1	0.1	20.2	0	0		
		180			0.1	0.1	0.1	20.2	0	0		
		210			0.1	0.1	0.1	20.2	0	0		
		240			0.1	0.1	0.1	20.3	0	0		
		270			0.1	0.1	0.1	20.3	0	0		
		300			0.1	0.1	0.1	20.3	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				2.0	0.1	0.3	20.3	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.3	0.0	0.0		
WS204	1.50 - 3.00	30	1007		0.1	0.1	0.1	20	0	0	1.9	1.48
		60			0.1	0.1	0.1	19.9	0	0		
		90			0.1	0.1	0.1	19.9	0	0		
		120			0.1	0.1	0.1	19.9	0	0		
		150			0.1	0.1	0.1	19.9	0	0		
		180			0.1	0.1	0.1	19.9	0	0		
		210			0.1	0.1	0.1	19.9	0	0		
		240			0.1	0.1	0.1	19.9	0	0		
		270			0.1	0.1	0.1	19.9	0	0		
		300			0.1	0.1	0.1	19.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.9	0.0	0.0		
		30	1011		0.1	0.1	0.1	9.3	0	0		
		60			0.1	0.1	0.1	8.9	0	0		
		90			0.1	0.1	0.1	8.8	0	0		
		120			0.1	0.1	0.1	8.8	0	0		
		150			0.1	0.1	0.1	8.8	0	0		
		180			0.1	0.1	0.1	8.9	0	0		
		210			0.1	0.1	0.1	9	0	0		
		240			0.1	0.1	0.1	9.1	0	0		
		270			0.1	0.1	0.1	9.1	0	0		
	1.00 - 2.50	300			0.1	0.1	0.1	9.2	0	0		

e3p	**Site:**	Cherryfield Drive		**Visit Number:**		5	
	Job Number:	15-280		**Date:**		23/01/2024	
				Weather:		Raining	
				Temperature:		5.00	(°C)
	Drafted	**Rev**	**Auth**	**Start Time:**	8:10:00 AM	**Start Pressure:**	1011
	SK	PW		**End Time:**	9:40:00 AM	**End Pressure:**	1007

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									**1.48**	**1.46**
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	9.3	0.0	0.0		
	STEADY				0.1	0.1	0.1	9.2	0.0	0.0		

Site:	Cherryfield Drive	**Visit Number:**	6				
Job Number:	15-280	**Date:**	8/02/2024				
		Weather:	Raining				
		Temperature:	1.50	(°C)			
Drafted	**Rev**	**Auth**	**Start Time:**	10:00:00 AM	**Start Pressure:**	987	
SK	PW		**End Time:**	11:45:00 AM	**End Pressure:**	985	

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	987		0.1	67.3	20.8	0.3	0	0	3.6	3.57
		60			0.1	68.8	21.1	0.1	0	0		
		90			0.1	68.9	21.1	0.1	0	0		
		120			0.1	69.1	21.2	0.1	0	0		
		150			0.1	69.3	21.3	0.1	0	0		
		180			0.1	69.3	21.2	0.1	0	0		
		210			0.1	69.2	21.2	0.1	0	0		
		240			0.1	69.2	21.2	0.1	0	0		
		270			0.1	69.3	21.2	0.1	0	0		
		300			0.1	69.3	21.2	0.1	0	0		
		330			0.1	69.2	21.2	0.1	0	0		
		360			0.1	69.2	21.2	0.1	0	0		
		390			0.1	69.1	21.2	0.1	0	0		
		420			0.1	69.1	21.3	0.1	0	0		
		450			0.1	69.1	21.2	0.1	0	0		
		480			0.1	69.1	21.3	0.1	0	0		
		510			0.1	69.2	21.3	0.1	0	0		
		540			0.1	69	21.3	0.1	0	0		
		570			0.1	69.1	21.2	0.1	0	0		
		600			0.1	69	21.3	0.1	0	0		
	MAX				0.1	69.3	21.3	0.3	0.0	0.0		
	STEADY				0.1	69.0	21.3	0.1	0.0	0.0		
WS202	2.00 - 3.00	30	986		0.1	0.1	0.5	19	0	0	2.28	1.92
		60			0.1	0.1	0.4	19.6	0	0		
		90			0.1	0.1	0.4	19.6	0	0		
		120			0.1	0.1	0.4	19.5	0	0		
		150			0.1	0.1	0.4	19.4	0	0		
		180			0.1	0.1	0.4	19.5	0	0		
		210			0.1	0.1	0.3	19.6	0	0		
		240			0.1	0.1	0.3	19.6	0	0		
		270			0.1	0.1	0.3	19.7	0	0		
		300			0.1	0.1	0.2	19.8	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.5	19.8	0.0	0.0		
	STEADY				0.1	0.1	0.2	19.8	0.0	0.0		
WS204	1.50 - 3.00	30	985		0.1	0.1	0.4	19.2	0	0	1.9	1.31
		60			0.1	0.1	0.4	19.2	0	0		
		90			0.1	0.1	0.4	19.2	0	0		
		120			0.1	0.1	0.4	19.2	0	0		
		150			0.1	0.1	0.4	19.2	0	0		
		180			0.1	0.1	0.4	19.1	0	0		
		210			0.1	0.1	0.4	19.1	0	0		
		240			0.1	0.1	0.4	19.1	0	0		
		270			0.1	0.1	0.4	19.1	0	0		
		300			0.1	0.1	0.4	19.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.4	19.2	0.0	0.0		
	STEADY				0.1	0.1	0.4	19.1	0.0	0.0		
		30	987		0.1	0.1	0.1	10.5	0	0		
		60			0.1	0.1	0.1	10.4	0	0		
		90			0.1	0.1	0.1	10.3	0	0		
		120			0.1	0.1	0.1	10.3	0	0		
		150			0.1	0.1	0.1	10.3	0	0		
		180			0.1	0.1	0.1	10.3	0	0		
		210			0.1	0.1	0.1	10.3	0	0		
		240			0.1	0.1	0.1	10.3	0	0		
		270			0.1	0.1	0.1	10.3	0	0		
	1.00 - 2.50	300			0.1	0.1	0.1	10.3	0	0		

	Site:	Cherryfield Drive		**Visit Number:**		6	
	Job Number:	15-280		**Date:**		8/02/2024	
				Weather:		Raining	
				Temperature:		1.50	(°C)
Drafted	**Rev**	**Auth**	**Start Time:**	10:00:00 AM	**Start Pressure:**	987	
SK	PW		**End Time:**	11:45:00 AM	**End Pressure:**	985	

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									**1.48**	**1.47**
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	10.5	0.0	0.0		
	STEADY				0.1	0.1	0.1	10.3	0.0	0.0		

Site:	Cherryfield Drive	**Visit Number:**	7				
Job Number:	15-280	**Date:**	23/02/2024				
		Weather:	Overcast				
		Temperature:	5.00	(°C)			
Drafted	**Rev**	**Auth**	**Start Time:**	8:50:00 AM	**Start Pressure:**	978	
SK	PW		**End Time:**	10:30:00 AM	**End Pressure:**	979	

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	979		0.1	1.2	0.5	19.6	0	0	3.6	3.16
		60			0.1	1.6	0.7	19.7	0	0		
		90			0.1	0.7	0.4	19.9	0	0		
		120			0.1	0.1	0.4	20	0	0		
		150			0.1	0.1	0.3	20.1	0	0		
		180			0.1	0.1	0.3	20.1	0	0		
		210			0.1	0.1	0.3	20.1	0	0		
		240			0.1	0.1	0.3	20.1	0	0		
		270			0.1	0.1	0.4	20	0	0		
		300			0.1	0.4	0.4	20	0	0		
		330			0.1	0.1	0.3	20	0	0		
		360			0.1	0.1	0.3	20.1	0	0		
		390			0.1	0.1	0.2	20.2	0	0		
		420			0.1	0.1	0.3	20	0	0		
		450			0.1	0.1	0.2	20.2	0	0		
		480			0.1	0.1	0.3	20.2	0	0		
		510			0.1	0.1	0.3	20.1	0	0		
		540			0.1	0.1	0.3	20.1	0	0		
		570			0.1	0.1	0.1	20.2	0	0		
		600			0.1	0.1	0.4	20.1	0	0		
	MAX				0.1	1.6	0.7	20.2	0.0	0.0		
	STEADY				0.1	0.1	0.4	20.1	0.0	0.0		
WS202	2.00 - 3.00	30	979		1.2	0.1	0.2	19.8	0	0	2.25	1.63
		60			0.1	0.1	0.2	19.7	0	0		
		90			0.1	0.1	0.2	19.8	0	0		
		120			0.1	0.1	0.3	19.7	0	0		
		150			0.1	0.1	0.3	19.5	0	0		
		180			0.1	0.1	0.3	19.4	0	0		
		210			0.1	0.1	0.4	19.2	0	0		
		240			0.1	0.1	0.4	19.1	0	0		
		270			0.1	0.1	0.5	18.8	0	0		
		300			0.1	0.1	0.5	18.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				1.2	0.1	0.5	19.8	0.0	0.0		
	STEADY				0.1	0.1	0.5	18.7	0.0	0.0		
WS204	1.50 - 3.00	30	978		0.1	0.1	0.1	20.3	0	0	1.89	1.01
		60			0.1	0.1	0.1	20.3	0	0		
		90			0.1	0.1	0.1	20.3	0	0		
		120			0.1	0.1	0.1	20.2	0	0		
		150			0.1	0.1	0.1	20.2	0	0		
		180			0.1	0.1	0.1	20.1	0	0		
		210			0.1	0.1	0.1	20	0	0		
		240			0.1	0.1	0.1	19.9	0	0		
		270			0.1	0.1	0.1	19.8	0	0		
		300			0.1	0.1	0.1	19.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.3	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.7	0.0	0.0		
		30	978		0.1	0.1	0.1	14	0	0		
		60			0.1	0.1	0.1	13.8	0	0		
		90			0.1	0.1	0.1	13.8	0	0		
		120			0.1	0.1	0.1	13.8	0	0		
		150			0.1	0.1	0.1	13.8	0	0		
		180			0.1	0.1	0.1	13.9	0	0		
		210			0.1	0.1	0.1	14	0	0		
		240			0.1	0.1	0.1	14.1	0	0		
		270			0.1	0.1	0.1	14.1	0	0		
	1.00 - 2.50	300			0.1	0.1	0.1	14.2	0	0		

e3p	**Site:**	Cherryfield Drive		**Visit Number:**		7	
	Job Number:	15-280		**Date:**		23/02/2024	
				Weather:		Overcast	
				Temperature:		5.00	(°C)
	Drafted	**Rev**	**Auth**	**Start Time:**	8:50:00 AM	**Start Pressure:**	978
	SK	PW		**End Time:**	10:30:00 AM	**End Pressure:**	979

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									**1.48**	**1.45**
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	14.2	0.0	0.0		
	STEADY				0.1	0.1	0.1	14.2	0.0	0.0		

Site:	Cherryfield Drive	**Visit Number:**	8				
Job Number:	15-280	**Date:**	4/03/2024				
		Weather:	Overcast				
		Temperature:	9.00	(°C)			
Drafted	**Rev**	**Auth**	**Start Time:**	12:15:00 PM	**Start Pressure:**	1002	
SK	PW		**End Time:**	2:05:00 PM	**End Pressure:**	1001	

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	1002		0.1	24.1	10.2	4.4	0	0	3.6	3.28
		60			0.1	24.5	10.3	4.1	34	0		
		90			0.1	24.7	10.4	4	34	0		
		120			0.1	24.7	10.4	4	36	0		
		150			0.1	24.8	10.5	4	36	0		
		180			0.1	24.8	10.5	4	36	0		
		210			0.1	24.8	10.5	4.1	37	0		
		240			0.1	24.9	10.5	4	36	0		
		270			0.1	25	10.5	3.9	37	0		
		300			0.1	25	10.6	3.9	34	0		
		330			0.1	25	10.6	3.9	36	0		
		360			0.1	25.1	10.6	3.9	37	0		
		390			0.1	25.1	10.6	3.9	37	0		
		420			0.1	25.1	10.6	3.9	36	0		
		450			0.1	25.2	10.6	3.8	36	0		
		480			0.1	25.3	10.7	3.8	36	0		
		510			0.1	25.3	10.7	3.8	36	0		
		540			0.1	25.3	10.7	3.8	36	0		
		570			0.1	25.4	10.7	3.8	36	0		
		600			0.1	25.4	10.7	3.8	36	0		
	MAX				0.1	25.4	10.7	4.4	37.0	0.0		
	STEADY				0.1	25.4	10.7	3.8	36.0	0.0		
WS202	2.00 - 3.00	30	1001		1.0	0.1	0.4	19.3	0	0	2.26	1.76
		60			0.1	0.1	0.3	19.9	0	0		
		90			0.1	0.1	0.2	20.1	0	0		
		120			0.1	0.1	0.2	20.2	0	0		
		150			0.1	0.1	0.2	20.2	0	0		
		180			0.1	0.1	0.2	20.2	0	0		
		210			0.1	0.1	0.1	20.3	0	0		
		240			0.1	0.1	0.1	20.3	0	0		
		270			0.1	0.1	0.1	20.3	0	0		
		300			0.1	0.1	0.1	20.3	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				1.0	0.1	0.4	20.3	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.3	0.0	0.0		
WS204	1.50 - 3.00	30	1001		0.1	0.1	0.1	19.5	0	0	1.89	1.18
		60			0.1	0.1	0.1	19.5	0	0		
		90			0.1	0.1	0.1	19.5	0	0		
		120			0.1	0.1	0.1	19.5	0	0		
		150			0.1	0.1	0.1	19.5	0	0		
		180			0.1	0.1	0.1	19.5	0	0		
		210			0.1	0.1	0.1	19.5	0	0		
		240			0.1	0.1	0.1	19.6	0	0		
		270			0.1	0.1	0.1	19.5	0	0		
		300			0.1	0.1	0.1	19.5	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	19.6	0.0	0.0		
	STEADY				0.1	0.1	0.1	19.5	0.0	0.0		
		30	1001		0.1	0.1	0.1	11.8	0	0		
		60			0.1	0.1	0.1	11.5	0	0		
		90			0.1	0.1	0.1	11.4	0	0		
		120			0.1	0.1	0.1	11.4	0	0		
		150			0.1	0.1	0.1	11.4	0	0		
		180			0.1	0.1	0.1	11.5	0	0		
		210			0.1	0.1	0.1	11.6	0	0		
		240			0.1	0.1	0.1	11.7	0	0		
		270			0.1	0.1	0.1	11.7	0	0		
	1.00 - 2.50	300			0.1	0.1	0.1	11.8	0	0		

	Site:	Cherryfield Drive		**Visit Number:**		8		
	Job Number:	15-280		**Date:**		4/03/2024		
				Weather:		Overcast		
				Temperature:		9.00	(°C)	
Drafted	**Rev**	**Auth**	**Start Time:**	12:15:00 PM	**Start Pressure:**	1002		
SK	PW		**End Time:**	2:05:00 PM	**End Pressure:**	1001		

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									**1.48**	**1.47**
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	11.8	0.0	0.0		
	STEADY				0.1	0.1	0.1	11.8	0.0	0.0		

Site:	Cherryfield Drive	**Visit Number:**	9			
Job Number:	15-280	**Date:**	22/03/2024			
		Weather:	Overcast			
		Temperature:	9.00	(°C)		
Drafted	**Rev**	**Auth**	**Start Time:**	9:45:00 AM	**Start Pressure:**	1014
SK	PW		**End Time:**	11:15:00 AM	**End Pressure:**	1013

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	1014		0.1	33.7	12.7	4.9	0	0	3.6	3.2
		60			0.1	34.4	13	4.3	0	0		
		90			0.1	34.3	13	4.3	0	0		
		120			0.1	35.2	13.2	3.9	0	0		
		150			0.1	35.8	13.5	3.6	0	0		
		180			0.1	36.4	13.6	3.4	0	0		
		210			0.1	36.8	13.8	3.1	0	0		
		240			0.1	37.1	13.9	3	0	0		
		270			0.1	37.2	13.9	3	0	0		
		300			0.1	37.3	14	3	0	0		
		330			0.1	36.1	13.1	3.6	0	0		
		360			0.1	30	11.7	6.2	0	0		
		390			0.1	24.6	9.3	8.8	0	0		
		420			0.1	28.8	11.6	6.5	0	0		
		450			0.1	33.8	12.7	4.6	0	0		
		480			0.1	35.8	13.4	3.8	0	0		
		510			0.1	37.2	13.7	3.2	0	0		
		540			0.1	32.4	11.7	5.5	0	0		
		570			0.1	25.6	9.5	8.5	0	0		
		600			0.1	30.7	11.5	6.3	0	0		
	MAX				0.1	37.3	14.0	8.8	0.0	0.0		
	STEADY				0.1	30.7	11.5	6.3	0.0	0.0		
WS202	2.00 - 3.00	30	1014		0.5	0.1	0.3	20.1	0	0	2.26	1.74
		60			0.1	0.1	0.3	20.2	0	0		
		90			0.1	0.1	0.2	20.3	0	0		
		120			0.1	0.1	0.2	20.4	0	0		
		150			0.1	0.1	0.1	20.4	0	0		
		180			0.1	0.1	0.1	20.5	0	0		
		210			0.1	0.1	0.1	20.5	0	0		
		240			0.1	0.1	0.1	20.5	0	0		
		270			0.1	0.1	0.1	20.5	0	0		
		300			0.1	0.1	0.1	20.5	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.5	0.1	0.3	20.5	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.5	0.0	0.0		
WS204	1.50 - 3.00	30	1014		0.1	0.1	0.1	20.6	0	0	1.89	1.29
		60			0.1	0.1	0.1	20.6	0	0		
		90			0.1	0.1	0.1	20.6	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.6	0	0		
		180			0.1	0.1	0.1	20.5	0	0		
		210			0.1	0.1	0.1	20.4	0	0		
		240			0.1	0.1	0.1	20.4	0	0		
		270			0.1	0.1	0.1	20.3	0	0		
		300			0.1	0.1	0.1	20.3	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.6	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.3	0.0	0.0		
		30	1013		0.1	0.1	0.1	8.6	0	0		
		60			0.1	0.1	0.1	8.2	0	0		
		90			0.1	0.1	0.1	8.1	0	0		
		120			0.1	0.1	0.1	8	0	0		
		150			0.1	0.1	0.1	8	0	0		
		180			0.1	0.1	0.1	8.1	0	0		
		210			0.1	0.1	0.1	8.1	0	0		
		240			0.1	0.1	0.1	8.1	0	0		
		270			0.1	0.1	0.1	8.2	0	0		
	1.00 - 2.50	300			0.1	0.1	0.1	8.2	0	0		

e3p	Site:	Cherryfield Drive		Visit Number:	9		
	Job Number:	15-280		Date:	22/03/2024		
				Weather:	Overcast		
				Temperature:	9.00	(°C)	
	Drafted	Rev	Auth	Start Time:	9:45:00 AM	Start Pressure:	1014
	SK	PW		End Time:	11:15:00 AM	End Pressure:	1013

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									1.48	1.45
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	8.6	0.0	0.0		
	STEADY				0.1	0.1	0.1	8.2	0.0	0.0		

Site:	Cherryfield Drive	**Visit Number:**	**10**				
Job Number:	15-280	**Date:**	8/04/2024				
		Weather:	Overcast				
		Temperature:	11 - 12.5	(°C)			
Drafted	**Rev**	**Auth**	**Start Time:**	10:05:00 AM	**Start Pressure:**	998	
SK	PW		**End Time:**	11:45:00 AM	**End Pressure:**	998	

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	998		0.4	43.1	10.2	1.7	0	0	3.62	2.97
		60			0.1	43.8	16.4	1.3	0	0		
		90			0.1	43.9	16.4	1.2	0	0		
		120			0.1	44.1	16.5	1.2	0	0		
		150			0.1	44.2	16.5	1.2	10	0		
		180			0.1	44.2	16.5	1.1	10	0		
		210			0.1	44.3	16.5	1.1	10	0		
		240			0.1	44.3	16.6	1.1	10	0		
		270			0.1	44.4	16.6	1.1	10	0		
		300			0.1	44.5	16.6	1.1	10	0		
		330			0.1	44.4	16.6	1.1	10	0		
		360			0.1	44.6	16.6	1.1	11	0		
		390			0.1	44.7	16.6	1.1	10	0		
		420			0.1	44.7	16.7	1.1	10	0		
		450			0.1	44.7	16.7	1.1	10	0		
		480			0.1	44.8	16.7	1.1	10	0		
		510			0.1	44.7	16.7	1.1	10	0		
		540			0.1	44.9	16.7	1	10	0		
		570			0.1	45	16.8	1	10	0		
		600			0.1	44.9	16.7	1.1	10	0		
	MAX				0.4	45.0	16.8	1.7	11.0	0.0		
	STEADY				0.1	44.9	16.7	1.1	10.0	0.0		
WS202	2.00 - 3.00	30	998		0.1	0.1	0.4	19.9	0	0	2.25	1.63
		60			0.1	0.1	0.3	20	0	0		
		90			0.1	0.1	0.2	20.1	0	0		
		120			0.1	0.1	0.2	20.2	0	0		
		150			0.1	0.1	0.2	20.2	0	0		
		180			0.1	0.1	0.2	20.2	0	0		
		210			0.1	0.1	0.3	19.9	0	0		
		240			0.1	0.1	0.4	19.5	0	0		
		270			0.1	0.1	0.5	19.2	0	0		
		300			0.1	0.1	0.5	19.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.5	20.2	0.0	0.0		
	STEADY				0.1	0.1	0.5	19.1	0.0	0.0		
WS204	1.50 - 3.00	30	998		0.1	0.1	0.2	20.1	0	0	1.89	1.1
		60			0.1	0.1	0.1	20.3	0	0		
		90			0.1	0.1	0.1	20.4	0	0		
		120			0.1	0.1	0.1	20.4	0	0		
		150			0.1	0.1	0.1	20.3	0	0		
		180			0.1	0.1	0.1	20.3	0	0		
		210			0.1	0.1	0.1	20.3	0	0		
		240			0.1	0.1	0.1	20.2	0	0		
		270			0.1	0.1	0.1	20.2	0	0		
		300			0.1	0.1	0.1	20.2	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.2	20.4	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.2	0.0	0.0		
	1.00 - 2.50	30	997		0.1	0.1	0.1	7.4	0	0		
		60			0.1	0.1	0.1	6.9	0	0		
		90			0.1	0.1	0.1	6.9	0	0		
		120			0.1	0.1	0.1	6.8	0	0		
		150			0.1	0.1	0.1	6.8	0	0		
		180			0.1	0.1	0.1	6.9	0	0		
		210			0.1	0.1	0.1	6.9	0	0		
		240			0.1	0.1	0.1	6.9	0	0		
		270			0.1	0.1	0.1	7	0	0		
		300			0.1	0.1	0.1	7	0	0		

e3p	**Site:**	Cherryfield Drive		**Visit Number:**		10	
	Job Number:	15-280		**Date:**		8/04/2024	
				Weather:		Overcast	
				Temperature:		11 - 12.5	(°C)
	Drafted	**Rev**	**Auth**	**Start Time:**	10:05:00 AM	**Start Pressure:**	998
	SK	PW		**End Time:**	11:45:00 AM	**End Pressure:**	998

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									**1.48**	**1.46**
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	7.4	0.0	0.0		
	STEADY				0.1	0.1	0.1	7.0	0.0	0.0		

e3p	Site:	Cherryfield Drive	Visit Number:	11		
	Job Number:	15-280	Date:	18/04/2024		
			Weather:	Overcast		
			Temperature:	11.00	(°C)	
	Drafted	Rev	Auth	Start Time:	12:00:00 PM	Start Pressure:	1018
	SK	PW		End Time:	1:40:00 PM	End Pressure:	1016

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	1016		5.1	20.5	9.4	5.8	0	0	3.6	3.32
		60			0.1	21.3	9.5	5.6	14	0		
		90			0.1	21.3	9.5	5.6	16	0		
		120			0.1	21.4	9.6	5.6	16	0		
		150			0.1	21.6	9.6	5.5	16	0		
		180			0.1	21.7	9.6	5.5	17	0		
		210			0.1	21.7	9.6	5.5	16	0		
		240			0.1	21.7	9.6	5.5	17	0		
		270			0.1	21.8	9.7	5.4	17	0		
		300			0.1	21.9	9.7	5.4	16	0		
		330			0.1	22	9.7	5.4	17	0		
		360			0.1	22	9.7	5.4	17	0		
		390			0.1	22.1	9.7	5.4	17	0		
		420			0.1	22.2	9.7	5.3	17	0		
		450			0.1	22.3	9.8	5.3	17	0		
		480			0.1	22.5	9.8	5.3	16	0		
		510			0.1	22.5	9.8	5.3	16	0		
		540			0.1	22.5	9.9	5.3	17	0		
		570			0.1	22.6	9.9	5.3	16	0		
		600			0.1	22.7	9.9	5.2	17	0		
	MAX				5.1	22.7	9.9	5.8	17.0	0.0		
	STEADY				0.1	22.7	9.9	5.2	17.0	0.0		
WS202	2.00 - 3.00	30	1016		0.1	0.1	0.3	20.2	0	0	2.25	1.78
		60			0.1	0.1	0.3	20.3	0	0		
		90			0.1	0.1	0.2	20.4	0	0		
		120			0.1	0.1	0.2	20.4	0	0		
		150			0.1	0.1	0.1	20.5	0	0		
		180			0.1	0.1	0.1	20.5	0	0		
		210			0.1	0.1	0.1	20.5	0	0		
		240			0.1	0.1	0.1	20.5	0	0		
		270			0.1	0.1	0.1	20.5	0	0		
		300			0.1	0.1	0.1	20.6	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.3	20.6	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.6	0.0	0.0		
WS204	1.50 - 3.00	30	1016		0.1	0.1	0.1	20.6	0	0	1.87	1.36
		60			0.1	0.1	0.1	20.6	0	0		
		90			0.1	0.1	0.1	20.6	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.5	0	0		
		180			0.1	0.1	0.1	20.4	0	0		
		210			0.1	0.1	0.2	20.3	0	0		
		240			0.1	0.1	0.3	20.2	0	0		
		270			0.1	0.1	0.4	20.1	0	0		
		300			0.1	0.1	0.4	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.4	20.6	0.0	0.0		
	STEADY				0.1	0.1	0.4	20.0	0.0	0.0		
	1.00 - 2.50	30	1018		0.1	0.1	0.1	10.5	0	0		
		60			0.1	0.1	0.1	10.3	0	0		
		90			0.1	0.1	0.1	10.2	0	0		
		120			0.1	0.1	0.1	10.2	0	0		
		150			0.1	0.1	0.1	10.3	0	0		
		180			0.1	0.1	0.1	10.3	0	0		
		210			0.1	0.1	0.1	10.4	0	0		
		240			0.1	0.1	0.1	10.5	0	0		
		270			0.1	0.1	0.1	10.6	0	0		
		300			0.1	0.1	0.1	10.6	0	0		

e3p	Site:	Cherryfield Drive		Visit Number:		11		
	Job Number:	15-280		Date:		18/04/2024		
				Weather:		Overcast		
				Temperature:		11.00	(°C)	
	Drafted	Rev	Auth	Start Time:	12:00:00 PM	Start Pressure:	1018	
	SK	PW		End Time:	1:40:00 PM	End Pressure:	1016	
Comments:								
Flooded Wells: Damaged Wells:								

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									1.48	1.46
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	10.6	0.0	0.0		
	STEADY				0.1	0.1	0.1	10.6	0.0	0.0		

Site:	Cherryfield Drive		**Visit Number:**	12		
Job Number:	15-280		**Date:**	9/05/2024		
			Weather:	Overcast		
			Temperature:	14.00	(°C)	
Drafted	**Rev**	**Auth**	**Start Time:**	8:25:00 AM	**Start Pressure:**	1023
SK	PW		**End Time:**	10:10:00 AM	**End Pressure:**	1022

Comments: WS202 bailed and left to recharge before readings taken

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	1022		0.1	36.7	13.5	0.6	10	0	3.6	Dry
		60			0.1	37.5	13.6	0.3	10	0		
		90			0.1	37.5	13.7	0.2	10	0		
		120			0.1	37.6	13.7	0.2	10	0		
		150			0.1	37.6	13.7	0.2	10	0		
		180			0.1	37.7	13.7	0.1	10	0		
		210			0.1	37.7	13.7	0.1	11	0		
		240			0.1	37.7	13.7	0.1	11	0		
		270			0.1	37.6	13.7	0.1	10	0		
		300			0.1	37.6	13.7	0.1	10	0		
		330			0.1	37.6	13.7	0.1	11	0		
		360			0.1	37.5	13.7	0.1	10	0		
		390			0.1	37.6	13.8	0.1	10	0		
		420			0.1	37.6	13.6	0.1	10	0		
		450			0.1	37.6	13.7	0.1	10	0		
		480			0.1	37.5	13.7	0.1	11	0		
		510			0.1	37.6	13.7	0.1	10	0		
		540			0.1	37.7	13.7	0.1	10	0		
		570			0.1	37.9	13.8	0.1	10	0		
		600			0.1	37.8	13.7	0.1	10	0		
	MAX				0.1	37.9	13.8	0.6	11.0	0.0		
	STEADY				0.1	37.8	13.7	0.1	10.0	0.0		
WS202	2.00 - 3.00	30	1022		0.1	0.1	0.5	19.7	0	0	2.25	1.92
		60			0.1	0.1	0.5	19.7	0	0		
		90			0.1	0.1	0.6	19.4	0	0		
		120			0.1	0.1	0.6	19	0	0		
		150			0.1	0.1	0.7	18.6	0	0		
		180			0.1	0.1	0.7	18.5	0	0		
		210			0.1	0.1	0.6	18.9	0	0		
		240			0.1	0.1	0.7	18.7	0	0		
		270			0.1	0.1	0.7	18.3	0	0		
		300			0.1	0.1	0.7	18.2	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.7	19.7	0.0	0.0		
	STEADY				0.1	0.1	0.7	18.2	0.0	0.0		
WS204	1.50 - 3.00	30	1022		0.1	0.1	0.6	19.7	0	0	1.87	1.81
		60			0.1	0.1	0.6	20.1	0	0		
		90			0.1	0.1	0.6	20.1	0	0		
		120			0.1	0.1	0.6	20.2	0	0		
		150			0.1	0.1	0.6	20.2	0	0		
		180			0.1	0.1	0.6	20.2	0	0		
		210			0.1	0.1	0.6	20.2	0	0		
		240			0.1	0.1	0.6	20.2	0	0		
		270			0.1	0.1	0.6	20.2	0	0		
		300			0.1	0.1	0.6	20.2	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.6	20.2	0.0	0.0		
	STEADY				0.1	0.1	0.6	20.2	0.0	0.0		
		30	1023		0.1	0.1	0.2	7	0	0		
		60			0.1	0.1	0.2	6.8	0	0		
		90			0.1	0.1	0.2	6.7	0	0		
		120			0.1	0.1	0.2	6.7	0	0		
		150			0.1	0.1	0.2	6.8	0	0		
		180			0.1	0.1	0.1	6.8	0	0		
		210			0.1	0.1	0.1	6.9	0	0		
		240			0.1	0.1	0.1	6.9	0	0		
		270			0.1	0.1	0.1	7	0	0		
	1.00 - 2.50	300			0.1	0.1	0.1	7	0	0		

e3p	**Site:**	Cherryfield Drive		**Visit Number:**		12	
	Job Number:	15-280		**Date:**		9/05/2024	
				Weather:		Overcast	
				Temperature:		14.00	(°C)
	Drafted	**Rev**	**Auth**	**Start Time:**	8:25:00 AM	**Start Pressure:**	1023
	SK	PW		**End Time:**	10:10:00 AM	**End Pressure:**	1022

Comments: WS202 bailed and left to recharge before readings taken

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									**1.48**	**1.46**
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.2	7.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	7.0	0.0	0.0		

Site:	Cherryfield Drive		Visit Number:	13		
Job Number:	15-280		Date:	31/05/2024		
			Weather:	Overcast		
			Temperature:	17.00	(°C)	
Drafted	Rev	Auth	Start Time:	12:20:00 PM	Start Pressure:	1019
SK	PW		End Time:	2:05:00 PM	End Pressure:	1018

Comments: WS202, 204 & 213 bailed and left to recharge before readings taken

Flooded Wells: WS202 flooded following recharge
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	1018		0.1	0.1	0.2	20.3	0	0	3.62	3.27
		60			0.1	0.1	0.2	20.6	0	0		
		90			0.1	0.1	0.2	20.6	0	0		
		120			0.1	0.1	0.1	20.7	0	0		
		150			0.1	0.1	0.2	20.6	0	0		
		180			0.1	0.1	0.1	20.7	0	0		
		210			0.1	0.1	0.1	20.7	0	0		
		240			0.1	0.1	0.1	20.7	0	0		
		270			0.1	0.1	0.1	20.7	0	0		
		300			0.1	0.1	0.1	20.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.2	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.7	0.0	0.0		
WS202	2.00 - 3.00	30	1018		0.1	0.1	0.3	20	0	0	2.25	1.65
		60			0.1	0.1	0.2	20.3	0	0		
		90			0.1	0.1	0.1	20.5	0	0		
		120			0.1	0.1	0.1	20.6	0	0		
		150			0.1	0.1	0.1	20.6	0	0		
		180			0.1	0.1	0.1	20.7	0	0		
		210			0.1	0.1	0.1	20.7	0	0		
		240			0.1	0.1	0.1	20.7	0	0		
		270			0.1	0.1	0.1	20.7	0	0		
		300			0.1	0.1	0.1	20.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.3	20.7	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.7	0.0	0.0		
WS204	1.50 - 3.00	30	1018		0.1	0.1	0.2	20.5	0	0	1.88	1.3
		60			0.1	0.1	0.2	20.5	0	0		
		90			0.1	0.1	0.2	20.4	0	0		
		120			0.1	0.1	0.3	20.2	0	0		
		150			0.1	0.1	0.4	20.1	0	0		
		180			0.1	0.1	0.4	20	0	0		
		210			0.1	0.1	0.4	19.9	0	0		
		240			0.1	0.1	0.5	19.8	0	0		
		270			0.1	0.1	0.5	19.7	0	0		
		300			0.1	0.1	0.5	19.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.5	20.5	0.0	0.0		
	STEADY				0.1	0.1	0.5	19.7	0.0	0.0		
		30	1019		0.1	0.1	0.2	6.5	0	0		
		60			0.1	0.1	0.2	6.2	0	0		
		90			0.1	0.1	0.2	6.2	0	0		
		120			0.1	0.1	0.2	6.2	0	0		
		150			0.1	0.1	0.2	6.2	0	0		
		180			0.1	0.1	0.2	6.3	0	0		
		210			0.1	0.1	0.2	6.4	0	0		
		240			0.1	0.1	0.1	6.5	0	0		
		270			0.1	0.1	0.1	6.5	0	0		
	1.00 - 2.50	300			0.1	0.1	0.1	6.6	0	0		

e3p	**Site:**	Cherryfield Drive		**Visit Number:**	13		
	Job Number:	15-280		**Date:**	31/05/2024		
				Weather:	Overcast		
				Temperature:	17.00	(°C)	
	Drafted	**Rev**	**Auth**	**Start Time:**	12:20:00 PM	**Start Pressure:**	1019
	SK	PW		**End Time:**	2:05:00 PM	**End Pressure:**	1018

Comments: WS202, 204 & 213 bailed and left to recharge before readings taken

Flooded Wells: WS202 flooded following recharge
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									**1.48**	**1.46**
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.2	6.6	0.0	0.0		
	STEADY				0.1	0.1	0.1	6.6	0.0	0.0		

e3p	Site:	Cherryfield Drive	Visit Number:	14				
	Job Number:	15-280	Date:	12/06/2024				
			Weather:	Overcast				
			Temperature:	11.00	(°C)			
	Drafted	Rev	Auth	Start Time:	12:20:00 PM	Start Pressure:	1017	
	SK	PW		End Time:	2:20:00 PM	End Pressure:	1016	

Comments: WS202, 204, 113 bailed and left to recharge before readings taken.

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	1017		3.2	54.1	22	0.5	0	0	3.62	3
		60			0.1	55.1	22.3	0.2	0	0		
		90			0.1	55.2	22.3	0.1	0	0		
		120			0.1	55.1	22.4	0.1	10	0		
		150			0.1	55.1	22.4	0.1	10	0		
		180			0.1	55.4	22.4	0.1	10	0		
		210			0.1	55.3	22.4	0.1	10	0		
		240			0.1	55.4	22.4	0.1	10	0		
		270			0.1	55.4	22.4	0.1	10	0		
		300			0.1	55.3	22.4	0.1	10	0		
		330			0.1	55.2	22.5	0.1	10	0		
		360			0.1	55.3	22.5	0.1	10	0		
		390			0.1	55.6	22.5	0.1	0	0		
		420			0.1	55.4	22.5	0.1	10	0		
		450			0.1	55.4	22.5	0.1	10	0		
		480			0.1	55.6	22.5	0.1	10	0		
		510			0.1	55.5	22.5	0.1	10	0		
		540			0.1	55.5	22.5	0.1	10	0		
		570			0.1	55.5	22.5	0.1	10	0		
		600			0.1	55.6	22.5	0.1	0	0		
	MAX				3.2	55.6	22.5	0.5	10.0	0.0		
	STEADY				0.1	55.6	22.5	0.1	0.0	0.0		
WS202	2.00 - 3.00	30	1016		1.3	0.1	0.5	19.9	0	0	2.25	1.74
		60			0.1	0.1	0.5	19.8	0	0		
		90			0.1	0.1	0.5	19.6	0	0		
		120			0.1	0.1	0.6	19.3	0	0		
		150			0.1	0.1	0.6	19	0	0		
		180			0.1	0.1	0.7	18.7	0	0		
		210			0.1	0.1	0.7	18.5	0	0		
		240			0.1	0.1	0.7	18.3	0	0		
		270			0.1	0.1	0.8	18.1	0	0		
		300			0.1	0.1	0.8	17.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				1.3	0.1	0.8	19.9	0.0	0.0		
	STEADY				0.1	0.1	0.8	17.9	0.0	0.0		
WS204	1.50 - 3.00	30	1016		0.1	0.1	0.2	20.5	0	0	1.87	1.28
		60			0.1	0.1	0.2	20.6	0	0		
		90			0.1	0.1	0.2	20.6	0	0		
		120			0.1	0.1	0.2	20.5	0	0		
		150			0.1	0.1	0.3	20.5	0	0		
		180			0.1	0.1	0.3	20.3	0	0		
		210			0.1	0.1	0.4	20.2	0	0		
		240			0.1	0.1	0.4	20.1	0	0		
		270			0.1	0.1	0.5	20.1	0	0		
		300			0.1	0.1	0.5	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.5	20.6	0.0	0.0		
	STEADY				0.1	0.1	0.5	20.0	0.0	0.0		
	1.00 - 2.50	30	1016		0.1	0.1	0.2	8.9	0	0		
		60			0.1	0.1	0.2	8.5	0	0		
		90			0.1	0.1	0.2	8.4	0	0		
		120			0.1	0.1	0.2	8.4	0	0		
		150			0.1	0.1	0.2	8.4	0	0		
		180			0.1	0.1	0.2	8.6	0	0		
		210			0.1	0.1	0.2	8.7	0	0		
		240			0.1	0.1	0.2	8.8	0	0		
		270			0.1	0.1	0.1	8.9	0	0		
		300			0.1	0.1	0.1	9	0	0		

e3p	**Site:**	Cherryfield Drive		**Visit Number:**		14	
	Job Number:	15-280		**Date:**		12/06/2024	
				Weather:		Overcast	
				Temperature:		11.00	(°C)
	Drafted	**Rev**	**Auth**	**Start Time:**	12:20:00 PM	**Start Pressure:**	1017
	SK	PW		**End Time:**	2:20:00 PM	**End Pressure:**	1016

Comments: WS202, 204, 113 bailed and left to recharge before readings taken.

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									**1.48**	**1.45**
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.2	9.0	0.0	0.0		
	STEADY				0.1	0.1	0.1	9.0	0.0	0.0		

Site:	Cherryfield Drive		Visit Number:	15		
Job Number:	15-280		Date:	21/06/2024		
			Weather:	Sunny		
			Temperature:	15.00	(°C)	
Drafted	Rev	Auth	Start Time:	7:35:00 AM	Start Pressure:	1008
SK	PW		End Time:	10:00:00 AM	End Pressure:	1007

Comments: WS202 and 113 bailed and left to recharge before readings taken.

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	1008		2.8	60.5	23.2	0.1	0	0	3.64	3.43
		60			0.1	62.1	23.4	0.1	0	0		
		90			0.1	62.1	23.6	0.1	0	0		
		120			0.1	62	23.6	0.1	0	0		
		150			0.1	62	23.6	0.1	0	0		
		180			0.1	61.9	23.5	0.1	0	0		
		210			0.1	62	23.6	0.1	0	0		
		240			0.1	61.9	23.6	0.1	0	0		
		270			0.1	62.1	23.6	0.1	0	0		
		300			0.1	62.2	23.6	0.1	0	0		
		330			0.1	62.3	23.6	0.1	0	0		
		360			0.1	62.2	23.6	0.1	0	0		
		390			0.1	62.1	23.6	0.1	0	0		
		420			0.1	62.2	23.6	0.1	0	0		
		450			0.1	62.2	23.6	0.1	0	0		
		480			0.1	62.1	23.6	0.1	0	0		
		510			0.1	62.1	23.6	0.1	0	0		
		540			0.1	62.1	23.6	0.1	0	0		
		570			0.1	62.1	23.6	0.1	0	0		
		600			0.1	62.1	23.6	0.1	0	0		
	MAX				2.8	62.3	23.6	0.1	0.0	0.0		
	STEADY				0.1	62.1	23.6	0.1	0.0	0.0		
WS202	2.00 - 3.00	30	1009		0.1	0.1	0.6	19.7	0	0	2.25	1.96
		60			0.1	0.1	0.6	19.6	0	0		
		90			0.1	0.1	0.7	19.3	0	0		
		120			0.1	0.1	0.9	18.7	0	0		
		150			0.1	0.1	1	18.1	0	0		
		180			0.1	0.1	1.3	17.4	0	0		
		210			0.1	0.1	1.6	16.6	0	0		
		240			0.1	0.1	1.8	15.9	0	0		
		270			0.1	0.1	2.1	15.1	0	0		
		300			0.1	0.1	2.3	14.4	0	0		
		330			0.1	0.1	2.5	13.7	0	0		
		360			0.1	0.1	3	12.9	0	0		
		390			0.1	1.8	4	10.9	0	0		
		420			0.1	3.4	4.2	10.1	0	0		
		450			0.1	4.5	4.3	9.7	0	0		
		480			0.1	5.8	4.4	9.4	0	0		
		510			0.1	6.7	4.5	9.1	0	0		
		540			0.1	7.3	4.6	8.9	0	0		
		570			0.1	8.7	4.7	8.5	0	0		
		600			0.1	9.2	4.7	8.4	0	0		
	MAX				0.1	9.2	4.7	19.7	0.0	0.0		
	STEADY				0.1	9.2	4.7	8.4	0.0	0.0		
WS204	1.50 - 3.00	30	1007		0.1	0.1	0.4	20.3	0	0	1.87	1.56
		60			0.1	0.1	0.5	20.3	0	0		
		90			0.1	0.1	0.5	20.3	0	0		
		120			0.1	0.1	0.5	20.2	0	0		
		150			0.1	0.1	0.5	20.2	0	0		
		180			0.1	0.1	0.6	20.1	0	0		
		210			0.1	0.1	0.6	20.1	0	0		
		240			0.1	0.1	0.6	20.1	0	0		
		270			0.1	0.1	0.7	20	0	0		
		300			0.1	0.1	0.7	20	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.7	20.3	0.0	0.0		
	STEADY				0.1	0.1	0.7	20.0	0.0	0.0		
	1.00 - 2.50	30	1009		0.1	0.1	0.3	7.2	0	0		
		60			0.1	0.1	0.3	6.9	0	0		
		90			0.1	0.1	0.3	6.9	0	0		
		120			0.1	0.1	0.3	6.8	0	0		
		150			0.1	0.1	0.3	6.8	0	0		
		180			0.1	0.1	0.3	6.9	0	0		
		210			0.1	0.1	0.3	6.9	0	0		
		240			0.1	0.1	0.3	6.9	0	0		
		270			0.1	0.1	0.2	7	0	0		
		300			0.1	0.1	0.2	7	0	0		

e3p	**Site:**	Cherryfield Drive		**Visit Number:**		15	
	Job Number:	15-280		**Date:**		21/06/2024	
				Weather:		Sunny	
				Temperature:		15.00	(°C)
	Drafted	**Rev**	**Auth**	**Start Time:**	7:35:00 AM	**Start Pressure:**	1008
	SK	PW		**End Time:**	10:00:00 AM	**End Pressure:**	1007

Comments: WS202 and 113 bailed and left to recharge before readings taken.

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									**1.48**	**1.46**
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.3	7.2	0.0	0.0		
	STEADY				0.1	0.1	0.2	7.0	0.0	0.0		

Site:	Cherryfield Drive		**Visit Number:**		**16**	
Job Number:	15-280		**Date:**		1/07/2024	
			Weather:		Overcast	
			Temperature:		13.00	(°C)
Drafted	**Rev**	**Auth**	**Start Time:**	7:20:00 AM	**Start Pressure:**	1013
SK	PW		**End Time:**	9:00:00 AM	**End Pressure:**	1012

Comments: WS202 bailed and left to recharge before readings taken.

Flooded Wells: WS202 flooded following recharge
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	1012		0.4	60.8	24.4	0.4	0	0	3.62	Dry
		60			0.1	61.8	24.6	0.1	0	0		
		90			0.1	62.1	24.6	0.1	0	0		
		120			0.1	62.2	24.6	0.1	0	0		
		150			0.1	62.3	24.7	0.1	0	0		
		180			0.1	62.3	24.7	0.1	0	0		
		210			0.1	62.3	24.7	0.1	0	0		
		240			0.1	62.4	24.7	0.1	0	0		
		270			0.1	62.5	24.6	0.1	0	0		
		300			0.1	62.4	24.7	0.1	0	0		
		330			0.1	62.4	24.7	0.1	0	0		
		360			0.1	62.5	24.7	0.1	0	0		
		390			0.1	62.5	24.7	0.1	0	0		
		420			0.1	62.3	24.7	0.1	0	25		
		450			0.1	62.2	24.7	0.1	0	25		
		480			0.1	60.1	24	0.6	0	25		
		510			0.1	60	24	1	0	25		
		540			0.1	58.3	23.4	1.5	0	25		
		570			0.1	56.5	22.8	1.8	0	25		
		600			0.1	53.6	21.6	2.7	0	25		
	MAX				0.4	62.5	24.7	2.7	0.0	25.0		
	STEADY				0.1	53.6	21.6	2.7	0.0	25.0		
WS202	2.00 - 3.00	30	1012		0.1	0.1	0.2	20.5	0	0	2.25	0.75
		60			0.1	0.1	0.2	20.5	0	0		
		90			0.1	0.1	0.2	20.5	0	0		
		120			0.1	0.1	0.1	20.4	0	0		
		150			0.1	0.1	0.1	20.5	0	0		
		180			0.1	0.1	0.1	20.5	0	0		
		210			0.1	0.1	0.1	20.5	0	0		
		240			0.1	0.1	0.1	20.5	0	0		
		270			0.1	0.1	0.1	20.5	0	0		
		300			0.1	0.1	0.1	20.5	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.2	20.5	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.5	0.0	0.0		
WS204	1.50 - 3.00	30	1013		0.1	0.1	0.4	20.1	0	0	1.86	Dry
		60			0.1	0.1	0.4	20.3	0	0		
		90			0.1	0.1	0.4	20.3	0	0		
		120			0.1	0.1	0.4	20.2	0	0		
		150			0.1	0.1	0.5	20.2	0	0		
		180			0.1	0.1	0.5	20.1	0	0		
		210			0.1	0.1	0.6	20	0	0		
		240			0.1	0.1	0.6	19.9	0	0		
		270			0.1	0.1	0.6	19.8	0	0		
		300			0.1	0.1	0.7	19.8	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.7	20.3	0.0	0.0		
	STEADY				0.1	0.1	0.7	19.8	0.0	0.0		
		30	1012		0.1	0.1	0.4	2.2	0	0		
		60			0.1	0.1	0.4	1.8	0	0		
		90			0.1	0.1	0.4	1.7	0	0		
		120			0.1	0.1	0.4	1.7	0	0		
		150			0.1	0.1	0.4	1.7	0	0		
		180			0.1	0.1	0.4	1.7	0	0		
		210			0.1	0.1	0.4	1.8	0	0		
		240			0.1	0.1	0.4	1.8	0	0		
		270			0.1	0.1	0.4	1.9	0	0		
	1.00 - 2.50	300			0.1	0.1	0.4	1.9	0	0		

e3p	Site:	Cherryfield Drive		Visit Number:	16		
	Job Number:	15-280		Date:	1/07/2024		
				Weather:	Overcast		
				Temperature:	13.00	(°C)	
	Drafted	Rev	Auth	Start Time:	7:20:00 AM	Start Pressure:	1013
	SK	PW		End Time:	9:00:00 AM	End Pressure:	1012

Comments: WS202 bailed and left to recharge before readings taken.

Flooded Wells: WS202 flooded following recharge
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									1.48	1.46
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.4	2.2	0.0	0.0		
	STEADY				0.1	0.1	0.4	1.9	0.0	0.0		

Site:	Cherryfield Drive		Visit Number:	17		
Job Number:	15-280		Date:	7/08/2024		
			Weather:	Overcast		
			Temperature:	16.00	(°C)	
Drafted	Rev	Auth	Start Time:	8:05:00 AM	Start Pressure:	1004
SK	PW		End Time:	9:45:00 AM	End Pressure:	1004

Comments: WS202 bailed and left to recharge before readings taken.

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	1004		0.8	63.2	24.7	1.4	0	0	3.62	Dry
		60			0.1	68.1	26.2	0.2	0	0		
		90			0.1	68.6	26.4	0.1	0	0		
		120			0.1	60.4	26.4	0.1	0	0		
		150			0.1	68.3	26.4	0.1	0	25		
		180			0.1	68.5	26.4	0.1	0	25		
		210			0.1	68.5	26.4	0.1	0	25		
		240			0.1	68.5	26.5	0.1	0	25		
		270			0.1	68.5	26.4	0.1	0	25		
		300			0.1	68.5	26.5	0.1	0	30		
		330			0.1	68.4	26.5	0.1	0	30		
		360			0.1	68.4	26.4	0.1	0	30		
		390			0.1	68.5	26.4	0.1	0	30		
		420			0.1	68.4	26.4	0.1	0	30		
		450			0.1	60.4	26.5	0.1	0	30		
		480			0.1	68.4	26.5	0.6	0	30		
		510			0.1	68.4	26.5	1	0	30		
		540			0.1	68.4	26.4	1.5	0	30		
		570			0.1	68.5	26.5	1.8	0	30		
		600			0.1	68.4	26.4	2.7	0	30		
	MAX				0.8	68.6	26.5	2.7	0.0	30.0		
	STEADY				0.1	68.4	26.4	2.7	0.0	30.0		
WS202	2.00 - 3.00	30	1004		0.1	0.1	0.3	20.6	0	0	2.25	0.34
		60			0.1	0.1	0.2	20.6	0	0		
		90			0.1	0.1	0.2	20.6	0	0		
		120			0.1	0.1	0.2	20.6	0	0		
		150			0.1	0.1	0.2	20.6	0	0		
		180			0.1	0.1	0.2	20.6	0	0		
		210			0.1	0.1	0.2	20.6	0	0		
		240			0.1	0.1	0.2	20.6	0	0		
		270			0.1	0.1	0.2	20.6	0	0		
		300			0.1	0.1	0.2	20.6	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.3	20.6	0.0	0.0		
	STEADY				0.1	0.1	0.2	20.6	0.0	0.0		
WS204	1.50 - 3.00	30	1003		0.1	0.1	0.9	19.2	0	0	1.86	1.7
		60			0.1	0.1	0.9	19.3	0	0		
		90			0.1	0.1	0.9	19.3	0	0		
		120			0.1	0.1	0.9	19.3	0	0		
		150			0.1	0.1	0.9	19.3	0	0		
		180			0.1	0.1	0.9	19.3	0	0		
		210			0.1	0.1	0.9	19.3	0	0		
		240			0.1	0.1	0.9	19.4	0	0		
		270			0.1	0.1	0.9	19.4	0	0		
		300			0.1	0.1	0.9	19.4	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.9	19.4	0.0	0.0		
	STEADY				0.1	0.1	0.9	19.4	0.0	0.0		
	1.00 - 2.50	30	1004		0.1	0.1	0.6	3.5	0	0		
		60			0.1	0.1	0.6	1.6	0	0		
		90			0.1	0.1	0.6	1.4	0	0		
		120			0.1	0.1	0.6	1.4	0	0		
		150			0.1	0.1	0.6	1.4	0	0		
		180			0.1	0.1	0.6	1.3	0	0		
		210			0.1	0.1	0.6	1.3	0	0		
		240			0.1	0.1	0.6	1.3	0	0		
		270			0.1	0.1	0.6	1.3	0	0		
		300			0.1	0.1	0.6	1.3	0	0		

e3p	**Site:**	Cherryfield Drive		**Visit Number:**		17	
	Job Number:	15-280		**Date:**		7/08/2024	
				Weather:		Overcast	
				Temperature:		16.00	(°C)
	Drafted	**Rev**	**Auth**	**Start Time:**	8:05:00 AM	**Start Pressure:**	1004
	SK	PW		**End Time:**	9:45:00 AM	**End Pressure:**	1004

Comments: WS202 bailed and left to recharge before readings taken.

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									**1.48**	**1.47**
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.6	3.5	0.0	0.0		
	STEADY				0.1	0.1	0.6	1.3	0.0	0.0		

Site:	Cherryfield Drive	**Visit Number:**	**18**				
Job Number:	15-280	**Date:**	16/08/2024				
		Weather:	Overcast				
		Temperature:	12.00	(°C)			
Drafted	**Rev**	**Auth**	**Start Time:**	7:20:00 AM	**Start Pressure:**	1012	
SK	PW		**End Time:**	9:30:00 AM	**End Pressure:**	1011	

Comments: WS202 bailed and left to recharge before readings taken.

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	1011		0.1	0.1	1	19.3	0	0	3.6	3.08
		60			0.1	0.1	0.7	19.7	0	0		
		90			0.1	0.1	0.6	20	0	0		
		120			0.1	0.1	0.4	20.2	0	0		
		150			0.1	0.1	0.3	20.3	0	0		
		180			0.1	0.1	0.3	20.3	0	0		
		210			0.1	0.1	0.3	20.3	0	0		
		240			0.1	0.1	0.2	20.3	0	0		
		270			0.1	0.1	0.2	20.4	0	0		
		300			0.1	0.1	0.2	20.4	0	0		
		330			0.1	0.1	0.2	20.4	0	0		
		360			0.1	0.1	0.2	20.4	0	0		
		390			0.1	0.1	0.2	20.4	0	0		
		420			0.1	0.1	0.3	20.3	0	0		
		450			0.1	0.1	0.3	20.3	0	0		
		480			0.1	0.1	0.3	20.2	0	0		
		510			0.1	0.1	0.4	20.1	0	0		
		540			0.1	0.1	0.5	20.1	0	0		
		570			0.1	0.1	0.5	20	0	0		
		600			0.1	0.1	0.6	19.8	0	0		
	MAX				0.1	0.1	1.0	20.4	0.0	0.0		
	STEADY				0.1	0.1	0.6	19.8	0.0	0.0		
WS202	2.00 - 3.00	30	1011		10.9	0.1	0.5	20	0	0	2.21	2.08
		60			0.1	0.1	0.5	20	0	0		
		90			0.1	0.1	0.5	20.1	0	0		
		120			0.1	0.1	0.4	20.2	0	0		
		150			0.1	0.1	0.4	20.2	0	0		
		180			0.1	0.1	0.3	20.2	0	0		
		210			0.1	0.1	0.3	20.3	0	0		
		240			0.1	0.1	0.3	20.3	0	0		
		270			0.1	0.1	0.2	20.4	0	0		
		300			0.1	0.1	0.2	20.4	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				10.9	0.1	0.5	20.4	0.0	0.0		
	STEADY				0.1	0.1	0.2	20.4	0.0	0.0		
WS204	1.50 - 3.00	30	1012		0.1	0.1	0.8	19.5	0	0	1.88	1.52
		60			0.1	0.1	0.8	19.5	0	0		
		90			0.1	0.1	0.8	19.5	0	0		
		120			0.1	0.1	0.8	19.5	0	0		
		150			0.1	0.1	0.8	19.6	0	0		
		180			0.1	0.1	0.8	19.6	0	0		
		210			0.1	0.1	0.8	19.6	0	0		
		240			0.1	0.1	0.8	19.6	0	0		
		270			0.1	0.1	0.8	19.7	0	0		
		300			0.1	0.1	0.8	19.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.8	19.7	0.0	0.0		
	STEADY				0.1	0.1	0.8	19.7	0.0	0.0		
	1.00 - 2.50	30	1011		0.1	0.1	0.5	3.4	0	0		
		60			0.1	0.1	0.5	2.9	0	0		
		90			0.1	0.1	0.5	2.9	0	0		
		120			0.1	0.1	0.5	2.9	0	0		
		150			0.1	0.1	0.5	3	0	0		
		180			0.1	0.1	0.4	3	0	0		
		210			0.1	0.1	0.5	3.1	0	0		
		240			0.1	0.1	0.5	3.1	0	0		
		270			0.1	0.1	0.5	3.2	0	0		
		300			0.1	0.1	0.5	3.2	0	0		

e3p	**Site:**	Cherryfield Drive		**Visit Number:**		18	
	Job Number:	15-280		**Date:**		16/08/2024	
				Weather:		Overcast	
				Temperature:		12.00	(°C)
	Drafted	**Rev**	**Auth**	**Start Time:**	7:20:00 AM	**Start Pressure:**	1012
	SK	PW		**End Time:**	9:30:00 AM	**End Pressure:**	1011

Comments: WS202 bailed and left to recharge before readings taken.

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									**1.48**	**1.45**
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.5	3.4	0.0	0.0		
	STEADY				0.1	0.1	0.5	3.2	0.0	0.0		

Site:	Cherryfield Drive	**Visit Number:**	**19**				
Job Number:	15-280	**Date:**	22/08/2024				
		Weather:	Overcast				
		Temperature:	16.00	(°C)			
Drafted	**Rev**	**Auth**	**Start Time:**	12:35:00 PM	**Start Pressure:**	998	
SK	PW		**End Time:**	2:30:00 PM	**End Pressure:**	997	

Comments: WS202 bailed and left to recharge before readings taken.

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	998		0.1	6	4.2	16.2	0	0	3.6	3.53
		60			0.1	4.8	3.2	17.2	0	0		
		90			0.1	4	2.4	17.8	0	0		
		120			0.1	3.4	2.4	18.1	0	0		
		150			0.1	4.6	3.4	17.4	0	0		
		180			0.1	6.4	4.4	16	0	0		
		210			0.1	8.5	5.7	14.4	0	0		
		240			0.1	10.3	6.7	13.1	0	0		
		270			0.1	11.8	7.5	12	0	0		
		300			0.1	13.7	9.1	10.4	0	0		
		330			0.1	14.9	10	9.4	0	0		
		360			0.1	15.4	10.7	8.8	0	0		
		390			0.1	15.8	11.1	8.4	0	0		
		420			0.1	16.4	11.6	8	0	0		
		450			0.1	17.4	12.4	7.3	0	0		
		480			0.1	17.9	12.7	7	0	0		
		510			0.1	18.4	12.9	6.8	0	0		
		540			0.1	18.7	13.1	6.6	0	0		
		570			0.1	19.2	13.3	6.4	0	0		
		600			0.1	19.4	13.4	6.3	0	0		
	MAX				0.1	19.4	13.4	18.1	0.0	0.0		
	STEADY				0.1	19.4	13.4	6.3	0.0	0.0		
WS202	2.00 - 3.00	30	998		0.1	0.1	3.9	15.3	0	0	2.25	1.97
		60			0.1	0.1	4	14.9	0	0		
		90			0.1	0.1	4.1	14.8	0	0		
		120			0.1	0.1	4.1	14.7	0	0		
		150			0.1	0.1	4.2	14.6	0	0		
		180			0.1	0.1	4.2	14.5	0	0		
		210			0.1	0.1	4.2	14.4	0	0		
		240			0.1	0.1	4.2	14.4	0	0		
		270			0.1	0.1	4.2	14.4	0	0		
		300			0.1	0.1	4.1	14.5	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	4.2	15.3	0.0	0.0		
	STEADY				0.1	0.1	4.1	14.5	0.0	0.0		
WS204	1.50 - 3.00	30	998		0.1	0.1	0.9	18.8	0	0	1.88	Dry
		60			0.1	0.1	1	18.9	0	0		
		90			0.1	0.1	1	19	0	0		
		120			0.1	0.1	1	19	0	0		
		150			0.1	0.1	1	19	0	0		
		180			0.1	0.1	1	19	0	0		
		210			0.1	0.1	1	19	0	0		
		240			0.1	0.1	1	19	0	0		
		270			0.1	0.1	1	19	0	0		
		300			0.1	0.1	1	19	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	1.0	19.0	0.0	0.0		
	STEADY				0.1	0.1	1.0	19.0	0.0	0.0		
		30	998		0.1	0.1	0.6	7.2	0	0		
		60			0.1	0.1	0.6	5	0	0		
		90			0.1	0.1	0.6	4.8	0	0		
		120			0.1	0.1	0.6	4.8	0	0		
		150			0.1	0.1	0.6	4.7	0	0		
		180			0.1	0.1	0.6	4.7	0	0		
		210			0.1	0.1	0.6	4.7	0	0		
		240			0.1	0.1	0.6	4.7	0	0		
		270			0.1	0.1	0.6	4.7	0	0		
	1.00 - 2.50	300			0.1	0.1	0.6	4.7	0	0		

e3p	**Site:**	Cherryfield Drive		**Visit Number:**		19	
	Job Number:	15-280		**Date:**		22/08/2024	
				Weather:		Overcast	
				Temperature:		16.00	(°C)
	Drafted	**Rev**	**Auth**	**Start Time:**	12:35:00 PM	**Start Pressure:**	998
	SK	PW		**End Time:**	2:30:00 PM	**End Pressure:**	997

Comments: WS202 bailed and left to recharge before readings taken.

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									**1.48**	**1.46**
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.6	7.2	0.0	0.0		
	STEADY				0.1	0.1	0.6	4.7	0.0	0.0		

Site:	Cherryfield Drive	**Visit Number:**	**20**				
Job Number:	15-280	**Date:**	25/09/2024				
		Weather:	Overcast				
		Temperature:	10.00	(°C)			
Drafted	**Rev**	**Auth**	**Start Time:**	9:25:00 AM	**Start Pressure:**	994	
SK	PW		**End Time:**	11:10:00 AM	**End Pressure:**	994	

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	994		3.2	70.7	24.7	0.6	0	0	3.6	2.86
		60			0.1	72.7	25	0.2	0	25		
		90			0.1	72.7	25	0.1	0	25		
		120			0.1	72.8	25	0.1	0	25		
		150			0.1	72.8	25	0.1	0	25		
		180			0.1	72.8	25.1	0.1	0	25		
		210			0.1	72.8	25.2	0.1	0	25		
		240			0.1	72.7	25.1	0.1	0	25		
		270			0.1	72.5	25	0.1	0	30		
		300			0.1	72.6	25.1	0.1	0	25		
		330			0.1	72.8	25.1	0.1	0	25		
		360			0.1	72.6	25.1	0.1	0	25		
		390			0.1	72.7	25	0.1	0	25		
		420			0.1	72.8	25.1	0.1	0	25		
		450			0.1	72.7	25.1	0.1	0	25		
		480			0.1	72.6	25.1	0.1	0	25		
		510			0.1	72.6	25.1	0.1	0	25		
		540			0.1	72.6	25.1	0.1	0	25		
		570			0.1	72.5	25.2	0.1	0	25		
		600			0.1	72.6	25.2	0.1	0	25		
	MAX				3.2	72.8	25.2	0.6	0.0	30.0		
	STEADY				0.1	72.6	25.2	0.1	0.0	25.0		
WS202	2.00 - 3.00	30	994		0.1	0.1	0.6	19.6	0	0	2.25	1.62
		60			0.1	0.1	0.6	19.5	0	0		
		90			0.1	0.1	0.7	19.1	0	0		
		120			0.1	0.1	0.8	18.6	0	0		
		150			0.1	0.1	0.8	18.4	0	0		
		180			0.1	0.1	0.8	18.2	0	0		
		210			0.1	0.1	0.9	18	0	0		
		240			0.1	0.1	1.2	17.2	0	0		
		270			0.1	0.1	1.2	17	0	0		
		300			0.1	0.1	1.4	16.5	0	0		
		330			0.1	0.1	1.9	15.7	0	0		
		360			0.1	0.1	2.4	14	0	0		
		390			0.1	1.2	2.8	13	0	0		
		420			0.1	1.9	3.1	12.4	0	0		
		450			0.1	3.3	3.5	11.5	0	0		
		480			0.1	4.5	3.8	10.9	0	0		
		510			0.1	5.6	4	10.4	0	0		
		540			0.1	7.1	4.2	9.8	0	0		
		570			0.1	8.5	4.4	9.3	0	0		
		600			0.1	9.7	4.6	8.9	0	0		
	MAX				0.1	9.7	4.6	19.6	0.0	0.0		
	STEADY				0.1	9.7	4.6	8.9	0.0	0.0		
WS204	1.50 - 3.00	30	994		0.1	0.1	0.5	20	0	0	1.87	1.3
		60			0.1	0.1	0.5	20	0	0		
		90			0.1	0.1	0.5	20	0	0		
		120			0.1	0.1	0.5	20	0	0		
		150			0.1	0.1	0.5	19.9	0	0		
		180			0.1	0.1	0.5	19.8	0	0		
		210			0.1	0.1	0.6	19.7	0	0		
		240			0.1	0.1	0.6	19.5	0	0		
		270			0.1	0.1	0.7	19.4	0	0		
		300			0.1	0.1	0.7	19.3	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.7	20.0	0.0	0.0		
	STEADY				0.1	0.1	0.7	19.3	0.0	0.0		
		30	994		0.1	0.1	0.4	6.4	0	0		
		60			0.1	0.1	0.4	6	0	0		
		90			0.1	0.1	0.3	5.9	0	0		
		120			0.1	0.1	0.3	6	0	0		
		150			0.1	0.1	0.3	6.1	0	0		
		180			0.1	0.1	0.3	6.2	0	0		
		210			0.1	0.1	0.3	6.3	0	0		
		240			0.1	0.1	0.3	6.3	0	0		
		270			0.1	0.1	0.3	6.4	0	0		
	1.00 - 2.50	300			0.1	0.1	0.3	6.5	0	0		

e3p	**Site:**	Cherryfield Drive		**Visit Number:**		20	
	Job Number:	15-280		**Date:**		25/09/2024	
				Weather:		Overcast	
				Temperature:		10.00	(°C)
	Drafted	**Rev**	**Auth**	**Start Time:**	9:25:00 AM	**Start Pressure:**	994
	SK	PW		**End Time:**	11:10:00 AM	**End Pressure:**	994

Comments:

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									**1.48**	**1.45**
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.4	6.5	0.0	0.0		
	STEADY				0.1	0.1	0.3	6.5	0.0	0.0		

e3p	Site:	Cherryfield Drive	Visit Number:	21				
	Job Number:	15-280	Date:	8/11/2024				
			Weather:	Overcast				
			Temperature:	9.00	(°C)			
	Drafted	Rev	Auth	Start Time:	12:55:00 PM	Start Pressure:	1021	
	SK	PW		End Time:	2:30:00 PM	End Pressure:	1020	

Comments: WS202 bailed and left to recharge before readings taken.

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	1020		6.3	70.9	24.1	0.1	0	0	3.6	Dry
		60			0.1	71.9	24.4	0.1	0	0		
		90			0.1	72.1	24.3	0.1	0	0		
		120			0.1	72.2	24.3	0.1	0	0		
		150			0.1	72.2	24.3	0.1	0	0		
		180			0.1	72.4	24.4	0.1	0	0		
		210			0.1	72.4	24.4	0.1	0	0		
		240			0.1	72.4	24.4	0.1	0	0		
		270			0.1	72.2	24.4	0.1	0	0		
		300			0.1	72.4	24.4	0.1	0	0		
		330			0.1	72.3	24.4	0.1	0	0		
		360			0.1	72.3	24.4	0.1	0	0		
		390			0.1	72.3	24.4	0.1	0	0		
		420			0.1	72.3	24.4	0.1	0	0		
		450			0.1	72.4	24.4	0.1	0	0		
		480			0.1	72.3	24.4	0.1	0	0		
		510			0.1	72.3	24.4	0.1	0	0		
		540			0.1	72.2	24.4	0.1	0	0		
		570			0.1	72.4	24.4	0.1	0	0		
		600			0.1	72.3	24.4	0.1	0	0		
	MAX				6.3	72.4	24.4	0.1	0.0	0.0		
	STEADY				0.1	72.3	24.4	0.1	0.0	0.0		
WS202	2.00 - 3.00	30	1020		2.0	0.1	0.6	18.6	0	0	2.25	1.54
		60			0.1	0.1	0.4	19.5	0	0		
		90			0.1	0.1	0.4	19.6	0	0		
		120			0.1	0.1	0.3	19.7	0	0		
		150			0.1	0.1	0.3	19.7	0	0		
		180			0.1	0.1	0.3	19.8	0	0		
		210			0.1	0.1	0.3	19.9	0	0		
		240			0.1	0.1	0.3	19.8	0	0		
		270			0.1	0.1	0.3	19.9	0	0		
		300			0.1	0.1	0.3	19.8	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				2.0	0.1	0.6	19.9	0.0	0.0		
	STEADY				0.1	0.1	0.3	19.8	0.0	0.0		
WS204	1.50 - 3.00	30	1020		1.9	0.1	0.5	20.1	0	0	1.87	1.85
		60			0.1	0.1	0.5	20.1	0	0		
		90			0.1	0.1	0.5	20.1	0	0		
		120			0.1	0.1	0.5	20.1	0	0		
		150			0.1	0.1	0.5	20.1	0	0		
		180			0.1	0.1	0.5	20.1	0	0		
		210			0.1	0.1	0.5	20	0	0		
		240			0.1	0.1	0.6	20	0	0		
		270			0.1	0.1	0.6	19.9	0	0		
		300			0.1	0.1	0.6	19.9	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				1.9	0.1	0.6	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.6	19.9	0.0	0.0		
		30	1021		2.0	0.1	0.3	8.2	0	0		
		60			0.1	0.1	0.3	7.9	0	0		
		90			0.1	0.1	0.3	7.8	0	0		
		120			0.1	0.1	0.3	7.8	0	0		
		150			0.1	0.1	0.3	7.8	0	0		
		180			0.1	0.1	0.3	7.8	0	0		
		210			0.1	0.1	0.3	7.8	0	0		
		240			0.1	0.1	0.3	7.8	0	0		
		270			0.1	0.1	0.3	7.8	0	0		
	1.00 - 2.50	300			0.1	0.1	0.3	7.8	0	0		

e3p	**Site:**	Cherryfield Drive		**Visit Number:**		21	
	Job Number:	15-280		**Date:**		8/11/2024	
				Weather:		Overcast	
				Temperature:		9.00	(°C)
	Drafted	**Rev**	**Auth**	**Start Time:**	12:55:00 PM	**Start Pressure:**	1021
	SK	PW		**End Time:**	2:30:00 PM	**End Pressure:**	1020

Comments: WS202 bailed and left to recharge before readings taken.

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									**1.48**	**1.46**
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				2.0	0.1	0.3	8.2	0.0	0.0		
	STEADY				0.1	0.1	0.3	7.8	0.0	0.0		

e3p	Site:	Cherryfield Drive	Visit Number:	22				
	Job Number:	15-280	Date:	20/11/2024				
			Weather:	Sunny				
			Temperature:	3.00	(°C)			
	Drafted	Rev	Auth	Start Time:	11:10:00 AM	Start Pressure:	1007	
	SK	PW		End Time:	12:50:00 PM	End Pressure:	1007	

Comments: WS202, WS204 & WS113 bailed and left to recharge before readings taken.

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	1007		1.5	18.1	10.7	9	0	0	3.6	2.95
		60			0.1	18.6	10.9	8.7	0	0		
		90			0.1	18.7	10.9	8.7	0	0		
		120			0.1	18.8	10.9	8.6	0	0		
		150			0.1	18.7	10.9	8.6	0	0		
		180			0.1	18.7	10.9	8.6	0	0		
		210			0.1	18.6	10.9	8.6	0	0		
		240			0.1	18.6	10.9	8.6	0	0		
		270			0.1	18.7	10.9	8.7	0	0		
		300			0.1	18.6	10.9	8.6	0	0		
		330			0.1	18.5	10.9	8.5	0	0		
		360			0.1	18.4	10.9	8.6	0	0		
		390			0.1	18.4	10.9	8.6	0	0		
		420			0.1	18.3	10.9	8.6	0	0		
		450			0.1	18.2	10.9	8.6	0	0		
		480			0.1	18.1	11	8.6	0	0		
		510			0.1	18.1	10.9	8.6	0	0		
		540			0.1	17.9	10.9	8.6	0	0		
		570			0.1	17.8	11	8.5	0	0		
		600			0.1	17.6	11	8.5	0	0		
	MAX				1.5	18.8	11.0	9.0	0.0	0.0		
	STEADY				0.1	17.6	11.0	8.5	0.0	0.0		
WS202	2.00 - 3.00	30	1007		0.1	0.1	0.9	17.7	0	0	2.25	1.71
		60			0.1	0.1	0.9	17.6	0	0		
		90			0.1	0.1	0.9	17.6	0	0		
		120			0.1	0.1	0.9	17.6	0	0		
		150			0.1	0.1	0.9	17.6	0	0		
		180			0.1	0.1	0.9	17.6	0	0		
		210			0.1	0.1	0.9	17.5	0	0		
		240			0.1	0.1	0.9	17.5	0	0		
		270			0.1	0.1	0.9	17.5	0	0		
		300			0.1	0.1	0.9	17.4	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.9	17.7	0.0	0.0		
	STEADY				0.1	0.1	0.9	17.4	0.0	0.0		
WS204	1.50 - 3.00	30	1007		0.1	0.1	0.7	17.1	0	0	1.87	1.37
		60			0.1	0.1	0.7	17.2	0	0		
		90			0.1	0.1	0.7	17.1	0	0		
		120			0.1	0.1	0.8	17	0	0		
		150			0.1	0.1	0.8	17	0	0		
		180			0.1	0.1	0.8	16.9	0	0		
		210			0.1	0.1	0.8	16.8	0	0		
		240			0.1	0.1	0.8	16.8	0	0		
		270			0.1	0.1	0.8	16.7	0	0		
		300			0.1	0.1	0.8	16.7	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.8	17.2	0.0	0.0		
	STEADY				0.1	0.1	0.8	16.7	0.0	0.0		
	1.00 - 2.50	30	1005		0.1	0.1	0.2	2.8	0	0		
		60			0.1	0.1	0.1	2.3	0	0		
		90			0.1	0.1	0.1	2.3	0	0		
		120			0.1	0.1	0.1	2.3	0	0		
		150			0.1	0.1	0.1	2.3	0	0		
		180			0.1	0.1	0.1	2.3	0	0		
		210			0.1	0.1	0.1	2.3	0	0		
		240			0.1	0.1	0.1	2.3	0	0		
		270			0.1	0.1	0.1	2.4	0	0		
		300			0.1	0.1	0.1	2.4	0	0		

e3p	**Site:**	Cherryfield Drive		**Visit Number:**		22	
	Job Number:	15-280		**Date:**		20/11/2024	
				Weather:		Sunny	
				Temperature:		3.00	(°C)
	Drafted	**Rev**	**Auth**	**Start Time:**	11:10:00 AM	**Start Pressure:**	1007
	SK	PW		**End Time:**	12:50:00 PM	**End Pressure:**	1007

Comments: WS202, WS204 & WS113 bailed and left to recharge before readings taken.

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									**1.48**	**1.45**
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.2	2.8	0.0	0.0		
	STEADY				0.1	0.1	0.1	2.4	0.0	0.0		

e3p	Site:	Cherryfield Drive	Visit Number:	23		
	Job Number:	15-280	Date:	26/11/2024		
			Weather:	Overcast		
			Temperature:	5.00	(°C)	
	Drafted	Rev	Auth	Start Time:	7:15:00 AM	Start Pressure:	1007
	SK	PW		End Time:	8:55:00 AM	End Pressure:	1008

Comments: WS202, WS204 & WS113 bailed and left to recharge before readings taken.

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	1009		0.1	0.1	0.1	20.1	0	0	3.6	2.8
		60			0.1	0.1	0.1	20.1	0	0		
		90			0.1	0.1	0.1	20.1	0	0		
		120			0.1	0.1	0.1	20.1	0	0		
		150			0.1	0.1	0.1	20.1	0	0		
		180			0.1	0.1	0.1	20.1	0	0		
		210			0.1	0.1	0.1	20.1	0	0		
		240			0.1	0.1	0.1	20.1	0	0		
		270			0.1	0.1	0.1	20.1	0	0		
		300			0.1	0.1	0.1	20.1	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	20.1	0.0	0.0		
	STEADY				0.1	0.1	0.1	20.1	0.0	0.0		
WS202	2.00 - 3.00	30	1008		0.1	0.1	0.7	18.2	0	0	2.25	1.66
		60			0.1	0.1	0.7	18.1	0	0		
		90			0.1	0.1	0.7	17.9	0	0		
		120			0.1	0.1	0.7	17.7	0	0		
		150			0.1	0.1	0.8	17.6	0	0		
		180			0.1	0.1	0.8	17.2	0	0		
		210			0.1	0.1	0.9	16.9	0	0		
		240			0.1	0.1	0.9	16.6	0	0		
		270			0.1	0.1	1	16.3	0	0		
		300			0.1	0.1	1	16.3	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	1.0	18.2	0.0	0.0		
	STEADY				0.1	0.1	1.0	16.3	0.0	0.0		
WS204	1.50 - 3.00	30	1008		0.1	0.1	0.3	19.4	0	0	1.87	1.33
		60			0.1	0.1	0.3	19.4	0	0		
		90			0.1	0.1	0.3	19.4	0	0		
		120			0.1	0.1	0.3	19.4	0	0		
		150			0.1	0.1	0.3	19.4	0	0		
		180			0.1	0.1	0.4	19.3	0	0		
		210			0.1	0.1	0.4	19.3	0	0		
		240			0.1	0.1	0.4	19.3	0	0		
		270			0.1	0.1	0.4	19.2	0	0		
		300			0.1	0.1	0.4	19.2	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.4	19.4	0.0	0.0		
	STEADY				0.1	0.1	0.4	19.2	0.0	0.0		
		30	1008		0.1	0.1	0.1	10.5	0	0		
		60			0.1	0.1	0.1	10.2	0	0		
		90			0.1	0.1	0.1	10.1	0	0		
		120			0.1	0.1	0.1	10.1	0	0		
		150			0.1	0.1	0.1	10.2	0	0		
		180			0.1	0.1	0.1	10.3	0	0		
		210			0.1	0.1	0.1	10.3	0	0		
		240			0.1	0.1	0.1	10.3	0	0		
		270			0.1	0.1	0.1	10.4	0	0		
	1.00 - 2.50	300			0.1	0.1	0.1	10.4	0	0		

e3p	Site:	Cherryfield Drive		Visit Number:	23		
	Job Number:	15-280		Date:	26/11/2024		
				Weather:	Overcast		
				Temperature:	5.00	(°C)	
	Drafted	Rev	Auth	Start Time:	7:15:00 AM	Start Pressure:	1007
	SK	PW		End Time:	8:55:00 AM	End Pressure:	1008

Comments: WS202, WS204 & WS113 bailed and left to recharge before readings taken.

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									1.48	1.46
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	10.5	0.0	0.0		
	STEADY				0.1	0.1	0.1	10.4	0.0	0.0		

e3p	Site:	Cherryfield Drive	Visit Number:	24			
	Job Number:	15-280	Date:	2/12/2024			
			Weather:	Overcast			
			Temperature:	8.00	(°C)		
	Drafted	Rev	Auth	Start Time:	12:20:00 PM	Start Pressure:	1007
	SK	PW		End Time:	2:00:00 PM	End Pressure:	1006

Comments: WS202, WS204 & WS113 bailed and left to recharge before readings taken.

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS201	0.50 - 3.00	30	1007		0.1	0.1	0.4	20.3	0	0	3.6	2.5
		60			0.1	0.1	0.3	20.4	0	0		
		90			0.1	0.1	0.4	20.4	0	0		
		120			0.1	0.1	0.3	20.5	0	0		
		150			0.1	0.1	0.3	20.5	0	0		
		180			0.1	0.1	0.3	20.3	0	0		
		210			0.1	0.1	0.3	20.4	0	0		
		240			0.1	0.1	0.4	20.3	0	0		
		270			0.1	0.1	0.4	20.4	0	0		
		300			0.1	0.1	0.4	20.4	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.4	20.5	0.0	0.0		
	STEADY				0.1	0.1	0.4	20.4	0.0	0.0		
WS202	2.00 - 3.00	30	1006		0.1	0.1	0.5	19.9	0	0	2.25	1.9
		60			0.1	0.1	0.3	20.3	0	0		
		90			0.1	0.1	0.2	20.5	0	0		
		120			0.1	0.1	0.2	20.5	0	0		
		150			0.1	0.1	0.3	20.4	0	0		
		180			0.1	0.1	0.2	20.5	0	0		
		210			0.1	0.1	0.2	20.6	0	0		
		240			0.1	0.1	0.2	20.6	0	0		
		270			0.1	0.1	0.2	20.6	0	0		
		300			0.1	0.1	0.2	20.5	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.5	20.6	0.0	0.0		
	STEADY				0.1	0.1	0.2	20.5	0.0	0.0		
WS204	1.50 - 3.00	30	1006		0.1	0.1	0.3	20.4	0	0	1.87	1.47
		60			0.1	0.1	0.3	20.4	0	0		
		90			0.1	0.1	0.3	20.4	0	0		
		120			0.1	0.1	0.3	20.4	0	0		
		150			0.1	0.1	0.4	20.3	0	0		
		180			0.1	0.1	0.4	20.3	0	0		
		210			0.1	0.1	0.5	20.2	0	0		
		240			0.1	0.1	0.5	20.2	0	0		
		270			0.1	0.1	0.5	20.2	0	0		
		300			0.1	0.1	0.5	20.2	0	0		
		330										
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.5	20.4	0.0	0.0		
	STEADY				0.1	0.1	0.5	20.2	0.0	0.0		
		30	1006		0.1	0.1	0.1	8.9	0	0		
		60			0.1	0.1	0.1	8.6	0	0		
		90			0.1	0.1	0.1	8.5	0	0		
		120			0.1	0.1	0.1	8.5	0	0		
		150			0.1	0.1	0.1	8.4	0	0		
		180			0.1	0.1	0.1	8.4	0	0		
		210			0.1	0.1	0.1	8.4	0	0		
		240			0.1	0.1	0.1	8.4	0	0		
		270			0.1	0.1	0.1	8.4	0	0		
	1.00 - 2.50	300			0.1	0.1	0.1	8.4	0	0		

e3p	Site:	Cherryfield Drive		Visit Number:	24		
	Job Number:	15-280		Date:	2/12/2024		
				Weather:	Overcast		
				Temperature:	8.00	(°C)	
	Drafted	Rev	Auth	Start Time:	12:20:00 PM	Start Pressure:	1007
	SK	PW		End Time:	2:00:00 PM	End Pressure:	1006

Comments: WS202, WS204 & WS113 bailed and left to recharge before readings taken.

Flooded Wells:
Damaged Wells:

Well No.	Response Zone	Gas									Well details	
		Time	Atmospheric Pressure (mbar)	Atmospheric Pressure Comment	Flow (l/h)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	CO (ppm)	H2S (ppm)	Dip to Base	Dip to Water
WS206	[illegible]	330									1.48	1.46
		360										
		390										
		420										
		450										
		480										
		510										
		540										
		570										
		600										
	MAX				0.1	0.1	0.1	8.9	0.0	0.0		
	STEADY				0.1	0.1	0.1	8.4	0.0	0.0		

WELL	VISIT NUMBER	DATE	CH_4 PEAK (%V/V)	CH_4 STEADY (%V/V)	CH_4 GSV (l/hr)	CO_2 PEAK (%V/V)	CO_2 STEADY (%V/V)	CO_2 GSV (l/hr)	O_2 (%V/V)	ATMOS (mb)	ATMOS. DYNAMIC	PEAK FLOW (l/hr)	STEADY FLOW (l/hr)	RESPONSE ZONE (m bgl)	DEPTH TO BASE (m bgl)	DEPTH TO WATER (m bgl)
WS113 - 2022	Visit 1	27/11/2023	0	0	0	0.0	0.0	0	0	999	Steady	0	0	1.00 - 2.00	1.49	0.62
WS113 - 2022	Visit 2	8/12/2023	0	0	0	0.0	0.0	0	0	995	Falling	0	0	1.00 - 2.00	0.00	0.00
WS113 - 2022	Visit 3	21/12/2023	0.1	0.1	0.0001	0.4	0.4	0.0004	20.2	995	Rising	0.1	0.1	1.00 - 2.00	1.86	0.34
WS113 - 2022	Visit 4	9/01/2024	0.1	0.1	0.0001	0.4	0.4	0.0004	20	1031	Rising	0.1	0.1	1.00 - 2.00	1.86	0.43
WS113 - 2022	Visit 5	23/01/2024	0.1	0.1	0.0001	0.2	0.2	0.0002	19.9	1011	Falling	0.1	0.1	1.00 - 2.00	1.86	0.69
WS113 - 2022	Visit 6	8/02/2024	0.1	0.1	0.0001	0.1	0.1	0.0001	20	987	Falling	0.1	0.1	1.00 - 2.00	1.86	0.38
WS113 - 2022	Visit 7	23/02/2024	0.1	0.1	0.0001	0.3	0.3	0.0003	20	978	Rising	0.1	0.1	1.00 - 2.00	1.86	0.43
WS113 - 2022	Visit 8	4/03/2024	0.1	0.1	0.0001	0.2	0.2	0.0002	20.3	1002	Falling	0.1	0.1	1.00 - 2.00	1.86	0.35
WS113 - 2022	Visit 9	22/03/2024	0.1	0.1	0.0001	0.2	0.2	0.0002	20.4	1014	Falling	0.1	0.1	1.00 - 2.00	1.86	0.32
WS113 - 2022	Visit 10	8/04/2024	0.1	0.1	0.0001	0.3	0.3	0.0003	20.3	998	Steady	0.1	0.1	1.00 - 2.00	1.86	0.33
WS113 - 2022	Visit 11	18/04/2024	0.1	0.1	0.0001	0.3	0.3	0.0003	20.4	1018	Falling	0.1	0.1	1.00 - 2.00	1.86	0.46
WS113 - 2022	Visit 12	9/05/2024	0.1	0.1	0.0001	6.3	6.3	0.0063	14	1023	Falling	0.1	0.1	1.00 - 2.00	1.86	1.11
WS113 - 2022	Visit 13	31/05/2024	0.1	0.1	0.0001	0.3	0.3	0.0003	20.4	1019	Falling	0.1	0.1	1.00 - 2.00	1.86	0.51
WS113 - 2022	Visit 14	12/06/2024	0.1	0.1	0.0001	0.3	0.3	0.0003	20.3	1017	Falling	0.1	0.1	1.00 - 2.00	1.86	0.43
WS113 - 2022	Visit 15	21/06/2024	0.1	0.1	0.0001	3.9	3.9	0.0039	17.5	1008	Falling	0.1	0.1	1.00 - 2.00	1.86	0.80
WS113 - 2022	Visit 16	1/07/2024	0.1	0.1	0.0001	2.8	2.1	0.0028	18.9	1013	Falling	0.1	0.1	1.00 - 2.00	1.86	1.23
WS113 - 2022	Visit 17	7/08/2024	0.1	0.1	0.0001	2.8	2.6	0.0028	18.1	1004	Steady	0.1	0.1	1.00 - 2.00	1.86	1.06
WS113 - 2022	Visit 18	16/08/2024	0.1	0.1	0.0001	2.8	2.8	0.0028	17.7	1012	Falling	0.1	0.1	1.00 - 2.00	1.86	1.50
WS113 - 2022	Visit 19	22/08/2024	0.1	0.1	0.0001	2.6	2.6	0.0026	17.8	998	Falling	0.1	0.1	1.00 - 2.00	1.86	1.60
WS113 - 2022	Visit 20	25/09/2024	0.1	0.1	0.0001	0.3	0.3	0.0003	20.2	994	Steady	0.1	0.1	1.00 - 2.00	1.85	0.43
WS113 - 2022	Visit 21	8/11/2024	0.1	0.1	0.0019	3.1	3.1	0.0589	15.3	1021	Falling	1.9	0.1	1.00 - 2.00	1.86	1.03
WS113 - 2022	Visit 22	20/11/2024	0.1	0.1	0.0001	0.3	0.3	0.0003	19.6	1007	Steady	0.1	0.1	1.00 - 2.00	1.86	0.79
WS113 - 2022	Visit 23	26/11/2024	0.1	0.1	0.0001	0.4	0.4	0.0004	19.9	1007	Rising	0.1	0.1	1.00 - 2.00	1.86	0.48
WS113 - 2022	Visit 24	2/12/2024	0.1	0.1	0.0001	0.4	0.4	0.0004	20.5	1007	Falling	0.1	0.1	1.00 - 2.00	1.86	0.37
WS201	Visit 1	27/11/2023	0.1	0.1	0.0001	0.2	0.2	0.0002	19.1	999	Steady	0.1	0.1	0.50 - 3.00	3.62	Dry
WS201	Visit 2	8/12/2023	66.3	65.9	0.0663	22.0	22.0	0.022	0.1	995	Falling	0.1	0.1	0.50 - 3.00	3.62	Dry
WS201	Visit 3	21/12/2023	68.3	68	0.0683	21.5	21.5	0.0215	0.1	995	Rising	0.1	0.1	0.50 - 3.00	3.60	Dry
WS201	Visit 4	9/01/2024	0.1	0.1	0.0001	0.2	0.2	0.0002	20	1031	Rising	0.1	0.1	0.50 - 3.00	3.60	Dry
WS201	Visit 5	23/01/2024	13.3	13.3	0.0399	6.8	6.8	0.0204	6.9	1011	Falling	0.3	0.1	0.50 - 3.00	3.60	Dry
WS201	Visit 6	8/02/2024	69.3	69	0.0693	21.3	21.3	0.0213	0.1	987	Falling	0.1	0.1	0.50 - 3.00	3.60	3.57
WS201	Visit 7	23/02/2024	1.6	0.1	0.0016	0.7	0.4	0.0007	20.1	978	Rising	0.1	0.1	0.50 - 3.00	3.60	3.16
WS201	Visit 8	4/03/2024	25.4	25.4	0.0254	10.7	10.7	0.0107	3.8	1002	Falling	0.1	0.1	0.50 - 3.00	3.60	3.28
WS201	Visit 9	22/03/2024	37.3	30.7	0.0373	14.0	11.5	0.014	6.3	1014	Falling	0.1	0.1	0.50 - 3.00	3.60	3.20
WS201	Visit 10	8/04/2024	45	44.9	0.18	16.8	16.7	0.0672	1.1	998	Steady	0.4	0.1	0.50 - 3.00	3.62	2.97
WS201	Visit 11	18/04/2024	22.7	22.7	1.1577	9.9	9.9	0.5049	5.2	1018	Falling	5.1	0.1	0.50 - 3.00	3.60	3.32
WS201	Visit 12	9/05/2024	37.9	37.8	0.0379	13.8	13.7	0.0138	0.1	1023	Falling	0.1	0.1	0.50 - 3.00	3.60	Dry
WS201	Visit 13	31/05/2024	0.1	0.1	0.0001	0.2	0.1	0.0002	20.7	1019	Falling	0.1	0.1	0.50 - 3.00	3.62	3.27
WS201	Visit 14	12/06/2024	55.6	55.6	1.7792	22.5	22.5	0.72	0.1	1017	Falling	3.2	0.1	0.50 - 3.00	3.62	3.00
WS201	Visit 15	21/06/2024	62.3	62.1	1.7444	23.6	23.6	0.6608	0.1	1008	Falling	2.8	0.1	0.50 - 3.00	3.64	3.43
WS201	Visit 16	1/07/2024	62.5	53.6	0.25	24.7	21.6	0.0988	2.7	1013	Falling	0.4	0.1	0.50 - 3.00	3.62	Dry
WS201	Visit 17	7/08/2024	68.6	68.4	0.5488	26.5	26.4	0.212	2.7	1004	Steady	0.8	0.1	0.50 - 3.00	3.62	Dry
WS201	Visit 18	16/08/2024	0.1	0.1	0.0001	1.0	0.6	0.001	19.8	1012	Falling	0.1	0.1	0.50 - 3.00	3.60	3.08
WS201	Visit 19	22/08/2024	19.4	19.4	0.0194	13.4	13.4	0.0134	6.3	998	Falling	0.1	0.1	0.50 - 3.00	3.60	3.53
WS201	Visit 20	25/09/2024	72.8	72.6	2.3296	25.2	25.2	0.8064	0.1	994	Steady	3.2	0.1	0.50 - 3.00	3.60	2.86
WS201	Visit 21	8/11/2024	72.4	72.3	4.5612	24.4	24.4	1.5372	0.1	1021	Falling	6.3	0.1	0.50 - 3.00	3.60	Dry
WS201	Visit 22	20/11/2024	18.8	17.6	0.282	11.0	11.0	0.165	8.5	1007	Steady	1.5	0.1	0.50 - 3.00	3.60	2.95

WELL	VISIT NUMBER	DATE	CH_4 PEAK (%V/V)	CH_4 STEADY (%V/V)	CH_4 GSV (l/hr)	CO_2 PEAK (%V/V)	CO_2 STEADY (%V/V)	CO_2 GSV (l/hr)	O_2 (%V/V)	ATMOS (mb)	ATMOS. DYNAMIC	PEAK FLOW (l/hr)	STEADY FLOW (l/hr)	RESPONSE ZONE (m bgl)	DEPTH TO BASE (m bgl)	DEPTH TO WATER (m bgl)
WS201	Visit 23	26/11/2024	0.1	0.1	0.0001	0.1	0.1	0.0001	20.1	1007	Rising	0.1	0.1	0.50 - 3.00	3.60	2.80
WS201	Visit 24	2/12/2024	0.1	0.1	0.0001	0.4	0.4	0.0004	20.4	1007	Falling	0.1	0.1	0.50 - 3.00	3.60	2.50
WS202	Visit 1	27/11/2023	0.1	0.1	0.0001	0.5	0.2	0.0005	19	999	Steady	0.1	0.1	2.00 - 3.00	2.35	1.60
WS202	Visit 2	8/12/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	19.1	995	Falling	0.1	0.1	2.00 - 3.00	2.32	1.84
WS202	Visit 3	21/12/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	20.5	995	Rising	0.1	0.1	2.00 - 3.00	2.30	1.73
WS202	Visit 4	9/01/2024	0.1	0.1	0.0004	0.3	0.1	0.0012	19.8	1031	Rising	0.4	0.1	2.00 - 3.00	2.29	1.49
WS202	Visit 5	23/01/2024	0.1	0.1	0.002	0.3	0.1	0.006	20.3	1011	Falling	2	0.1	2.00 - 3.00	2.28	1.88
WS202	Visit 6	8/02/2024	0.1	0.1	0.0001	0.5	0.2	0.0005	19.8	987	Falling	0.1	0.1	2.00 - 3.00	2.28	1.92
WS202	Visit 7	23/02/2024	0.1	0.1	0.0012	0.5	0.5	0.006	18.7	978	Rising	1.2	0.1	2.00 - 3.00	2.25	1.63
WS202	Visit 8	4/03/2024	0.1	0.1	0.001	0.4	0.1	0.004	20.3	1002	Falling	1	0.1	2.00 - 3.00	2.26	1.76
WS202	Visit 9	22/03/2024	0.1	0.1	0.0005	0.3	0.1	0.0015	20.5	1014	Falling	0.5	0.1	2.00 - 3.00	2.26	1.74
WS202	Visit 10	8/04/2024	0.1	0.1	0.0001	0.5	0.5	0.0005	19.1	998	Steady	0.1	0.1	2.00 - 3.00	2.25	1.63
WS202	Visit 11	18/04/2024	0.1	0.1	0.0001	0.3	0.1	0.0003	20.6	1018	Falling	0.1	0.1	2.00 - 3.00	2.25	1.78
WS202	Visit 12	9/05/2024	0.1	0.1	0.0001	0.7	0.7	0.0007	18.2	1023	Falling	0.1	0.1	2.00 - 3.00	2.25	1.92
WS202	Visit 13	31/05/2024	0.1	0.1	0.0001	0.3	0.1	0.0003	20.7	1019	Falling	0.1	0.1	2.00 - 3.00	2.25	1.65
WS202	Visit 14	12/06/2024	0.1	0.1	0.0013	0.8	0.8	0.0104	17.9	1017	Falling	1.3	0.1	2.00 - 3.00	2.25	1.74
WS202	Visit 15	21/06/2024	9.2	9.2	0.0092	4.7	4.7	0.0047	8.4	1008	Falling	0.1	0.1	2.00 - 3.00	2.25	1.96
WS202	Visit 16	1/07/2024	0.1	0.1	0.0001	0.2	0.1	0.0002	20.5	1013	Falling	0.1	0.1	2.00 - 3.00	2.25	0.75
WS202	Visit 17	7/08/2024	0.1	0.1	0.0001	0.3	0.2	0.0003	20.6	1004	Steady	0.1	0.1	2.00 - 3.00	2.25	0.34
WS202	Visit 18	16/08/2024	0.1	0.1	0.0109	0.5	0.2	0.0545	20.4	1012	Falling	10.9	0.1	2.00 - 3.00	2.21	2.08
WS202	Visit 19	22/08/2024	0.1	0.1	0.0001	4.2	4.1	0.0042	14.5	998	Falling	0.1	0.1	2.00 - 3.00	2.25	1.97
WS202	Visit 20	25/09/2024	9.7	9.7	0.0097	4.6	4.6	0.0046	8.9	994	Steady	0.1	0.1	2.00 - 3.00	2.25	1.62
WS202	Visit 21	8/11/2024	0.1	0.1	0.002	0.6	0.3	0.012	19.8	1021	Falling	2	0.1	2.00 - 3.00	2.25	1.54
WS202	Visit 22	20/11/2024	0.1	0.1	0.0001	0.9	0.9	0.0009	17.4	1007	Steady	0.1	0.1	2.00 - 3.00	2.25	1.71
WS202	Visit 23	26/11/2024	0.1	0.1	0.0001	1.0	1.0	0.001	16.3	1007	Rising	0.1	0.1	2.00 - 3.00	2.25	1.66
WS202	Visit 24	2/12/2024	0.1	0.1	0.0001	0.5	0.2	0.0005	20.5	1007	Falling	0.1	0.1	2.00 - 3.00	2.25	1.90
WS204	Visit 1	27/11/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	18.7	999	Steady	0.1	0.1	1.50 - 3.00	1.92	1.33
WS204	Visit 2	8/12/2023	0.1	0.1	0.0001	0.3	0.1	0.0003	18.7	995	Falling	0.1	0.1	1.50 - 3.00	1.91	1.09
WS204	Visit 3	21/12/2023	0.1	0.1	0.0001	0.2	0.1	0.0002	20.6	995	Rising	0.1	0.1	1.50 - 3.00	1.92	1.29
WS204	Visit 4	9/01/2024	0.1	0.1	0.0001	0.1	0.1	0.0001	19	1031	Rising	0.1	0.1	1.50 - 3.00	1.90	1.14
WS204	Visit 5	23/01/2024	0.1	0.1	0.0001	0.1	0.1	0.0001	19.9	1011	Falling	0.1	0.1	1.50 - 3.00	1.90	1.48
WS204	Visit 6	8/02/2024	0.1	0.1	0.0001	0.4	0.4	0.0004	19.1	987	Falling	0.1	0.1	1.50 - 3.00	1.90	1.31
WS204	Visit 7	23/02/2024	0.1	0.1	0.0001	0.1	0.1	0.0001	19.7	978	Rising	0.1	0.1	1.50 - 3.00	1.89	1.01
WS204	Visit 8	4/03/2024	0.1	0.1	0.0001	0.1	0.1	0.0001	19.5	1002	Falling	0.1	0.1	1.50 - 3.00	1.89	1.18
WS204	Visit 9	22/03/2024	0.1	0.1	0.0001	0.1	0.1	0.0001	20.3	1014	Falling	0.1	0.1	1.50 - 3.00	1.89	1.29
WS204	Visit 10	8/04/2024	0.1	0.1	0.0001	0.2	0.1	0.0002	20.2	998	Steady	0.1	0.1	1.50 - 3.00	1.89	1.10
WS204	Visit 11	18/04/2024	0.1	0.1	0.0001	0.4	0.4	0.0004	20	1018	Falling	0.1	0.1	1.50 - 3.00	1.87	1.36
WS204	Visit 12	9/05/2024	0.1	0.1	0.0001	0.6	0.6	0.0006	20.2	1023	Falling	0.1	0.1	1.50 - 3.00	1.87	1.81
WS204	Visit 13	31/05/2024	0.1	0.1	0.0001	0.5	0.5	0.0005	19.7	1019	Falling	0.1	0.1	1.50 - 3.00	1.88	1.30
WS204	Visit 14	12/06/2024	0.1	0.1	0.0001	0.5	0.5	0.0005	20	1017	Falling	0.1	0.1	1.50 - 3.00	1.87	1.28
WS204	Visit 15	21/06/2024	0.1	0.1	0.0001	0.7	0.7	0.0007	20	1008	Falling	0.1	0.1	1.50 - 3.00	1.87	1.56
WS204	Visit 16	1/07/2024	0.1	0.1	0.0001	0.7	0.7	0.0007	19.8	1013	Falling	0.1	0.1	1.50 - 3.00	1.86	Dry
WS204	Visit 17	7/08/2024	0.1	0.1	0.0001	0.9	0.9	0.0009	19.4	1004	Steady	0.1	0.1	1.50 - 3.00	1.86	1.70
WS204	Visit 18	16/08/2024	0.1	0.1	0.0001	0.8	0.8	0.0008	19.7	1012	Falling	0.1	0.1	1.50 - 3.00	1.88	1.52
WS204	Visit 19	22/08/2024	0.1	0.1	0.0001	1.0	1.0	0.001	19	998	Falling	0.1	0.1	1.50 - 3.00	1.88	Dry
WS204	Visit 20	25/09/2024	0.1	0.1	0.0001	0.7	0.7	0.0007	19.3	994	Steady	0.1	0.1	1.50 - 3.00	1.87	1.30

WELL	VISIT NUMBER	DATE	CH_4 PEAK (%V/V)	CH_4 STEADY (%V/V)	CH_4 GSV (l/hr)	CO_2 PEAK (%V/V)	CO_2 STEADY (%V/V)	CO_2 GSV (l/hr)	O_2 (%V/V)	ATMOS (mb)	ATMOS. DYNAMIC	PEAK FLOW (l/hr)	STEADY FLOW (l/hr)	RESPONSE ZONE (m bgl)	DEPTH TO BASE (m bgl)	DEPTH TO WATER (m bgl)
WS204	Visit 21	8/11/2024	0.1	0.1	0.0019	0.6	0.6	0.0114	19.9	1021	Falling	1.9	0.1	1.50 - 3.00	1.87	1.85
WS204	Visit 22	20/11/2024	0.1	0.1	0.0001	0.8	0.8	0.0008	16.7	1007	Steady	0.1	0.1	1.50 - 3.00	1.87	1.37
WS204	Visit 23	26/11/2024	0.1	0.1	0.0001	0.4	0.4	0.0004	19.2	1007	Rising	0.1	0.1	1.50 - 3.00	1.87	1.33
WS204	Visit 24	2/12/2024	0.1	0.1	0.0001	0.5	0.5	0.0005	20.2	1007	Falling	0.1	0.1	1.50 - 3.00	1.87	1.47
WS206	Visit 1	27/11/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	17.8	999	Steady	0.1	0.1	1.00 - 2.50	1.49	0.62
WS206	Visit 2	8/12/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	18.1	995	Falling	0.1	0.1	1.00 - 2.50	1.48	0.71
WS206	Visit 3	21/12/2023	0.1	0.1	0.0001	0.1	0.1	0.0001	11.2	995	Rising	0.1	0.1	1.00 - 2.50	1.48	1.46
WS206	Visit 4	9/01/2024	0.1	0.1	0.0001	0.1	0.1	0.0001	14	1031	Rising	0.1	0.1	1.00 - 2.50	1.48	1.46
WS206	Visit 5	23/01/2024	0.1	0.1	0.0001	0.1	0.1	0.0001	9.2	1011	Falling	0.1	0.1	1.00 - 2.50	1.48	1.46
WS206	Visit 6	8/02/2024	0.1	0.1	0.0001	0.1	0.1	0.0001	10.3	987	Falling	0.1	0.1	1.00 - 2.50	1.48	1.47
WS206	Visit 7	23/02/2024	0.1	0.1	0.0001	0.1	0.1	0.0001	14.2	978	Rising	0.1	0.1	1.00 - 2.50	1.48	1.45
WS206	Visit 8	4/03/2024	0.1	0.1	0.0001	0.1	0.1	0.0001	11.8	1002	Falling	0.1	0.1	1.00 - 2.50	1.48	1.47
WS206	Visit 9	22/03/2024	0.1	0.1	0.0001	0.1	0.1	0.0001	8.2	1014	Falling	0.1	0.1	1.00 - 2.50	1.48	1.45
WS206	Visit 10	8/04/2024	0.1	0.1	0.0001	0.1	0.1	0.0001	7	998	Steady	0.1	0.1	1.00 - 2.50	1.48	1.46
WS206	Visit 11	18/04/2024	0.1	0.1	0.0001	0.1	0.1	0.0001	10.6	1018	Falling	0.1	0.1	1.00 - 2.50	1.48	1.46
WS206	Visit 12	9/05/2024	0.1	0.1	0.0001	0.2	0.1	0.0002	7	1023	Falling	0.1	0.1	1.00 - 2.50	1.48	1.46
WS206	Visit 13	31/05/2024	0.1	0.1	0.0001	0.2	0.1	0.0002	6.6	1019	Falling	0.1	0.1	1.00 - 2.50	1.48	1.46
WS206	Visit 14	12/06/2024	0.1	0.1	0.0001	0.2	0.1	0.0002	9	1017	Falling	0.1	0.1	1.00 - 2.50	1.48	1.45
WS206	Visit 15	21/06/2024	0.1	0.1	0.0001	0.3	0.2	0.0003	7	1008	Falling	0.1	0.1	1.00 - 2.50	1.48	1.46
WS206	Visit 16	1/07/2024	0.1	0.1	0.0001	0.4	0.4	0.0004	1.9	1013	Falling	0.1	0.1	1.00 - 2.50	1.48	1.46
WS206	Visit 17	7/08/2024	0.1	0.1	0.0001	0.6	0.6	0.0006	1.3	1004	Steady	0.1	0.1	1.00 - 2.50	1.48	1.47
WS206	Visit 18	16/08/2024	0.1	0.1	0.0001	0.5	0.5	0.0005	3.2	1012	Falling	0.1	0.1	1.00 - 2.50	1.48	1.45
WS206	Visit 19	22/08/2024	0.1	0.1	0.0001	0.6	0.6	0.0006	4.7	998	Falling	0.1	0.1	1.00 - 2.50	1.48	1.46
WS206	Visit 20	25/09/2024	0.1	0.1	0.0001	0.4	0.3	0.0004	6.5	994	Steady	0.1	0.1	1.00 - 2.50	1.48	1.45
WS206	Visit 21	8/11/2024	0.1	0.1	0.002	0.3	0.3	0.006	7.8	1021	Falling	2	0.1	1.00 - 2.50	1.48	1.46
WS206	Visit 22	20/11/2024	0.1	0.1	0.0001	0.2	0.1	0.0002	2.4	1007	Steady	0.1	0.1	1.00 - 2.50	1.48	1.45
WS206	Visit 23	26/11/2024	0.1	0.1	0.0001	0.1	0.1	0.0001	10.4	1007	Rising	0.1	0.1	1.00 - 2.50	1.48	1.46
WS206	Visit 24	2/12/2024	0.1	0.1	0.0001	0.1	0.1	0.0001	8.4	1007	Falling	0.1	0.1	1.00 - 2.50	1.48	1.46

APPENDIX VI
GAS MONITOR CALIBRATION CERTIFICATES



TEST DATE AND CONDITIONS	
Date	28/10/21
Atmospheric pressure	994mb
Ambient Temp	23.4 °C
Environics Serial No.	N/A.

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GFM436-1 OUTWARD INSPECTION & QUALITY CHECK SHEET

INSTRUMENT DETAILS					
SO Number	Instrument Banner	Instrument Serial Number + SW Version	Job Number(s)		
329593.	GFM 436	13586 / 29-10	22220.		

Calibration Technician ..... **DATE** 27/10/21

Inspection Technician ..... **DATE** 28/10/21

INSTRUMENT CHECKS		Pass (P), Fail (F) or not applicable(NA)
Function Tests	Dust Caps Fitted	P
	Keyboard Test (All keys)	P
	Backlight Test	P
	Clock Set / Running	P
	Comms Test	P
	Pump Flow Test (In & Out)	P
	Overall Leak Test (30mb)	N/A
	Battery Charge Test	P
	Service Date set to?	27/10/22
Channel Tests	Data Logging Enabled?	P
	Verify CH4/LEL/Hexane/PID	P
	Verify CO2	P
	Verify O2	P
	Verify H2S	P
	Verify CO	P
	Verify LEL	P
	Verify 1st Option gas	N/A.
	Verify atmospheric pressure	P
	Verify differential pressure	P
	Verify flow	P
	Verify temperature probe input	P
	Verify vane anemometer input	P
DataBase Checks	Jobcard(s) completed and signed	P
	Jobcard(s) booked off database	P
	Calibration certificate completed	P
	Complete & print QI record	N/A
Label Checks	No. of Calibration label fitted	1@75p.
	MCERTS label not displayed	P
	Warranty label fitted	P
H2S Range	H2S Range from SO	50000 ppm
	H2S Range from cal cert	50000 ppm
	Over-range value correct?	P.

INSTRUMENT PACKING LIST		Tick if included
Instrument		✓
Leather Case		✓
Instrument Strap		✓
AC Battery Charger (UK)		✓
AC Battery Charger (EURO)		×
AC Battery Charger (US)		×
AC Battery Charger (AUS)		×
Gas Sample Pipe		✓
Hard Carry Case		✓
Spares Pot		✓
Allen Key		✓
Flow Sample Pipe		✓
Temperature Probe		×
Vane Anemometer		×
USB Cable		✓
USB Memory Stick		✓
SM V5 Software	Ver 6.005	✓
Internal Filter Pack	Qty	✓
External Filter Pack	Qty	✓
Field Guide		✓
Extra Items:		

Comments

TEST DATE AND CONDITIONS	
Date	27/10/21
Atmospheric pressure	1002mb
Ambient Temp	23.2°C
Environics Serial No.	2633

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GFM436-1 FINAL INSPECTION & CALIBRATION CHECK CERTIFICATE

FLOW CHECKS					
Calibration Flow		Instrument Flow Channels Read			
Applied Flow (l/hour)	Applied Pressure (Pa)	Flow [Flow] (l/hour)	tol. (l/hour)	Differential Pressure [Dp] (Pa)	tol. (Pa)
-30.0	-415	-29.9	+/-3.0	-420	+/-50
-3.0	-18	-3.0	+/-1.0	-17	+/-6
0.0	0	0.0	0.0	0	0.0
+3.0	16	3.0	+/-0.5	16	+/-3
+30.0	372	30.0	+/-3.0	369	+/-50
+60.0	1164	59.7	+/-6.0	1172	+/-130
+90.0	2337	91.0	+/-9.0	2431	+/-250

TEMPERATURE CHECK		
Calibration Temperature	Instrument Temperature Channel Read	
Applied Equivalent Temperature (°C)	Temperature [Temp] (°C)	tol. (°C)
-10.0	-10.0	+/- 2.0
0.0	0.0	+/- 1.0
30.0	30.0	+/- 1.0
60.0	60.0	+/- 1.0
100.0	100.0	+/- 1.0

Notes:

The instrument identified by the serial number stated above has been tested by Gas Data personnel for calibration accuracy on the date and under the ambient conditions stated. Gas Data Ltd internal BS EN ISO9001:2015, BS EN ISO 14001:2015 and BS EN ISO 45001:2018 compliant workshop procedures were followed to apply known calibration test gases, gas flow rates, pressures and temperatures of the values stated. The results displayed on the instrument at each stage are recorded above.

Gas Data Ltd is certified to: BS EN ISO 9001:2015
BS EN ISO 14001:2015
BS EN ISO 45001:2018

TEST DATE AND CONDITIONS	
Date	27/10/21
Atmospheric pressure	1002mb
Ambient Temp	23.2°C
Environics Serial No.	2633

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GFM436-1 FINAL INSPECTION & CALIBRATION CHECK CERTIFICATE

INSTRUMENT DETAILS	
Serial No	Customer
13586	Ribble Enviro Ltd.

INSTRUMENT CHECKS			
Keyboard	✓	Pump Flow	500cc/min
Display Contrast	✓	Pump Flow @ -200mB	300cc/min
Clock Set / Running	✓	S/W Version	G436-00.0029/0010
Labels Fitted	✓	Recalibration Date	27/10/22

GAS CHECKS							
Calibration Gas		Instrument Gas Channels Read					
Gas Type	Applied Conc.	CH4 (%)	tol. (% vol.)	CO2 (%)	tol. (% vol.)	O2 (%)	tol. (% vol.)
N2	100%	0.0	0.0	0.0	0.0	0.0	+/-0.1
CH4	5%	4.9	+/-0.3	0.0	0.0	0.0	+/-0.1
	60%	60.5	+/-3.0	0.0	0.0	0.0	+/-0.1
CO2	5%	0.0	0.0	4.9	+/-0.3	0.0	+/-0.1
	40%	0.0	0.0	40.3	+/-3.0	0.0	+/-0.1
O2	20.9%	0.0	0.0	0.0	+0.1	20.9	+/-0.5

OPTIONAL GAS CHECKS								
Calibration Gas		Instrument Gas Channels Read						
Gas Type	Applied Conc.	Label	H2S	CO			Hexane	tol. (% vol.)
		Range	5000ppm	2000ppm			2.00%	
N2	100%		0	0			0.000	0.0
H2S	1500ppm		1510	0				+/- 5.0
CO	1000ppm		65	998				+/- 5.0
Hexane	2.00%						1.990	+/- 10.0

PRESSURE CHECKS							
Calibration Pressure		Instrument Pressure Channels Read					
Pressure @	Applied Pressure	Atmospheric [Ap] (mB)	tol. (mB)				
All Ports	Current Atmospheric	1001	+/-2.0				
Ap Port (Internal)	+800mB(a)	799	+/-5.0				
	+1200mB(a)	1200	+/-5.0				

TEST DATE AND CONDITIONS		
Date	09/09/2021	
Atmospheric Pressure	989	mB
Ambient Temperature	21.9	°C
Environics Serial No.	5089	

GFM436 Final Inspection & Calibration Check Certificate

GAS DATA LTD

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Coventry

CV3 4LJ

Tel 02476303311 Fax 02476307711

Customer	Environmental Science & Technology
Certificate Number	122697
Order Number	329362

Serial Number	13275
Software Version	G436-00.0027/0010

Recalibration DUE Date
09/09/22

Instrument Checks				
Keyboard	✓		Display Contrast	✓
Pump Flow In	400	*Accept > 200 cc/min*	Pump Flow @ -200mB	300 *Accept > 200 cc/min*
Clock Set / Running	✓		Labels Fitted	✓

Gas Checks						
	CH_4		CO_2		O_2	
	Instrument Gas Readings %	True Gas Value %	Instrument Gas Readings %	True Gas Value %	Instrument Gas Readings %	True Gas Value %
Sensor	60 *Accept ±3.0*	*60*	39.6 *Accept ±3.0*	*40*	20.9 *Accept ±0.5*	*20.9*
	5 *Accept ±0.3*	*5*	5 *Accept ±0.3*	*5*	6 *Accept ±0.3*	*6*
Zero Reading 100% N2	0 *Accept ±0.0*	*0*	0 *Accept ±0.0*	*0*	0 *Accept ±0.1*	*0*

Optional Gas Checks						
Applied Gas & Range		Concentration Tested @ (ppm)	Instrument Readings *(ppm)*			
			Zero Reading		Instrument Gas Reading	
Gas Type	Range *(ppm)*					
H2S	5000	*1500*	0	*Accept ±0.0*	1500	*Accept ±5.0*
CO	2000	*1000*	0	*Accept ±0.0*	996	*Accept ±5.0*
Hexane	*2.0%*	2.0%	0	*Accept ±0.0*	1.99	*Accept ±10.0*

Cross Gas Effects									
Applied Gas *(ppm)*		Instrument Readings *(ppm)*							
Gas Type	Concentration	Toxic 1:	H2S	Toxic 2:	CO	Toxic 3:	HEX		
H2S	*1500*	1500		0		0			
CO	*1000*	50		996		0			
Hexane	*2.0%*	0		0		1.99			

Pressure Checks				
Atmospheric Pressure [AP] *(mB)*				
Current Atmospheric Pressure (mB)		Instrument Atmospheric Pressure Reading (mB)		
AP Open Ports		989	*Accept ±2.0*	
AP Port (Internal)	*+800 mB*	800	*Accept ±5.0*	
	+1200mb	1200	*Accept ±5.0*	

Flow Checks					
Borehole Flow			Differential Pressure		
Applied Reading *(l/h)*	Instrument Reading *(l/h)*		Applied Pressure *(Pa)*	Instrument Reading *(Pa)*	
-30	-30.1	*Accept ±3.0*	-405	-411	*Accept ±50*
-3	-3	*Accept ±1.0*	-19	-19	*Accept ±6.0*
0	0	*Accept ±0.0*	0	0	*Accept ±0.5*
3	3	*Accept ±0.5*	17	17	*Accept ±3.0*
30	30	*Accept ±3.0*	350	350	*Accept ±50*
60	59.6	*Accept ±6.0*	1061	1045	*Accept ±130*
90	90.2	*Accept ±9.0*	2070	>>>>>	*Accept ±250*

Temperature Checks		
Calibration Temperature Applied Temperature ^{0}C	Instrument Temperature Reading ^{0}C	
-10	-10	*Accept ±2.0*
0	0	*Accept ±1.0*
30	30	*Accept ±1.0*
60	60	*Accept ±1.0*
100	100	*Accept ±1.0*

Technician:	Date Tested:
Jack Rutland	*10/09/2021*

The instrument identified by the serial number stated above has been tested by Gas Data personnel for calibration accuracy on the date and under the ambient conditions stated. Gas Data Ltd internal BS EN ISO9001:2015 compliant workshop procedures were followed to apply known calibration test gases, gas flow rates, pressures and temperatures of the values stated. The results displayed on the instrument at each stage are recorded above.

TEST DATE AND CONDITIONS	
Date	9.9.21
Atmospheric Pressure	989 mB
Ambient Temp	21.9 °C
Environics Serial No.	5089

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CV3 4LJ
Tel 02476303311 Fax 02476307711

GFM436-1 OUTWARD INSPECTION & QUALITY CHECK SHEET

INSTRUMENT DETAILS			
SO Number	Instrument Type	Instrument Serial Number + SW Version	Job Number(s)
329362	GFM436	13275 GF436-27/10	122697

Calibration Technician ..... **Date** 9.9.21

Inspection Technician ..... **Date** 10.9.21

INSTRUMENT CHECKS		Pass (P), Fail (F) or not applicable (NA)	INSTRUMENT PACKING LIST		Tick if included
Function Tests	Dust Caps Fitted	P	Instrument		✓
	Keyboard Test (All Keys)	P	Leather Case		✓
	Backlight	P	Instrument Strap		✓
	Clock Set / Running	P	AC Battery Charger (UK)		✓
	Comms Test	P	AC Battery Charger (EURO)		X
	Pump Flow Test (In & Out)	P	AC Battery Charger (US)		X
	Overall Leak Test (30mB)	n/a	AC Battery Charger (AUS)		X
	Battery Charge Test	P	Gas Sample Pipe - *(new issue)*		✓
	Service Date set to?	9.9.22	Flow Sample Pipe - *(new issue)*		✓
Channel Tests	Data Logging Enabled?	P	Hard Carry Case		✓
	Verify CH4/LEL/Hexane/PID	P	Allen Key		X
	Verify CO2	P	Spares Pot		X
	Verify O2	P	Temperature Probe		X
	Verify H2S	P	Vane Anemometer		X
	Verify CO	P	USB Cable		X
	Verify LEL	P	USB Memory stick		X
	Verify 1st Option Gas	N/A	SM V5 Software	Ver 6.05	X
	Verify Atmospheric pressure	P	Internal Filter Pack	Qty	X
	Verify differential pressure	P	External Filter Pack	Qty	X
	Verify flow	P	Field Guide		X
	Verify temperature probe input	P	**Extra Items:**		
	Verify vane anemometer input	P	Sample Tube		
DataBase Checks	Jobcard(s) completed and signed	P			
	Jobcard(s) booked off database	P			
	Calibration certificate completed	P			
	Complete & print QI record	n/a			
Label Checks	No. of Calibration label fitted	GDC 11253	**Comments:**		
	MCERTS label displayed	N/A			
	Warranty label fitted	P			
H2S Range	H2S Range from Sales Order	5000 ppm			
	H2S Range from Cal Cert	5000 ppm			
	Over-range value correct?	P			

TEST DATE AND CONDITIONS		
Date	11/10/2022	
Atmospheric Pressure	1008	mB
Ambient Temperature	20.1	°C
Environics Serial No.	5089	

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Customer	Environmental Science & Technology
Certificate Number	123552
Order Number	332377

Serial Number	13275
Software Version	G436-00.0027/0010

Recalibration DUE Date
11/10/23

Instrument Checks					
Keyboard	✓		Display Contrast	✓	
Pump Flow In	450	*Accept > 200 cc/min*	Pump Flow @ -200mB	300	*Accept > 200 cc/min*
Clock Set / Running	✓		Labels Fitted	✓	

Gas Checks						
	CH_4		CO_2		O_2	
	Instrument Gas Readings %	True Gas Value %	Instrument Gas Readings %	True Gas Value %	Instrument Gas Readings %	True Gas Value %
Sensor	59.6	*60*	40.0	*40*	20.9	*20.9*
	Accept ±3.0		*Accept ±3.0*		*Accept ±0.5*	
	5.0	*5*	4.9	*5*	6.0	*6*
	Accept ±0.3		*Accept ±0.3*		*Accept ±0.3*	
Zero Reading 100% N2	0.0	*0*	0.0	*0*	0.0	*0*
	Accept ±0.0		*Accept ±0.0*		*Accept ±0.1*	

Optional Gas Checks						
Applied Gas & Range		Concentration Tested @ (ppm)	Instrument Readings *(ppm)*			
Gas Type	Range *(ppm)*		Zero Reading		Instrument Gas Reading	
H2S	5000	*1500*	0	*Accept ±0.0*	1500	*Accept ±5.0*
CO	2000	*1000*	0	*Accept ±0.0*	1002	*Accept ±5.0*
Hexane	*2.0%*	2.0%	0	*Accept ±0.0*	1.99	*Accept ±10.0*

Cross Gas Effects									
Applied Gas *(ppm)*		Instrument Readings *(ppm)*							
Gas Type	Concentration	Toxic 1:	H2S	Toxic 2:	CO	Toxic 3:	HEX		
H2S	*1500*	1500		0		0			
CO	*1000*	50		1002		0			
Hexane	*2.0%*	0		0		1.99			

Pressure Checks			
Atmospheric Pressure [AP] *(mB)*			
Current Atmospheric Pressure (mB)		Instrument Atmospheric Pressure Reading (mB)	
AP Open Ports		1008	*Accept ±2.0*
AP Port (Internal)	*+800 mB*	800	*Accept ±5.0*
	+1200mb	1200	*Accept ±5.0*

Flow Checks					
Borehole Flow			Differential Pressure		
Applied Reading *(l/h)*	Instrument Reading *(l/h)*		Applied Pressure *(Pa)*	Instrument Reading *(Pa)*	
-30	-30.1	*Accept ±3.0*	-385	-390	*Accept ±50*
-3	-3.0	*Accept ±1.0*	-18	-17	*Accept ±6.0*
0	0.0	*Accept ±0.0*	0	0	*Accept ±0.5*
3	3.0	*Accept ±0.5*	15	15	*Accept ±3.0*
30	30.0	*Accept ±3.0*	313	311	*Accept ±50*
60	59.7	*Accept ±6.0*	925	917	*Accept ±130*
90	90.4	*Accept ±9.0*	1786	1815	*Accept ±250*

Temperature Checks		
Calibration Temperature Applied Temperature ^{0}C	Instrument Temperature Reading ^{0}C	
-10	-10.0	*Accept ±2.0*
0	0.0	*Accept ±1.0*
30	30.0	*Accept ±1.0*
60	60.0	*Accept ±1.0*
100	100.0	*Accept ±1.0*

Technician:	Date Tested:
Jack Rutland	*11/10/2022*

The instrument identified by the serial number stated above has been tested by Gas Data personnel for calibration accuracy on the date and under the ambient conditions stated. Gas Data Ltd internal BS EN ISO9001:2015, BS EN ISO14001:2015, BS EN ISO45001:2018 compliant workshop procedures were followed to apply known calibration test gases, gas flow rates, pressures and temperatures of the values stated. The results displayed on the instrument at each stage are recorded above.

TEST DATE AND CONDITIONS		
Date	16/11/2022	
Atmospheric Pressure	971	mB
Ambient Temperature	20.9	°C
Environics Serial No.	5089	

GFM436 Final Inspection & Calibration Check Certificate

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Customer	Environmental Science & Technology
Certificate Number	123669
Order Number	332699

Serial Number	13586
Software Version	G436-00.0029/0010

Recalibration DUE Date
16/11/23

Instrument Checks					
Keyboard	✓		Display Contrast	✓	
Pump Flow In	450	*Accept > 200 cc/min*	Pump Flow @ -200mB	200	*Accept > 200 cc/min*
Clock Set / Running	✓		Labels Fitted	✓	

Gas Checks						
Sensor	CH_4		CO_2		O_2	
	Instrument Gas Readings %	True Gas Value %	Instrument Gas Readings %	True Gas Value %	Instrument Gas Readings %	True Gas Value %
	60.1	60	40.0	40	20.9	20.9
	Accept ±3.0		*Accept ±3.0*		*Accept ±0.5*	
	5.1	5	5.1	5	6.0	6
	Accept ±0.3		*Accept ±0.3*		*Accept ±0.3*	
Zero Reading 100% N2	0.0	0	0.0	0	0.0	0
	Accept ±0.0		*Accept ±0.0*		*Accept ±0.1*	

Optional Gas Checks						
Applied Gas & Range		Concentration Tested @ (ppm)	Instrument Readings *(ppm)*			
Gas Type	Range *(ppm)*		Zero Reading		Instrument Gas Reading	
H2S	5000	*1500*	0	*Accept ±0.0*	1500	*Accept ±5.0*
CO	2000	*1000*	0	*Accept ±0.0*	996	*Accept ±5.0*
Hexane	*2.0%*	2.0%	0	*Accept ±0.0*	1.99	*Accept ±10.0*

TEST DATE AND CONDITIONS		
Date	16.11.22	
Atmospheric Pressure	971	mB
Ambient Temperature	20.9	°C
Environics Serial No.	5089	

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GFM436-1 OUTWARD INSPECTION & QUALITY CHECK SHEET

INSTRUMENT DETAILS			
SO Number	Instrument Type	Instrument Serial Number + SW Version	Job Number(s)
332699	GFM436	13586 GF436-29/10	123669

Calibration Technician ..... **Date** 16.11.22

Inspection Technician ..... **Date** 17.11.22

INSTRUMENT CHECKS		Pass (P), Fail (F) or not applicable (NA)	INSTRUMENT PACKING LIST		Tick if included
Function Tests	Dust Caps Fitted	P	Instrument		✓
	Keyboard Test (All Keys)	P	Leather Case		✓
	Backlight	P	Instrument Strap		✓
	Clock Set / Running	P	AC Battery Charger (UK)		✓
	Comms Test	P	AC Battery Charger (EURO)		X
	Pump Flow Test (In & Out)	P	AC Battery Charger (US)		X
	Overall Leak Test (30mB)	n/a	AC Battery Charger (AUS)		X
	Battery Charge Test	P	Gas Sample Pipe - *(new issue)*		X
	Service Date set to?	16.11.23	Flow Sample Pipe - *(new issue)*		X
Channel Tests	Data Logging Enabled?	P	Hard Carry Case		✓
	Verify CH4/LEL/Hexane/PID	P	Spares Pot		X
	Verify CO2	P	Allen Key		X
	Verify O2	P	Temperature Probe		X
	Verify H2S	P	Vane Anemometer		X
	Verify CO	P	USB Cable		X
	Verify LEL	P	USB Memory stick		X
	Verify 1st Option Gas	N/A	SM V5 Software	Ver 6.05	X
	Verify Atmospheric pressure	P	Internal Filter Pack	Qty	X
	Verify differential pressure	P	External Filter Pack	Qty	X
	Verify flow	P	Field Guide		X
	Verify temperature probe input	P	**Extra Items:**		
	Verify vane anemometer input	P	Sample tube		
DataBase Checks	Jobcard(s) completed and signed	P			
	Jobcard(s) booked off database	P			
	Calibration certificate completed	P			
	Complete & print QI record	n/a			
Label Checks	No. of Calibration label fitted	GDC 11640	**Comments:**		
	MCERTS label displayed	N/A			
	Warranty label fitted	P			
H2S Range	H2S Range from Sales Order	5000 ppm			
	H2S Range from Cal Cert	5000 ppm			
	Over-range value correct?	P			

TEST DATE AND CONDITIONS		
Date	04/12/2023	
Atmospheric Pressure	977	mB
Ambient Temperature	21.2	°C
Environics Serial No.	5089	

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GFM436 Final Inspection & Calibration Check Certificate

Customer	Environmental Science & Technology
Certificate Number	124744
Order Number	336621

Serial Number	13275
Software Version	G436-00.0027/0010

Recalibration DUE Date
04/12/24

Instrument Checks					
Keyboard	✓		Display Contrast	✓	
Pump Flow In	450	*Accept > 200 cc/min*	Pump Flow @ -200mB	250	*Accept > 200 cc/min*
Clock Set / Running	✓		Labels Fitted	✓	

Gas Checks						
	CH_4		CO_2		O_2	
	Instrument Gas Readings %	True Gas Value %	Instrument Gas Readings %	True Gas Value %	Instrument Gas Readings %	True Gas Value %
Sensor	60.4	60	40.2	40	20.9	20.9
	Accept ±3.0		*Accept ±3.0*		*Accept ±0.5*	
	5.1	5	5.1	5	6.0	6
	Accept ±0.3		*Accept ±0.3*		*Accept ±0.3*	
Zero Reading 100% N2	0.0	0	0.0	0	0.0	0
	Accept ±0.0		*Accept ±0.0*		*Accept ±0.1*	

Optional Gas Checks						
Applied Gas & Range		Concentration Tested @ (ppm)	Instrument Readings *(ppm)*			
			Zero Reading		Instrument Gas Reading	
Gas Type	Range *(ppm)*					
H2S	5000	*1500*	0	*Accept ±0.0*	1500	*Accept ±5.0%*
CO	2000	*1000*	0	*Accept ±0.0*	1001	*Accept ±5.0%*
Hexane	*2.0%*	2.0%	0	*Accept ±0.0*	1.99	*Accept ±10.0%*

Cross Gas Effects									
Applied Gas *(ppm)*		Instrument Readings *(ppm)*							
Gas Type	Concentration	Toxic 1:	H2S	Toxic 2:	CO	Toxic 3:	HEX		
H2S	*1500*	1500		0		0			
CO	*1000*	120		1001		0			
Hexane	*2.0%*	0		0		1.99			

Pressure Checks			
Atmospheric Pressure [AP] *(mB)*			
Current Atmospheric Pressure (mB)		Instrument Atmospheric Pressure Reading (mB)	
AP Open Ports		977	*Accept ±2.0*
AP Port (Internal)	*+800 mB*	800	*Accept ±5.0*
	+1200mb	1199	*Accept ±5.0*

Flow Checks					
Borehole Flow			Differential Pressure		
Applied Reading *(l/h)*	Instrument Reading *(l/h)*		Applied Pressure *(Pa)*	Instrument Reading *(Pa)*	
-30	-30.0	*Accept ±3.0*	-285	-288	*Accept ±50*
-3	-3.0	*Accept ±1.0*	-13	-13	*Accept ±6.0*
0	0.0	*Accept ±0.0*	0	0	*Accept ±0.5*
3	3.1	*Accept ±0.5*	17	18	*Accept ±3.0*
30	30.2	*Accept ±3.0*	375	379	*Accept ±50*
60	59.8	*Accept ±6.0*	1161	1156	*Accept ±130*
90	91.0	*Accept ±9.0*	2278	2344	*Accept ±250*

Temperature Checks		
Calibration Temperature	Instrument Temperature Reading ^{0}C	
Applied Temperature ^{0}C		
-10	-10.0	*Accept ±2.0*
0	0.0	*Accept ±1.0*
30	30.0	*Accept ±1.0*
60	60.0	*Accept ±1.0*
100	100.0	*Accept ±1.0*

Technician:	Date Tested:
Jack Rutland	*04/12/2023*

The instrument identified by the serial number stated above has been tested by Gas Data personnel for calibration accuracy on the date and under the ambient conditions stated. Gas Data Ltd internal BS EN ISO9001:2015, BS EN ISO14001:2015, BS EN ISO45001:2018 compliant workshop procedures were followed to apply known calibration test gases, gas flow rates, pressures and temperatures of the values stated. The results displayed on the instrument at each stage are recorded above.

Gas Data Ltd is certified to BS EN ISO9001:2015, BS EN ISO14001:2015, BS EN ISO45001:2018.

TEST DATE AND CONDITIONS	
Date	06/12/23
Atmospheric pressure	996mb
Ambient Temp	20.2°C
Environics Serial No.	2633

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GFM436-1 FINAL INSPECTION & CALIBRATION CHECK CERTIFICATE

INSTRUMENT DETAILS	
Serial No	Customer
13586	Environmental Science and Technology Ltd

INSTRUMENT CHECKS			
Keyboard	✓	Pump Flow	500cc/min
Display Contrast	✓	Pump Flow @ -200mB	275cc/min
Clock Set / Running	✓	S/W Version	G436-00.0029/0010
Labels Fitted	✓	Recalibration Date	06/12/24

GAS CHECKS							
Calibration Gas		Instrument Gas Channels Read					
Gas Type	Applied Conc.	CH4 (%)	tol. (% vol.)	CO2 (%)	tol. (% vol.)	O2 (%)	tol. (% vol.)
N2	100%	0.0	0.0	0.0	0.0	0.0	+/-0.1
CH4	5%	5.2	+/-0.3	0.0	0.0	0.0	+/-0.1
	60%	59.9	+/-3.0	0.0	0.0	0.0	+/-0.1
CO2	5%	0.0	0.0	4.9	+/-0.3	0.0	+/-0.1
	40%	0.0	0.0	39.7	+/-3.0	0.0	+/-0.1
O2	20.9%	0.0	0.0	0.1	+0.1	20.8	+/-0.5

OPTIONAL GAS CHECKS								
Calibration Gas		Instrument Gas Channels Read						
Gas Type	Applied Conc.	Label	H2S	CO			Hexane	tol. (% vol.)
		Range	5000ppm	2000ppm			2.00%	
N2	100%		0	0			0.000	0.0
H2S	1500ppm		1500	0				+/- 5.0
CO	1000ppm		90	994				+/- 5.0
Hexane	2.00%						1.980	+/- 10.0

PRESSURE CHECKS							
Calibration Pressure		Instrument Pressure Channels Read					
Pressure @	Applied Pressure	Atmospheric [Ap] (mB)	tol. (mB)				
All Ports	Current Atmospheric	994	+/-2.0				
Ap Port (Internal)	+800mB(a)	797	+/-5.0				
	+1200mB(a)	1201	+/-5.0				

TEST DATE AND CONDITIONS	
Date	06/12/23
Atmospheric pressure	996mb
Ambient Temp	20.2°C
Environics Serial No.	2633

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GFM436-1 FINAL INSPECTION & CALIBRATION CHECK CERTIFICATE

FLOW CHECKS					
Calibration Flow		Instrument Flow Channels Read			
Applied Flow (l/hour)	Applied Pressure (Pa)	Flow [Flow] (l/hour)	tol. (l/hour)	Differential Pressure [Dp] (Pa)	tol. (Pa)
-30.0	-326	-28.3	+/-3.0	-334	+/-50
-3.0	-20	-2.7	+/-1.0	-18	+/-6
0.0	0	0.0	0.0	0	0.0
+3.0	18	2.8	+/-0.5	16	+/-3
+30.0	352	30.1	+/-3.0	353	+/-50
+60.0	1085	60.1	+/-6.0	1092	+/-130
+90.0	2133	91.4	+/-9.0	2220	+/-250

TEMPERATURE CHECK		
Calibration Temperature	Instrument Temperature Channel Read	
Applied Equivalent Temperature (°C)	Temperature [Temp] (°C)	tol. (°C)
-10.0	-10.0	+/- 2.0
0.0	0.0	+/- 1.0
30.0	30.0	+/- 1.0
60.0	60.0	+/- 1.0
100.0	100.0	+/- 1.0

Notes:

The instrument identified by the serial number stated above has been tested by Gas Data personnel for calibration accuracy on the date and under the ambient conditions stated. Gas Data Ltd internal BS EN ISO9001:2015, BS EN ISO 14001:2015 and BS EN ISO 45001:2018 compliant workshop procedures were followed to apply known calibration test gases, gas flow rates, pressures and temperatures of the values stated. The results displayed on the instrument at each stage are recorded above.

Gas Data Ltd is certified to: BS EN ISO 9001:2015
BS EN ISO 14001:2015
BS EN ISO 45001:2018

TEST DATE AND CONDITIONS	
Date	7.12.2023
Atmospheric pressure	992 mb
Ambient Temp	17.7 °C
Environics Serial No.	2633

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GFM436-1 OUTWARD INSPECTION & QUALITY CHECK SHEET

INSTRUMENT DETAILS					
SO Number	Instrument Banner	Instrument Serial Number + SW Version	Job Number(s)		
336340	GFM 436	13586 V29.10	26801	–	–

Calibration Technician ..... **DATE** 6/12/23

Inspection Technician ..... MV **DATE** 7/12/23

INSTRUMENT CHECKS		Pass (P), Fail (F) or not applicable(NA)	INSTRUMENT PACKING LIST		Tick if included
Function Tests	Dust Caps Fitted	P	Instrument		✓
	Keyboard Test (All keys)	P	Leather Case		X
	Backlight Test	P	Instrument Strap		✓
	Clock Set / Running	P	AC Battery Charger (UK)		✓
	Comms Test	P	AC Battery Charger (EURO)		X
	Pump Flow Test (In & Out)	P	AC Battery Charger (US)		X
	Overall Leak Test (30mb)	NA	AC Battery Charger (AUS)		X
	Battery Charge Test	P	Gas Sample Pipe		✓
	Service Date set to?	6/12/24	Hard Carry Case		✓
Channel Tests	Data Logging Enabled?	P	Spares Pot		X
	Verify CH4/LEL/Hexane/PID	P	Allen Key		✓
	Verify CO2	P	Flow Sample Pipe		✓
	Verify O2	P	Temperature Probe		X
	Verify H2S	P	Vane Anemometer		X
	Verify CO	P	USB Cable		X
	Verify LEL		USB Memory Stick		X
	Verify 1st Option gas	NA	SM V5 Software	Ver	X
	Verify atmospheric pressure	P	Internal Filter Pack	Qty	X
	Verify differential pressure	P	External Filter Pack	Qty	X
	Verify flow	P	Field Guide		X
	Verify temperature probe input	P	EX Safety Flier		X
	Verify vane anemometer input	P	Extra Items: SERVICE SPARES		
DataBase Checks	Jobcard(s) completed and signed	P			
	Jobcard(s) booked off database	P			
	Calibration certificate completed	P			
	Complete & print QI record	NA			
Label Checks	No. of Calibration label fitted	12475	Comments		
	MCERTS label not displayed	P			
	Warranty label fitted				
H2S Range	H2S Range from SO	5000 ppm			
	H2S Range from cal cert	5000 ppm			
	Over-range value correct?	P			

APPENDIX VII
GGS FLUX BOX SURVEY FACTUAL DATAPACK® REPORT



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GGS DataPack® Plus

Understanding the hazards and risks at your site

GGS4065 Former Kirkby College, Cherryfield Drive, Kirkby, Liverpool
Ref: GGS4065DPP01
Issue: Final
Date: October 2025

Citation ISO Certification — Quality management — ISO 9001: 2015 — REGISTERED
Certificate No:222522015

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GGS DataPack®Plus
Former Kirkby College, Cherryfield Drive, Kirkby, Liverpool

FOREWORD

This report has been prepared based on information made available to Ground-Gas Solutions, trading as GGS, at the time of the reporting using all reasonable skill, care and diligence and within the limitations of the scope of works agreed with, and resources provided by, the client.

GGS has relied on information provided by others and has prepared this report on the basis of this information being accurate.

The report and recommendations therein are provided based on information available to GGS at the time of preparing the report and completed to recognised UK guidance and legislation. GGS will not accept any liability for inaccurate or incomplete information provided to GGS or any liability arising from the future change of any such guidance or legislation.

GGS is not obliged and disclaims any obligation to carry out further works or update the report for events occurring after such works have been carried out, and / or report issued in final form. This also applies to transfer of the report to other parties.

This report must be issued as final and be signed by the author and approved by a company director or senior management before the report may be relied upon by the client and subject to full payment for our services being made.

Any third parties using or relying on the information, comments, conclusions and recommendations do so at their own risk. Should any third party wish to use or rely upon the content of the report, written approval must be sought from a GGS Director; a charge may be levied against such approval.

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For: E3P
Ref No.: GGS4065DPP01
Date: 21/10/2025

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Date: 21/10/2025

Appendices

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Flux Box Monitoring Location Plan

Appendix B

Site Photographs

Appendix C

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Surface Emissions Survey Grid Plot & Raw Data

Appendix F

Calibration Certificates & Instrument Specifications

1 Introduction

GGS Limited has been commissioned by E3P to provide ground gas monitoring and consultancy services, at the Former Kirkby College, Cherryfield Drive, Kirkby, Liverpool ('The Site'), and prepare a GGS DataPack®Plus report containing the following information:

- Periodic monitoring results.
- Surface emissions survey results.
- Flux box test results.
- Atmospheric pressure analysis.
- Short technical summary.
- Instrument specifications and calibration certificates.

The objective of the assessment is to provide robust monitoring evidence to accurately update the gas Conceptual Site Model (gCSM).

1.1 Scope of works

The scope of works is set out below:

- A site visit by GGS specialists on the 3rd of October 2025 to; complete periodic ground gas monitoring of 1 No. monitoring well, complete a surface emissions survey for methane and complete 5 No. closed chamber flux box tests.
- Provision of a GGS DataPack®Plus report.

1.2 Site context

Table 1.1 below details the site description. Site and monitoring location plans are presented in Appendix A.

Table 1.1 Site description

Description	Details
Address	Former Kirkby College, Cherryfield Drive, Kirkby, Liverpool L32 8SF
National Grid Reference (Approximate centre of site)	SJ 40868 98696
Overview	GGS understands that the site has recently been subject to a year-long ground gas monitoring programme. Elevated concentrations of methane and carbon dioxide, alongside positive gas flow rates, have been recorded at WS201, with peak gas concentrations and flow tending to coincide with low and falling barometric pressure. WS201 is located in the northwestern part of the site and is adjacent to the off-site Bewley Road Landfill. WS201 screens the Made Ground (0.50-3.00m bgl) and natural superficial deposits below the Made Ground are understood to comprise Sand. Initial screening of the monitoring results indicates WS201 to be commensurate to CS4 on a well-by-well assessment basis. The current lines of evidence indicate that the principal source of gas detected at WS201 is the Bewley Road Landfill, with falling atmospheric pressure the driving mechanism for migration of ground gas from the offsite landfill to the site. To quantify surface emissions, should they be occurring, and accurately update the gCSM, GGS has been requested to provide surface emissions monitoring services.

2 Methodology

2.1 Periodic ground gas monitoring

GGS completed periodic ground gas monitoring of WS201. Concentrations of standard ground gases (methane, carbon dioxide, oxygen, carbon monoxide, and hydrogen sulphide), and flow, were recorded until steady state conditions were observed, or up to a maximum of 10 minutes.

GGS also recorded depth to groundwater and depth to base of the monitoring well using a geotechnical dip meter. Monitoring data was recorded on individual proforma records, along with all pertinent observations.

Figure 1 below presents selected GGS site photographs taken during periodic monitoring. Additional site photographs are provided in Appendix B.



Figure 1 Selected GGS site photographs taken during periodic monitoring of WS201.

A summary of the periodic monitoring results is presented in Section 3.1, whilst the full gas sweep survey records are presented in Appendix C.

2.2 Flux box tests

One round of 5 No. closed chamber flux box tests was completed on the 3rd of October 2025, by experienced GGS geo environmental specialists. In all cases, the tests were completed in line with the Environment Agency Guidance on monitoring landfill gas surface emissions (LFTGN07 V2 2010).

The closed chamber flux box test locations were selected by GGS specialists, considering project objectives, monitoring results and on-site observations. Test locations were assigned a unique reference number, and any surface vegetation was cleared to facilitate an effective seal between the flux box and the ground surface. A monitoring location plan is presented in Appendix A.

A ground gas flux emitted from the surface was determined by using a gas tight receptacle with a known volume and basal area. For each test, a flux box fitted with two ports on the top, was used and sealed to the site surface. GGS utilized a TDL-500 portable gas detector to monitor methane in parts per million (ppm) and a GFM226 gas analyser to monitor carbon dioxide in ppm. The inlet port of the flux box is used to equalise pressure whilst the outlet port is used to connect the TDL-500 and GFM226 by means of a quick release monitoring valve. The total volume of each flux box used is 165 litres (0.165 m^3) and the footprint is 0.565 m^2.

To ensure accurate measurements, the flux box was temporarily sealed to the ground surface using loose sand mixed with bentonite powder. The sand and clay used was damp and compressed to provide an adequate seal to the surface for each flux box test. In all cases, the temporary seal was adequate to prevent air ingress and gas escaping, even in windy and gusty conditions.

Each flux box test location was assessed for practicality and safety, and if suitable the test was then ascribed with a unique reference number. Prior to starting each test, the current weather conditions were recorded along with accurate measurements of temperature, atmospheric pressure and wind speed and direction. Other pertinent information was also recorded, for example, ground surface conditions and site activities.

Once the readings from the handheld instruments had stabilised within ambient air, the flux box is placed face-down upon the sand / clay seal and the inlet port is closed. The handheld instruments were then used to record methane and carbon dioxide, respectively, at predetermined set time intervals of 30 seconds, 1, 2, 3, 4, 5, 10, 15, 20, 25 and 30 minutes.

A flux box test duration was set at a minimum of 15 minutes and to a maximum of 60 minutes, dependent on concentrations measured. For example, continuing a test where no significant rate of change is recorded would be of no benefit to the outcome of the test (i.e., flux calculation) and concentrations that are excessively high after a short period may present a health and safety risk. It is ensured that all sample cycle periods were no longer than 15-30 seconds, as excessive air pumped from the flux box can change the pressure inside the chamber and affect the results.

Selected GGS site photographs taken during the flux box testing completed at the site are presented in Figure 2 below.



Figure 2 Selected GGS site photographs taken during flux box testing completed at the site.

A summary of the flux box test results is presented in Section 3.2, whilst the full test records are presented in Appendix D.

2.3 Surface emissions survey

A surface emissions survey of the site was undertaken on the 3rd of October 2025, by an experienced GGS geo environmental specialist. The survey was completed in line with the Environment Agency Guidance on monitoring landfill gas surface emissions (LFTGN07 V2 2010).

A Inficon Irwin portable gas detector with adjustable funnel cup probe was used to measure methane close to the ground surface at concentrations to a resolution of 1 part per million (ppm). The Inficon Irwin has GPS logging capability to provide coordinate reference methane readings.

The surface emissions surveys were undertaken by walking at a slow walking pace (approximately 1.5mph) along predetermined transect lines to provide an accurate representation of surface emissions across the site. The funnel cup sample probe was held close to the ground (<5cm), thus retrieving a gas sample of any localised emissions from the surface. During the survey, particular attention as given to pertinent features such as vegetation dieback, voids, and in the vicinity of existing monitoring infrastructure.

Following completion of the surface emissions surveys, the raw data was processed using Geographical Information System (QGIS) software to provide a visual representation of the survey data. The output of the survey data processing is a grid square plot of maximum recorded surface emissions, overlain on a satellite image of the site.

Selected GGS site photographs taken during the surface emission survey completed at the site are presented in Figure 3 below.




Figure 3 Selected GGS site photographs taken during the surface emissions survey completed at the site.

A summary of the surface emission survey data is presented in Section 3.3, whilst the GIS grid plots, and raw survey data are presented in Appendix E. All the calibration certificates and specifications for instruments used in this assessment are presented in Appendix F.

3 Results

3.1 Periodic monitoring results summary

Table 3.1 below presents a summary of the periodic monitoring completed by GGS. A reading was taken at the start of the site visit, and again at the completion of flux boxes and surface emission survey. The full periodic monitoring records are presented in Appendix C.

Table 3.1 GGS periodic gas monitoring results summary

Monitoring Location	Date & Time	Max. Steady Positive Flow Rate (l/hr)	Max. CH_4 (% v/v)	Max. CO_2 (% v/v)	Min O_2 (% v/v)	Max. CO (ppmv)	Max. H_2S (ppmv)	Standing water level (mbgl)	Response zone depth (mbgl) and strata	Pertinent comments and observations
WS201	03/10/25 10:20	0.5	72.2	25.6	<0.1	1	346	NM	Made Ground (0.50-3.00)	Strong rotten egg type odour from the well. Standing water not dipped as to not release any gas. Reading taken before flux boxes and survey measurements
WS201	03/10/25 13:40	<0.1	74.5	23.5	0.1	<1	<1	2.70		Strong rotten egg type odour from the well. Reading taken at end of flux boxes and survey measurements

3.2 Flux box test results summary

Table 3.2 below provides a summary of the flux box testing undertaken at the site. The full flux box records are presented in Appendix C.

Table 3.2 Flux box test results summary

Flux Box ID	Date	Max. CH_4 (ppmv)	Max. CO_2 (ppmv)	CH_4 Surface flux calculation ($mg/m^2/s$)	CO_2 Surface flux calculation ($mg/m^2/s$)
FB01	03/10/2025	10,000	4,979	0.79	0.96
FB02	03/10/2025	17.9	1,476	n/a	0.25
FB03	03/10/2025	19.9	1,340	n/a	0.17
FB04	03/10/2025	9.8	1,204	n/a	0.16
FB05	03/10/2025	11,000	4,290	0.70	0.70

Note: FB05 was a repeat test at the same location as FB01. Where flux is n/a there is no rate of change to calculate a flux value.

3.3 Surface emissions survey summary

Table 3.3 below provides a summary of the surface emission surveys undertaken at the site. The GIS grid plot and raw survey data are presented in Appendix D.

Table 3.3 Surface emission survey results summary

Date	Max. CH_4 (ppmv)	Comments
03/10/2025	8,970	Peak readings recorded east of WS201.

4 Atmospheric Pressure Analysis

The relationship between atmospheric pressure and ground gas can form a critical part of the source-pathway-receptor pollutant linkage model, which is noted in numerous guidance documents. Specifically, it is falling atmospheric pressure, and the rate in which it is falling along with the duration of the fall, that are two of most important factors to consider. A third important factor is low atmospheric pressure.

GGS has undertaken a site-specific analysis for atmospheric pressure during the site visit on the 3rd of October 2025.

To capture potential 'worst case' conditions with respect to falling atmospheric pressure, monitoring should ideally include both short and longer duration falling pressure events at a rate exceeding a sites specific monthly threshold[1]. This is calculated as an average rate of fall over an 8-hour reference period. For context, the annual UK average worst-case rate of fall is 1.15 ± 0.06 millibars per hour. The worst-case monthly specific threshold for the site is 1.16 ± 0.08 millibars per hour, calculated using GGS' atmospheric pressure threshold tool[2].

The rate of atmospheric pressure change over an 8-hour reference period is presented in Figure 4 on the following pages. To provide additional context to the monitoring data in terms of falling atmospheric pressure, the atmospheric pressure regime from three days before the site visit until three days after the site visit has been included in Figure 4.

For weather forecasting in the UK, The Meteorological Office[3] records falling pressure tendency over a 3-hour period, whereby every hour the change in atmospheric pressure over the proceeding 3 hours is noted as being:

- Stable <0.1 millibars
- Falling (or rising) slowly >0.1 millibars
- Falling (or rising) >1.6 millibars
- Falling (or rising) rapidly >3.6 millibars

[1] GGSWP03 Atmospheric Pressure and a Simplified Approach to Determine Worst-Case Conditions for Ground Gas Monitoring in the UK, 2025, GGS Limited, https://ggs-uk.com
[2] https://ggs-uk.com/resources/ggs-whitepaper-calculator-tool-worst-case-atmospheric-pressure-conditions/
[3] https://www.metoffice.gov.uk/binaries/content/assets/metofficegovuk/pdf/research/library-and-archive/library/publications/factsheets/factsheet_8-shipping-forecast.pdf

- Falling (or rising) very rapidly >6 millibars

This provides a clear numerical assessment of the pressure trend at the point of measurement. Similarly, The British Coal Technical Department[4] considered a sharp fall in pressure to be between 4 and 8 millibars over a 3-hour period. GGS has used the time series data to reference a 3-hour tendency throughout the site visit using the Met Office criteria listed above. A time series graph of the 3-hour pressure tendency is also presented in Figure 4 on the following pages, which provides time reference/occurrences to atmospheric pressure falling, falling rapidly and/or falling very rapidly.

The standard mean sea level pressure (MSLP) in the UK is defined as 1013.25 millibars[5], which provides a common value to compare atmospheric pressure across different locations and elevations. With consideration to the site's geographical location, the annual average atmospheric pressure is calculated at 1013.8 millibars. Atmospheric pressure can also be segmented into five distinct categories as follows[6]:

- Very high >1032.0 millibars
- High >1021.9 <1031.9 millibars
- Normal >1006.7 <1021.8 millibars
- Low >992.6 <1006.6 millibars
- Very low <992.5 millibars

Table 4.1 below provides a summary of the atmospheric pressure regime during the site visit.

[4] British Coal Technical Department. 1990. Hazardous Gases Underground: Notes for Guidance NG/9. British Coal Technical Department.
[5] https://www.metoffice.gov.uk/weather/learn-about/weather/how-weather-works/high-and-low-pressure
[6] GGSWP03 Atmospheric Pressure and a Simplified Approach to Determine Worst-Case Conditions for Ground Gas Monitoring in the UK, 2025, GGS Limited, https://ggs-uk.com

Table 4.1 Atmospheric pressure regime during the GGS site visit on 03/10/25

Atmospheric Pressure Analysis	
Range in atmospheric pressure (mbar)	989.1 – 1004.9 (15.8 millibars)
Maximum average rate of fall over an 8-hour reference period	1.97 mbar/hour (03/10/2025 09:00 at 1004.9mb to 03/10/2025 17:00 at 989.1mb)
Maximum change in pressure over a 3-hour period (pressure tendency)	8.2 millibars (03/10/2025 12:00 at 1000.2mb to 03/10/2025 15:00 at 992.0mb)
Number of hourly counts of rapid falling pressure	3 (37.5% of the 8 hours assessed during day of the site visit)
Number of hourly counts of very rapid falling pressure	4 (50% of the 8 hours assessed during day of the site visit)
Number of hourly counts of low pressure	5 (62.5% of the 8 hours assessed during day of the site visit)
Number of hourly counts of very low pressure	3 (37.5% of the 8 hours assessed during day of the site visit)
Additional information	Storm Amy, the first storm of the 2025/2026 season, hit the UK from the 3rd to the 4th of October. The storm brought strong winds and heavy rains. Review of historical data from OpenMeteo shows 12.6mm of rainfall to have occurred during the site visit, with wind speeds of up to 34.9km/h and gusts of up to 82.4 km/h.

Note: summary includes data from 09:00 to 17:00 on the day of the site visit.

For the purpose of atmospheric pressure analysis, GGS has obtained historical weather data which is based on reanalysis datasets. A combination of weather station, aricraft, buoy, radar and satellite observations are used to creat a comprehensive record of past weatherr conditions. These datasets are able to provide detailed historical weather data for locations which may not have a local weather station and for locations that may have gaps in observational weather data. All the assessed atmospheric pressure data is relative to sea level pressure.

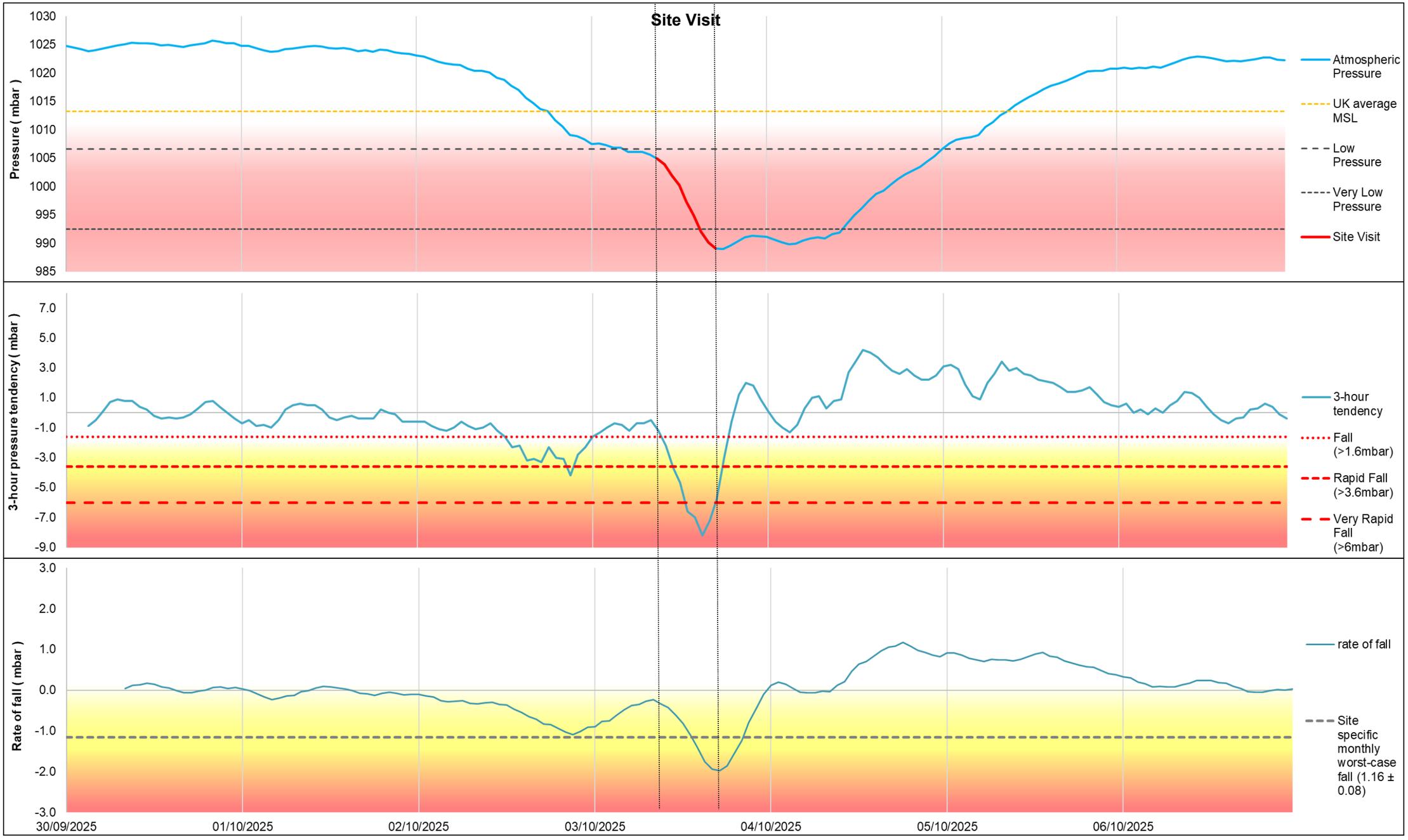


Figure 4 Time series atmospheric pressure presented with reference to standard UK mean sea level pressure (top), 3-hour pressure tendency (middle) and a maximum rate of fall averaged over an 8-hour reference period (bottom). Data from the 30th of September (three days before the site visit) until the 6th of October (three days after the site visit) has been included, with the day of the site visit highlighted.

5 Technical summary of bulk gases

GGS undertook a ground gas monitoring programme including periodic ground gas monitoring, flux box tests and a surface emission survey. A short technical commentary of the lines of evidence gathered by GGS is presented below.

5.1 Periodic ground gas monitoring

GGS carried out periodic monitoring at WS201 on 3rd October 2025 at 10:20am and 13:40pm. At 10:20am atmospheric pressure was between 1003.9 – 1001.9 mb and had been falling since 01/10/2025 22:00pm (37 hours) with a maximum steady flow rate of 0.5 l/h was recorded. Methane concentrations were recorded at a maximum of 72.2% v/v and carbon dioxide at 25.6% v/v. Oxygen concentrations reduced to <0.1% v/v after 8 minutes of monitoring and hydrogen sulphide was recorded up to a maximum of 346 ppmv.

During the second periodic monitoring at 13:40pm, atmospheric pressure was between 997.3 – 994.9mb and, in terms of the 3-hour tendency, recorded a very rapid fall rate. Flow was negligible, while methane and carbon dioxide readings were similar, reaching 74.5 and 23.5% v/v respectively, while hydrogen sulphide concentrations did not exceed <1 ppmv. A dip reading showed the groundwater level to be at 2.7 mbgl, with the response zone screening 0.5 – 3.0 mbgl of the made ground.

5.2 Flux box monitoring

Flux box testing was carried out at 5 No. locations on 3rd October 2025. Flux box test locations were placed in proximity to WS201 and were also chosen based on the results from the surface emissions survey, which highlighted potential ground gas emission points identified at the surface. The highest concentrations were recorded at FB01 and FB05, which were carried out at the same location, 01 at 10:57am and 05 at 13:15pm. Methane levels at FB05 reached 11,000 ppmv after 30 minutes, while carbon dioxide reached 4,970 ppmv at FB05 after 30 minutes. A flux at FB05 was calculated as 0.70 mg/m^2/s for both methane and carbon dioxide. However, FB01 provided the fastest rate of change within the shortest time frame, producing flux calculations of 0.79 and 0.96 mg/m^2/s for methane and carbon dioxide, respectively. Concentrations at the other 3 flux box locations (FB02, FB03 & FB04) were slightly elevated also, with methane ranging 9-19 ppmv and carbon dioxide above 1000 ppmv at all 3 locations. It is also important to note that methane was elevated in ambient air, therefore, methane was likely trapped after placing and sealing the flux box on

the ground surface, providing evidence of continued emissions across a wider area or contribution from the adjacent landfill (or both).

5.3 Surface emissions survey

The emissions survey was carried out in close proximity to WS201, predominantly to the south, east and west. The peak readings were concentrated to the east of the well, with elevated readings also present south and west. Specific point sources were located particularly in the area where fence posts were located.

5.4 Atmospheric pressure regime

Falling atmospheric pressure is considered to most likely be the dominant driver for which migration within a geological pathway and release at the site surface could occur. As evidenced by Section 5, a highly variable falling atmospheric pressure regime was captured during Storm Amy, with a pressure range of 15.8 millibars during the day (09:00 – 17:00). The maximum rate of fall was calculated at 1.97 mbar/hour alongside 4 counts of very rapid falling pressure, exceeding the site specific monthly worst case fall threshold of 1.16 ± 0.08 mbar/hour.

It is considered that worst case conditions with respect to falling atmospheric pressure and the monitoring objectives have been observed.

6 Instrumentation specifications

GGS instrumentation is maintained in accordance with the manufacturer recommendations and is serviced and calibrated annually. Note that for some instrumentation, cross sensitivity to other gases and significant environmental changes, such as temperature, pressure and humidity, should be taken into consideration when considering all site monitoring data.

The current calibration certificates and specifications for all equipment used on site are presented in Appendix F.

7 ISO Accreditation and Professional Insurances

GGS are accredited to the following international standards:

- ISO 9001:2015 (Quality Management System);
- ISO 14001:2015 (Environmental Management System), and;
- ISO 45001: 2018 (Occupational Health and Safety Management System).

8 Limitations

GGS has prepared this factual report for the use of the Client and those parties whom a warranty agreement has been executed, or with whom an assignment has been agreed.

GGS accepts no responsibility for the consequences of this document being used for any purpose or project other than for which it was commissioned or for the consequences arising from this document's use by any third party with whom an agreement has not been executed.

GGS accept no responsibility for the interpretation of this factual data. A reviewer of the data provided must take into account other available information and the context in which this data was collected. For example, site setting, conceptual site model, environmental conditions, gases present (that are not monitored as part of this contract, but may interfere with the sensors used), building design and construction practices during the monitoring period.

GGS accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

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Appendix A

Flux Box Monitoring Location Plan

For: E3P
Ref No.: GGS4065DPP01
Date: 21/10/2025

Experts in Continuous Monitoring



Title:
Flux Box Monitoring Locations

Project:
GGS4065 Former Kirby College

Drawing No:
GGS4065_13.10.25

Key:

Flux box monitoring location

Note:
- All locations are approximate.
- Imagery Google© 2025.

Rev.	Date	Dwn.	Description	App'd
0	13/10/25	MT	FINAL	HH

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Hibbert Street, Stockport, SK4 1PL

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Appendix B

Site Photographs

For: E3P
Ref No.: GGS4065DPP01
Date: 21/10/2025

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1. General site photograph.



2. Monitoring well WS201(MW).



3. Ground prepared for flux box testing.



4. Flux box testing being carried out.



5. Periodic monitoring of WS201(MW).



6. Surface emissions survey.

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Appendix C

Periodic Monitoring Records

For: E3P
Ref No.: GGS4065DPP01
Date: 21/10/2025

Experts in Continuous Monitoring

Experts in Continuous Monitoring

PROJECT DETAILS		
Project ID	GGS4065	
Site	Former Kirby College	
Date	03/10/2025	
Weather Conditions (from Met office app)	**Temperature (°C)**	17
	Wind (mph)	10
	Precipitation	Heavy
	Cloud cover	Dense cloud
	Atmospheric Pressure trend	Falling
Overall Site Ground Conditions		
Site Notes/H&S Notes		

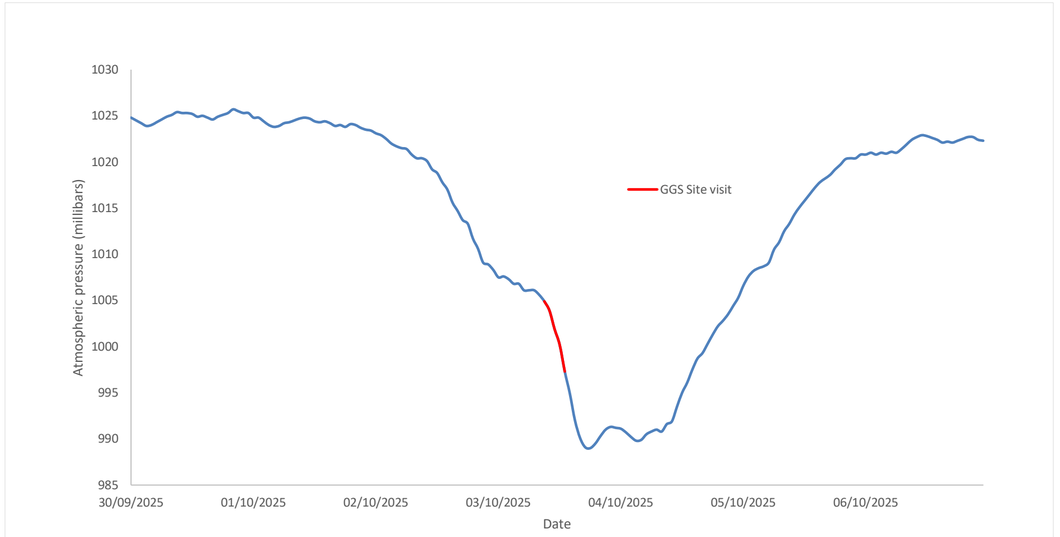


Figure 1. GGS site visit in relation to atmospheric pressure regime

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Experts in Continuous Monitoring

Site Name	Former Kirby College	
Project ID	GGS4065	
GGS Staff	CF	
Monitoring Date		03/10/2025
Monitoring Start Time		10:20

Borehole Details	
Borehole ID	WS210(MW)
W3W	spare.lately.photo
Area surrounding borehole	Saturated
Headworks Type	Ground Level
Rubber bung and valve in place?	Yes
Valve is clear and clean?	Yes
Standpipe Condition	Correct

Notes
Egg odour. Valve and bung slightly loose, tightened 25 mins prior.

BS8576 Visual Checks	
Concrete Cover	Present
Bentonite Seal	Not Visible
Gravel Fill	Not Visible

Borehole Measurements	
Groundwater Level (mbgl)	NM
Depth to base (mbgl)	NM

Time	**Gas Flow**	**Gas Readings**						
(seconds)	Litres/hour	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	BAL	CO (ppmv)	H_2S (ppmv)	H_2 (ppmv)
Fresh Air	<0.1	0.2	0.1	21.0	79.0	<1	<1	10
Initial	0.4	71.6	25.1	0.6	2.7	<1	298	20
30	0.5	71.9	25.2	0.2	2.7	1	325	27
60	0.5	72.0	25.1	0.1	2.8	<1	342	32
120	0.5	72.1	25.1	0.1	2.7	<1	346	32
180	0.5	72.2	25.1	0.1	2.6	1	328	33
240		72.1	25.3	0.1	2.5	1	252	31
300		72.0	25.4	0.1	2.5	<1	178	31
360		71.9	25.6	0.1	2.4	<1	165	31
420		71.8	25.6	0.1	2.5	<1	146	34
480		71.8	25.6	<0.1	2.6	1	136	36
540		71.7	25.6	<0.1	2.7	<1	133	39
600		71.7	25.6	<0.1	2.7	1	126	41
Fresh Air	<0.1	0.2	0.1	21.4	78.3	<1	<1	9

Pressure Readings	**Start**	**End**
Atmospheric Pressure (mb)	1005	1002

EQUIPMENT	
Model	**Serial Number**
GA5000	G503519
Dip tape	N/A

STEADY STATE FINAL RESULTS								
Reult	Flow (l/hr)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	BAL	CO (ppmv)	H_2S (ppmv)	H_2 (ppmv)
Steady state time (s)	30	N/A	60	60	N/A	300	N/A	240
Steady state value	0.5	N/A	25.1	0.1	N/A	<1	N/A	31
Peak Value (O_2 Low)	0.5	72.2	25.6	<0.1	2.8	1	346	41

KEY: <0.1= Below instrument limit of detection, NM = Not Measured, N/A = Not Applicable, %v/v = Percentage volume by volume, ppmv = parts per million by volume, mb = milibar, ltr/hr = litres per hour, mbgl = metres below ground level, OS = off scale of instrument

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Experts in Continuous Monitoring

Site Name	Former Kirby College
Project ID	GGS4065
GGS Staff	PG
Monitoring Date	03/10/2025
Monitoring Start Time	13:40

Borehole Details			
Borehole ID		WS210(MW)	
W3W	spare.lately.photo		
Area surrounding borehole			Saturated
Headworks Type		Ground Level	
Rubber bung and valve in place?			Yes
Valve is clear and clean?			Yes
Standpipe Condition		Correct	

Notes
Egg odour.

Time	Gas Flow	Gas Readings					
(seconds)	Litres/hour	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	BAL	CO (ppmv)	H_2S (ppmv)
Fresh Air	<0.1	0.3	0.1	21.3	78.7	<1	<1
Initial	<0.1	74.4	23.5	0.2	1.9	<1	<1
30	<0.1	74.4	23.5	0.2	1.9	<1	<1
60		74.5	23.2	0.1	2.2	<1	<1
120		74.5	23.2	0.1	2.2	<1	<1
180		74.5	23.2	0.1	2.2	<1	<1
240							
300							
360							
420							
480							
540							
600							
Fresh Air	<0.1	0.2	0.1	20.7	79.0	<1	<1

BS8576 Visual Checks	
Concrete Cover	Present
Bentonite Seal	Not Visible
Gravel Fill	Not Visible

Borehole Measurements	
Groundwater Level (mbgl)	2.70
Depth to base (mbgl)	3.64

Pressure Readings	Start	End
Atmospheric Pressure (mb)	1010	1010

EQUIPMENT	
Model	**Serial Number**
GA5000	G503519
Dip tape	N/A

STEADY STATE FINAL RESULTS							
Reult	Flow (l/hr)	CH_4 (% v/v)	CO_2 (% v/v)	O_2 (% v/v)	BAL	CO (ppmv)	H_2S (ppmv)
Steady state time (s)	30	60	60	60	60	30	30
Steady state value	<0.1	74.5	23.2	0.1	2.2	<1	<1
Peak Value (O_2 Low)	<0.1	74.5	23.5	0.1	2.2	<1	<1

KEY: <0.1= Below instrument limit of detection, NM = Not Measured, N/A = Not Applicable, %v/v = Percentage volume by volume, ppmv = parts per million by volume, mb = milibar, ltr/hr = litres per hour, mbgl = metres below ground level, OS = off scale of instrument

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Appendix D

Flux Box Test Records

For: E3P
Ref No.: GGS4065DPP01
Date: 21/10/2025

Experts in Continuous Monitoring

Experts in Continuous Monitoring

PROJECT:	GGS4065
SITE:	Former Kirby College
DATE:	02/10/2025
SPECIALIST:	CF

EQUIPMENT		
Model	**Serial Number**	**P**
TDL - 500	3560717	Y
GFM 226	13793	Y

WEATHER CONDITIONS						GROUND CONDITIONS / GENERAL COMMENTS Frost, Wet etc.?			
General Comments:		Heavy rain during Storm Amy. Average temperature 17°C.				Soft ground. Edge of site.			
Ambient Air Temp	16°C	**Wind Direction**	SSE	**Start Wind Speed (mph)**	10				
Start Pressure (mb):	1005	**End Pressure (mb):**	1003	**End Wind Speed (mph)**	10	**Gas Management System Operational? Y/N**	N/A	**Atmospheric Pressure Trend**	Falling

W3W	photo.pump.acting	**Start Time**	10:57	**End Time**	11:27
		Flux box ID	FB01		

Flux box Volume (ltrs)	165	**Ground Seal?**	Sand and bentonite mix	**Pressure equalised & valve closed? Y/N**	Yes

	CH4 (ppmv)	CO2 (ppmv)	Maximum Sampling Period 30 Secs? Y/N	Comments?
Fresh Air	4.2	451	N/A	
30 Sec	3891	1760	Yes	
1 Min	3000	2274	Yes	
2 Min	4000	2280	Yes	
3 Min	3000	2384	Yes	
4 Min	4000	2504	Yes	
5 Min	4000	2564	Yes	
10 Min	5000	2864	Yes	
15 Min	5000	3411	Yes	
20 Min	10000	4192	Yes	
25 Min	8638	4794	Yes	
30 Min	9000	4979	Yes	
Fresh Air	3.9	348	N/A	

Flux box duration (mins)	30

KEY: ND = No Detection, NM = Not Measured, NR = Not Recorded, N/A = Not Applicable, * = see comments, %v/v = Percentage volume by volume, ppmv = parts per million by volume, mb = millibar, Ltr/hr = litres per hour, mbgl = metres below ground level, SWL = standing water level, m/sec = metres per second, Sec = Second. Mins = minutes, Pa = Pascals, Ltrs = Litres

Experts in Continuous Monitoring

PROJECT:	GGS4065
SITE:	Former Kirby College
DATE:	02/10/2025
SPECIALIST:	CF

EQUIPMENT		
Model	**Serial Number**	**P**
TDL - 500	3560717	Y
GFM 226	13793	Y

WEATHER CONDITIONS						GROUND CONDITIONS / GENERAL COMMENTS Frost, Wet etc.?			
General Comments:	Heavy rain during Storm Amy. Average temperature 17°C.					Damp and wet. Grass pulled back.			
Ambient Air Temp	15°C	**Wind Direction**	SSE	**Start Wind Speed (mph)**	12				
Start Pressure (mb):	1003	**End Pressure (mb):**	1003	**End Wind Speed (mph)**	12	**Gas Management System Operational? Y/N**	N/A	**Atmospheric Pressure Trend**	Falling

W3W	flips.stream.birds	**Start Time**	11:35	**End Time**	11:55
		Flux box ID	FB02		

Flux box Volume (ltrs)	165	**Ground Seal?**	Sand and bentonite mix	**Pressure equalised & valve closed? Y/N**	Yes

	CH4 (ppmv)	CO2 (ppmv)	Maximum Sampling Period 30 Secs? Y/N	Comments?
Fresh Air	2.9	460	N/A	
30 Sec	11.8	937	Yes	
1 Min	17.9	941	Yes	
2 Min	17.7	995	Yes	
3 Min	17.8	1029	Yes	
4 Min	17.4	1052	Yes	
5 Min	17.3	1094	Yes	
10 Min	16.8	1217	Yes	
15 Min	16.2	1310	Yes	
20 Min	15.8	1476	Yes	
Fresh Air	2.8	430	N/A	

Flux box duration (mins)	20

KEY: ND = No Detection, NM = Not Measured, NR = Not Recorded, N/A = Not Applicable, * = see comments, %v/v = Percentage volume by volume, ppmv = parts per million by volume, mb = millibar, Ltr/hr = litres per hour, mbgl = metres below ground level, SWL = standing water level, m/sec = metres per second, Sec = Second. Mins = minutes, Pa = Pascals, Ltrs = Litres

PROJECT:	GGS4065
SITE:	Former Kirby College
DATE:	02/10/2025
SPECIALIST:	CF

EQUIPMENT		
Model	**Serial Number**	**P**
TDL - 500	3560717	Y
GFM 226	13793	Y

WEATHER CONDITIONS						GROUND CONDITIONS / GENERAL COMMENTS Frost, Wet etc.?			
General Comments:	Heavy rain during Storm Amy. Average temperature 17°C.								
Ambient Air Temp	15°C	**Wind Direction**	SSE	**Start Wind Speed (mph)**	15				
Start Pressure (mb):	1001	**End Pressure (mb):**	1001	**End Wind Speed (mph)**	15	**Gas Management System Operational? Y/N**	N/A	**Atmospheric Pressure Trend**	Falling

W3W	pens.letter.reduce	**Start Time**	12:15	**End Time**	12:30
		Flux box ID	FB03		

Flux box Volume (ltrs)	165	**Ground Seal?**	Sand and bentonite mix	**Pressure equalised & valve closed? Y/N**	Yes

	CH4 (ppmv)	CO2 (ppmv)	Maximum Sampling Period 30 Secs? Y/N	Comments?
Fresh Air	3.2	419	N/A	
30 Sec	19.9	1008	Yes	
1 Min	19.9	1047	Yes	
2 Min	19.8	1097	Yes	
3 Min	19.5	1141	Yes	
4 Min	19.6	1173	Yes	
5 Min	19.9	1167	Yes	
10 Min	19.6	1228	Yes	
15 Min	19.6	1340	Yes	
Fresh Air	1.4	444	N/A	

Flux box duration (mins)	20

KEY: ND = No Detection, NM = Not Measured, NR = Not Recorded, N/A = Not Applicable, * = see comments, %v/v = Percentage volume by volume, ppmv = parts per million by volume, mb = millibar, Ltr/hr = litres per hour, mbgl = metres below ground level, SWL = standing water level, m/sec = metres per second, Sec = Second. Mins = minutes, Pa = Pascals, Ltrs = Litres

PROJECT:	GGS4065
SITE:	Former Kirby College
DATE:	02/10/2025
SPECIALIST:	CF

EQUIPMENT		
Model	**Serial Number**	**P**
TDL - 500	3560717	Y
GFM 226	13793	Y

WEATHER CONDITIONS						GROUND CONDITIONS / GENERAL COMMENTS Frost, Wet etc.?			
General Comments:		Heavy rain during Storm Amy. Average temperature 17°C.				Corner of site. Valve in place 5/10 mins before start of test.			
Ambient Air Temp	15°C	**Wind Direction**	SSE	**Start Wind Speed (mph)**	15				
Start Pressure (mb):	1001	**End Pressure (mb):**	1001	**End Wind Speed (mph)**	15	**Gas Management System Operational? Y/N**	N/A	**Atmospheric Pressure Trend**	Falling

W3W	risk.basis.wins	**Start Time**	12:45	**End Time**	13:05
		Flux box ID	FB04		

Flux box Volume (ltrs)	165	**Ground Seal?**	Sand and bentonite mix	**Pressure equalised & valve closed? Y/N**	Yes

	CH4 (ppmv)	CO2 (ppmv)	Maximum Sampling Period 30 Secs? Y/N	Comments?
Fresh Air	5.5	431	N/A	
30 Sec	9.3	855	Yes	
1 Min	9.6	886	Yes	
2 Min	9.8	943	Yes	
3 Min	9.8	970	Yes	
4 Min	9.6	958	Yes	
5 Min	9.5	965	Yes	
10 Min	9.6	1054	Yes	
15 Min	9.2	1200	Yes	
20 Min	9.4	1204	Yes	
Fresh Air	5.5 - 8.8	433	N/A	

Flux box duration (mins)	20

KEY: ND = No Detection, NM = Not Measured, NR = Not Recorded, N/A = Not Applicable, * = see comments, %v/v = Percentage volume by volume, ppmv = parts per million by volume, mb = millibar, Ltr/hr = litres per hour, mbgl = metres below ground level, SWL = standing water level, m/sec = metres per second, Sec = Second. Mins = minutes, Pa = Pascals, Ltrs = Litres

PROJECT:	GGS4065
SITE:	Former Kirby College
DATE:	02/10/2025
SPECIALIST:	CF

EQUIPMENT		
Model	**Serial Number**	**P**
TDL - 500	3560717	Y
GFM 226	13793	Y

WEATHER CONDITIONS						GROUND CONDITIONS / GENERAL COMMENTS Frost, Wet etc.?			
General Comments:	Heavy rain during Storm Amy. Average temperature 17°C.					Same location as FB01, hours apart during falling pressure.			
Ambient Air Temp	15°C	**Wind Direction**	SSE	**Start Wind Speed (mph)**	18				
Start Pressure (mb):	999	**End Pressure (mb):**	999	**End Wind Speed (mph)**	18	**Gas Management System Operational? Y/N**	N/A	**Atmospheric Pressure Trend**	Falling

W3W	photo.pump.acting	**Start Time**	13:15	**End Time**	13:45
		Flux box ID	FB05		

Flux box Volume (ltrs)	165	**Ground Seal?**	Sand and bentonite mix	**Pressure equalised & valve closed? Y/N**	Yes

	CH4 (ppmv)	CO2 (ppmv)	Maximum Sampling Period 30 Secs? Y/N	Comments?
Fresh Air	6.8	457	N/A	
30 Sec	5000	1981	Yes	
1 Min	5000	2390	Yes	
2 Min	5000	2148	Yes	
3 Min	7000	1339	Yes	
4 Min	7000	2290	Yes	
5 Min	7568	2548	Yes	
10 Min	7000	2678	Yes	
15 Min	7000	2848	Yes	
20 Min	8000	3375	Yes	
25 Min	9000	3876	Yes	
30 Min	11000	4290	Yes	
Fresh Air	5.5 - 10.4	466	N/A	

Flux box duration (mins)	30

KEY: ND = No Detection, NM = Not Measured, NR = Not Recorded, N/A = Not Applicable, * = see comments, %v/v = Percentage volume by volume, ppmv = parts per million by volume, mb = millibar, Ltr/hr = litres per hour, mbgl = metres below ground level, SWL = standing water level, m/sec = metres per second, Sec = Second. Mins = minutes, Pa = Pascals, Ltrs = Litres

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Appendix E

Surface Emissions Survey Grid Plot & Raw Data

For: E3P
Ref No.: GGS4065DPP01
Date: 21/10/2025

Experts in Continuous Monitoring



TITLE: Surface Emissions Survey

PROJECT: 4065 - Former Kirby College

DRAWING REF: GGS4065_SES_03.10.25

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Notes:
Surface emissions survey completed 3rd October 2025.
The results of the survey were analysed using GIS software and plotted as maximum concentrations within 5m (diameter) grid squares.
Drawing not to scale - for illustrative purposes only.

Rev.	Date	Drw	Description	App'd
0	13/10/25	MT	FINAL	HH

Key:
All results are in ppm

- 0 - 2.5
- 2.5 - 5
- 5 - 10
- 10 - 25
- 25 - 50
- 50 - 100
- 100 - 1000
- 1000 - 10000
- 10000 - 1000000



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ggs
Experts in Continuous Monitoring
Ground Gas Solutions (GGS) Ltd.
Pythia House (Unit 10),
Bamford Business Park
Hibbert Street,
Stockport,
SK4 1PL

GGS Surface Emissions Survey Data

Project Ref:	GGS4065
Location:	Former Kikby College, Cherryfield Drive, Kirkby, Liverpool
Specialist:	PG
Survey Date:	03/10/2025
Total samples:	705



Comments & Observations

Minimum, Maximum and Range Table [4]

	CH
Minimum	0
Maximum	8970
Range	8970

[4]

Date and Time	CH (ppmv)	Latitude (degrees)	Longitude (degrees)
03/10/2025 09:04	4	53.4803836	-2.8931563
03/10/2025 09:04	2	53.4803894	-2.8931689
03/10/2025 09:04	0	53.4804077	-2.8931804
03/10/2025 09:04	4	53.4804074	-2.8931981
03/10/2025 09:04	0	53.4804217	-2.8931958
03/10/2025 09:04	4	53.4804274	-2.8931828
03/10/2025 09:04	4	53.4804271	-2.8931896
03/10/2025 09:05	4	53.4804312	-2.8931908
03/10/2025 09:05	4	53.4804277	-2.8931863
03/10/2025 09:05	5	53.4804274	-2.8931943
03/10/2025 09:05	4	53.4804307	-2.8932033
03/10/2025 09:05	2	53.4804304	-2.8932063
03/10/2025 09:05	0	53.4804256	-2.8932068
03/10/2025 09:05	1	53.4804249	-2.8932054
03/10/2025 09:05	2	53.4804249	-2.8932081
03/10/2025 09:05	2	53.4804254	-2.8932133
03/10/2025 09:05	3	53.4804262	-2.8932184
03/10/2025 09:05	5	53.4804289	-2.8932224
03/10/2025 09:05	10	53.4804324	-2.8932269
03/10/2025 09:05	10	53.4804324	-2.8932306
03/10/2025 09:05	8	53.4804366	-2.8932383
03/10/2025 09:05	9	53.4804387	-2.8932433
03/10/2025 09:05	6	53.4804382	-2.8932471
03/10/2025 09:05	6	53.4804364	-2.8932503
03/10/2025 09:05	5	53.4804272	-2.8932431
03/10/2025 09:05	4	53.4804209	-2.8932443
03/10/2025 09:05	0	53.4804192	-2.8932533
03/10/2025 09:06	0	53.4804201	-2.8932578
03/10/2025 09:06	0	53.4804207	-2.8932644
03/10/2025 09:06	0	53.4804212	-2.8932684
03/10/2025 09:06	0	53.4804124	-2.8932649
03/10/2025 09:06	0	53.4804012	-2.8932588
03/10/2025 09:06	0	53.4803954	-2.8932548
03/10/2025 09:06	0	53.4803929	-2.8932506
03/10/2025 09:06	0	53.4803912	-2.8932471
03/10/2025 09:06	0	53.4803824	-2.8932453
03/10/2025 09:06	0	53.4803797	-2.8932448
03/10/2025 09:06	0	53.4803794	-2.8932441
03/10/2025 09:06	0	53.4803812	-2.8932468
03/10/2025 09:06	0	53.4803812	-2.8932511
03/10/2025 09:06	0	53.4803822	-2.8932529
03/10/2025 09:06	0	53.4803834	-2.8932566
03/10/2025 09:06	0	53.4803792	-2.8932578
03/10/2025 09:06	0	53.4803877	-2.8932588
03/10/2025 09:06	0	53.4803794	-2.8932431
03/10/2025 09:06	0	53.4803702	-2.8932418
03/10/2025 09:06	0	53.4803719	-2.8932298
03/10/2025 09:07	0	53.4803729	-2.8932151
03/10/2025 09:07	0	53.4803829	-2.8932213
03/10/2025 09:07	0	53.4803826	-2.8932271
03/10/2025 09:07	0	53.4803874	-2.8932236
03/10/2025 09:07	0	53.4803896	-2.8932156
03/10/2025 09:07	0	53.4803837	-2.8932186
03/10/2025 09:07	0	53.4803862	-2.8932156
03/10/2025 09:07	0	53.4803901	-2.8932096
03/10/2025 09:07	0	53.4803879	-2.8932039
03/10/2025 09:07	0	53.4803817	-2.8932011

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03/10/2025 09:07	0	53.4803844	-2.8931978
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03/10/2025 09:07	0	53.4803841	-2.8932008
03/10/2025 09:07	0	53.4803792	-2.8932233
03/10/2025 09:07	3	53.4803766	-2.8932448
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03/10/2025 09:07	0	53.4803771	-2.8932628
03/10/2025 09:07	0	53.4803807	-2.8932794
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03/10/2025 09:07	0	53.4803796	-2.8932999
03/10/2025 09:08	0	53.4803752	-2.8933086
03/10/2025 09:08	0	53.4803609	-2.8933229
03/10/2025 09:08	0	53.4803561	-2.8933264
03/10/2025 09:08	0	53.4803564	-2.8933474
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03/10/2025 09:08	0	53.4803377	-2.8933689
03/10/2025 09:08	0	53.4803267	-2.8933594
03/10/2025 09:08	0	53.4803236	-2.8933571
03/10/2025 09:08	0	53.4803281	-2.8933503
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03/10/2025 09:08	0	53.4803302	-2.8933571
03/10/2025 09:08	0	53.4803286	-2.8933603
03/10/2025 09:08	2	53.4803394	-2.8933906
03/10/2025 09:08	0	53.4803377	-2.8934286
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03/10/2025 09:08	0	53.4803247	-2.8934549
03/10/2025 09:08	0	53.4803239	-2.8934788
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03/10/2025 09:09	0	53.4803352	-2.8935648
03/10/2025 09:09	0	53.4803574	-2.8935663
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03/10/2025 09:09	0	53.4803866	-2.8935873
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03/10/2025 09:09	0	53.4803914	-2.8936033
03/10/2025 09:09	0	53.4804057	-2.8936044
03/10/2025 09:09	9	53.4804176	-2.8936003
03/10/2025 09:09	14	53.4804237	-2.8936084
03/10/2025 09:09	4	53.4804289	-2.8935879
03/10/2025 09:09	4	53.4804321	-2.8935853
03/10/2025 09:09	0	53.4804341	-2.8935798
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03/10/2025 09:09	0	53.4804369	-2.8935786
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03/10/2025 09:09	0	53.4804514	-2.8935708
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03/10/2025 09:10	0	53.4804276	-2.8936486
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03/10/2025 09:10	0	53.4804884	-2.8936204
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03/10/2025 09:11	0	53.4803876	-2.8933953
03/10/2025 09:11	0	53.4803674	-2.8933779
03/10/2025 09:11	3	53.4803536	-2.8933396
03/10/2025 09:11	0	53.4803449	-2.8933114
03/10/2025 09:11	0	53.4803372	-2.8932791
03/10/2025 09:11	0	53.4803247	-2.8932796
03/10/2025 09:11	0	53.4803181	-2.8932634
03/10/2025 09:11	2	53.4803179	-2.8932578
03/10/2025 09:12	47	53.4803152	-2.8932791
03/10/2025 09:12	166	53.4803122	-2.8932808
03/10/2025 09:12	213	53.4803031	-2.8932781
03/10/2025 09:12	196	53.4803017	-2.8932588
03/10/2025 09:12	216	53.4803036	-2.8932711
03/10/2025 09:12	147	53.4803111	-2.8932778
03/10/2025 09:12	87	53.4803147	-2.8932761
03/10/2025 09:12	58	53.4803144	-2.8933018
03/10/2025 09:12	50	53.4802924	-2.8933119
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03/10/2025 09:12	297	53.4802436	-2.8933054
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03/10/2025 09:12	256	53.4802076	-2.8933234
03/10/2025 09:12	285	53.4802154	-2.8933534
03/10/2025 09:12	303	53.4802316	-2.8933826
03/10/2025 09:12	264	53.4802359	-2.8933758
03/10/2025 09:12	269	53.4802346	-2.8933653
03/10/2025 09:12	277	53.4802416	-2.8933566
03/10/2025 09:13	223	53.4802386	-2.8933266
03/10/2025 09:13	194	53.4802447	-2.8933329
03/10/2025 09:13	338	53.4802459	-2.8933479
03/10/2025 09:13	361	53.4802177	-2.8932989
03/10/2025 09:13	320	53.4801936	-2.8932521
03/10/2025 09:13	276	53.4801976	-2.8932648
03/10/2025 09:13	270	53.4801877	-2.8932201
03/10/2025 09:13	274	53.4801626	-2.8930984
03/10/2025 09:13	417	53.4801652	-2.8930988
03/10/2025 09:13	378	53.4801772	-2.8931279
03/10/2025 09:13	423	53.4801852	-2.8931393
03/10/2025 09:13	447	53.4801864	-2.8931411
03/10/2025 09:13	428	53.4801831	-2.8931486
03/10/2025 09:13	293	53.4801856	-2.8931711
03/10/2025 09:13	196	53.4801872	-2.8932014
03/10/2025 09:13	156	53.4801866	-2.8932164
03/10/2025 09:13	99	53.4801856	-2.8932513
03/10/2025 09:13	76	53.4801936	-2.8932806
03/10/2025 09:13	64	53.4802009	-2.8932904
03/10/2025 09:13	57	53.4802076	-2.8932878
03/10/2025 09:14	65	53.4802112	-2.8932941
03/10/2025 09:14	134	53.4802169	-2.8933031
03/10/2025 09:14	147	53.4802329	-2.8933173
03/10/2025 09:14	206	53.4802347	-2.8933251
03/10/2025 09:14	302	53.4802442	-2.8933258
03/10/2025 09:14	340	53.4802451	-2.8933001
03/10/2025 09:14	288	53.4802414	-2.8932944
03/10/2025 09:14	241	53.4802447	-2.8932974
03/10/2025 09:14	184	53.4802502	-2.8932836
03/10/2025 09:14	152	53.4802502	-2.8932604
03/10/2025 09:14	131	53.4802546	-2.8932741
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03/10/2025 09:14	12	53.4802606	-2.8932801
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03/10/2025 09:14	0	53.4802582	-2.8932798
03/10/2025 09:14	7	53.4802564	-2.8932879
03/10/2025 09:14	7	53.4802499	-2.8932798
03/10/2025 09:14	8	53.4802514	-2.8932749
03/10/2025 09:14	16	53.4802512	-2.8932751
03/10/2025 09:15	31	53.4802446	-2.8932768
03/10/2025 09:15	35	53.4802412	-2.8932774
03/10/2025 09:15	49	53.4802389	-2.8932736
03/10/2025 09:15	65	53.4802336	-2.8932684
03/10/2025 09:15	59	53.4802446	-2.8932678
03/10/2025 09:15	63	53.4802461	-2.8932608
03/10/2025 09:15	73	53.4802516	-2.8932589
03/10/2025 09:15	102	53.4802534	-2.8932551
03/10/2025 09:15	117	53.4802464	-2.8932399
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03/10/2025 09:15	106	53.4802527	-2.8932293
03/10/2025 09:15	65	53.4802604	-2.8932321
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03/10/2025 09:15	0	53.4802684	-2.8932211

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03/10/2025 09:15	0	53.4802557	-2.8931643
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03/10/2025 09:15	4	53.4802357	-2.8931551
03/10/2025 09:15	35	53.4802349	-2.8931354
03/10/2025 09:15	86	53.4802239	-2.8931208
03/10/2025 09:15	115	53.4802232	-2.8931041
03/10/2025 09:16	172	53.4802092	-2.8931079
03/10/2025 09:16	255	53.4802002	-2.8931024
03/10/2025 09:16	342	53.4801929	-2.8930933
03/10/2025 09:16	321	53.4801929	-2.8931104
03/10/2025 09:16	219	53.4801999	-2.8930943
03/10/2025 09:16	174	53.4801992	-2.8930999
03/10/2025 09:16	80	53.4801982	-2.8931064
03/10/2025 09:16	4	53.4801899	-2.8931289
03/10/2025 09:16	0	53.4801897	-2.8931544
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03/10/2025 09:16	0	53.4802061	-2.8931318
03/10/2025 09:16	0	53.4802069	-2.8931229
03/10/2025 09:16	0	53.4802067	-2.8931279
03/10/2025 09:16	0	53.4802086	-2.8931338
03/10/2025 09:16	0	53.4802092	-2.8931368
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03/10/2025 09:17	0	53.4802161	-2.8931298
03/10/2025 09:17	0	53.4802189	-2.8931111
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03/10/2025 09:17	0	53.4802189	-2.8930634
03/10/2025 09:17	0	53.4802204	-2.8930609
03/10/2025 09:17	0	53.4802241	-2.8930559
03/10/2025 09:17	0	53.4802291	-2.8930448
03/10/2025 09:17	0	53.4802297	-2.8930333
03/10/2025 09:17	0	53.4802356	-2.8930249
03/10/2025 09:17	0	53.4802354	-2.8930316
03/10/2025 09:17	0	53.4802366	-2.8930409
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03/10/2025 09:17	0	53.4802226	-2.8930661
03/10/2025 09:17	0	53.4802239	-2.8930706
03/10/2025 09:17	0	53.4802254	-2.8930679
03/10/2025 09:17	0	53.4802211	-2.8930429
03/10/2025 09:17	0	53.4802191	-2.8930376
03/10/2025 09:17	0	53.4802159	-2.8930369
03/10/2025 09:18	0	53.4802147	-2.8930351
03/10/2025 09:18	0	53.4802149	-2.8930258
03/10/2025 09:18	0	53.4802137	-2.8930246
03/10/2025 09:18	0	53.4802104	-2.8930228
03/10/2025 09:18	0	53.4802107	-2.8930294
03/10/2025 09:18	0	53.4802071	-2.8930251
03/10/2025 09:18	0	53.4802081	-2.8930356
03/10/2025 09:18	0	53.4802064	-2.8930381
03/10/2025 09:18	0	53.4802066	-2.8930329
03/10/2025 09:18	0	53.4802032	-2.8930141
03/10/2025 09:18	0	53.4801982	-2.8930118
03/10/2025 09:18	0	53.4801951	-2.8930013
03/10/2025 09:18	0	53.4801902	-2.8929853
03/10/2025 09:18	0	53.4801902	-2.8929904
03/10/2025 09:18	0	53.4801906	-2.8929871
03/10/2025 09:18	0	53.4801887	-2.8929746
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03/10/2025 09:18	0	53.4801851	-2.8929539
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03/10/2025 09:18	0	53.4801806	-2.8929251
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03/10/2025 09:19	12	53.4801812	-2.8928979
03/10/2025 09:19	8	53.4801776	-2.8928844
03/10/2025 09:19	5	53.4801746	-2.8928819
03/10/2025 09:19	4	53.4801719	-2.8928793
03/10/2025 09:19	0	53.4801716	-2.8928783
03/10/2025 09:19	0	53.4801782	-2.8928744
03/10/2025 09:19	2	53.4801766	-2.8928726
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03/10/2025 09:34	0	53.4803454	-2.8933244
03/10/2025 09:34	0	53.4803364	-2.8933228
03/10/2025 09:35	0	53.4803284	-2.8933224
03/10/2025 09:35	0	53.4803192	-2.8933311
03/10/2025 09:35	0	53.4803209	-2.8933164
03/10/2025 09:35	0	53.4803234	-2.8933083
03/10/2025 09:35	0	53.4803227	-2.8933181
03/10/2025 09:35	0	53.4803186	-2.8933594
03/10/2025 09:35	1	53.4803309	-2.8933946
03/10/2025 09:35	0	53.4803482	-2.8934344
03/10/2025 09:35	0	53.4803607	-2.8934704
03/10/2025 09:35	0	53.4803606	-2.8935049
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03/10/2025 09:35	38	53.4803722	-2.8935403
03/10/2025 09:35	95	53.4803816	-2.8935468
03/10/2025 09:35	160	53.4803837	-2.8935484
03/10/2025 09:35	154	53.4803876	-2.8935526
03/10/2025 09:35	154	53.4803932	-2.8935634
03/10/2025 09:35	149	53.4803976	-2.8935756
03/10/2025 09:35	144	53.4803981	-2.8935676
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03/10/2025 09:35	128	53.4804039	-2.8935651
03/10/2025 09:36	121	53.4803989	-2.8935623
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03/10/2025 09:36	76	53.4803884	-2.8936194
03/10/2025 09:36	72	53.4803927	-2.8935826
03/10/2025 09:36	45	53.4804072	-2.8935743
03/10/2025 09:36	0	53.4804151	-2.8935758
03/10/2025 09:36	0	53.4804227	-2.8935621
03/10/2025 09:36	13	53.4804164	-2.8935826
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03/10/2025 09:36	8	53.4804216	-2.8935918
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03/10/2025 09:36	0	53.4804877	-2.8936188
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03/10/2025 09:38	0	53.4803956	-2.8928801
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03/10/2025 09:38	0	53.4804326	-2.8928534
03/10/2025 09:39	0	53.4804226	-2.8928691
03/10/2025 09:39	0	53.4804261	-2.8928863
03/10/2025 09:39	0	53.4804299	-2.8928901
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03/10/2025 09:39	0	53.4804336	-2.8928889
03/10/2025 09:39	0	53.4804381	-2.8928863
03/10/2025 09:39	0	53.4804276	-2.8928641
03/10/2025 09:39	0	53.4804324	-2.8928491
03/10/2025 09:39	0	53.4804366	-2.8928769
03/10/2025 09:39	0	53.4804369	-2.8929006
03/10/2025 09:39	0	53.4804311	-2.8928989
03/10/2025 09:39	0	53.4804466	-2.8928644
03/10/2025 09:39	0	53.4804509	-2.8928433
03/10/2025 09:39	0	53.4804399	-2.8928606
03/10/2025 09:39	0	53.4804291	-2.8928778
03/10/2025 09:39	0	53.4804127	-2.8929083
03/10/2025 09:39	0	53.4803934	-2.8929456
03/10/2025 09:39	0	53.4803854	-2.8929973

GGS DataPack® Plus
Former Kirkby College, Cherryfield Drive, Kirkby, Liverpool

Appendix F

Calibration Certificates & Instrument Specifications

For: E3P
Ref No.: GGS4065DPP01
Date: 21/10/2025

Experts in Continuous Monitoring

GA5000

CH_4 CO_2 O_2 CO H_2S

Geotech

PORTABLE GAS ANALYSER | LANDFILL & CONTAMINATED LAND

The Geotech GA5000 is a landfill and contaminated land portable gas analyser, with available gas measurements of CH_4, CO_2, O_2, H_2S and CO. It is easy to use and calibrate, benefiting from our market leading reliability and helping you to standardise monitoring routines, whilst supporting environmental legislation compliance.







FEATURES

- Certified: ATEX, IECEx, CSA, MCERTS and UKAS calibration (ISO17025)
- Measures % CH_4, CO_2, and O_2
- Measures barometric pressure and relative pressure
- Peak and previous readings shown
- Choice of user settings and simple gas reading function
- Simultaneous display of all gases
- 3 year warranty
- CH_4 and CO_2 accuracy ± 0.5% after calibration
- Modular and upgradeable
- Memory: 2,000 IDs* and 4,000 readings (* with GAM software)
- Data logging and profiling function
- Up to 6 gases monitored

BENEFITS

- Easy to use and calibrate
- Supports environmental legislation compliance
- Market leading reliability
- Standardises monitoring routines
- Easy transfer of data

SECTOR

Landfill

APPLICATIONS

- Landfill gas monitoring
- Waste to energy
- Site investigation



OPTIONS (AVAILABLE AT PURCHASE OR LATER)

- Choice of additional gases including H_2S to 10,000ppm, and H_2 compensated CO
- Borehole gas flow (l / h)
- Flow logging for improved borehole analysis
- GPS / field navigator
- Gas Analyser Manager software for data download
- ATEX certified anemometer

© Product designs and specifications are subject to change without notice. User is responsible for determining suitability of product.

Geotech
Sovereign House, Queensway, Leamington Spa, Warwickshire, CV31 3JR
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GA5000

TECHNICAL SPECIFICATIONS

POWER SUPPLY				
Battery type	Rechargeable nickel metal hydride battery pack (not user replaceable)			
Battery life	Typical use 8 hours from fully charged			
Battery charger	Separate intelligent battery charger powered from mains supply (100-240V)			
Charge time	Approximately 4 hours from complete discharge			
GAS RANGES				
Gases measured	CO_2 and CH_4	By dual wavelength infrared sensor with reference channel		
	O_2	By internal electrochemical sensor		
	CO (H_2 compensated), H_2S, NH_3 and H_2 (optional)	By internal electrochemical sensor		
	A full range of internal gas cells can be specified at the time of manufacture			
Standard gas cells	Cell	Range	Typical accuracy (range : accuracy)	Typical accuracy (range : accuracy)
	CH_4	0-100%	0-70% : ±0.5% (vol)	70-100% : ±1.5% (vol)
	CO_2	0-100%	0-60% : ±0.5% (vol)	60-100% : ±1.5% (vol)
	O_2	0-25%	0-25% : ±1.0% (vol)	
Optional gas cells	Cell	Range	Typical accuracy	
	CO	0-500ppm	±2.0% FS	
	CO	0-1,000ppm	±2.0% FS	
	CO	0-2,000ppm	±2.0% FS	
	CO (H_2) +	0-2,000ppm	±1.0% FS	
	H_2S	0-50ppm	±1.5% FS	
	H_2S	0-200ppm	±2.0% FS	
	H_2S	0-500ppm	±2.0% FS	
	H_2S	0-1,000ppm	±2.0% FS	
	H_2S	0-5,000ppm	±2.0% FS	
	H_2S	0-10,000ppm	±5.0% FS	
	NH_3	0-1,000ppm	±10.0% FS	
	H_2	0-1,000ppm	±2.5% FS	
Typical accuracies	All typical accuracies quoted are after calibration			
*Hydrogen compensated carbon monoxide measurement	Hydrogen cross gas effect on carbon monoxide approximately 1%. Do not use where hyrdogen is in excess of 10,000ppm			
Response time, T90	CH_4	≤10 seconds		
	CO_2	≤10 seconds		
	O_2	≤20 seconds		
	CO	≤30 seconds		
	H_2S	≤30 seconds		
	NH_3	≤90 seconds		
	H_2	≤90 seconds		
PUMP				
Flow	550 ml / min typically			
Flow fail point	-200 mbar vacuum- user settable			
Maximum vacuum restart	-375 mbar approximately with flow rate of approx 80ml / min			

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GA5000

TECHNICAL SPECIFICATIONS CONTINUED

FACILITIES	
Temperature measurement	-10°C to +75°C with optional probe
Temperature accuracy	±0.5°C with optional probe
Flow from borehole	0-20 l / hr internal measurement
Flow from borehole accuracy	±0.3 l / hr
Alarm	User selectable alarm levels
Communications	Via USB lead or wireless Bluetooth*
Relative pressure measurement	±500 mbar
Relative pressure accuracy	±4 mbar typically (should be zeroed before reading) to ±15 mbar max
Barometric pressure measurement	500 to 1500 mbar, ±5 mbar accuracy
GPS sensor	Location and positioning
Available memory	2,000 IDs *, 4000 readings, 2,000 events *
ENVIRONMENTAL CONDITIONS	
Operating temperature range	-10°C to +50°C
Atmospheric pressure range	700 to 1200 mbar
Relative humidity	0-95% non condensing
Case seal	IP65
PHYSICAL	
Weight	1.6kg
Size	L 220mm, W 155mm, D 60mm
Case material	ABS / polypropylene with rubber over-moulding
Keys	Alpha-numeric keypad with “tactile” membrane
Display	Ultra-clear high resolution 4.3” full colour TFT
Connections	Colour coded gas inlet, outlet and pressure ports. Waterproof USB port, anemometer and charger / temperature probe connections.
Gas sample filters	External user changeable 2.0µm ptfe water traps
CERTIFICATION RATING	
ATEX	II 2G Ex ib IIA T1 Gb (Ta =-10°C to +50°C)
MCERTS	MC130238
ISO17025	Calibration to UKAS certificate number 4533
CSA	Ex ib IIA T1 (Ta=-10°C to +50°C) (Canada), AEx ib IIA T1 (Ta=-10°C to +50°C) (USA)
* Gas Analyser Manager software required.	
Important note: The information in this document is correct at the time of generation. We do, however, reserve the right to change the specification without prior notice as a result of continuing development.	

MCERTS MC130239 UKAS CALIBRATION 4533 C SA US M.C. #243446 IEC Ex SIR 002

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Geotech
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CERTIFICATION OF CALIBRATION

PJLA Calibration
No. 66916

Date Of Calibration: 21-Jan-2025

Certificate Number: G503519_9/37611

Issued by: QED Environmental Systems Inc.

Customer: **GROUND GAS SOLUTIONS**
UNIT 10 PYTHIA HOUSE HIBBERT STREET BAMFORD BUSS PARK STOCKPORT, GREATER MA SK4 1PL GB

Description:

Model: GA5000

Serial Number: G503519

Accredited Results:

Methane (CH4)		
Certified Gas (%)	**Instrument Reading (%)**	**Uncertainty (%)**
5.0	4.8	0.42
15.0	14.8	0.66
60.0	59.7	1.03

Carbon Dioxide (CO2)		
Certified Gas (%)	**Instrument Reading (%)**	**Uncertainty (%)**
5.0	4.8	0.43
15.0	14.7	0.71
39.9	39.9	1.19

Oxygen (O2)		
Certified Gas (%)	**Instrument Reading (%)**	**Uncertainty (%)**
21.6	21.7	0.25

Gas cylinders are traceable and details can be provided if requested.

CH4, CO2 readings recorded at: 30.8 °C/87.4 °F

O2 readings recorded at: 21.7 °C/71.0 °F

Barometric Pressure: 0997 mbar/29.43 "Hg

Method of Test : The analyzer is calibrated in a temperature controlled chamber using a series of reference gases, in compliance with procedure ISP17.

Instrument has passed calibration as the measurement result is within the specification limit. The specification limit takes into account the measurement uncertainty.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with NIST requirements.

The calibration results published in this certificate were obtained using equipment capable of producing results that are traceable through NIST to the International System of Units (SI). Certification only applies to results shown. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

www.qedenv.com (800) 624-2026 info@qedenv.com

QED Environmental Systems Inc. 2355 Bishop Circle West, Dexter, MI 48130

CERTIFICATION OF CALIBRATION

PJLA Calibration
No. 66916

Date Of Calibration: 21-Jan-2025

Certificate Number: G503519_9/37611

Issued by: QED Environmental Systems Inc.

Customer: **GROUND GAS SOLUTIONS**
UNIT 10 PYTHIA HOUSE HIBBERT STREET BAMFORD BUSS PARK STOCKPORT, GREATER MA SK4 1PL GB

Description:

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5.0	4.8	0.42
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60.0	59.7	1.03

Carbon Dioxide (CO2)		
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5.0	4.8	0.43
15.0	14.7	0.71
39.9	39.9	1.19

Oxygen (O2)		
Certified Gas (%)	**Instrument Reading (%)**	**Uncertainty (%)**
21.6	21.7	0.25

Gas cylinders are traceable and details can be provided if requested.

CH4, CO2 readings recorded at: 30.8 °C/87.4 °F

O2 readings recorded at: 21.7 °C/71.0 °F

Barometric Pressure: 0997 mbar/29.43 "Hg

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CERTIFICATION OF CALIBRATION

PJLA Calibration
No. 66916

Date Of Calibration: 21-Jan-2025

Certificate Number: G503519_9/37611

Issued by: QED Environmental Systems Inc.

Non Accredited results:

Pressure Transducers (inches of water column)					
Transducer	**Certified (Low)**	**Reading (Low)**	**Certified (High)**	**Reading (High)**	**Accuracy**
Relative	0"	0"	40"	40.52"	2.0"

Barometer (mbar)	
Reference	**Instrument Reading**
0997 mbar / 29.43 "Hg	0997 mbar / 29.44 "Hg

Additional Gas Cells		
Gas	**Certified Gas (ppm)**	**Instrument Reading (ppm)**
H_2	997	998
CO/H_2 COMP	500	499
H_2S	239	239

Internal Flow	
Applied	**Measured**
25.2	25.2
10	10.2
5	5.2

As received gas check readings:

Methane (CH4)	
Certified Gas (%)	**Instrument Reading (%)**
5.0	4.9
15.0	15.0
60.0	59.9

Carbon Dioxide (CO2)	
Certified Gas (%)	**Instrument Reading (%)**
5.0	5.2
15.0	15.3
39.9	40.2

Oxygen (O2)	
Certified Gas (%)	**Instrument Reading (%)**
20.3	20.0

The calibration results published in this certificate were obtained using equipment capable of producing results that are traceable through NIST to the International System of Units (SI). Certification only applies to results shown. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

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CERTIFICATION OF CALIBRATION

PJLA Calibration
No. 66916

Date Of Calibration: 21-Jan-2025

Certificate Number: G503519_9/37611

Issued by: QED Environmental Systems Inc.

As received Gas readings recorded at: 30.8 °C/87.4 °F
As received Barometric Pressure recorded at: 21.7 °C/71.0 °F

As received gas check readings are only recorded if the instrument is received in a working condition. Where the instrument is received damaged no reading can be taken.

Date of Issue : 22 Jan 2025

Approved By Signatory

Sarah Schafer
Laboratory Inspection

The calibration results published in this certificate were obtained using equipment capable of producing results that are traceable through NIST to the International System of Units (SI). Certification only applies to results shown. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

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QED Environmental Systems Inc. 2355 Bishop Circle West, Dexter, MI 48130





IRwin®
Methane Leak Detector

Innovation makes the difference

INFICON

The IRwin intelligence

In order to avoid misleading measurements or false alarms, IRwin features an infrared sensor in combination with a special gas filter (patent pending). It even prevents interference from water vapor, ethanol or exhaust gases.



REFERENCE INLET

GAS CHROMATOGRAPH CURVE

DISPLAY FEATURES

- GPS and Bluetooth Interface
- Measurement Range
- Password Levels
- Operating Modes
- Color and Audio Alarm Indicators

GAS INLET

GAS OUTLET

CHARGING

OPERATING MODES	DETECTOR MODELS				
	IRwin S	IRwin SX	IRwin SXT	IRwin SXG	IRwin SXGT
Universal Mode (from 1ppm to 100Vol%)	■	■	■	■	■
Ex		■		■	
GC Analysis				■	■
Ex Tox			■		■

Innovative methane detector system for easy survey of gas pipelines

IRwin is a portable methane leak detector for fast and easy survey of gas pipelines. This multi-function instrument efficiently operates on different surfaces and situations during survey, is highly sensitive, responds quickly and has a short recovery time. It is certified intrinsically safe, with TÜV® certified capability for LEL, oxygen and toxic gas measurements. The IRwin SX-models are rated explosion-proof for Zone 0 applications, holding several national and international certificates.

FAST GAS ANALYSIS EVEN AT LOW ETHANE CONCENTRATIONS

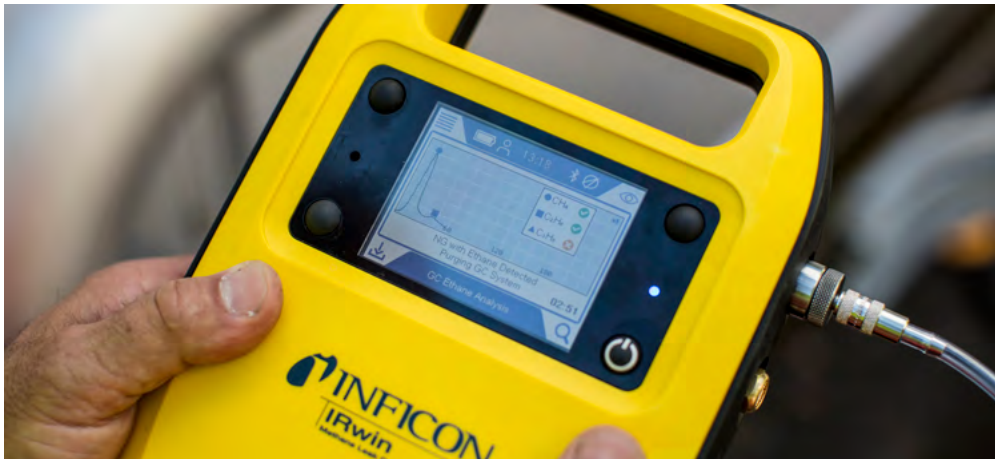
The specially developed gas chromatograph (GC) and sensor combination allows near real-time distinction between swamp gas and natural gas. This helps operators to rapidly determine if the detected gas comes from a leaking pipe, from other natural gas sources or from swamp gas. The GC inside IRwin delivers fast test results, even at low ethane (from 0.5%) concentrations.



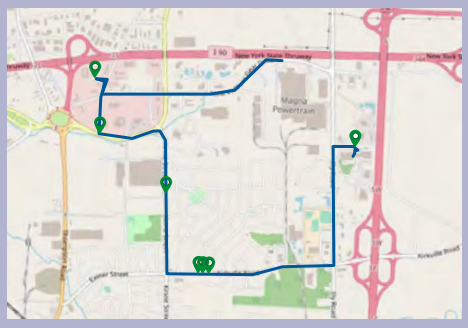
Designed for optimized ergonomics and good weight distribution.

LIGHTWEIGHT SYSTEM FOR COMFORTABLE USE ON LONG DAYS

IRwin is light (1.6 kg, 3.5 lb) and portable for optimum comfort. The instrument and its accessories have been developed for mobile use in demanding conditions. In particular, its modular probe system reduces the number of items the operator needs to carry during pipeline survey. Thanks to quick install fittings, the user can easily apply the correct probe for the specific working situation.



Efficient gas determination in the field.



Route walked by the operator can be visualized on GIS.

SURVEY TRACKING WITH INTEGRATED GPS

Documenting survey work minimizes risks for operator mistakes. Thanks to the integrated GPS, the route walked by the operator will be visualized on geographic information systems (GIS) for easy survey tracking. GPS data and survey measurements are transferred from the instrument to a computer wireless via Bluetooth® technology.

ADVANTAGES AT A GLANCE

- No false alarms
- Improved efficiency with high sensitivity, fast reaction and short recovery time
- Accurate gas analysis enabled through improved IR-technology
- Fast ethane and propane analysis
- Easy distinction between natural gas and swamp gas
- Automatic documentation of survey results



DURABLE DESIGN FOR USE IN TOUGH ENVIRONMENTS

- Clear and easy-to-read display in bright light
- Lightweight device (1.6 kg, 3.5 lb) for maximum ergonomics
- Robust and weatherproof (IP54) housing
- Explosion-proof models for use in hazardous environments
- GPS and Bluetooth log and transfer results



MODULAR SYSTEM MAKES IT EASY TO ADAPT TO DIFFERENT SURFACES AND SITUATIONS

- Light and easy to move around for comfortable use on long days
- Versatile accessories to suit all needs
- Robust install fittings with click mechasnism for quick change to the appropriate probe
- All needed items are easily carried – no need for extra trips to your vehicle
- Filter change done in the field with a minimum of tools





MODULAR SYSTEM FOR QUICK PROBE CHANGE





BELL

Draw gas samples through asphalt and pinpoint the leak position.



SWAN NECK

Search uneven surfaces for gas leaks.



FLEXI BELL

For simple survey, adapts to pipe geometry.



FLEXIBLE EXTENSION

Search in hard-to-reach areas with hand probe flexible extension.



BAR HOLE PROBE

Perform bar hole tests, when needed, with the lightweight bar hole probe and the automatic bar hole function.



MONO-WHEELER CARPET PROBE

Walk on a curb following exactly the crack between stone and asphalt.

SPECIFICATIONS

Ex classification	Ⓔx II 1G, Ex ia IIC T3 Ga (Zone 0)
Intrinsically Safe	Class I, Division 1, Groups A, B, C and D
Detectable gases	See "Ordering information" below
Measurement range	1 ppm to 100% CH_4
Charging time	100% in 4 h (3 h in fast charge mode)
Operating time	> 8 h
Power supply	Li-ion battery
IP protection	IP54
Operating temperature	SXT and SXGT models: -15 to +40°C (5 to 104°F) Other models: -20 to +50°C (-4 to 122°F)
Storage temperature	-25 to +70°C (-13 to 158°F)
Air humidity	max. 95% RH, non-condensing
Dimensions (W x H x D):	197 x 256 x 62 mm (7.7 x 10 x 2.4 in.)
Weight	1.6 kg (3.5 lb.)

COMPLETE ACCESSORIES

PRODUCT	Cat no.
Mono-wheeler Carpet Probe	580-210
Bell Probe	580-300

ACCESSORY PARTS

Carpet (without locking mechanism)	580-211
Bell	580-301
Flexi Bell	580-305
Hand Probe	580-100
Hand Probe Flexible Extension	580-110
Rod, 850 mm (33.4 in.) Short Rod, 600 mm (23.6 in.) Extension Rod, 150 mm (5.9 in.)	580-150 580-140 580-160
Bar Hole Probe, for 13–18 mm (0.5–0.7 in.) holes diameters	580-115
Swan Neck Probe	580-120
Extension Connector	580-220
Harness	580-405
Transport Case	580-450

For more accessory and spare parts visit www.inficon.com

ORDERING INFORMATION

PRODUCT	Cat. no.
IRwin S (methane, carbon dioxide and ethane)	580-000*
IRwin SX (methane, carbon dioxide, ethane, propane and butane)	580-010*
IRwin SXT (methane, carbon dioxide, ethane, propane, butane, oxygen, hydrogen sulfide and carbon monoxide)	580-015*
IRwin SXG (methane, carbon dioxide, ethane, propane and butane)	580-020*
IRwin SXGT (methane, carbon dioxide, ethane, propane, butane, oxygen, hydrogen sulfide and carbon monoxide)	580-030*
IRwin Accessories Kit	580-712**

* IRwin Methane Leak Detector with hand probe, 1.5 m (4.9 ft) hose, harness and charger.
** Kit including rod, rod extension, extension connector, carpet, bell, bar hole probe, filter kit and transport case.

INFICON Inspired by visions. Proven by success.

www.inficon.com reachus@inficon.com

Due to our continuing program of product improvements, specifications are subject to change without notice.
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Calibration Certificate - IRwin® (used for Universal setting)

Model: S ☐ SX ☐ SXT ☐ SXG ☒ SXGT ☐ **Serial No:** 92001503

Please observe the recommended calibration intervals stated in the manual.

Mode		Range:	Gases used*:		Applicable for:	Checked
Ex		1 % LEL – 100 % LEL	2.5 Vol%		SX, SXG SXT SXGT	☒
ExTox		1 % LEL – 100 % LEL CO_2: 0.1 Vol% - 5 Vol% O_2: 0.1 Vol% - 25 Vol% CO: 1 ppm – 500 ppm H_2S: 1 ppm – 400 ppm	**H_2S** **CO** **CO_2** **CH_4** **N_2**	**40 ppm** **40 ppm** **2.0 Vol%** **2.5 Vol%** **balance**	SXT SXGT	☒
Universal		Low range 1 ppm – 2.5 Vol% CH_4	☐ ppm ☐ ppm ☒ 2.5 Vol%		ALL	☒
		High range 2.5 - 100 Vol% CH_4	2.5 Vol% 100 Vol%		ALL	☒
		CO_2	20 Vol%		ALL	☒
GC Analysis		Capability test only	CH_4 C_2H_6 C_3H_8	1 Vol% 50 ppm 1000 ppm	SXG SXGT	☒

** Balance is synthetic air if nothing else stated*

This equipment complies with the following certificates:			Applicable for:	Complies
Functional Safety TÜVRheinland CERTIFIED www.tuv.com ID 0600000000	**TÜV Rheinland: 968/FSP 1342.00/16**	SW integrity	SX / SXG SXT / SXGT	☒
Type Approved Regular Production Surveillance TÜVRheinland CERTIFIED www.tuv.com ID 0000054222	**TÜV Rheinland: S 498 2016 C2**	Toxic gases, oxygen LEL	SXT / SXGT	☒
		Flammable gases (%LEL)	SX / SXG	☒
TÜVRheinland® Precisely Right.	**TÜV Rheinland:TÜV 16 ATEX 7822 x**	Additional ATEX requirements	SXT / SXGT	☒

For explosion protection see separate certificate

The above equipment is hereby declared to be in compliance with the quoted certificates and all INFICON production procedures:

Date of Certification: 28/01/2025 **Calibration performed by:** Luke Southern

Signature: LTSouthern

GFM 226

Hidden Person Stowaway Detector

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Seven Stars Estate
Coventry, CV3 4LJ
United Kingdom

Our Mission

For nearly 30 years Gas Data have been designing and developing fully engineered gas analysis techniques. Our expertise is focused around generation of sustainable green energies, such as biogas. Every day, we help businesses all over the world to deliver clean energy through our safe, reliable and scientific data analysis. We believe that the environment is our responsibility, which is why we are dedicated to empowering environmental evolution.

GFM Series Features

- Small portable design that is easy to hold in one hand
- High contrast LCD display
- User swapable battery pack
- Battery life ranging from 8 - 12 hours, depending on model
- Maximum charging time of 4 hours
- Charger suited to your country
- Protective weather proof leather case
- Supplied in a ready-to-go site kit
- Annual recalibration interval





Servicing

To ensure they are always reliable and operating at the best efficiency level, we strongly recommend our clients to perform an annual service and recalibration by either, Gas Data or any Gas Data approved service centre. Gas Data annual services for the GFM series instruments come at a fixed price and include a 12 month warranty, so that our clients can be certain of their annual maintenance costs and enjoy the peace of mind. This cost includes a full service, calibration and repair of your instrument at no additonal cost throughout the life cycle of the product (the only exclusions are damages caused by negligence and mishandling of the instruments). Temporary courtesy hire instruments are available.

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GFM 226

+44 (0)24 7630 3311 office@gasdata.co.uk www.gasdata.co.uk

GFM 226 Technical Specification

General	
Ambient Temperature Range	-10°c to 40°c
Protection rating	IP65
Aspiration Rating	300ml/min minimum
Dimensions	200mm x 100mm x 60mm (approx.)
Typical Response Time	30 seconds

Gas Measurements

Channel	Sensor Type	Range	Resolution	Typical Accuracy
Carbon Dioxide	IR	0 - 10,000ppm	1ppm	± 100ppm
Oxygen	ECH	0 - 25%	0.1%	± 0.2%

GFM 226 Specific Features

- Ambient CO_2 level compensation
- Optional O_2 sensor
- Available Sensor accessories:
  - Straight needle probe
  - Under door probe
  - 1m lance probe

As well as carrying out visual searches of freight and vehicles, our officers use carbon dioxide probes, heartbeat detectors and sniffer dogs to detect the presence of people hiding in lorries.

Brian Hill - **UK Border Agency assistant director at Harwich**
Reported by BBC News

Customising gas and pressure combinations are not available on this model. The GFM 226 is a fixed configuration. All GFMs are available to hire or purchase. Please contact our team for details.

Other products available


Maintenance


Fixed System



Gas Flow Monitoring


ATEX Rated Systems

TEST DATE AND CONDITIONS	
Date	11/10/24
Atmospheric pressure	1001 mb
Ambient Temp	17.8 °C
Environics Serial No.	N/A

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GFM226-1 OUTWARD INSPECTION & QUALITY CHECK SHEET

INSTRUMENT DETAILS					
SO Number	Instrument Type	Instrument Serial Number	Job Number(s)		
339696	GFM 226	13793	29830	—	—

Calibration Technician ..... JSD ..... **DATE** 10-10-24

Inspection Technician ..... SBaile ..... **DATE** 11/10/24

INSTRUMENT CHECKS		Pass (P), Fail (F) or not applicable (NA)
Function Tests	Keyboard Test	P
	Backlight Test	P
	Clock Set / Running	P
	Comms Test	P
	Pump Flow Test	P
	Pump Flow Fail Test	P
	Battery Charge Test	P
	Service Date Set To?	10/10/25
Channel Test	Verify CO2 (See Stability Test)	P
DataBase Checks	Jobcard(s) completed and signed	P
	Jobcard(s) booked off database	P
	Calibration certificate completed	P
	Complete & print QI record	N/A
Label Checks	No. of Calibration label fitted	12805
	Warranty label fitted	P

INSTRUMENT PACKING LIST		Tick if included
Instrument		✓
Leather Case		✓
Instrument Strap		✓
AC Battery Charger (UK)		✓
AC Battery Charger (EURO)		X
AC Battery Charger (US)		X
AC Battery Charger (AUS)		X
Gas Sample Pipe		✓
Gas Sample Lance		X
Carry Case		X
Spares Pot		X
Allen Key		X
USB Memory stick		X
Internal Filter Pack	Qty 1	✓
External Filter Pack	Qty 2	✓
Field Guide		X
Operation Manual (hard copy)		X

Extra Items: SERVICE SPARES.
SMALL PELI-CASE.
OLD CHARGER.
OLD SAMPLE PIPES.

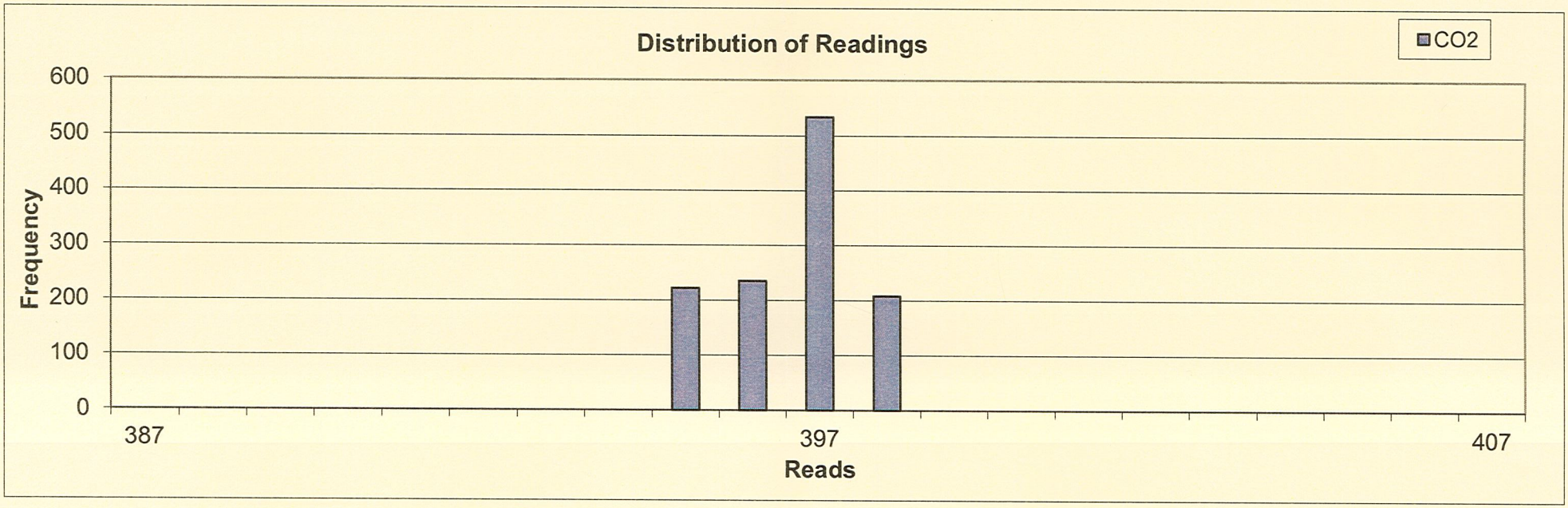
Comments:

Stability Test for GFM22x serial number: 13793 has passed

Import | Save | Print

Stability Test:	10 minutes (1200 tabs) of 400ppm CO2 flowing through the instrument.	
Date:	October 10, 2024	
Instrument:	13793	CO2 Reads
Max Reads:		398
Average Reads:		397
Min Reads:		395

Frequency Distribution Results		
Within 1ppm	Within 5ppm	Within 10ppm
81.4%	100.0%	100.0%



TEST DATE AND CONDITIONS	
Date	10/10/24
Atmospheric pressure	994mb
Ambient Temp	20.5°C
Environics Serial No.	2633

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GFM226-1 FINAL INSPECTION & CALIBRATION CHECK CERTIFICATE

INSTRUMENT DETAILS	
Serial No	Customer
13793	Ground Gas Solutions Ltd

INSTRUMENT CHECKS			
Keyboard	✓	Pump Flow	500cc/min
Display / Backlight	✓		
Clock Set / Running	✓	S/W Version	G226-00.0029/0002
Labels Fitted	✓	Recalibration Date	10/10/25

GAS CHECKS							
Calibration Gas		Instrument Gas Channels Read					
Gas Type	Applied Conc.	CO2 (ppm)	tol. (ppm)				
N2	100%	0	+10				
CO2	400ppm	398	+/-40				
	1500ppm	1485	+/-100				
	10000ppm	10179	+/-500				

Notes:

The instrument identified by the serial number stated above has been tested by Gas Data personnel for calibration accuracy on the date and under the ambient conditions stated. Gas Data Ltd internal BS EN ISO9001:2015, BS EN ISO 14001:2015 and BS EN ISO 45001:2018 compliant workshop procedures were followed to apply known calibration test gases, gas flow rates, pressures and temperatures of the values stated. The results displayed on the instrument at each stage are recorded above.

Gas Data Ltd is certified to: BS EN ISO 9001:2015
BS EN ISO 14001:2015
BS EN ISO 45001:2018

ecotec

TDL-500

TUNABLE DIODE LASER
METHANE DETECTOR



- Newest Technology for Surface Emissions Monitoring
- No Need for Hydrogen Gas Supply
- Available with GPS Data Collection

TDL-500

TUNABLE DIODE LASER METHANE DETECTOR

Features

- PPM or % by volume
- Automatic self test at start up
- Visual and audible alarm indicators
- Choice of measurement modes
- Methane specific analyzer
- 8 hours constant use at 68°F
- Supplied with carrying case, sampling probe and filters

Key Benefits

- Low maintenance
- High resolution – 1ppm
- ATEX certifed – safe use in explosive atmosphere
- Multiple measurement modes – simultaneous display
- Fast response times
- No need for hydrogen gas supply – as required by FID devices

Applications

- Fugitive Emissions
- Natural gas networks
- Methane leak detection



Technical Specification

Gas Ranges

Response Time, T^{90}	CH_4	4.5 Seconds T10 standards: 2 seconds With suction rod T90: 6 seconds With suction rod T10: < 3.5 seconds
Gases Measured	CH_4 by laser spectroscopy	
Range	CH_4 0-10,000 ppm and 0 to 100% gas volume	
Typical Accuracy	CH_4 0-1,000 ppm ± 2.5% CH_4 1,001 ppm-10,000 ppm ± 10%	

Facilities

Alarms	Visual (LED and LCD displays) and audio warnings Alarms include: Methane CH4 concentration threshold Explosion risk due to methane CH4 concentration Pump stopped or pump error
Status Indicators	Include: Battery charge level and Pump status (speed 1 or 2)
Gas Connection	Quick connect inlet coupling with locking mechanism: Gas Inlet
Keypad	5 Direct control keys Advanced function control with protected access scrolling menu

Power Supply

Battery Type	Either with rechargeable battery pack: 3 x 1.2 V - 4 A/h NiCd in accordance with ATEX directive OR with Alkaline type D batteries: 3 x 1.5 V alkaline cells in accordance with ATEX directive
Charge Time	Typical use: -8 hours at 68°F with all functions on (pump on speed 2) -6 hours at temperatures below 32°F with all functions on (pump speed 2) -6 hours at temperatures above 95°F with all functions on (pump speed 2)
Battery Charger	100 to 240 VAC/50-60 Hz battery charger for ATEX battery pack
Charge Time	Approximately 10-12 hours from full discharge

Important Note: The information in this document is correct at the time of generation. We do, however, reserve the right to change the specification without prior notice as a result of continuing development.

Pump

Output	55 l/h and 65 l/h - 2 speed pump with status indicator on display

Environmental Conditions

Operating Temperature Range	5°F – 122°F (-10°C - 50°C)
Relative Humidity	0-95% non condensing
Case Seal	IP54
Barometric Pressure Accuracy	Atmospheric pressure 29.9 in Hg (± 3 in Hg)

Physical

Weight	6 lbs
Size	10.3 x 4.4 x 5.5 inches
Case Material	Polyamide reinforced with fibreglass and carbon. Front panel: anodised aluminium
Display	Liquid crystal display with digits, icons and backlighting 3 areas:Concentration measurements (0-10,000ppm and 0.0% to 100% gas volume)Status indicator and dialogue windowHeight of measurement character for ppm scale: 13mm Height of measurement character for gas scale: 13mm Storage

Certification Rating

ATEX	II 2G Ex ib IIA T1 Gb (Ta= -10°C to +50°C)
CE	CE Marking 94/9/CE directive dated March 23rd 1994 89/336/CE CEM directive dated May 23rd 1989 electromagnetic compatibility

ecotec

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an ecotec company

CERTIFICATE OF CALIBRATION

Issued By: Ecotec Solutions, Inc.

Calibration Date: August 14, 2024

Recommended Calibration: August 14, 2026

850 S Via Lata, Suite 115
Colton, CA 92324
909-906-1001

www.ecotecco.com

Certificate #: 202414083560717

Customer: ***Company Name GAS DATA LIMITED***

Description: Gas Analyzer ***Model:*** *TDL-500*
Serial Number: *3560717*

Calibration Results: The analyzer is considered to be in conformity with the specifications of reference.

Units	Gas	Certified Gas Concentration	Gas Traceability (Lot Number)	Instrument Reading	Tolerance
%	N_2	99.999	N70086009803	0.1 PPM	± 2.5%
PPM	CH_4	9.99 PPM	70086129308	9.7 PPM	± 2.5%
PPM	CH_4	500 PPM	70086030712	491.8PPM	± 2.5%
PPM	CH_4	2499 PPM	70086811308	2602 PPM	± 10%
PPM	CH_4	10000 PPM	109631206	10174.2 PPM	± 10%
PPM	CH_4	20000 PPM	109631303	20258.1 PPM	± 10%
PPM	CH_4	999700 PPM	MET-040918-UHP	1008990 PPM	± 10%

Calibration Technician: Ana Moreno

Signature: Ana Moreno **Date:** *August 14, 2024*

This certificate is issued in accordance with laboratory requirements of the National Institute of Standards and Technology. It provides traceability of measurement to recognized national standards, and to units of measurement realized a t the National Institute of Standards and Technology or other recognized national standards laboratories. Certification only applies to results shown. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.