Ground Gas Addendum Report

Site: Cherryfield Drive, Kirkby
Reference: 15-280-R3-1
Date: April 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

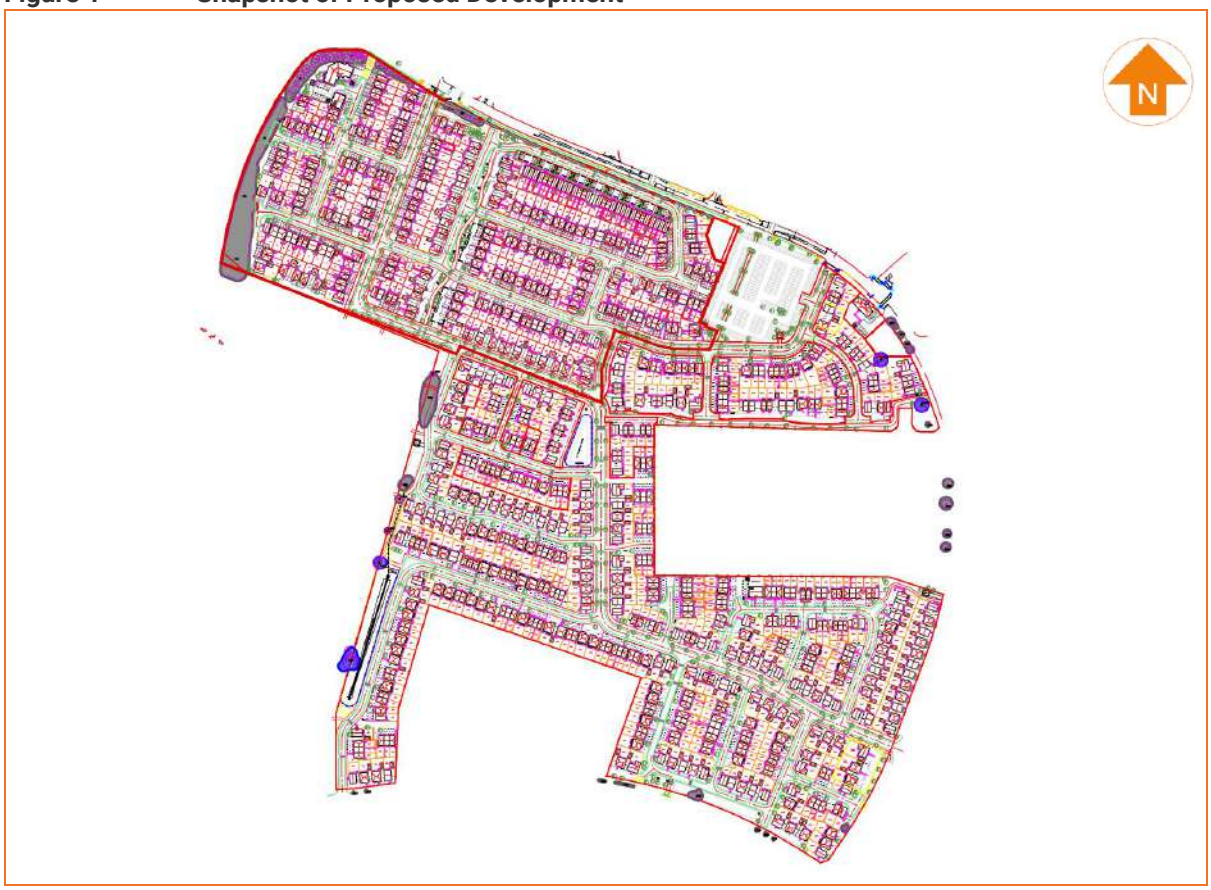
Copies of all previous site investigations are available on request, however, it should be noted that the client does not have reliance on the above reports and as such only a summary can be utilised.

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

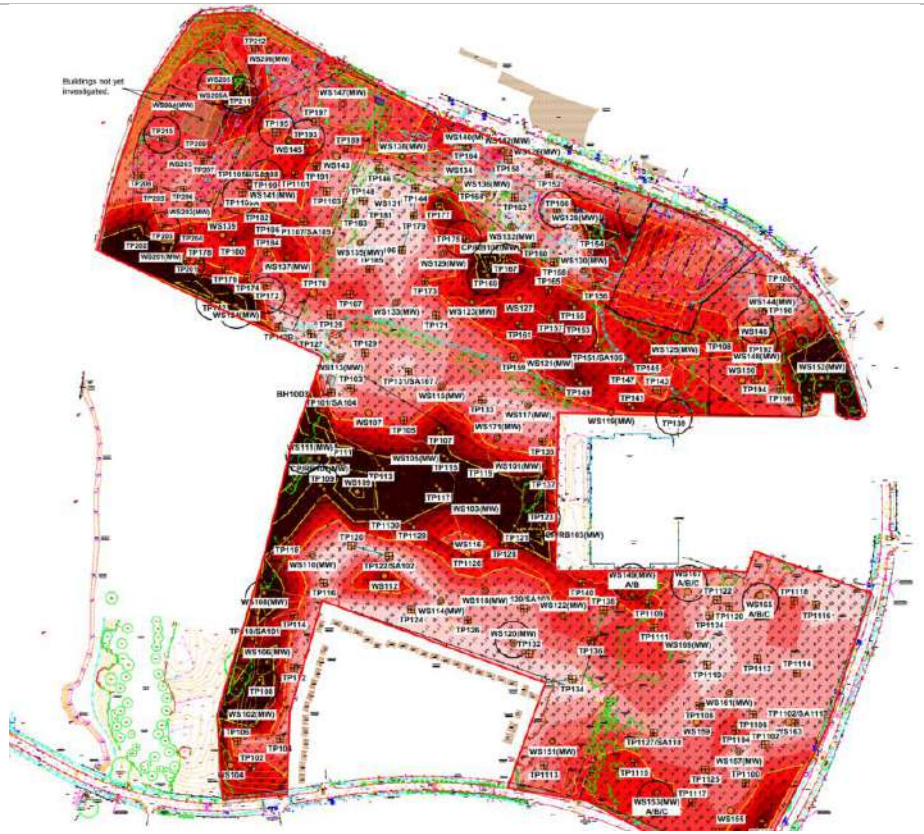
Hazardous ground gas qualitative risk assessment is based on a conceptual site model (CSM) similar to that used for soil and groundwater contamination sources (i.e., source pathway receptor pollutant linkages).

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.

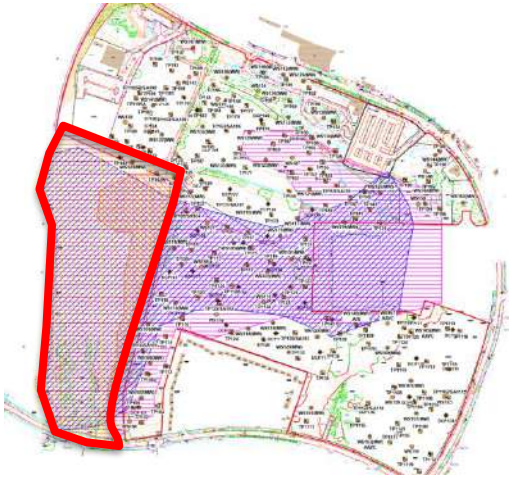
2.1. SOURCES OF GROUND GAS

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 Appendix 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

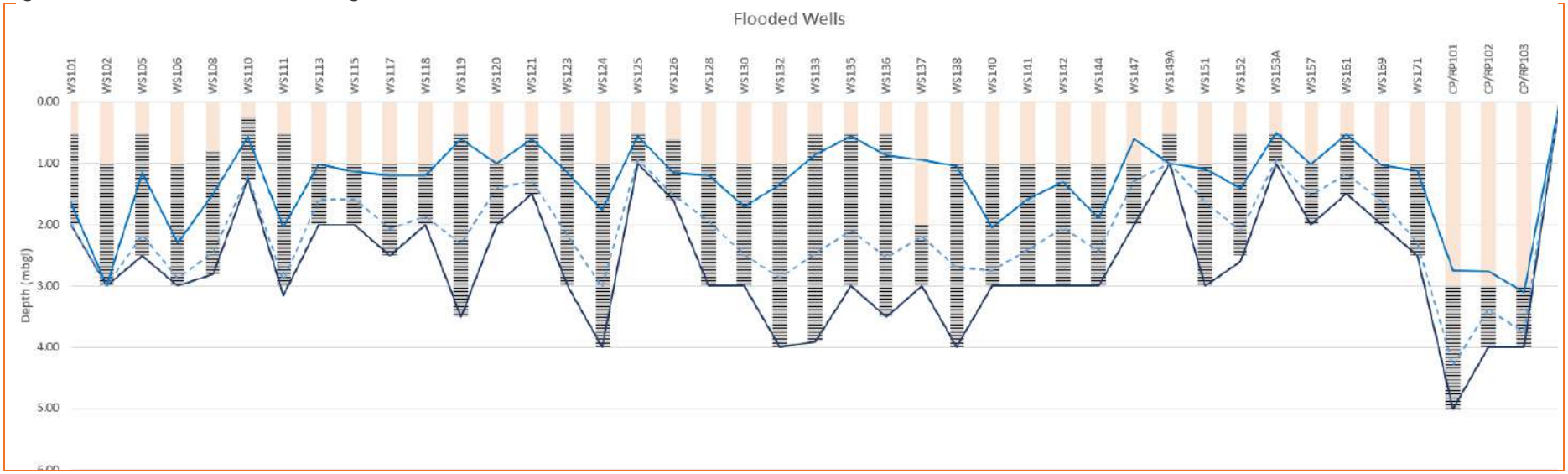
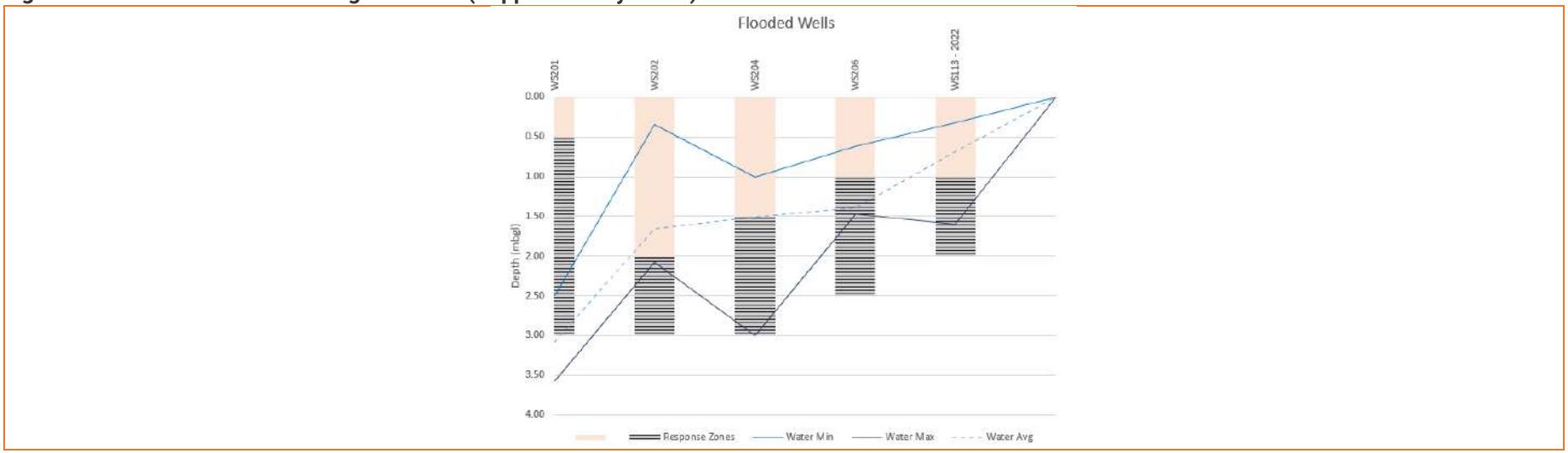


Figure 3 Flooded Monitoring Well Data (Supplementary Visits)



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

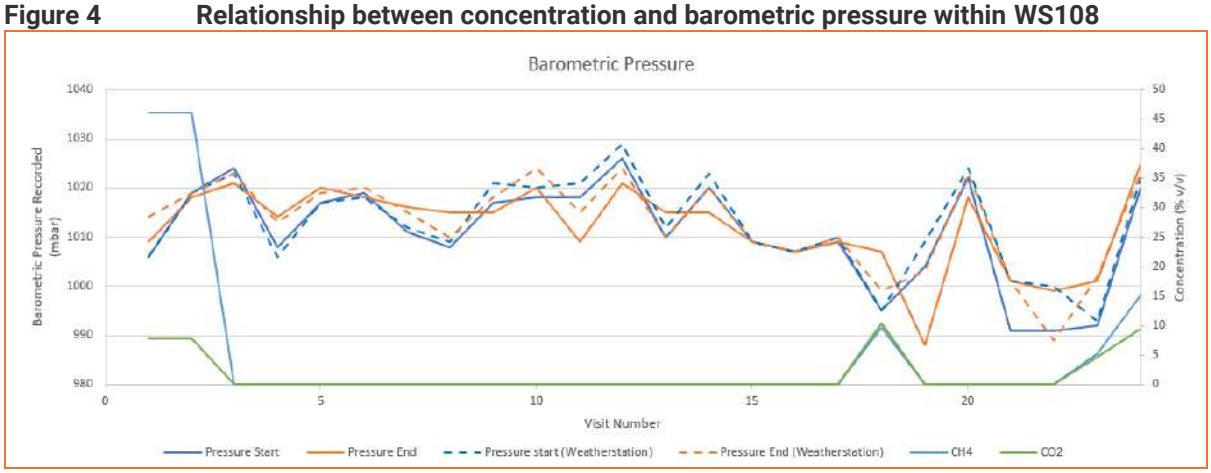
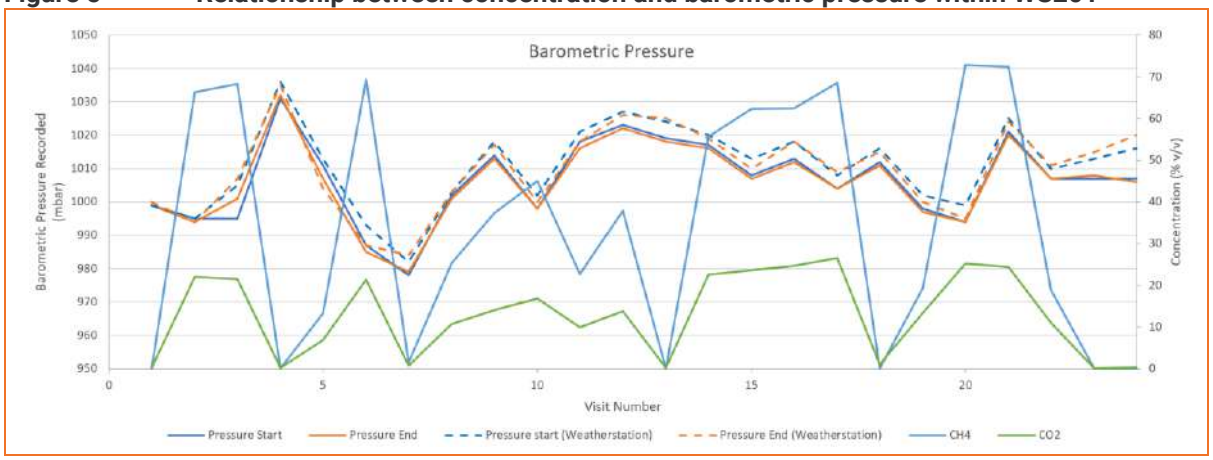


Figure 5 Relationship between concentration and barometric pressure within WS201



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

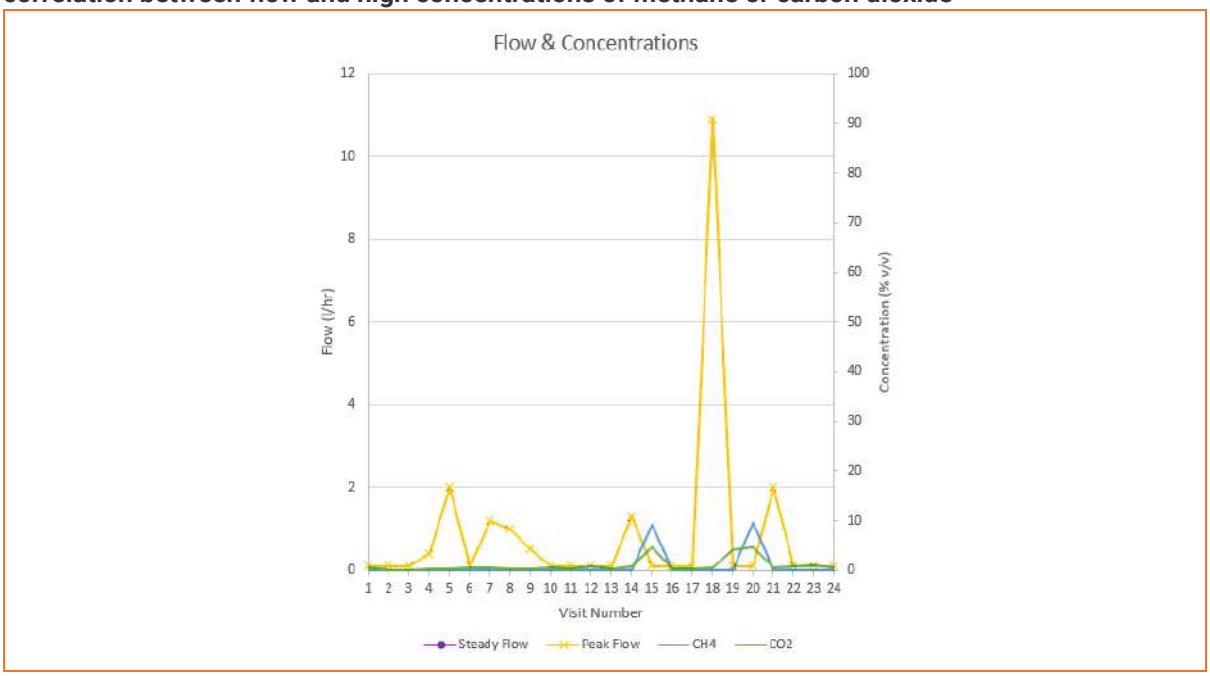


Figure 7 Relationship between Flow and Groundwater within WS202, indicating a likely correlation between the spike in groundwater and spike in peak flow

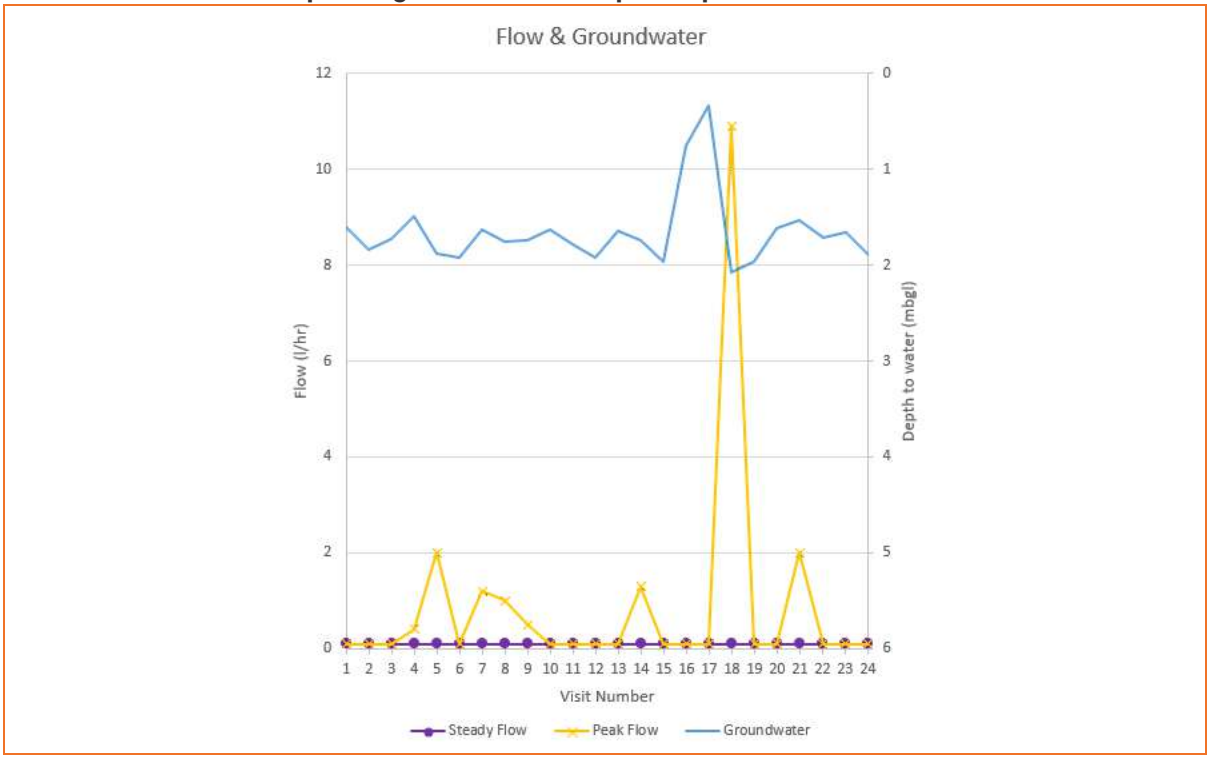


Figure 8 Relationship between Flow and Concentrations within WS201

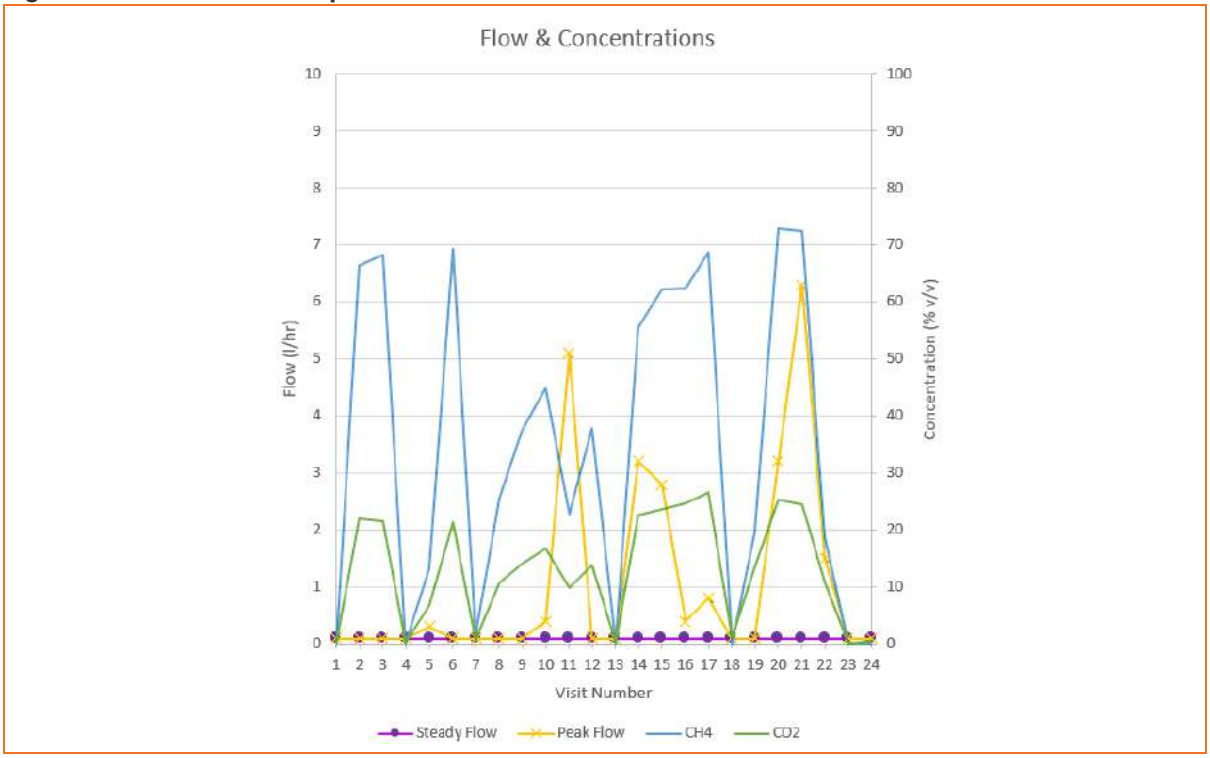
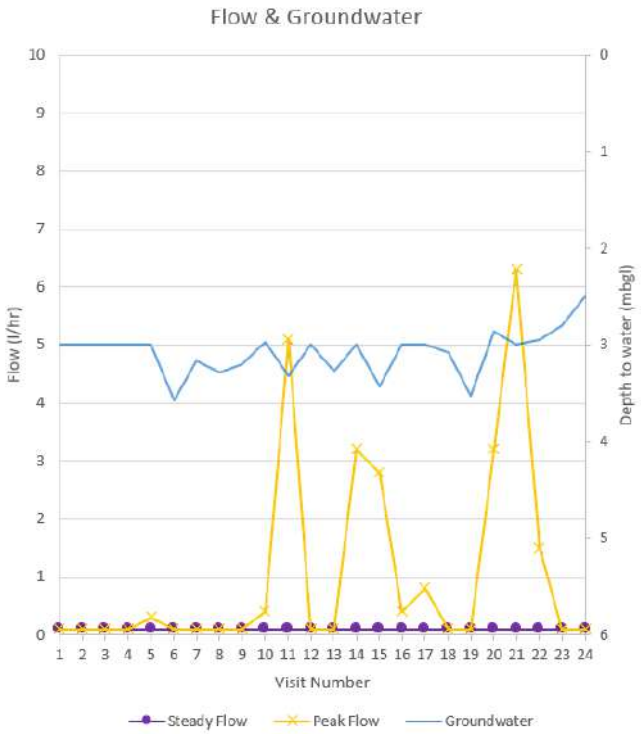


Figure 9 Relationship between Flow and Groundwater within WS201



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

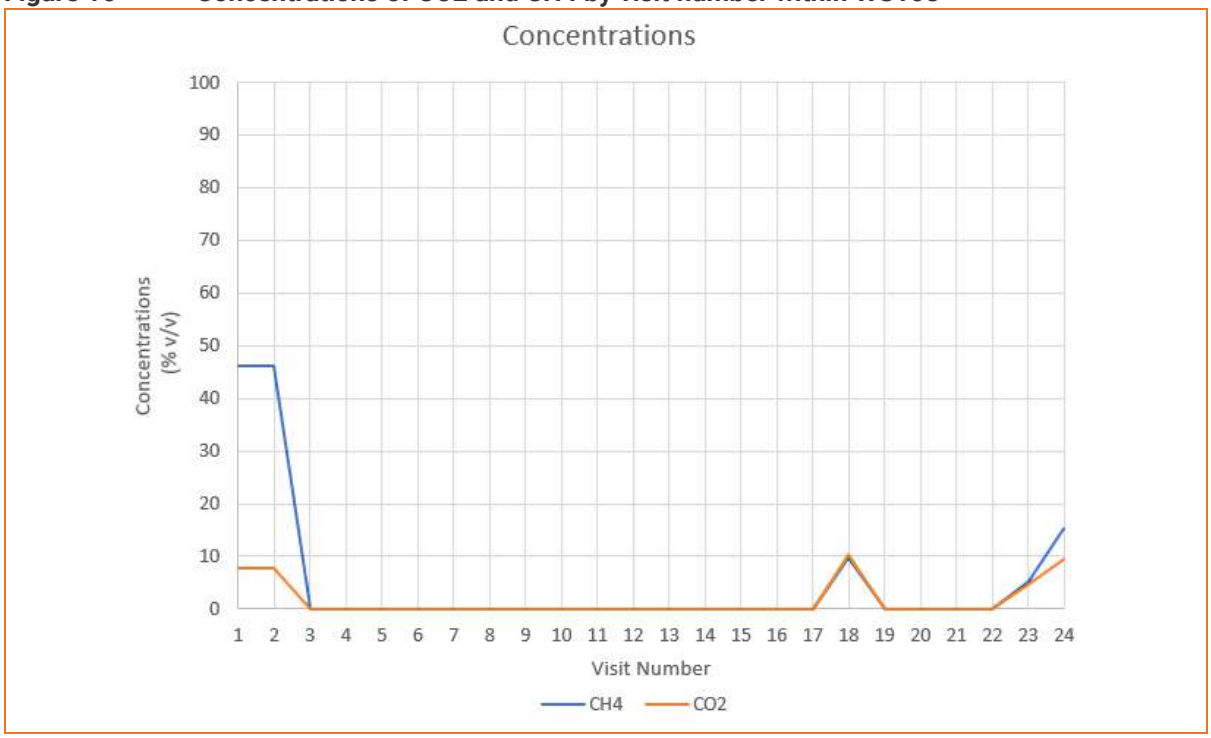
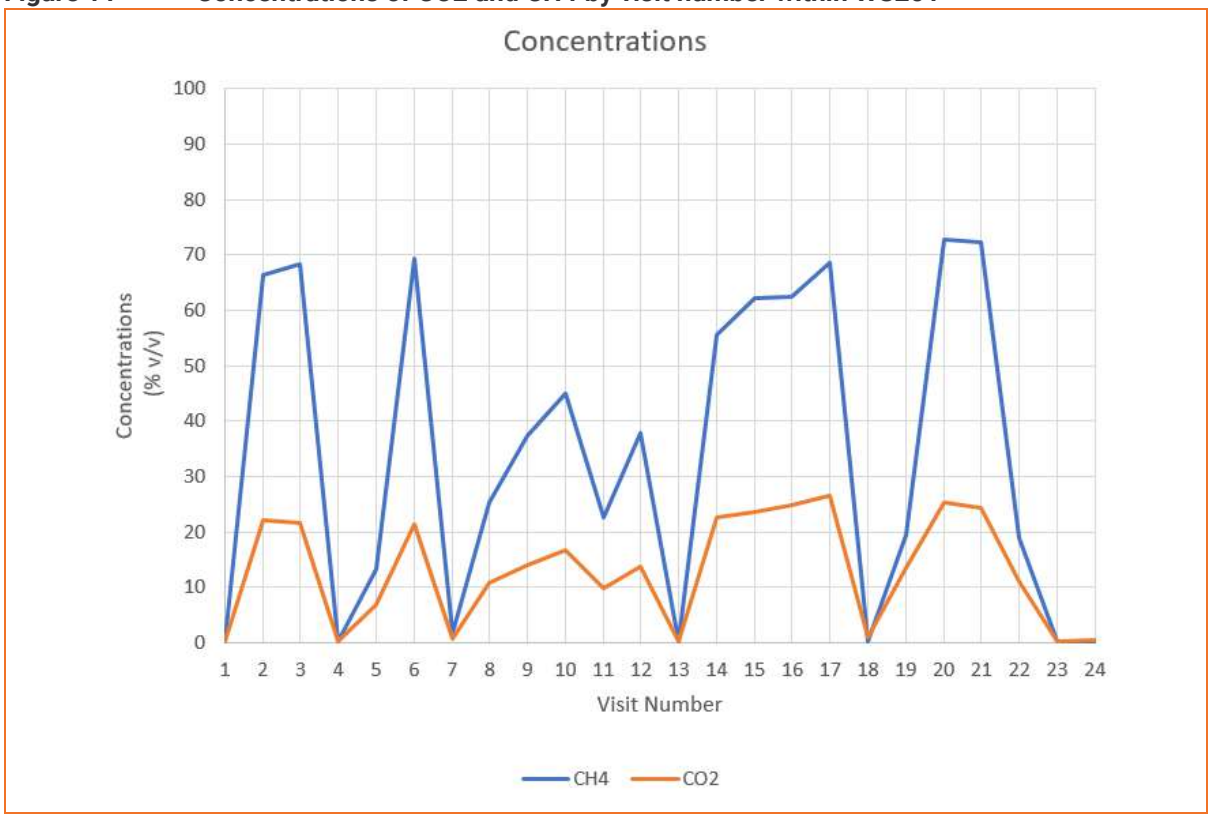


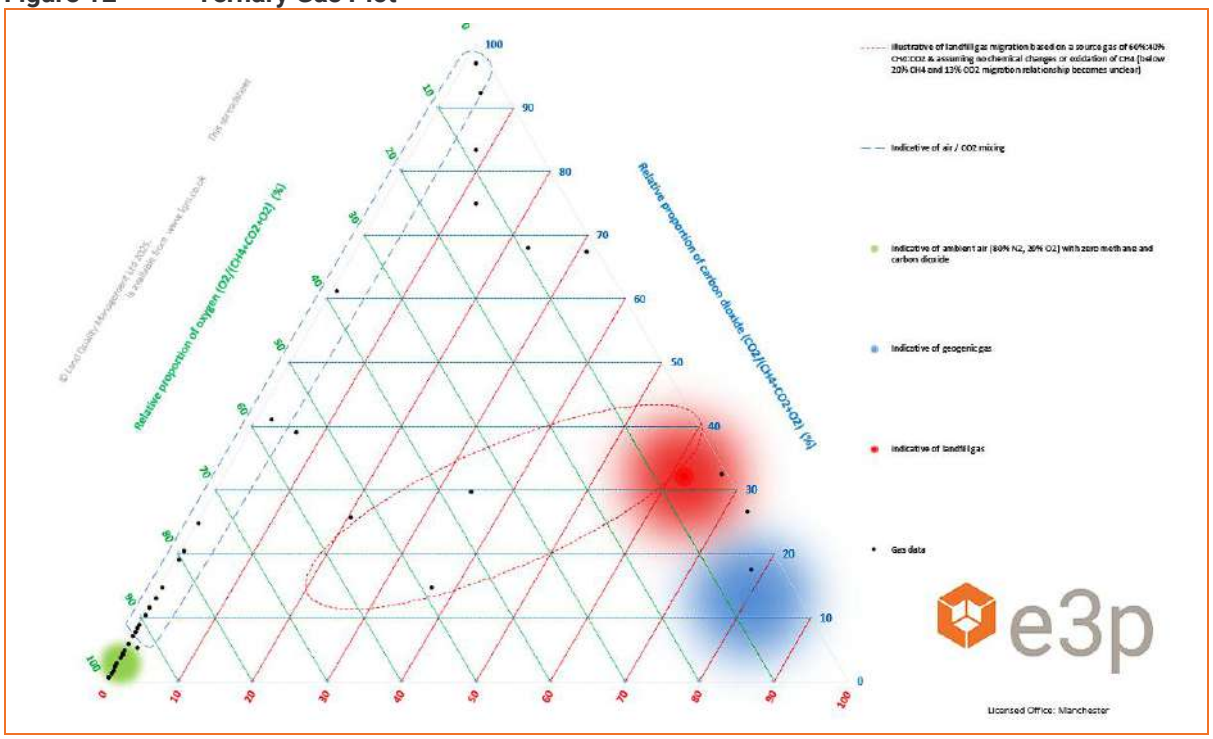
Figure 11 Concentrations of CO2 and CH4 by visit number within WS201



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. 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 6 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 7 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 8 below:

Table 8 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 72.8 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 9.

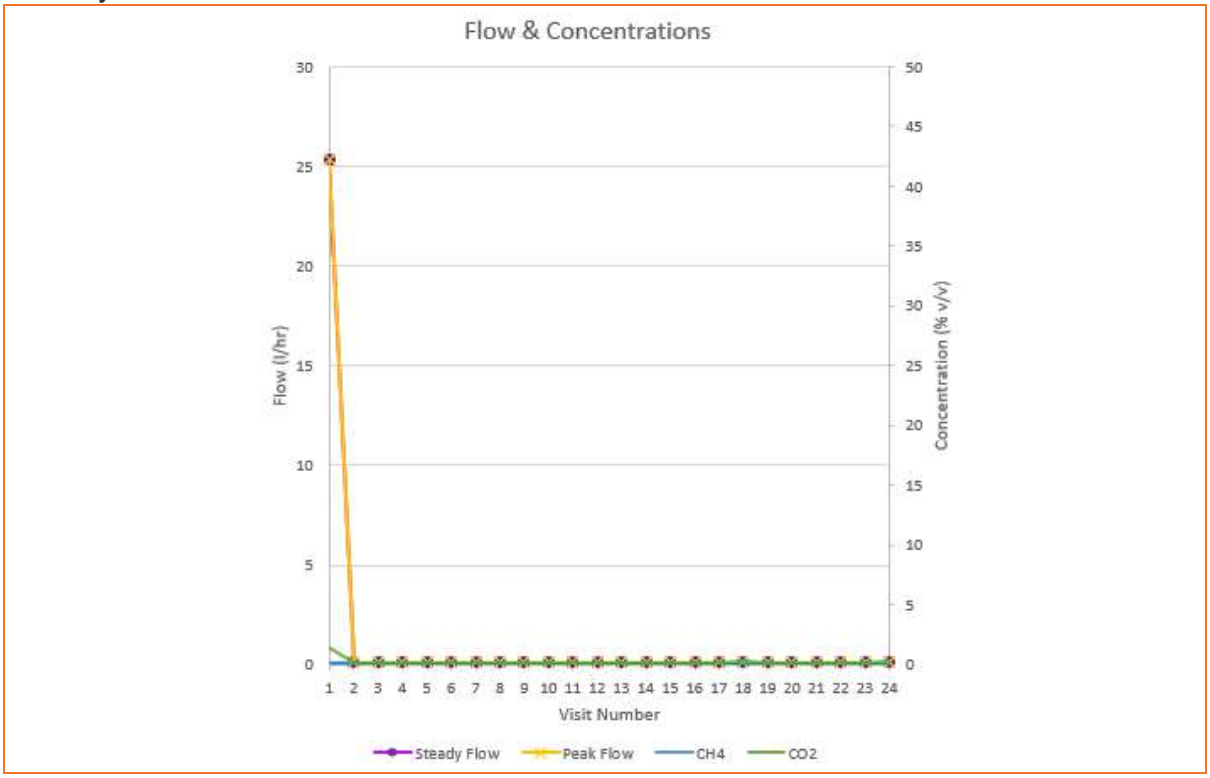
Table 9 Monitoring wells located in the area of the former petrol filling station

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.

5. GROUND GAS ASSESSMENT

5.1. CONCLUSION

The determined Characteristic Situation for each standpipe is presented in Table 10. 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 and CS4 associated with the adjacent landfill and historically deposited materials. Data obtained from flooded monitoring wells or during flooded visits has been excluded from the assessment.

Table 10 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
WS141	0.1	0.0001	2.4	0.0024	CS1

LOCATION	MAX CH_4 (% v/v)	GSV (l/hr)	MAX CO_2 (% v/v)	GSV (l/hr)	CHARACTERISTIC SITUATION
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	**72.8**	**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, areas of volatile hydrocarbon contamination have 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 in the location of the former filling station 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. Post remediation monitoring is suggested in this location which will likely reduce the classification to CS2/CS3. A flux box survey is recommended to quantify the methane emissions in this location.

- 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.

- Given the observed gas concentrations within the adjacent landfill, consideration should be given to installing a ventilation trench along the boundary with the landfill to act as a pressure relief pathway.

- With due consideration of the Conceptual Site Model, it is considered that CS2 mitigation measures will be required for plots located within 75 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.

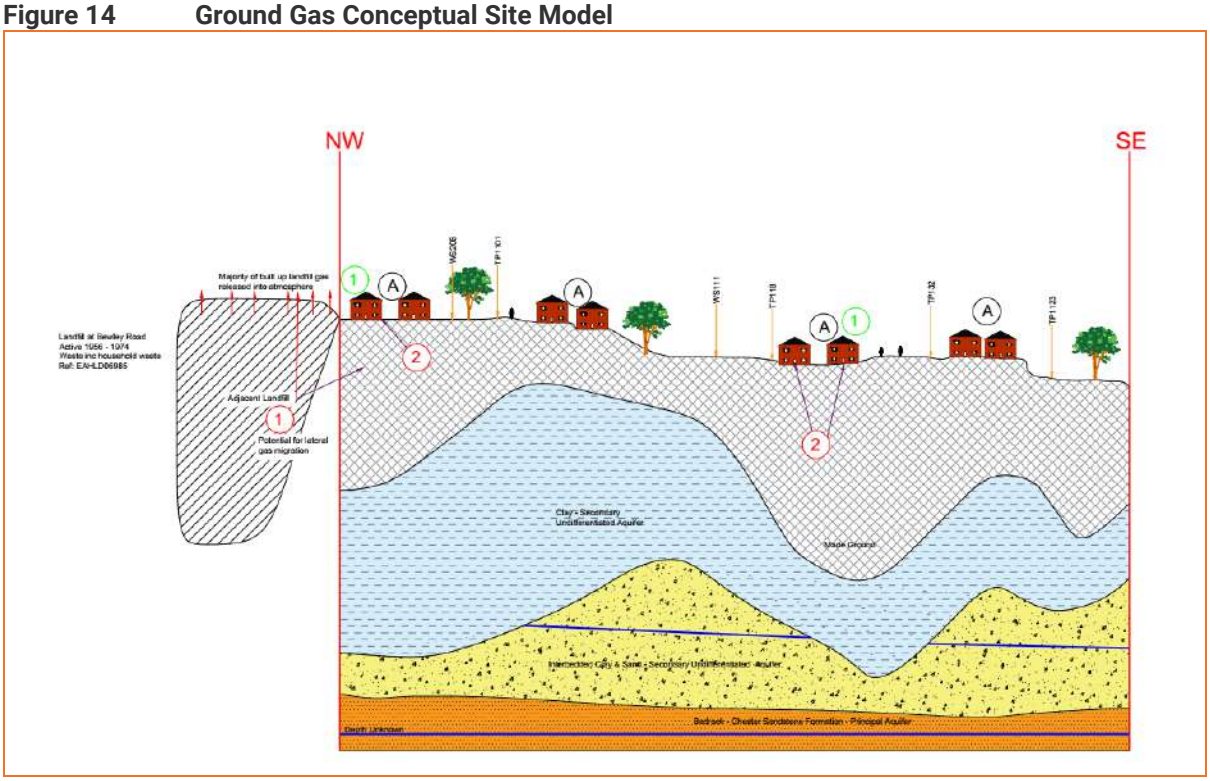
- Further post remediation assessment will be required in the location of WS201 to confirm the ground gas classification, given this location is currently classified as CS4 due to significantly elevated concentrations of methane and carbon dioxide. A flux box survey is recommended to quantify the methane emissions in this location.

It is recommended that the full ground gas assessment and recommended protection measures (if applicable) are 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.

Based on the above conclusions, a detailed ground gas zoning plan has been created and presented in Appendix III to indicate the plots that will require ground gas mitigation to ensure no risk to future end users.

Figure 14 Ground Gas Conceptual Site Model



A Gas Protection Design Report (GPDR) 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

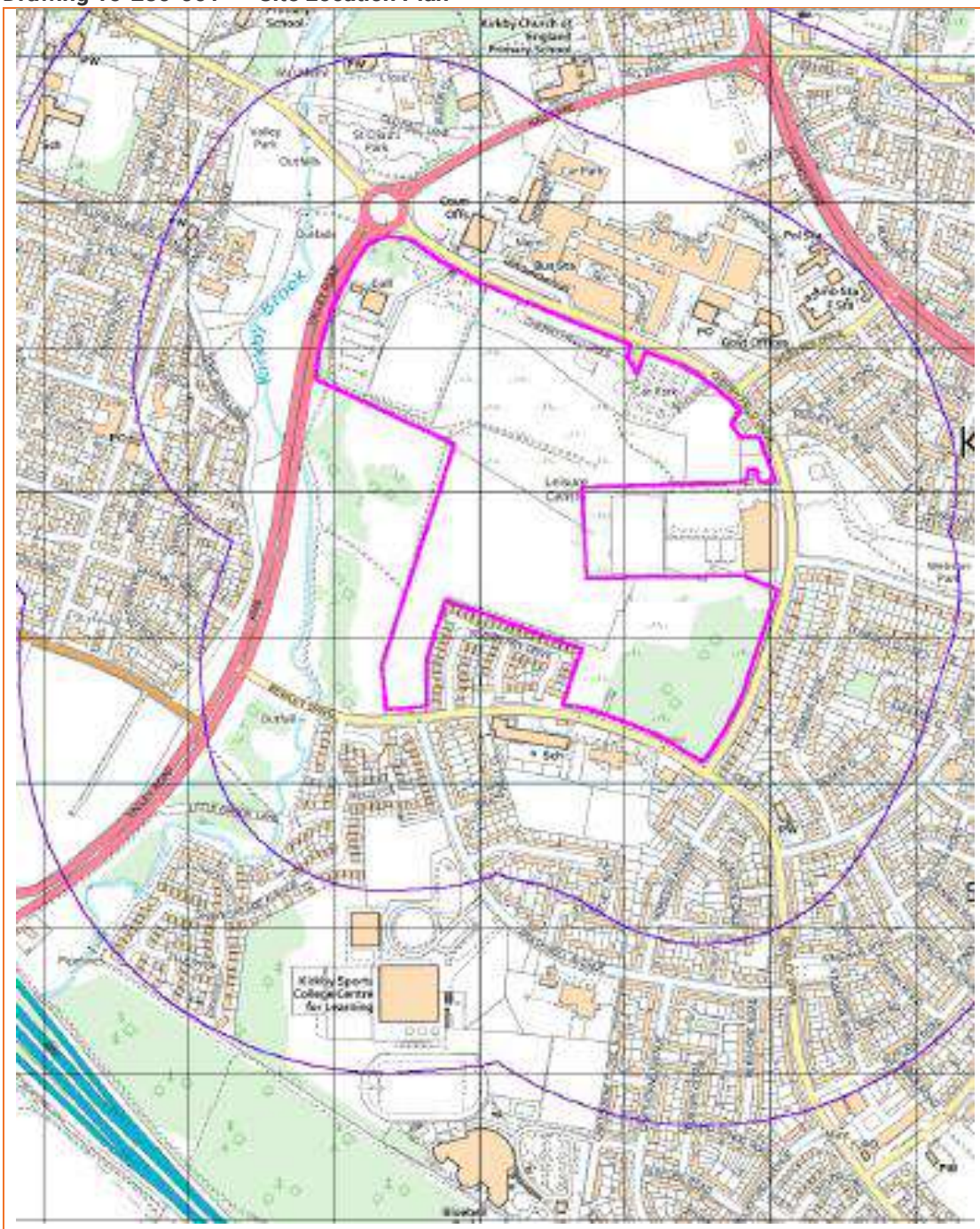
ACM	Asbestos containing material	**MMP**	Materials management plan
ADS	Acoustic design statement	**ND**	Not detected
AST	Aboveground storage tank	**NDP**	Nuclear density probe
BGS	British Geological Survey	**NMP**	Noise management plan
BSI	British Standards Institute	**NPSE**	Noise policy statement for 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

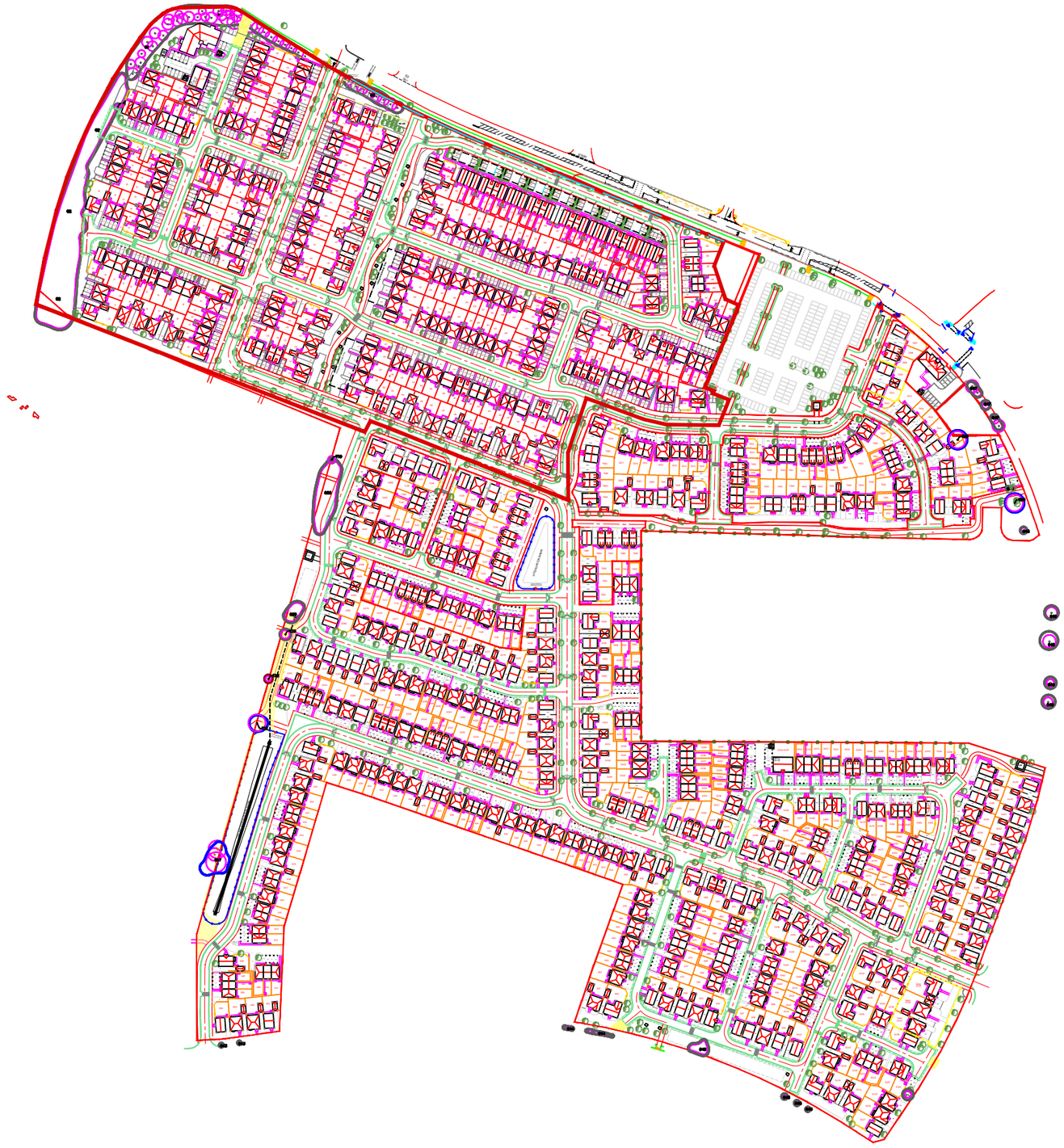
MCV	Moisture condition value	**WRAP**	Waste and Resources Action Programme
MIBK	Methyl isobutyl ketone	**WTE**	Water table elevation
m	Metres	**ppm**	Parts per million
km	Kilometres	**mg/m^3**	Milligram per metre cubed
% v/v	Percent volume in air	**m bgl**	Metres below ground level
mb	Millibars (atmospheric 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:

Phase	Issue	Date	Drawn	Checked
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

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

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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

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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

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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

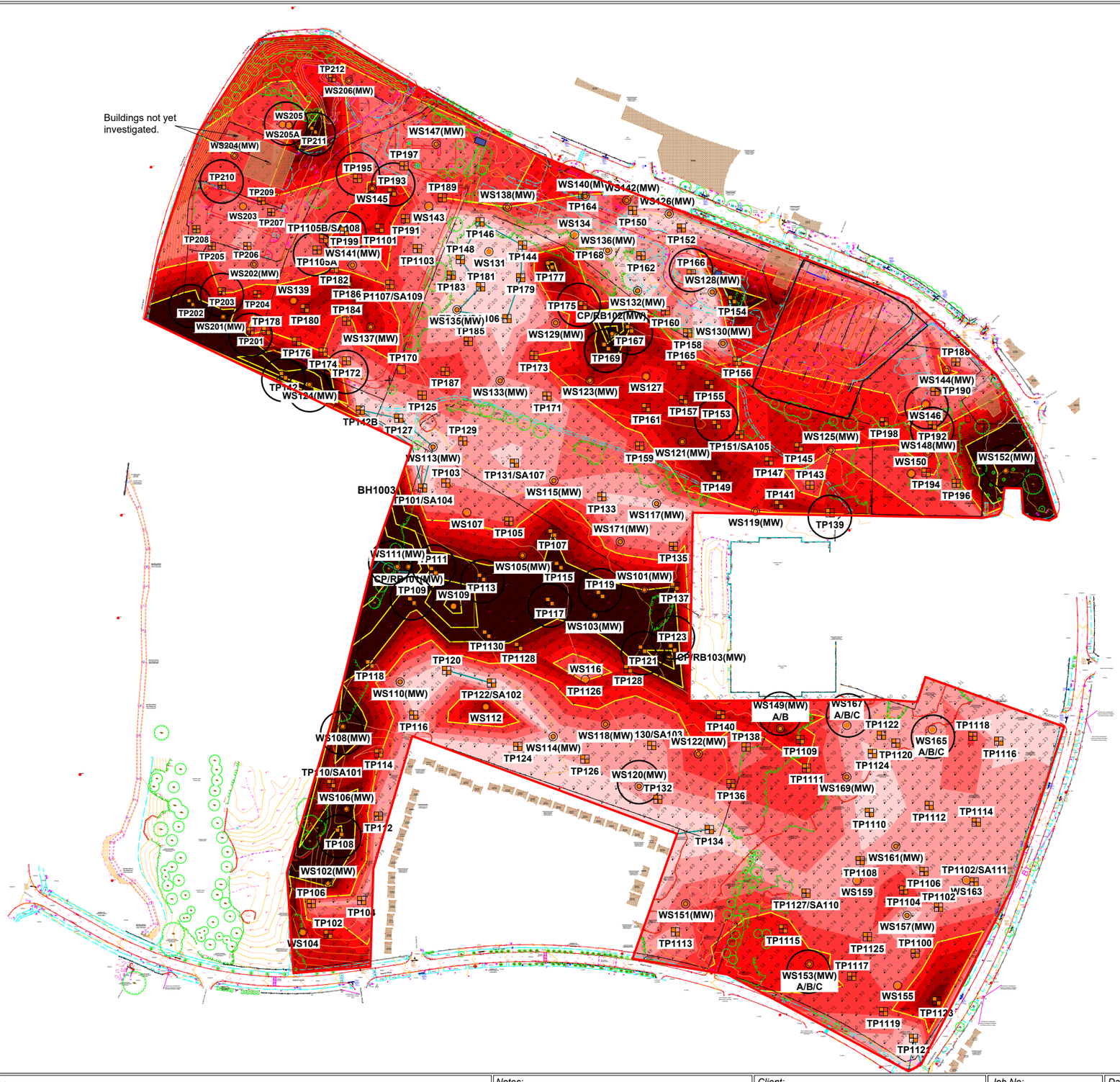
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Job Title: Cherryfield Drive, Kirkby

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 3.00 - 3.49m
- Depth of Made Ground 3.50 - 3.99m
- Depth of Made Ground 4.00 - 4.49m
- Depth of Made Ground 4.50 - 4.99m
- Depth of Made Ground >5.00m

Notes:

Phase	Issue	Date	Drawn	Checked
P1	REVF	16.05.2024	EB	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: 16.05.2024

Drawing No: 006

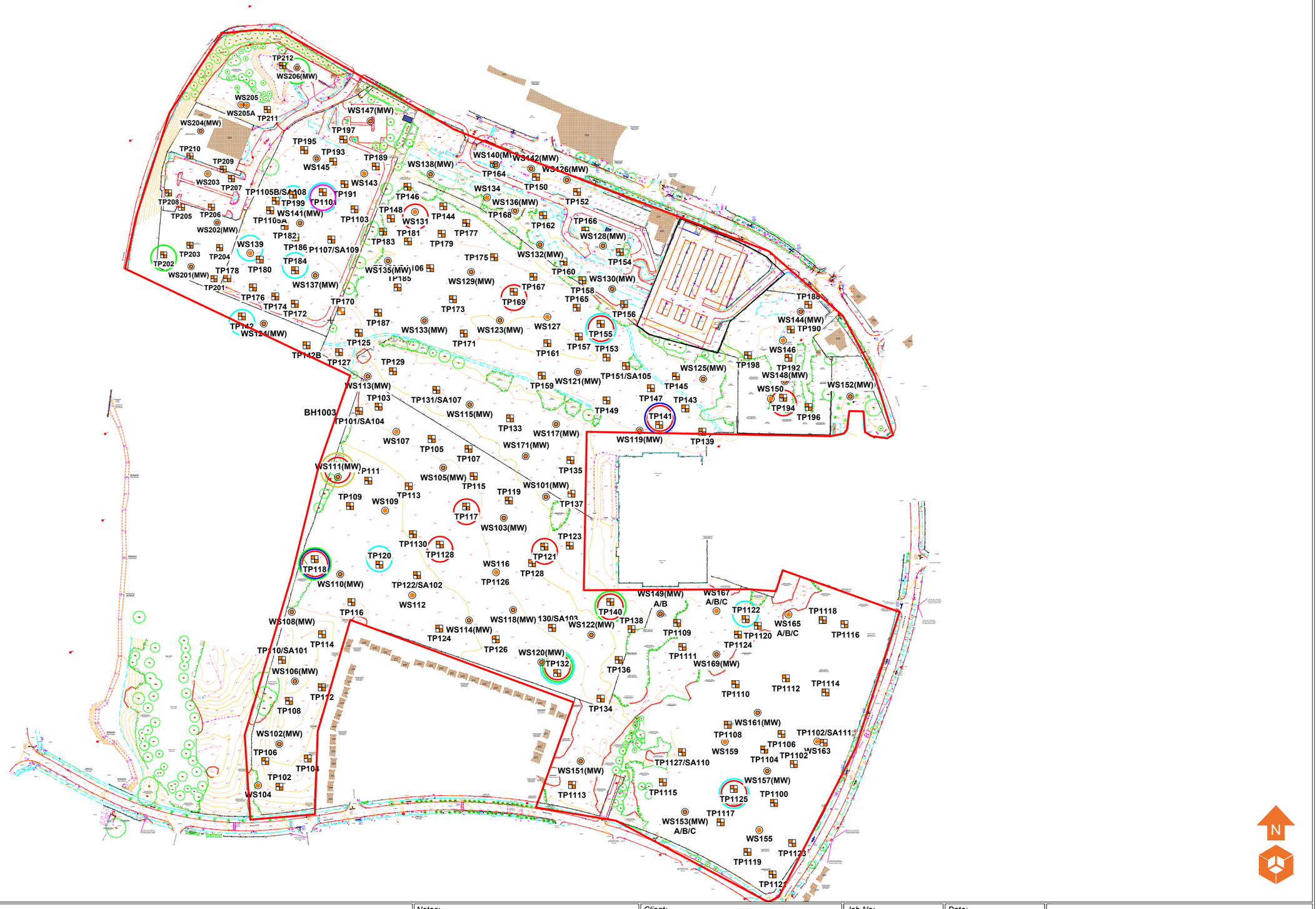
Scale: NTS @ A3

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 phthalate

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

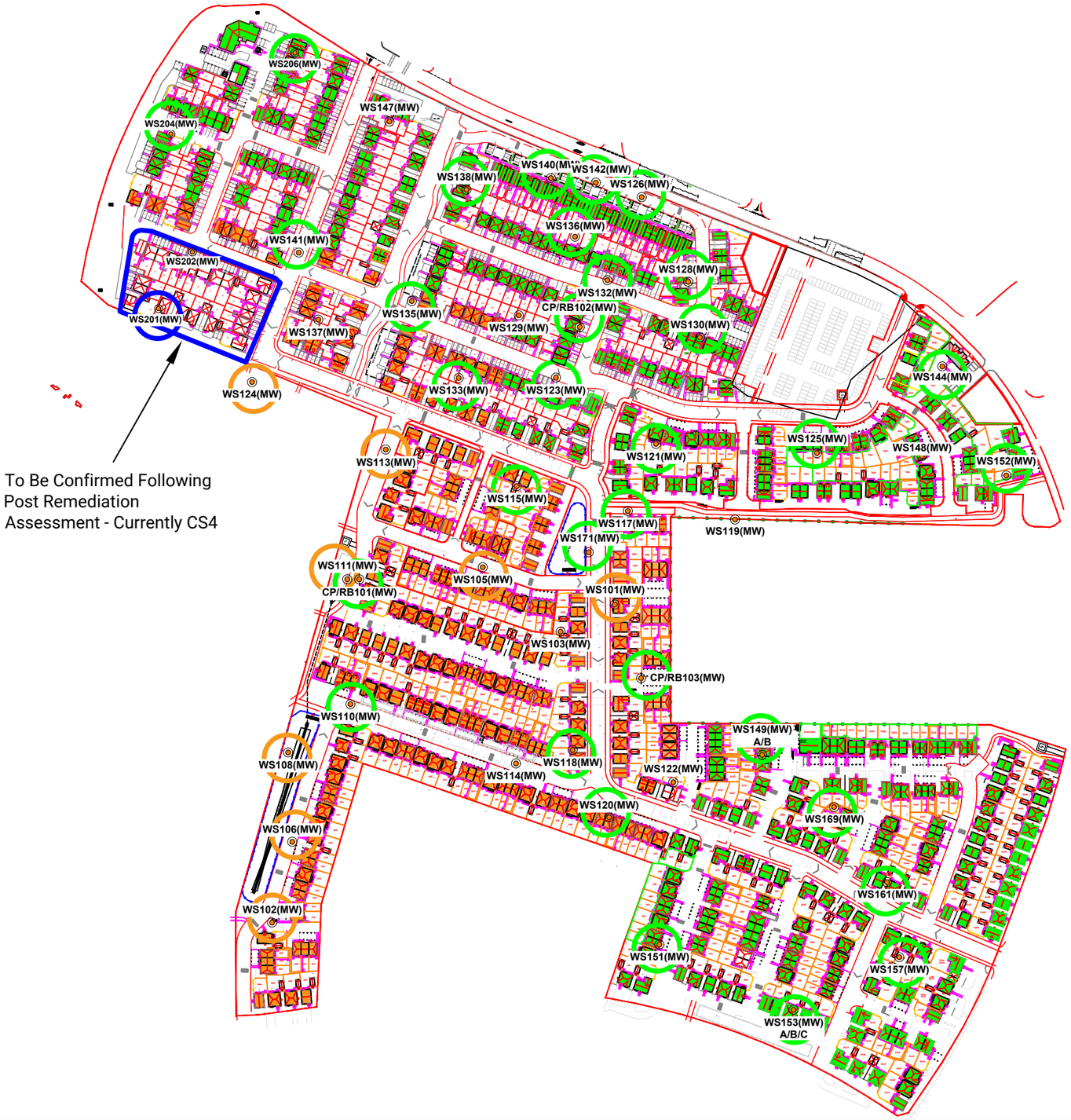
Scale: NTS@ A3

Job Title: Cherryfield Drive, Kirkby

Drawing Title: Contamination Exceedances Plan

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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
- Location Classified As CS1
- Location Classified As CS2
- Location Classified As CS4

Notes:

Phase	Issue	Date	Drawn	Checked
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: 07.04.2025

Drawing No: 020

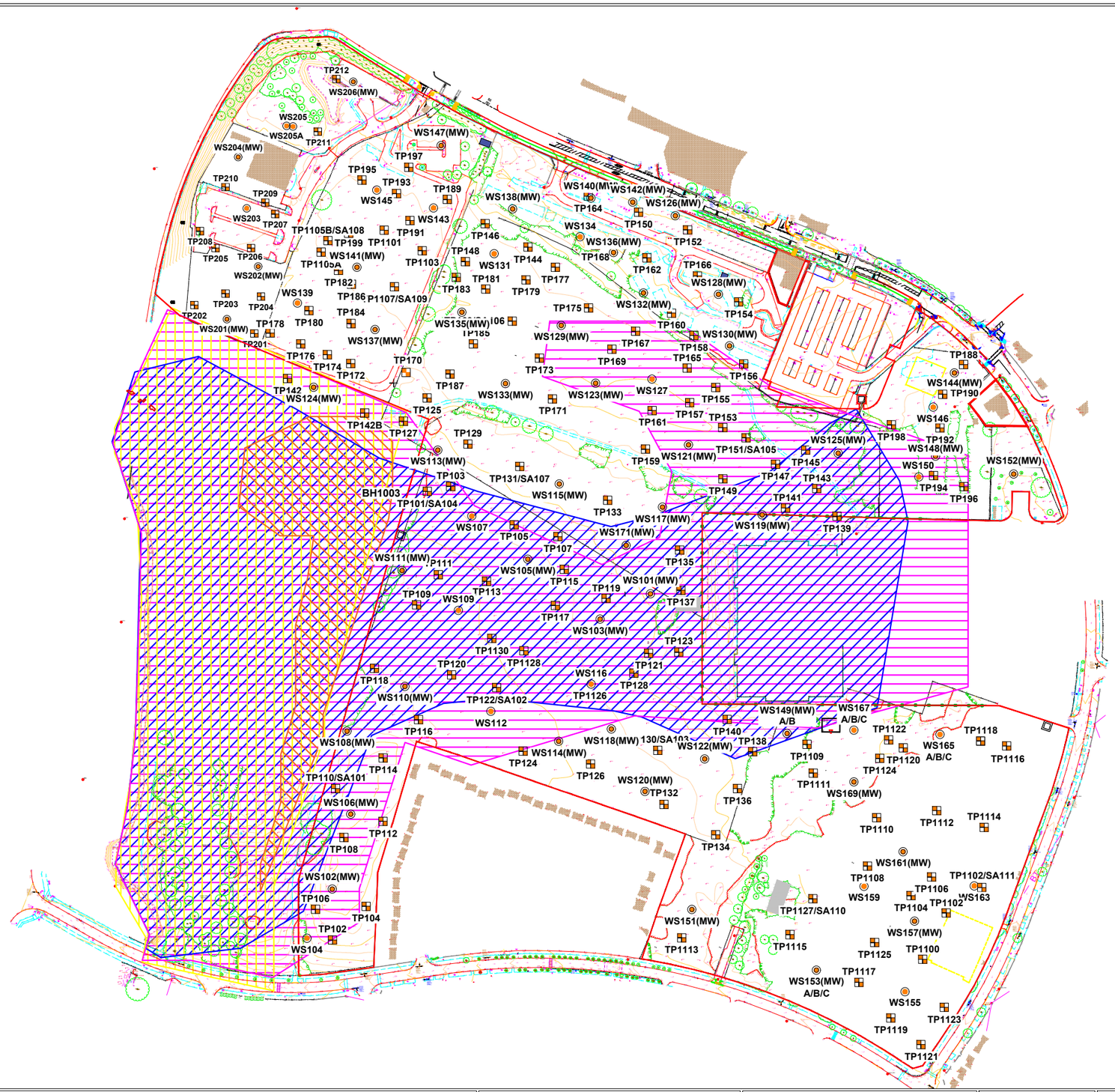
Scale: NTS

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

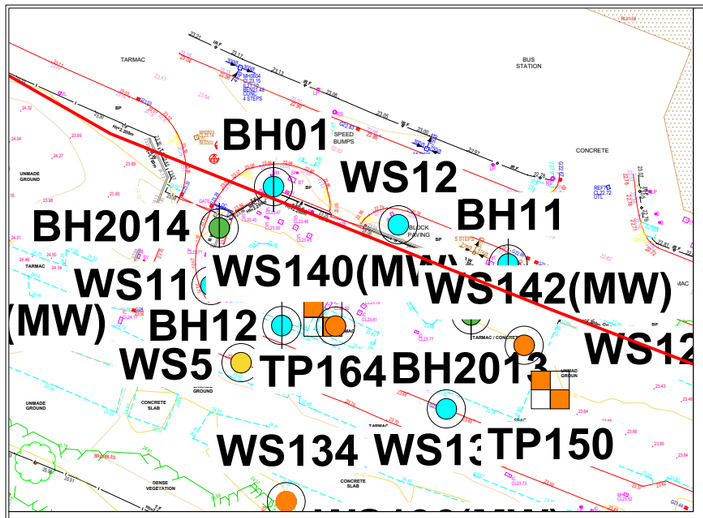
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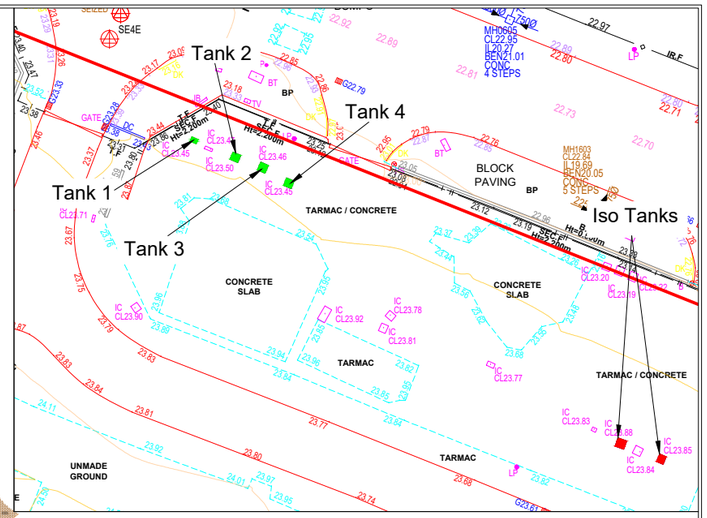
Job Title: Cherryfield Drive, Kirkby

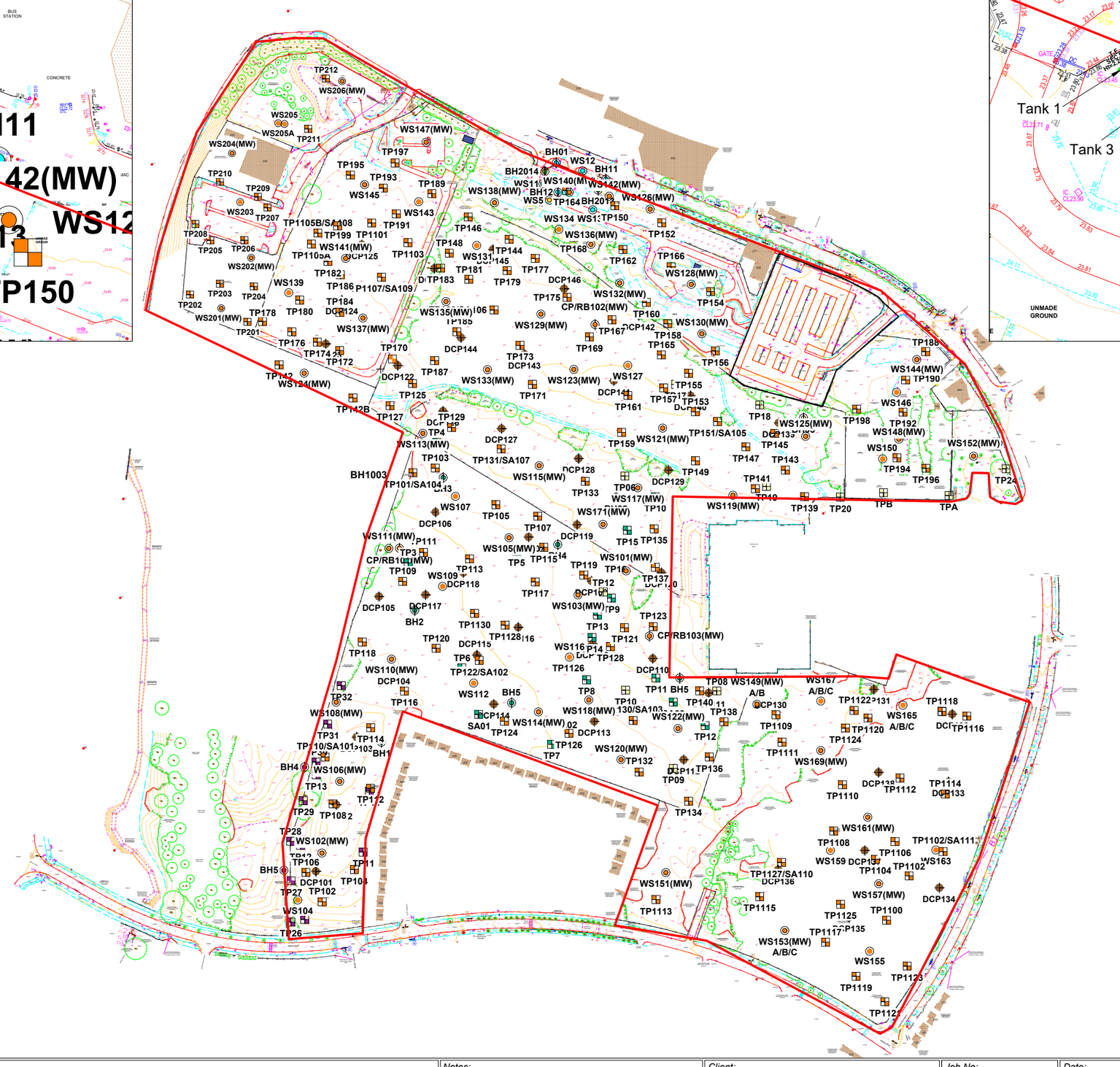
Drawing Title: Possible Landfill Extent Plan

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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

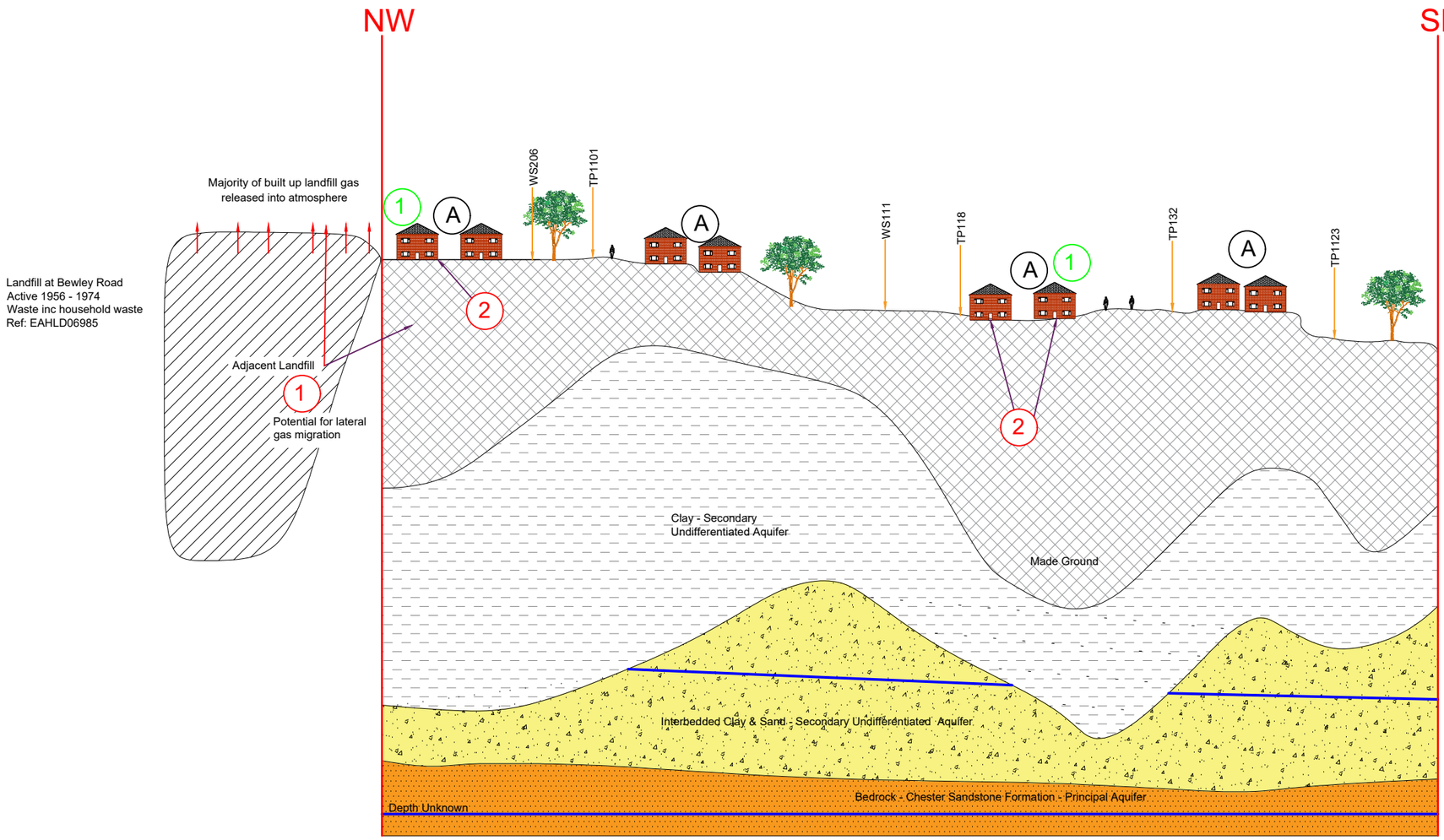
Job Title: Cherryfield Drive, Kirkby

Drawing Title: Garage and Petrol Filling Station Area Plan

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

Sources
1. Landfill Gases (CO_2 / Methane, Hydrogen Sulphide)
2. 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:

Phase	Issue	Date	Drawn	Checked
P1	REVA	11.03.2024	EB	PW

Client: DWH

Job No: 15-280

Date: 11.03.2024

Drawing No: 011

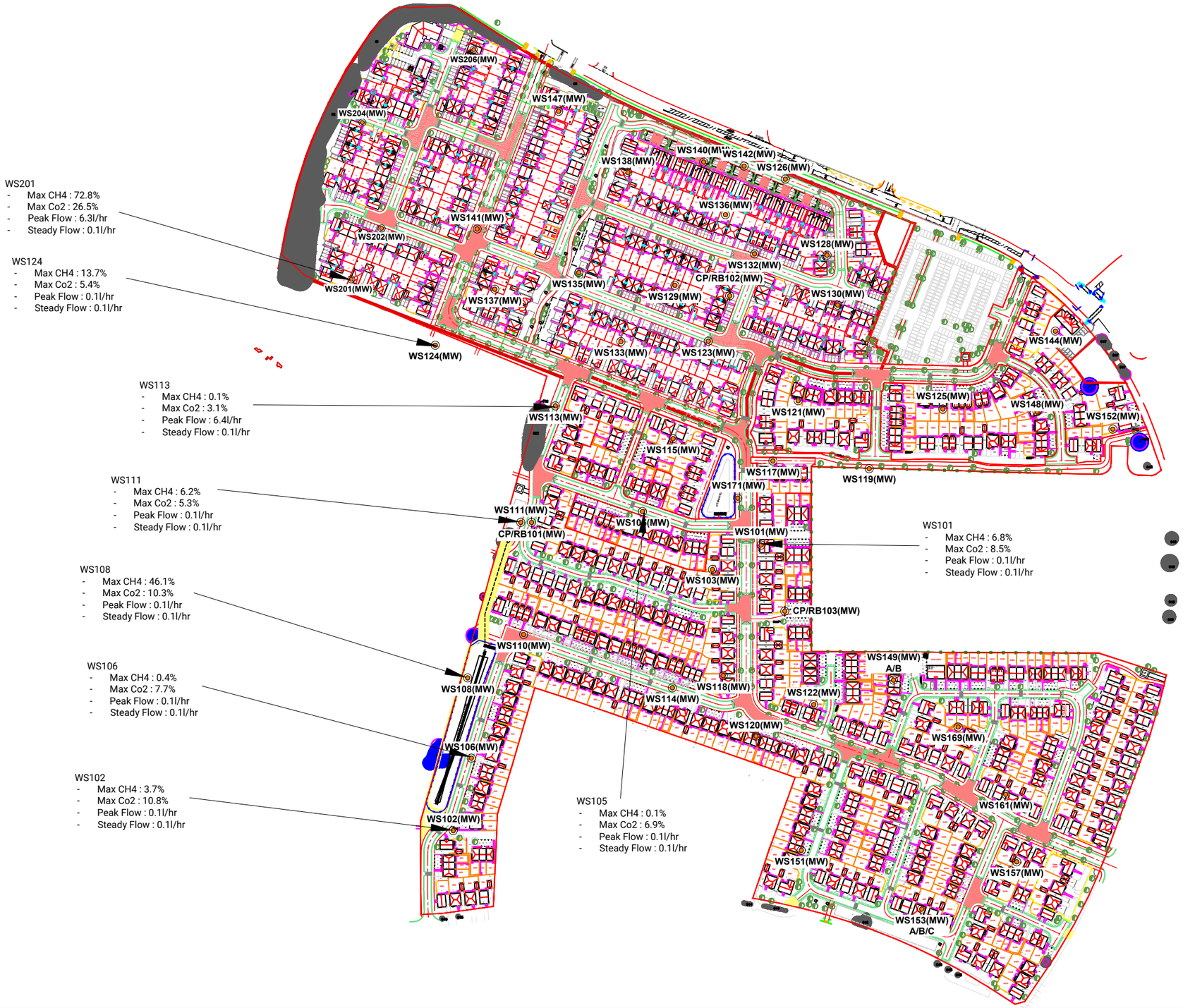
Scale: NTS@ A3

Job Title: Cherryfield Drive, Kirkby

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

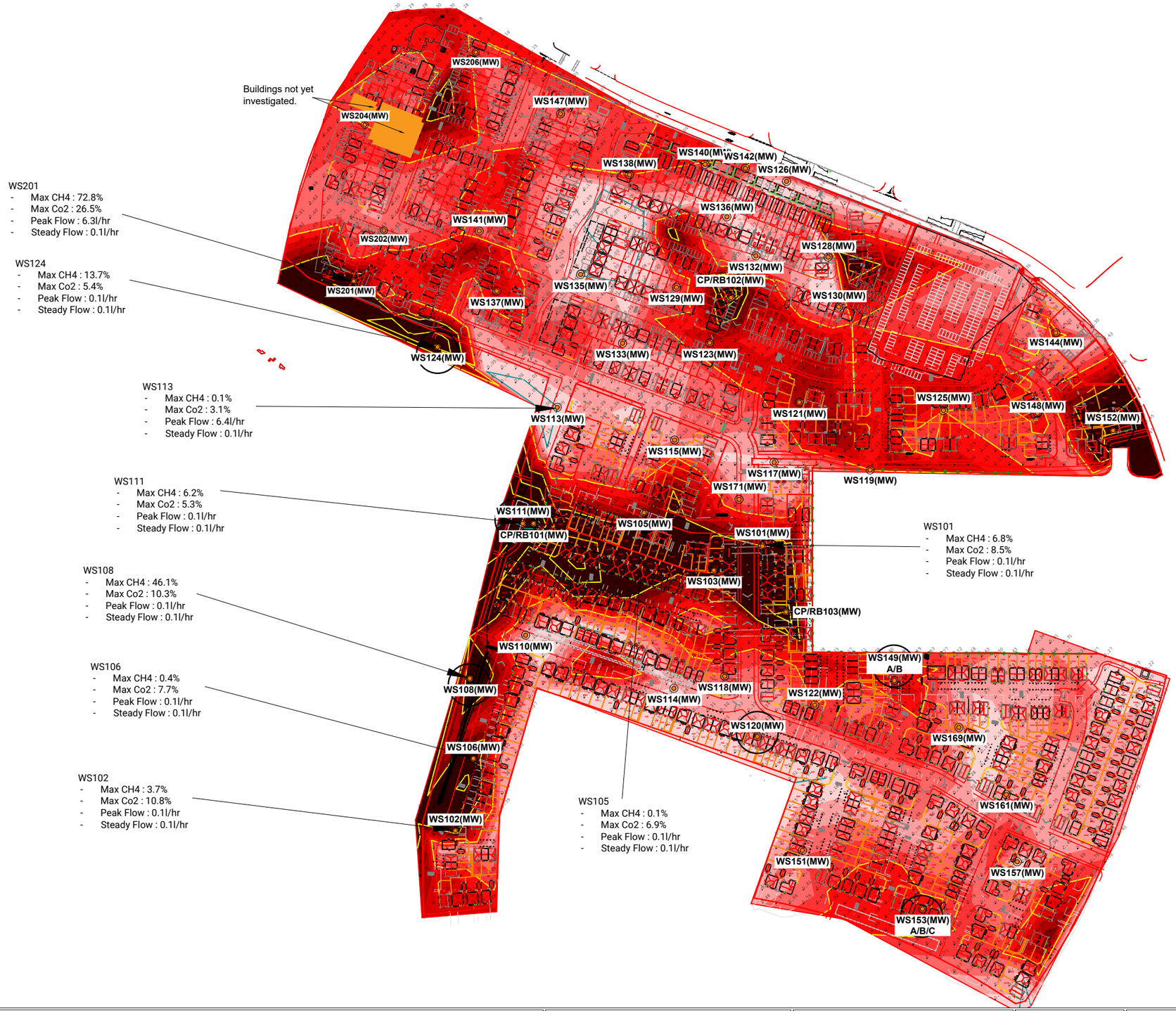
Scale: NTS

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

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 3.00 - 3.49m
- Depth of Made Ground 3.50 - 3.99m
- Depth of Made Ground 4.00 - 4.49m
- Depth of Made Ground 4.50 - 4.99m
- Depth of Made Ground >5.00m
- Full Extent Of MG Not Encountered

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

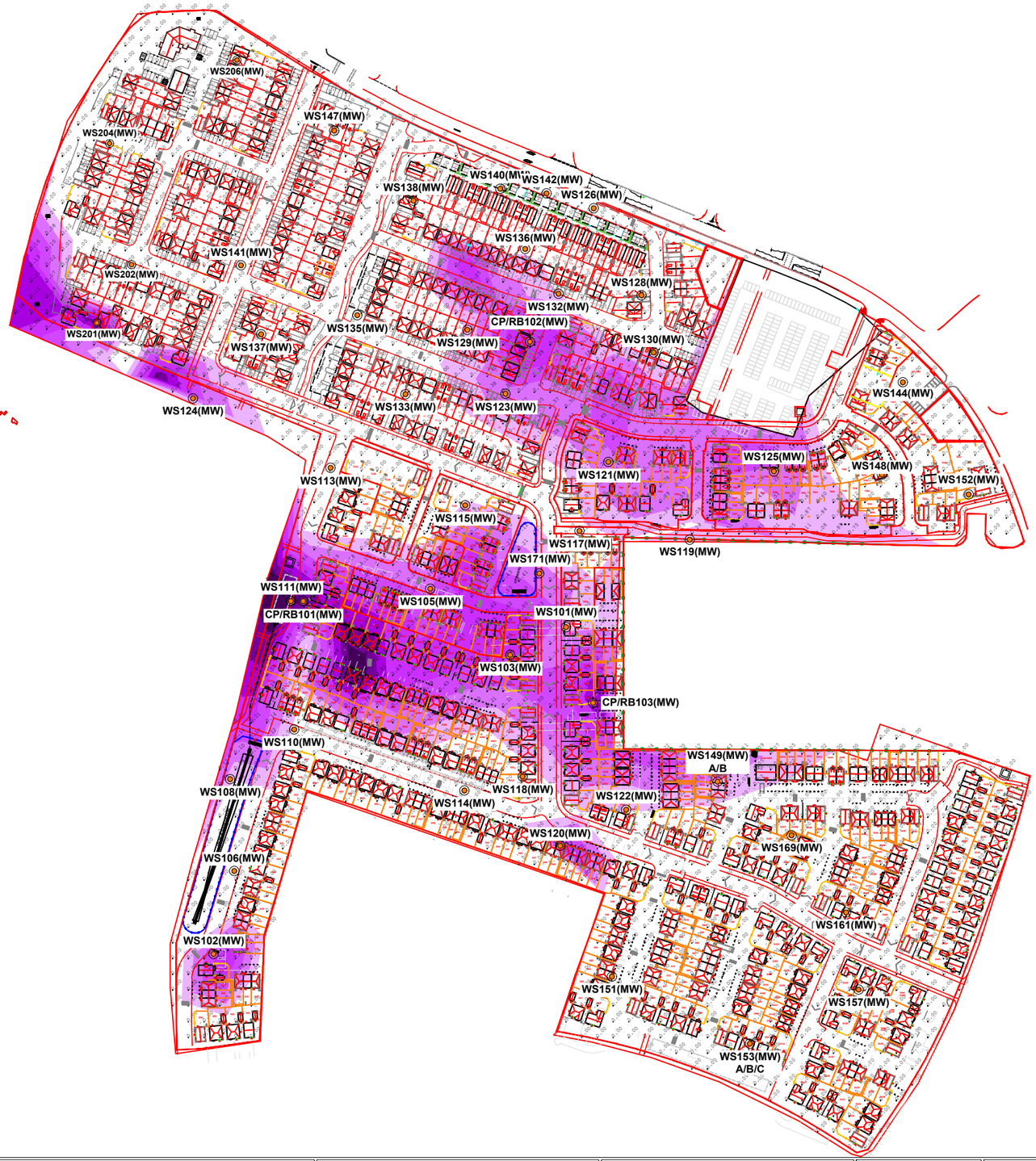
Scale: NTS

Job Title: Cherryfield Drive, Kirkby

Drawing Title: Elevated Ground Gas Plan (Made Ground)

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Location Symbols

- WS(MW) — Window Sample with Monitoring Well
- CP/RB(-ST)(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
- Base of Landfill Not Proven

Landfill Depth (m)

- 0.00 — Depth of Landfill

Notes:

Phase	Issue	Date	Drawn	Checked
P1	REVA	24.03.2025	TG	NS

Client: DWH

Job No: 15-280

Date: 24.03.2025

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

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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

1 2 3 4

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

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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 0.80	B HVP	89	1.00	23.17		Stiff high strength light brown mottled orange slightly sandy slightly gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone.
	1.50	HVP	55				Firm medium strength red mottled white slightly sandy slightly gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone.
				1.80	22.37		Red fine to medium SAND.
				2.40	21.77		End of Pit at 2.40m

1
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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

1
2
3
4

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

1 2 3 4

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

1
2
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4

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): Depth 3.20	2.50 / 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	ES		0.30	22.57		MADE GROUND: Dark grey slightly clayey fine to medium sand with frequent rootlets. (Topsoil)
				1.50	21.37		MADE GROUND: Dark grey slightly gravelly sandy clay with pipe, brick, and metal.
▼ 1.80				3.20	19.67		Red slightly clayey fine to medium SAND. (Weathered bedrock).
							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): 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	23.20		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
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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 × 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

1
2
3
4

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 (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	ES					MADE GROUND: Brown sandy clay with rootlets. (Topsoil).
				0.30	23.88		MADE GROUND: Light brown very sandy very gravelly clay. Gravel is fine to medium sub angular to sub rounded of mudstone, sandstone and brick.
				0.60	23.58		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.
	2.20	HVP	72	2.20	21.98		Firm medium strength red slightly gravelly CLAY. Gravel is fine sub angular to sub rounded of mudstone.
				2.50	21.68		Red fine to medium SAND. (Weathered bedrock).
				2.80	21.38		End of Pit at 2.80m

1 2 3 4

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

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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 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
				0.25	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

1 2 3 4

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

1 2 3 4

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 x 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 x 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): Depth 1.35	2.70 × 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
	0.10	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 (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				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 x 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	ES					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.
	0.80	B					
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

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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

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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 x 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
				0.08	24.11		MADE GROUND: Dark grey slightly gravelly clayey coarse sand with frequent rootlets. Gravel is fine, angular to subrounded of brick. (Topsoil)
	0.20	ES		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		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)
	1.00	D					
				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 × 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

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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
				0.05	23.68		MADE GROUND: Dark grey sandy clay with frequent rootlets. (Topsoil)
	0.20	ES		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): 2.00 x 0.60 Depth 2.40	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				
	0.10	ES					MADE GROUND: Brown sandy clay with rootlets. (Topsoil).
				0.20	24.56		
	0.40	HVP	107				Stiff high strength greyish red slightly gravelly slightly sandy CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
				0.60	24.16		
	1.00	HVP	34				Soft low strength red slightly gravelly silty CLAY. Gravel is fine to coarse angular to sub rounded of mudstone and sandstone.
				1.40	23.36		Brownish red slightly gravelly very sandy CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
				2.40	22.36		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).
							Light brown sandy CLAY.
	0.70	HVP	54	0.70	23.69		Firm medium strength dark grey slightly gravelly sandy CLAY. Gravel is fine subrounded of sandstone. Circa 0.90 m bgl becomes stiff high strength.
	0.90	HVP	76				
	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	HVP	112				Stiff high strength red mottled grey gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone.
	0.80	B		0.90	23.94		
	1.20	HVP	52				Firm medium strength red slightly gravelly silty CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone.
▼ 1.40				2.20	22.64		Brownish red gravelly sandy CLAY. Gravel is fine to coarse sub angular to sub rounded of mudstone and sandstone.
				2.70	22.14		End of Pit at 2.70m

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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 x 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

TrialPit No: TP137
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341141.61 - 398363.34 Level: 25.25	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	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

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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 x 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 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
				0.15	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

TrialPit No: TP140
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341174.18 - 398272.47 Level: 24.70	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

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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

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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): Depth 3.30	2.90 / 0.80	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	25.64		MADE GROUND: Dark grey sandy with clay frequent rootlets. (Topsoil)
0.40				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 x 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 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
	0.10	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.
				1.50	24.66		Stiff greyish red silty CLAY.
2.00							
				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 x 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

TrialPit No: TP145
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341229.44 - 398461.90 Level: 26.15	Date 11/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60 Depth 3.10	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
0.60	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 x 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 (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	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 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
				0.10	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): 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	25.97		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

1 2 3 4

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 0.30	23.43 23.38		MADE GROUND: Dark grey slightly clayey gravelly sand with frequent rootlets. Gravel is fine to coarse, angular to subrounded of brick. (Topsoil)
							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.
	1.60 1.70	HVP HVP	108 116	1.50	22.18		Stiff high strength brown sandy CLAY.
				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 × 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 × 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

TrialPit No: TP153
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341171.08 - 398477.80 Level: 26.36	Date 12/01/2022
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	26.16		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

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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): 2.60 x 0.70 Depth 3.40	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
				0.20	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

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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 x 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

TrialPit No: TP157
Sheet 1 of 1

Project Name: Cherryfields	Project No. 15280	Co-ords: 341147.77 - 398495.38 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
				0.30	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

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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 x 0.70 Depth 2.90	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				
				0.30	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

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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 x 0.70 Depth 2.50	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				
	0.10	ES					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	0.30	24.16		Stiff medium strength brown slightly sandy gravelly CLAY. Gravel is fine to coarse, subrounded to rounded of sandstone.
	1.20	HVP	75	0.90	23.56		Stiff medium strength reddish brown slightly sandy CLAY.
				2.50	21.96		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

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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

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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): 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
	0.50	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	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	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

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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): Depth 2.00	2.50 × 0.50	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	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 x 0.90 Depth 3.00	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				
				0.03	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): Depth 2.50	2.80 / 0.80	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	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

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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): 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
	0.10	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): Depth 0.40	3.00 / 0.80	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		0.30	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): Depth 2.00 — 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
	0.50	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

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): Depth 1.40	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
	0.10	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): 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
				0.30	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

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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 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
				0.20	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.
							MADE GROUND: Brown clayey gravel. Gravel is of fine to coarse, angular to subrounded of brick, glass, bottles, ash, metal, pipe, clinker and wood.
	1.50	ES		1.60	24.42		
▼ 1.70	1.70	HVP	96				Stiff, high strength reddish brown slightly sandy CLAY.
				1.80	24.22		End of Pit at 1.80m

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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.
	1.00	HVP	136	0.90	25.54		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

1 2 3 4

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 x 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 x 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

1 2 3 4

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
				0.20	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.
	0.60	ES					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.
				1.20	24.87		MADE GROUND: Stiff reddish brown slightly sandy CLAY. Field drain encountered at 1.80 m bgl.
	1.40	HVP	94				
▼ 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

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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 x 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.
							Light brownish grey slightly gravelly fine to medium SAND. Gravel is fine to coarse, angular to subrounded of sandstone.
				0.85	24.85		
	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	Date 13/01/2022
Location: Kirkby		Dimensions (m): 2.00 x 0.60	Scale 1:30
Client: BDW Trading		Depth 2.30	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

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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
				0.60	25.28		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.
				0.80	25.08		MADE GROUND: Brownish black gravelly fine to medium sand. Gravel is fine to coarse sub angular to sub rounded of brick.
							End of Pit at 0.80m

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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 x 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): Depth 0.80	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	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

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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	Date 24/01/2022
Location: Kirkby		Dimensions (m): 2.30 x 0.60	Scale 1:30
Client: BDW Trading		Depth 3.00	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

1 2 3 4

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): 2.00 x 0.60 Depth 1.80	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	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

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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		Stiff high strength brown sandy CLAY. Circa 2.00 m bgl becomes firm medium strength.
	1.50	HVP	85				
	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): Depth 1.20	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		0.15	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 × 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.
				0.40	25.90		MADE GROUND: Concrete.
	0.80	B					Soft brownish grey very sandy CLAY.
				1.00	25.30		Stiff high strength brown sandy CLAY. Becoming firm medium strength at 1.50 m bgl.
	1.20	HVP	76				
	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	Date 25/01/2022
Location: Kirkby		Level: 24.92	Scale 1:30
Client: BDW Trading		Dimensions (m): Depth 3.00, 2.80 x 0.60	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): 2.50 x 1.20 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
				0.40	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 x 0.60 Depth 3.00	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				
	0.10	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)
				0.35	24.90		
	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	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				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 x 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 1.20	B ES		1.20	23.63		Reddish brown slightly gravelly fine to medium SAND. Gravel is fine to coarse subrounded to rounded of sandstone. (Weathered bedrock).
				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 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
	0.30	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 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
				0.15	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): Depth 2.50 (1.20 × 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): Depth 2.80	3.50 / 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
	0.10	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): 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
				0.30	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	Date 24/01/2022
Location: Kirkby		Level: 24.23	Scale 1:30
Client: BDW Trading		Dimensions (m): Depth 2.40 — 2.50 × 1.20	Logged J.Beer

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				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).
	0.40	ES					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.
	0.80	HVP	75	0.80	23.43		Stiff high strength reddish grey slightly gravelly sandy CLAY. Gravel is fine to coarse sub angular to sub rounded of mudstone.
	1.10	HVP	84	1.20	23.03		Red fine to medium SAND. (Weathered bedrock).
	1.50	B		2.40	21.83		End of Pit at 2.40m

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 Level: 24.22	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	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					
	0.80	HVP	57	0.80	23.42		MADE GROUND: Dark grey slightly clayey gravelly fine to medium sand. Gravel is fine to coarse, angular to subrounded of brick.
							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 x 0.60 Depth 2.50	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				
	0.10	ES		0.10	24.31		MADE GROUND: Dark brown slightly clayey gravelly sand with frequent rootlets. Gravel is fine to coarse angular to subrounded of brick (Topsoil)
				0.15	24.26		
				0.30	24.11		MADE GROUND: Orangish brown fine to medium sand.
				0.40	24.01		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		Firm medium strength reddish brown sandy CLAY. Becoming stiff high strength circa. 1.50 m bgl.
	1.00	HVP	67				
	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).
							MADE GROUND: Brown gravelly very sandy clay. Gravel is fine to coarse sub angular to sub rounded of mudstone and brick.
	1.00	ES		0.90	24.14		MADE GROUND: Very stiff black slightly gravelly clay. Gravel is sub angular of ash and brick.
				1.20	23.84		MADE GROUND: Very soft dark grey very sandy clay.
▼ 2.00	2.00	ES		2.00	23.04		Very soft dark grey very sandy CLAY.
				2.60	22.44		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	Date 25/01/2022
Location: Kirkby		Dimensions (m): 2.80 x 0.60	Scale 1:30
Client: BDW Trading		Depth 2.80	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	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.30 0.30	B ES		0.10 0.40	24.48 24.18		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). 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 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
				0.10	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.
	1.80	HVP	55	1.80	21.92		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.
				2.30	21.42		Firm medium strength brownish grey sandy CLAY.
				2.70	21.02		Firm reddish brown sandy CLAY.
				3.00	20.72		Reddish brown clayey fine to medium SAND. (Weathered bedrock).
							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 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
				0.10	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.
							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.
	2.60	ES		2.50	21.04		Reddish brown very clayey fine to medium SAND. (Weathered bedrock).
				3.00	20.54		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 1.00	D SPT	N=4 (1,1/1,1,1,1)				
		2.00 2.00	D 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 3.00	D 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 4.00	D 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					
		1.00	SPT	N=18 (1,2/5,5,4,4)				MADE GROUND: Black sandy gravel. Gravel is fine to coarse angular to sub rounded of mudstone, brick, ash, glass, ceramic and plastic.
					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)				
					3.70	21.91		Dense brown clayey fine to medium SAND.
		3.80	SPT	50 (10,11/50 for 155mm)				
					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)				Brown slightly gravelly sandy CLAY. Gravel is fine to coarse, subrounded to rounded of sandstone.
					1.25	22.78		Medium dense reddish brown silty fine to medium SAND. Circa 2.00 m bgl becomes dense.
		2.00	SPT	50 (6,9/50 for 230mm)				
					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)				Stiff medium strength brown silty CLAY.
		1.20	PP	17.17				
		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

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	D		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).
		1.00	SPT	N=17 (3,4/4,5,4,4)				Very stiff high strength reddish brown slightly gravelly silty CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone and sandstone.
		2.00	D					
		2.00	SPT	N=25 (3,5/5,7,6,7)				
	▼ 2.80	2.50	PP	34.34				
					2.80	25.02		Brown slightly clayey fine to medium SAND.
		3.00	D		3.00	23.22		Stiff medium strength brown silty CLAY.
		3.00	SPT	N=16 (2,3/3,4,4,5)				
		4.00	D		4.00	23.02		Dense reddish brown fine to medium SAND. (Weathered bedrock).
		4.00	SPT	50 (3,5/50 for 290mm)				
					4.44	22.02		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. Reddish brown clayey fine to medium SAND.
		1.00	SPT	N=10 (1,1/2,2,2,4)				
		2.00	SPT	N=50 (18,7/10,12,13,15)				
					2.45	23.24		End of Borehole at 2.45m

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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				
		0.50	ES		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)
		1.00 1.00	D SPT	N=7 (2,2/1,2,2,2)	1.00	24.15		MADE GROUND: Brown slightly gravelly sandy clay. Gravel is fine, angular to subrounded of brick.
		2.00 2.00	D SPT	N=50 (4,4/10,12,15,13)				Firm low strength reddish brown sandy CLAY. (Becoming very stiff, very high strength at 2.00m bgl)
					2.45	23.45		End of Borehole at 2.45m

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)
								MADE GROUND: Brown slightly gravelly sandy clay. Gravel is fine to coarse, angular to subrounded of brick, ash and clinker.
		1.00	SPT	N=7 (1,1/1,2,2,2)	1.10	25.67		
					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					
		2.00	SPT	N=8 (1,1/1,2,2,3)				MADE GROUND: Black slightly gravelly slightly clayey fine to medium sand (ashy). Gravel is fine of ash.
					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 1.00	D SPT	N=21 (3,4/4,6,5,6)				
		1.50	PP	88.29				
		2.00 2.00	D 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) Reddish brown sandy CLAY.
		0.50 - 1.00	U					
		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 0.50	ES U					Stiff, medium strength brown slightly sandy gravelly CLAY. Gravel is fine to medium, subrounded to rounded of sandstone and mudstone.
		1.00 1.00	D 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 2.00	D SPT	N=18 (3,3/4,4,5,5)				
		3.00 3.00	D 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).
		0.80	ES		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.
		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	D		1.00	24.93		
		1.00	SPT	N=7 (1,1/2,2,1,2)				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		Loose brown slightly clayey gravelly fine to medium SAND. Gravel is fine to medium, subrounded to rounded of sandstone.
		1.50	U		1.40	23.05		Firm, low strength brown slightly gravelly slightly sandy CLAY. Gravel is fine to medium, subrounded to rounded of sandstone.
		2.00	D		2.00	22.65		Firm, low strength brown slightly gravelly 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		Very stiff, very high strength reddish brown slightly gravelly sandy CLAY. Gravel is fine to medium, subrounded to rounded of sandstone.
		3.00	D					
		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				
					1.00	23.59		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)				
		1.60	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

1 2 3 4 5 6 7 8 9 10

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		
					0.50	24.67		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 (8,10/50 for 205mm)	0.90	24.47		MADE GROUND: Light brown sandy gravel. Gravel is fine to coarse angular to sub rounded sandstone and concrete.
					1.36	24.07		MADE GROUND: Red gravel with cobbles. Gravel is fine to coarse angular to sub rounded of brick. Cobbles are sub rounded of brick.
								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.
		1.00	D		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	SPT	N=14 (2,2/3,3,3,5)				Stiff medium strength reddish light brown slightly gravelly slightly sandy CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone.
		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)				
					2.50	25.52		MADE GROUND: Brownish black slightly gravelly slightly sandy clay. Gravel is fine sub angular to sub rounded of ash
		3.00	SPT	N=50 (2,2/12,12,13,13)				
					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).
								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 70mm/50 for 100mm)	0.90 0.95 1.17	23.99 23.29 23.24		MADE GROUND: Brick layer. Recovered as sub rounded cobble of brick.
								MADE GROUND: Concrete.
								End of Borehole at 1.17m

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

1 2 3 4 5 6 7 8 9 10

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					Stiff medium strength red slightly sandy CLAY
		1.00	SPT	N=12 (2,1/2,3,3,4)				
		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					
		1.00	SPT	N=11 (1,3/2,3,3,3)				Stiff medium strength brownish red mottled grey slightly gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of mudstone.
		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.
		1.00	D					Firm brown slightly sandy CLAY.
		1.00	SPT	N=20 (2,2/2,5,5,8)	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.
		1.50	ES					
		1.70	SPT	50 (8,13/50 for 205mm)	1.60	23.78		Dense light brown fine to medium SAND.
					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

1 2 3 4 5 6 7 8 9 10

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

1 2 3 4 5 6 7 8 9 10

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				
		0.30	SPT	50 (25 for 25mm/50 for 25mm)	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	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

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 (2,3/2,4,3,3,4)				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 2.00	24.12 22.82		Brown slightly clayey fine to medium SAND. 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 / FI	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 / FI	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. *6.78m - 7.10m: NON-INTACT*
		6.50 - 7.50		61	40	31					
								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. *7.50m : 10° planar rough*
		~~7.50 - 8.50~~	C	80	80	70					*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 / FI	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: 25.91mbgl Orientation: ° Inclination: °	Scale 1:30
Client: BDW Trading		Dates: 07/02/2022 -	Logged By NG

Well	Water Strikes	Depth (m)	Type / FI	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: 25.91mbgl Orientation: ° Inclination: °	Scale 1:30
Client: BDW Trading		Dates: 07/02/2022 -	Logged By NG

Well	Water Strikes	Depth (m)	Type / FI	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		8.45	17.46		*8.10m - 8.27m: NON-INTACT* *8.40m - 8.45m: NON-INTACT* 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*
		10.00 - 12.00	0.6	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 11.50	14.46 14.41		No Recovery *11.45m - 11.50m: No Recovery*
								12.00	13.91		Weak to moderately strong reddish

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: 25.91mbgl Orientation: ° Inclination: °	Scale 1:30
Client: BDW Trading		Dates: 07/02/2022 -	Logged By NG

Well	Water Strikes	Depth (m)	Type / FI	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 / FI	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 (1,0/1,0,1,1,0)				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)				
		~~5.00~~	~~C~~				50 (25 for 60mm/50 for 45mm)	4.70	20.82		Weak reddish brown fine to medium grained SANDSTONE. Recovered as fine to coarse angular to subrounded GRAVEL.
		5.00 - 5.15 5.00 - 6.50	SPD					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 / FI	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	C	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

7 8 9 10 11 12

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 Level:	Date 11/11/2023
Location: Kirkby		Dimensions (m): 2.10 x 0.90 Depth 0.85	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
				0.15			MADE GROUND: Asphalt and Macadam.
	0.50 0.60	B ES					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).
				0.85			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

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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 Level:	Date 11/11/2023
Location: Kirkby		Dimensions (m): 1.00 × 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	0.70	ES		0.10			MADE GROUND: Asphalt and Macadam.
				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).
				1.20			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).
	1.80	ES					Firm dark greyish brown mottled light brown slightly silty very sandy CLAY.
				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 Level:	Date 11/11/2023
Location: Kirkby		Dimensions (m): 1.90 × 0.80 Depth 2.80	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.
	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 x 0.80 Depth 1.90	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			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

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Trial Pit Photographs



TP206 Pit



TP206 Arisings

Remarks: 1. Complete. 2. Slight hydrocarbon odour encountered from 0.25-0.60mbgl.

Stability: Stable

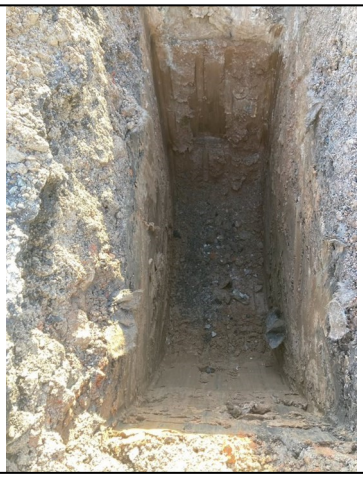
Trial Pit Log

			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 Level:	Date 11/11/2023
Location: Kirkby		Dimensions (m): 1.70 x 0.70 Depth 2.00	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	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

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 × 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

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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): Depth 2.50 (1.70 × 0.70)	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

1 2 3 4

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	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20			MADE GROUND: Asphalt and Macadam.
							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.
	1.20	ES		1.30			Stiff reddish brown slightly sandy gravelly CLAY. Gravel is fine to coarse, subangular to rounded of sandstone and mudstone.
	1.60	HVP	141				
	2.00	ES					
	2.00	HVP	131	2.20			End of Pit at 2.20m

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

1 2 3 4 5 6 7 8 9 10

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 3.10	SPT ES	50 (5,8/50 for 290mm)				
					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 1.50 - 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

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			
					3.20			Very Stiff very high strength brown slightly sandy gravelly CLAY. Gravel is fine to coarse, angular to rounded of mudstone and sandstone.
					3.44			Dense reddish brown slightly clayey fine to medium SAND.
								End of Borehole at 3.44m

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		

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
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**		

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
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										

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
		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										

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
		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										

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
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	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
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		

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
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: 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
	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	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
		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		
		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		
WS124	1.00 - 4.00	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		
		30	1006		0.1	0.1	2.1	16.8	0	0		
		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		
WS125	0.50 - 1.00	330									1	0.55
		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		
		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		
WS126	0.60 - 1.60	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:	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										

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
		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		
		30	1019		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	19.7	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		
	0.50 - 3.90	300				0.1	0.1	19.7	0	0		
WS133		330									1.65	0.92
		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		
		30	1019		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		
		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		
	0.50 - 3.00	300				0.1	0.1	19.7	0	0		
WS135		330									1.45	0.55
		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		
		30	1020		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	19.8	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		
	0.50 - 3.50	300				0.1	0.1	19.7	0	0		
WS136		330									3.15	1.6
		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										

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
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		
	0.50 - 2.50	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		
		300				0.1	0.1	18.8	0	0		

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		

Site:	Cherryfield Drive, Kirkby			**Visit Number:**		3	
				Date:		21/03/2022	
Job Number:	15280			**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	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
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		

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
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	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
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:**		**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		

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
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		
	0.50 - 2.50	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		
		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	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
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		

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		

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
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		
	0.50 - 2.50	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		
		300			0.1	0.1	0.1	18.7	0	0		

e3p	Site: Cherryfield Drive, Kirkby			Visit Number:	10	
	Job Number: 15280			Date:	5/07/2022	
				Weather:	Overcast	
				Temperature:	14-18	(°C)
	Drafted: SK	Rev: PW	Auth:	Start Time:	7:25:00 AM	Start Pressure: 1018
				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		
		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		
	0.50 - 2.50	300			0.1	0.1	0.1	20.8	0	0		

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	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
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		
		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		
	0.50 - 2.50	300			0.1	0.1	0.1	20.6	0	0		

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
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	Time	Gas								Well details	
			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		

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
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		
	0.50 - 2.50	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		
		300				0.1	0.1	20.7	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
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		
		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		
	0.50 - 2.50	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		

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		

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
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		
		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		
	0.50 - 2.50	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		

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
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		
	0.50 - 2.50	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		
		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		

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		
	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
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		
		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		
	0.50 - 2.50	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		

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
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		
	0.50 - 2.50	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		
		300			0.1	0.1	1.5	18.8	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
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		

e3p

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		

e3p	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		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		

e3p

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		
	1.00 - 2.50	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		
		300			0.1	0.1	0.1	18.1	0	0		

e3p	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		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		

e3p

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		
	1.00 - 2.50	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		
		300			0.1	0.1	0.1	11.2	0	0		

e3p	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		

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
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		
	1.00 - 2.50	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		
		300			0.1	0.1	0.1	9.2	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
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		
	1.00 - 2.50	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		
		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		

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
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		
	1.00 - 2.50	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		
		300			0.1	0.1	0.1	14.2	0	0		

Site:	Cherryfield Drive			**Visit Number:**		7	
				Date:		23/02/2024	
Job Number:	15-280			**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		
	1.00 - 2.50	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		
		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		
	1.00 - 2.50	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		
		300			0.1	0.1	0.1	8.2	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
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		

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
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		

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		

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		

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
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		
	1.00 - 2.50	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		
		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		
	1.00 - 2.50	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		
		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		

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		

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		

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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		

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		
	1.00 - 2.50	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		
		300			0.1	0.1	0.4	1.9	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:**		**Start Pressure:**		
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		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		

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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		

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		

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
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		
		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		
	1.00 - 2.50	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:**		**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		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		
	1.00 - 2.50	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		
		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		

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
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		
	1.00 - 2.50	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		
		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		
	1.00 - 2.50	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		
		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		
	1.00 - 2.50	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		
		300			0.1	0.1	0.1	10.4	0	0		

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		

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		

APPENDIX VI
GAS MONITOR CALIBRATION CERTIFICATES



TEST DATE AND CONDITIONS		
Date	09/09/2021	
Atmospheric Pressure	989	mB
Ambient Temperature	21.9	°C
Environics Serial No.	5089	

GAS DATA LTD
Unit 4, Fairfield Court
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CV3 4LJ
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GFM436 Final Inspection & Calibration Check Certificate

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	60	39.6	40	20.9	20.9
	Accept ±3.0		*Accept ±3.0*		*Accept ±0.5*	
	5	5	5	5	6	6
	Accept ±0.3		*Accept ±0.3*		*Accept ±0.3*	
Zero Reading 100% N2	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*	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 °C	Instrument Temperature Reading °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.

Gas Data Ltd is certified to BS EN ISO9001:2015. Certificate NQA 8374. Valid until 21/03/2022

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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Coventry
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	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 / 89-10	22220.

Calibration Technician ..... **DATE** 27/10/21

Inspection Technician ..... **DATE** 28/10/21

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 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)	N/A	AC Battery Charger (AUS)		X
	Battery Charge Test	P	Gas Sample Pipe		✓
	Service Date set to?	27/10/22	Hard Carry Case		✓
Channel Tests	Data Logging Enabled?	P	Spares Pot		✓
	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		✓
	Verify LEL	P	USB Memory Stick		✓
	Verify 1st Option gas	N/A.	SM V5 Software	Ver 6.005	✓
	Verify atmospheric pressure	P	Internal Filter Pack	Qty	✓
	Verify differential pressure	P	External Filter Pack	Qty	✓
	Verify flow	P	Field Guide		✓
	Verify temperature probe input	P	Extra Items:		
	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	10750.	Comments		
	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			

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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GFM436 Final Inspection & Calibration Check Certificate

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)*			
			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*	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.

Gas Data Ltd is certified to BS EN ISO9001:2015, BS EN ISO14001:2015, BS EN ISO45001:2018.

TEST DATE AND CONDITIONS		
Date	04/12/2023	
Atmospheric Pressure	977	mB
Ambient Temperature	21.2	°C
Environics Serial No.	5089	

GFM436 Final Inspection & Calibration Check Certificate

GAS DATA LTD

Unit D

Earlplace Business Park

Fletchamstead Highway

Coventry

CV4 9XL

Tel 02476303311 Fax 02476307711

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	
Sensor	Instrument Gas Readings %	True Gas Value %	Instrument Gas Readings %	True Gas Value %	Instrument Gas Readings %	True Gas Value %
	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)*			
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*	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 Applied Temperature °C	Instrument Temperature Reading °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	16/11/2022	
Atmospheric Pressure	971	mB
Ambient Temperature	20.9	°C
Environics Serial No.	5089	

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GFM436 Final Inspection & Calibration Check Certificate

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 *Accept ±3.0*	60	40.0 *Accept ±3.0*	40	20.9 *Accept ±0.5*	20.9
	5.1 *Accept ±0.3*	5	5.1 *Accept ±0.3*	5	6.0 *Accept ±0.3*	6
Zero Reading 100% N2	0.0 *Accept ±0.0*	0	0.0 *Accept ±0.0*	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*

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 GFM436-29/10	123669

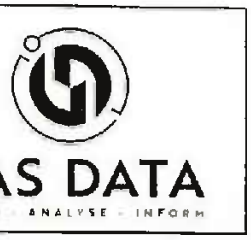
Calibration Technician ..... **Date** 16.11.22

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	27/10/21
Atmospheric pressure	1002mb
Ambient Temp	23.2°C
Environics Serial No.	2633

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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	06/12/23
Atmospheric pressure	996mb
Ambient Temp	20.2°C
Environics Serial No.	2633

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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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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 V 29.10	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:		
DataBase Checks	Jobcard(s) completed and signed	P	SERVICE SPARES		
	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			