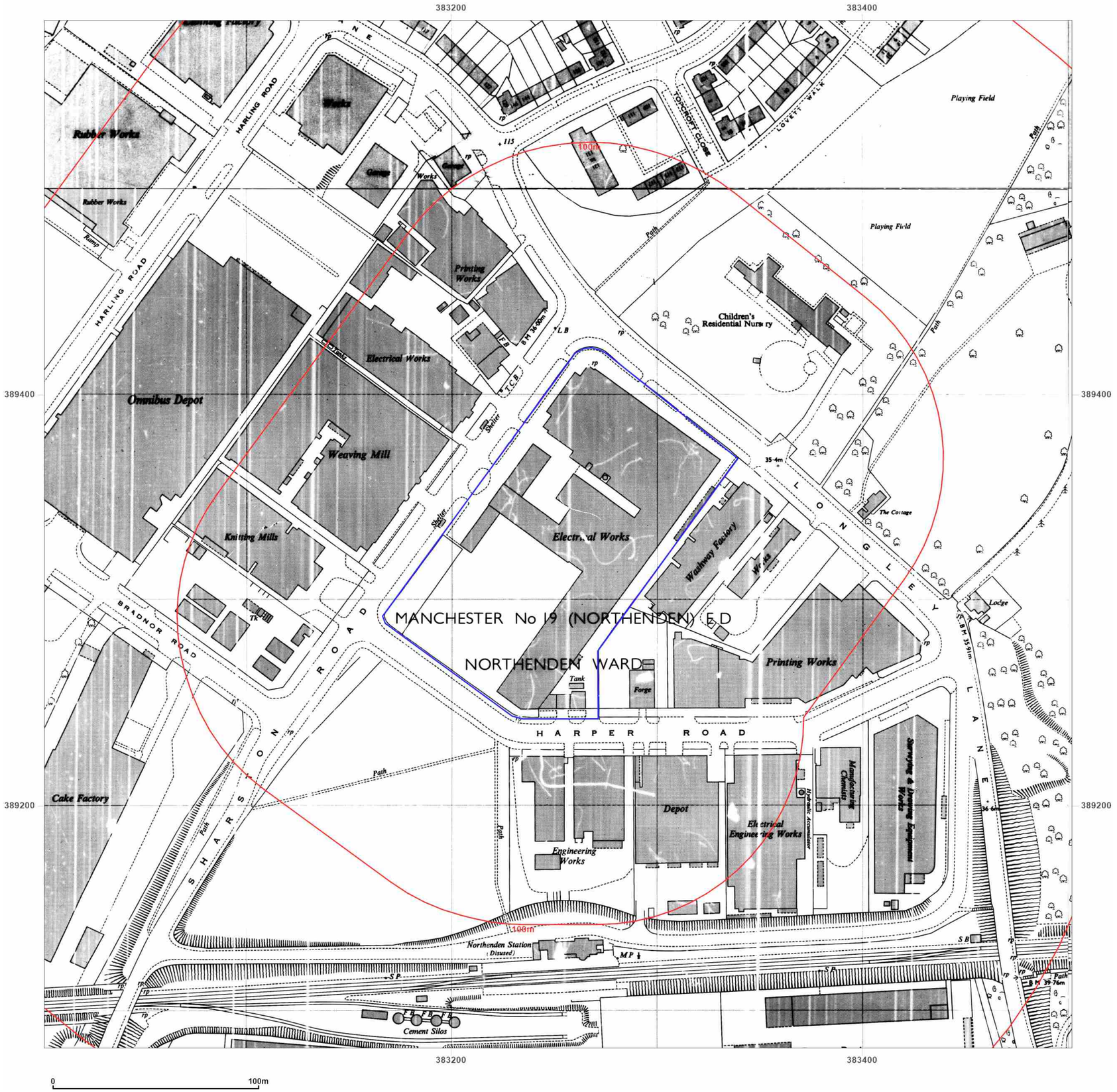


Groundsure INSIGHTS

Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: National Grid

Map date: **1975-1976**

Scale: 1:1,250

Printed at: 1:2,000

N
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Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised N/A
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Copyright N/A
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

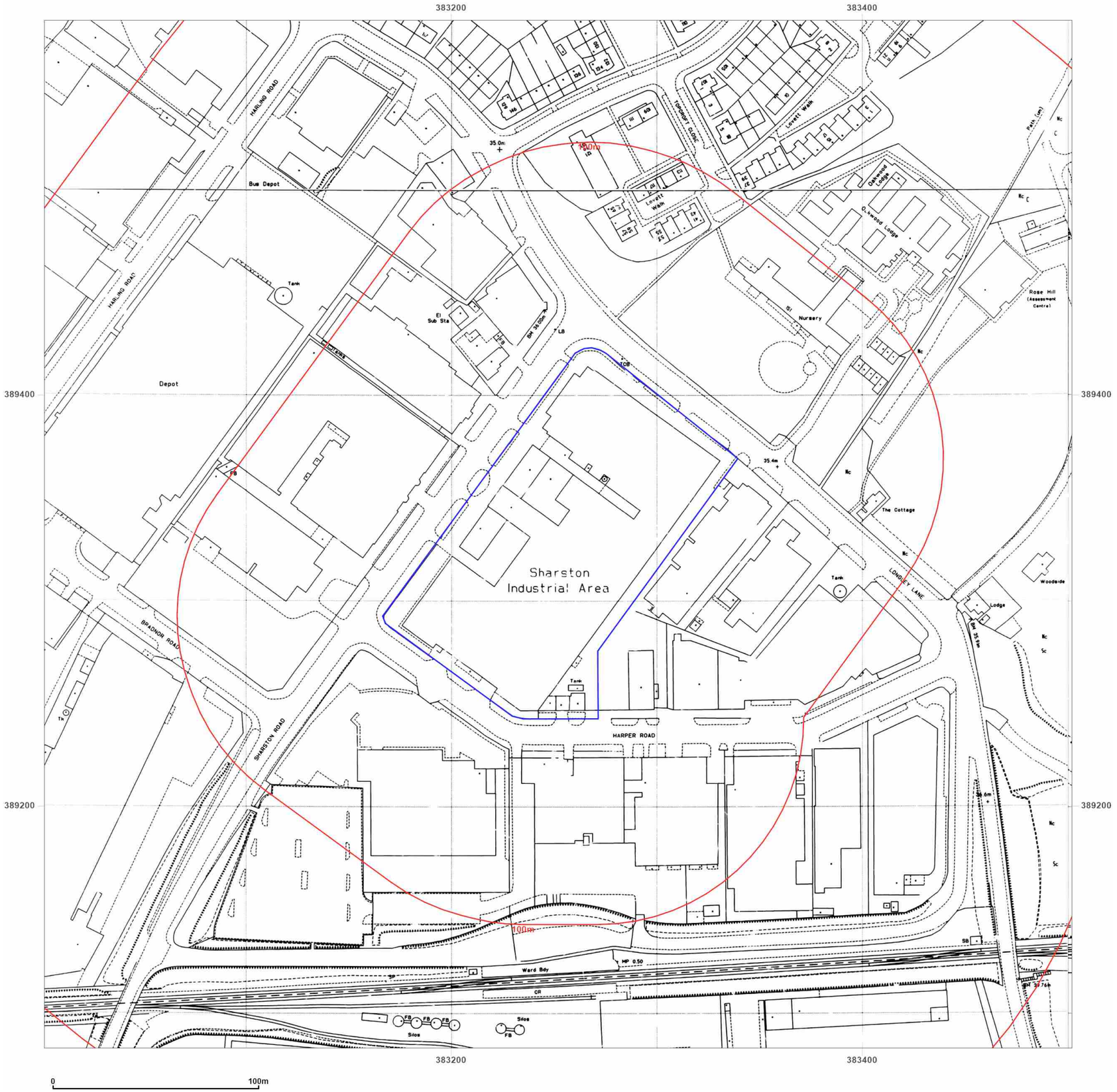
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Groundsure INSIGHTS

Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: National Grid

Map date: **1992**

Scale: 1:1,250

Printed at: 1:2,000

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W E
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Surveyed N/A Revised N/A Edition N/A Copyright 1992 Levelled N/A	Surveyed N/A Revised N/A Edition N/A Copyright 1992 Levelled N/A
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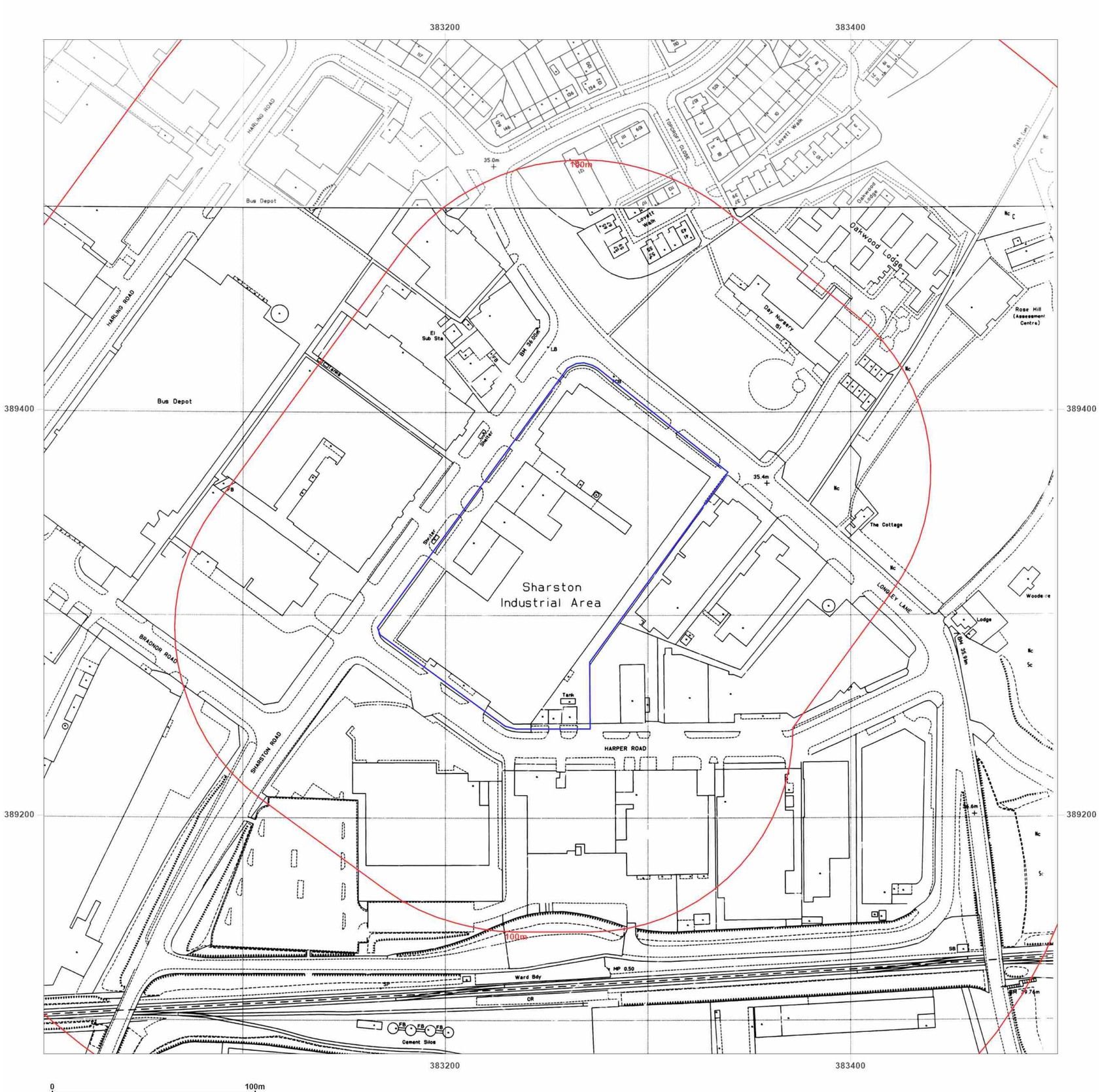
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Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: National Grid

Map date: **1992**

Scale: 1:1,250

Printed at: 1:2,000

N
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Surveyed 1992
Revised 1992
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1992
Levelled N/A

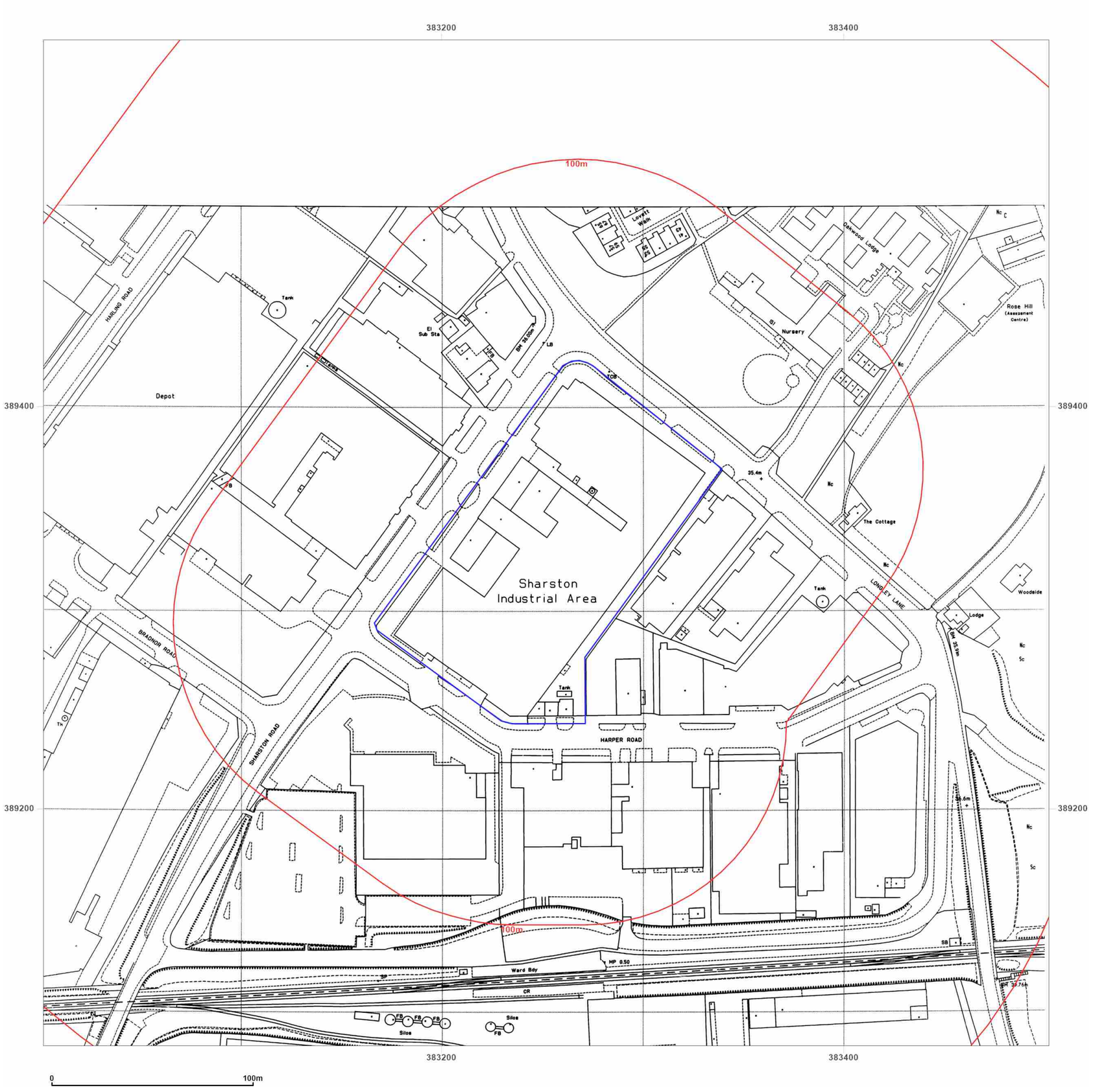
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Groundsure INSIGHTS

Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: National Grid

Map date: **1992**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed N/A
Revised N/A
Edition N/A
Copyright 1992
Levelled N/A

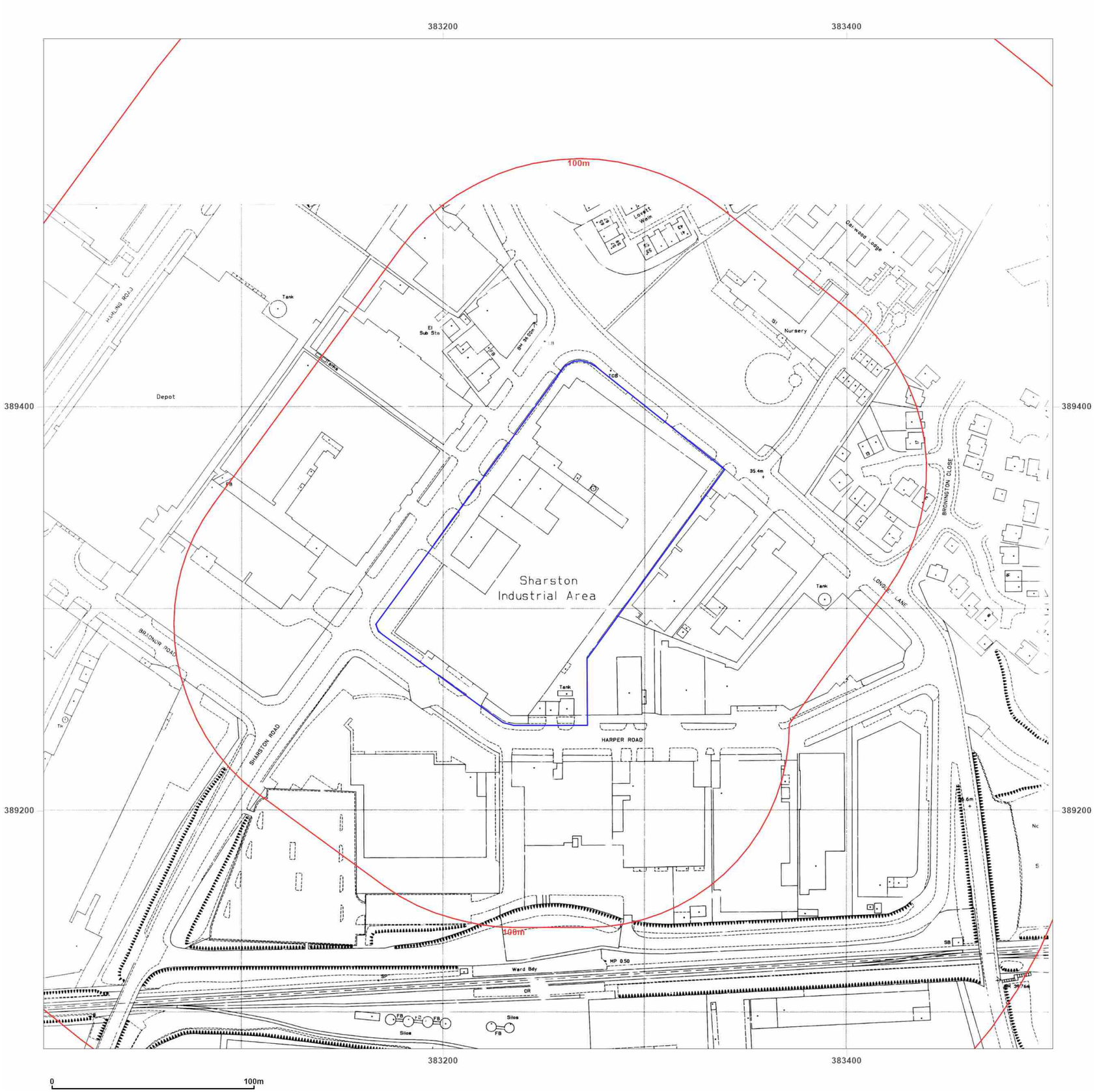
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Groundsure INSIGHTS

Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: National Grid

Map date: **1995**

Scale: 1:1,250

Printed at: 1:2,000

N
W E
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Surveyed N/A
Revised N/A
Edition N/A
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Levelled N/A

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Groundsure INSIGHTS

Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: National Grid

Map date: **1995**

Scale: 1:1,250

Printed at: 1:2,000

N
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Surveyed 1995
Revised 1995
Edition N/A
Copyright 1995
Levelled N/A

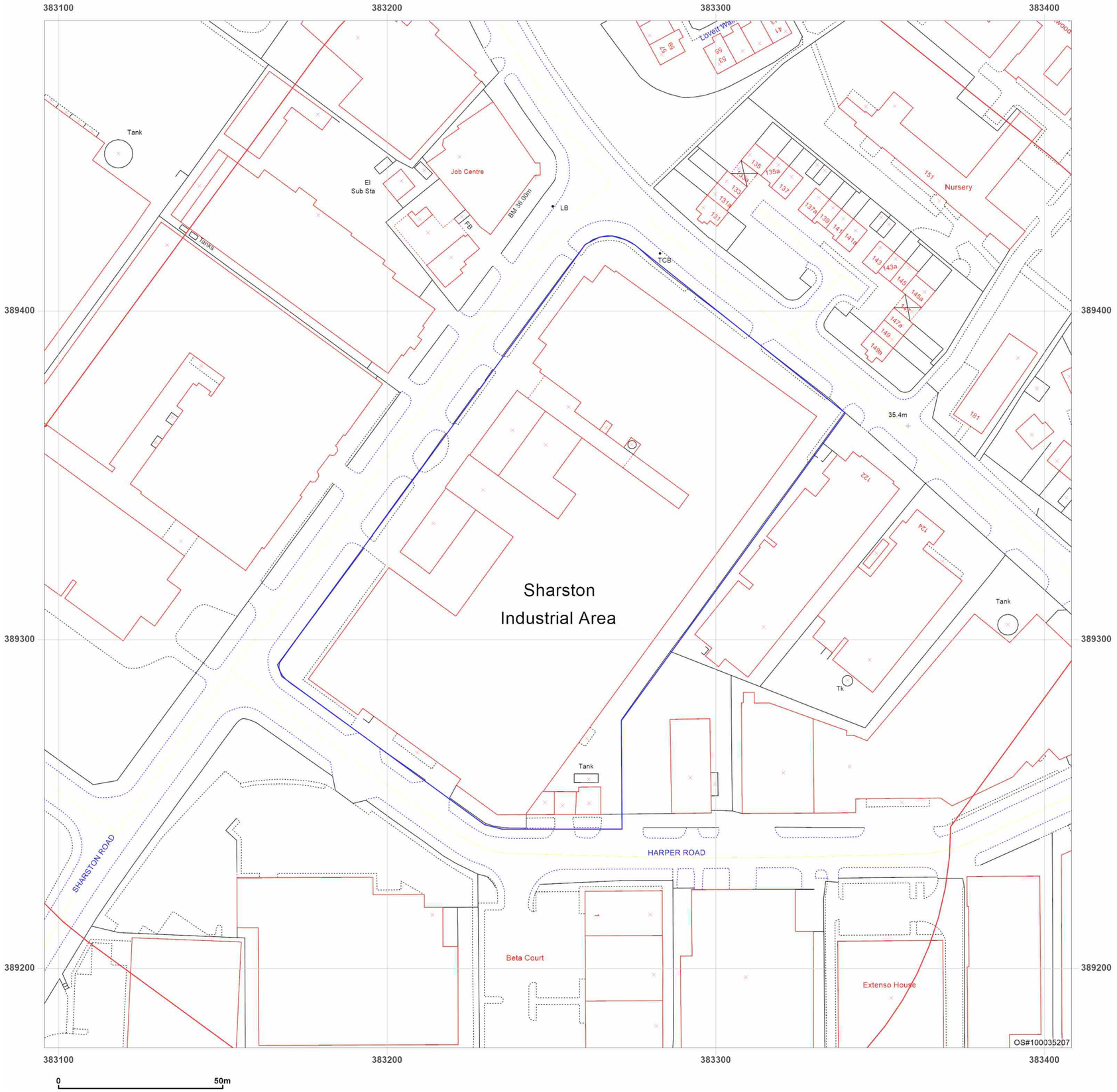
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Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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2003

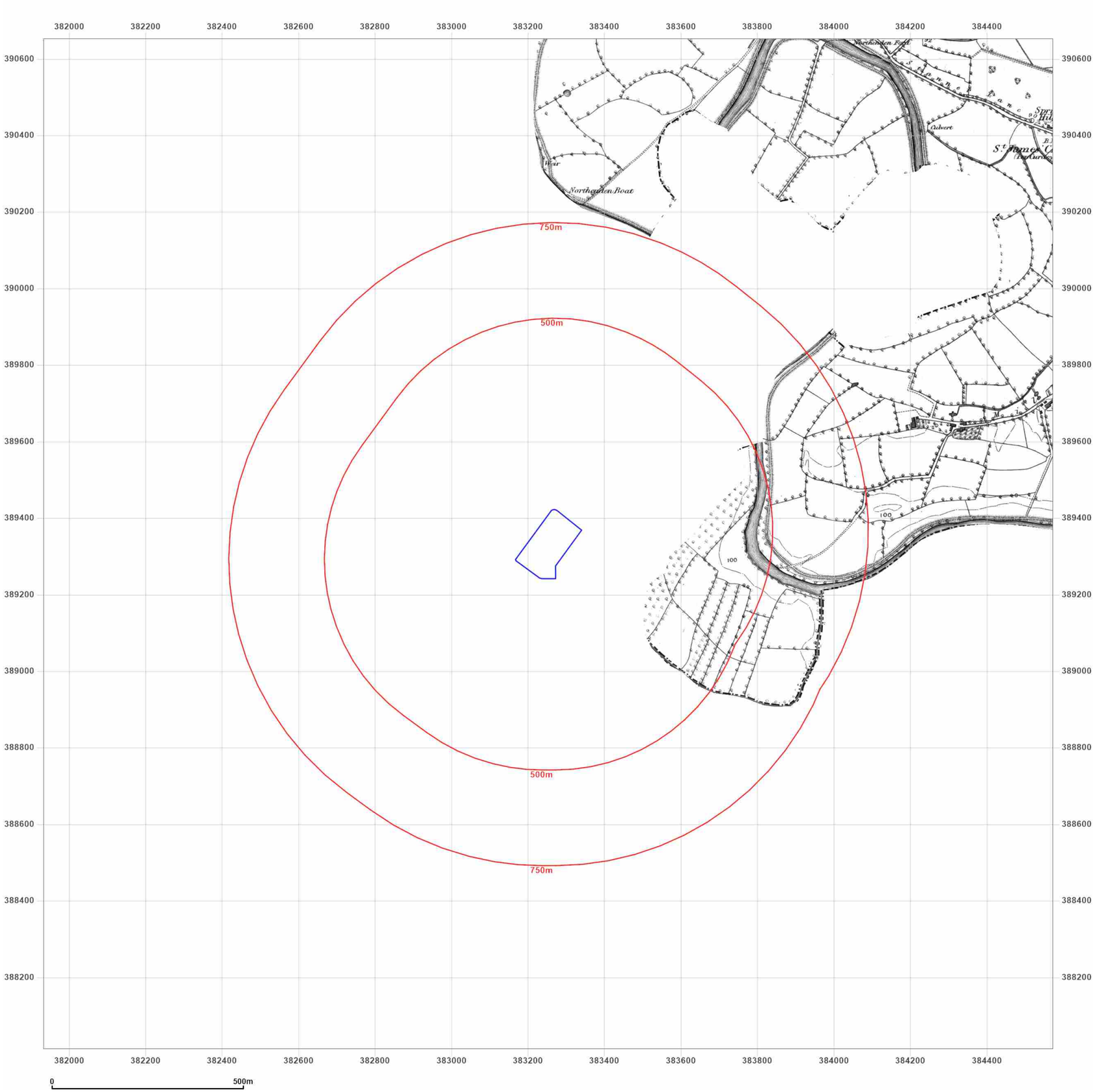
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Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: County Series

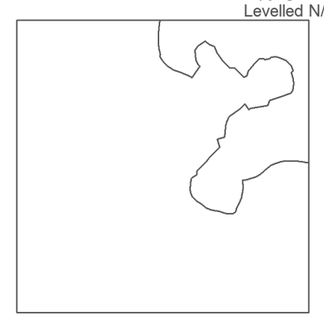
Map date: **1849**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1845
Revised 1849
Edition 1848
Copyright N/A
Levelled N/A



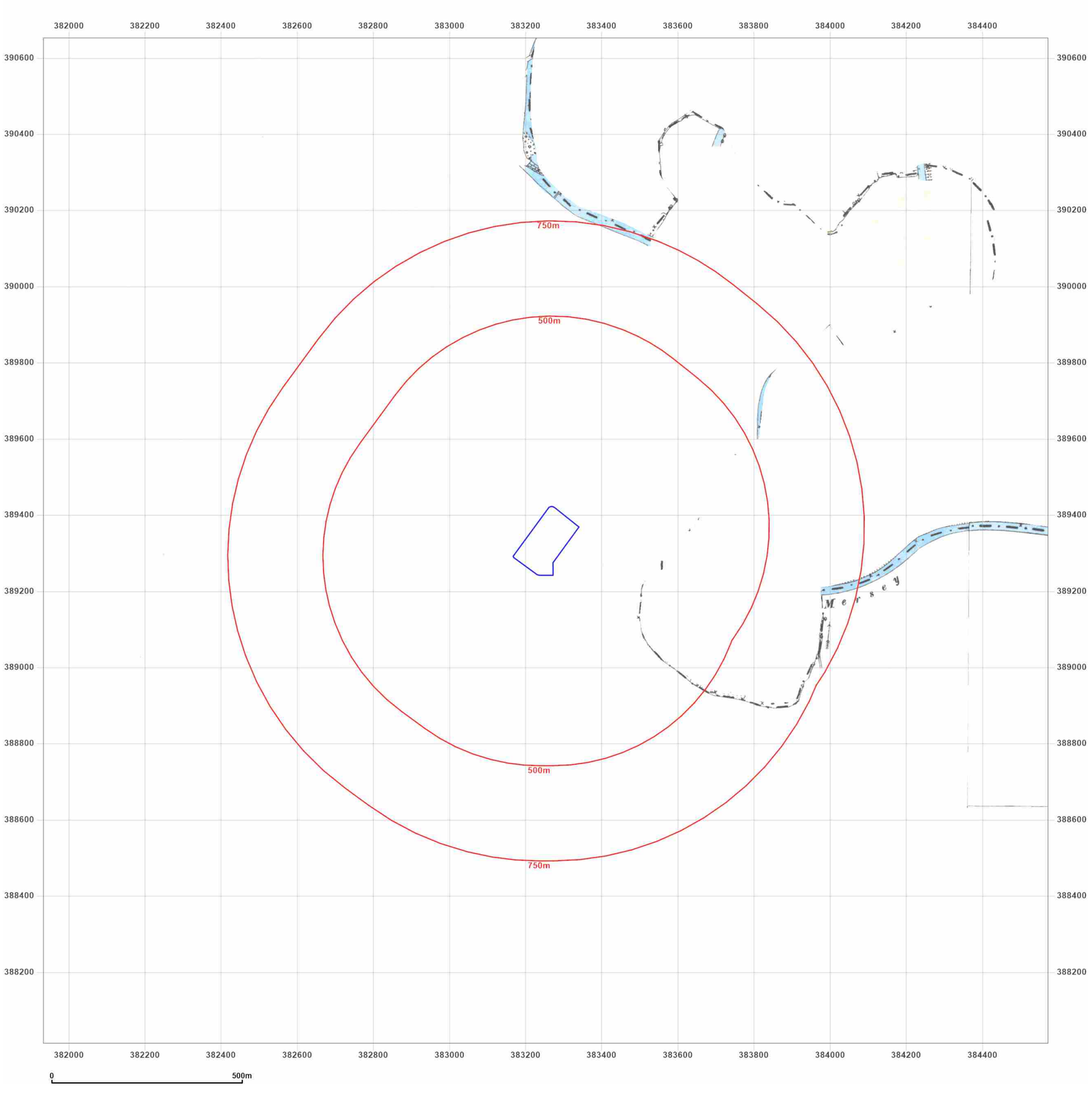
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Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

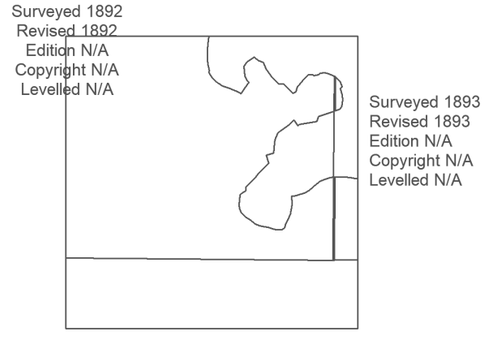
Map Name: County Series

Map date: **1892-1893**

Scale: 1:10,560

Printed at: 1:10,560

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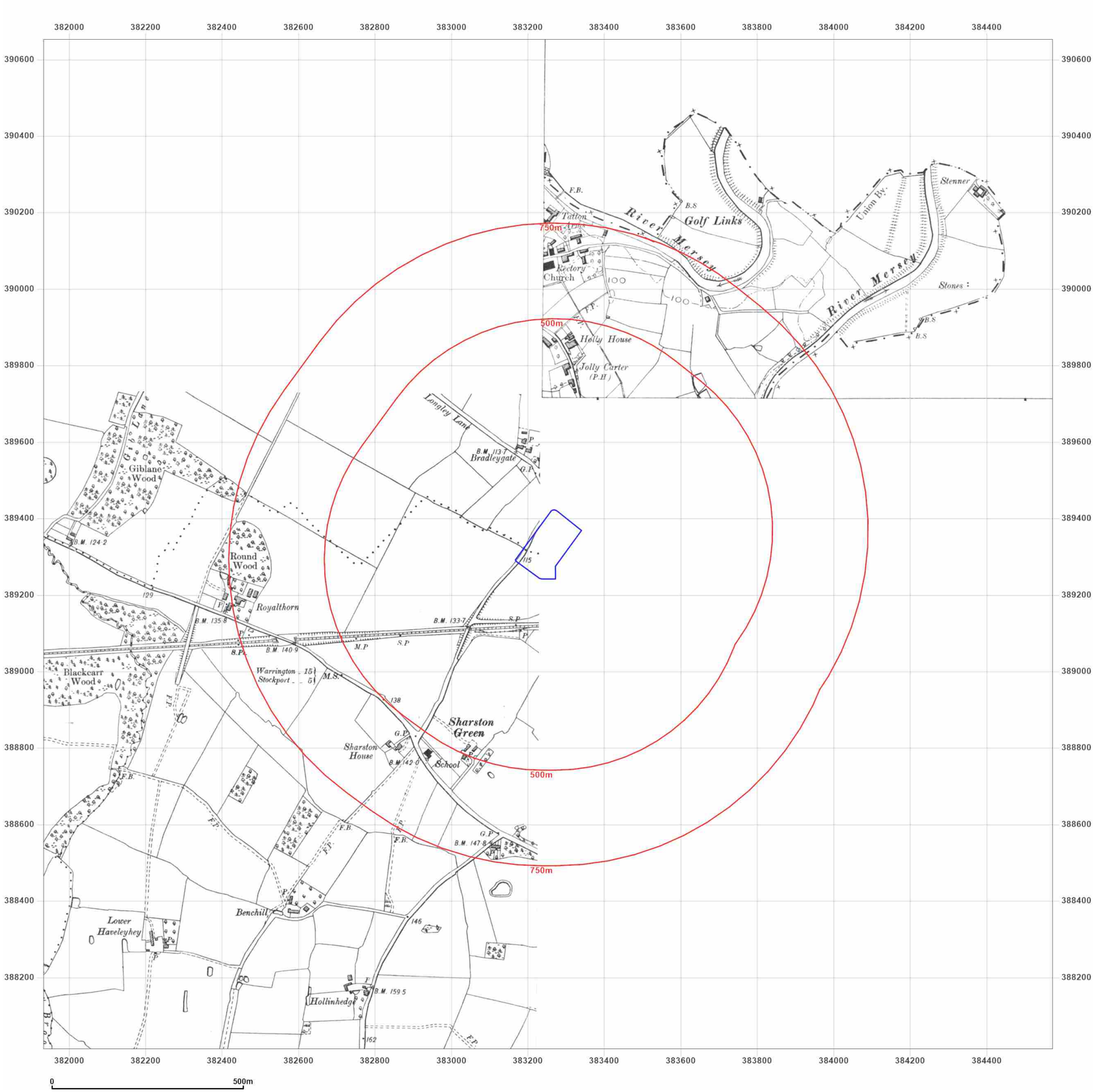
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Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: County Series

Map date: **1897**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
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Surveyed 1872
Revised 1897
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1876
Revised 1897
Edition N/A
Copyright N/A
Levelled N/A

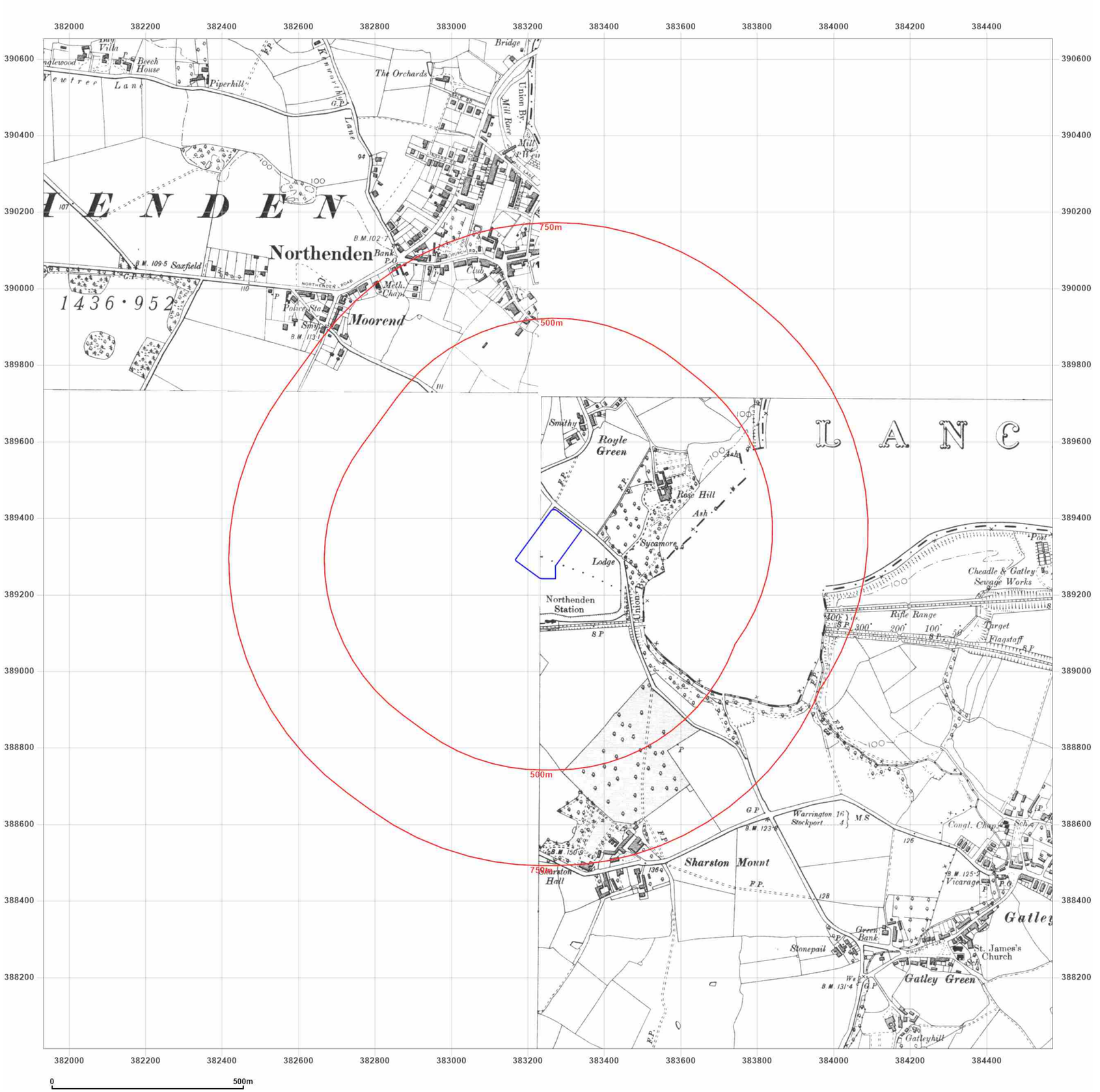
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Groundsure INSIGHTS

Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: County Series

Map date: **1897**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1876
Revised 1897
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1872
Revised 1897
Edition N/A
Copyright N/A
Levelled N/A

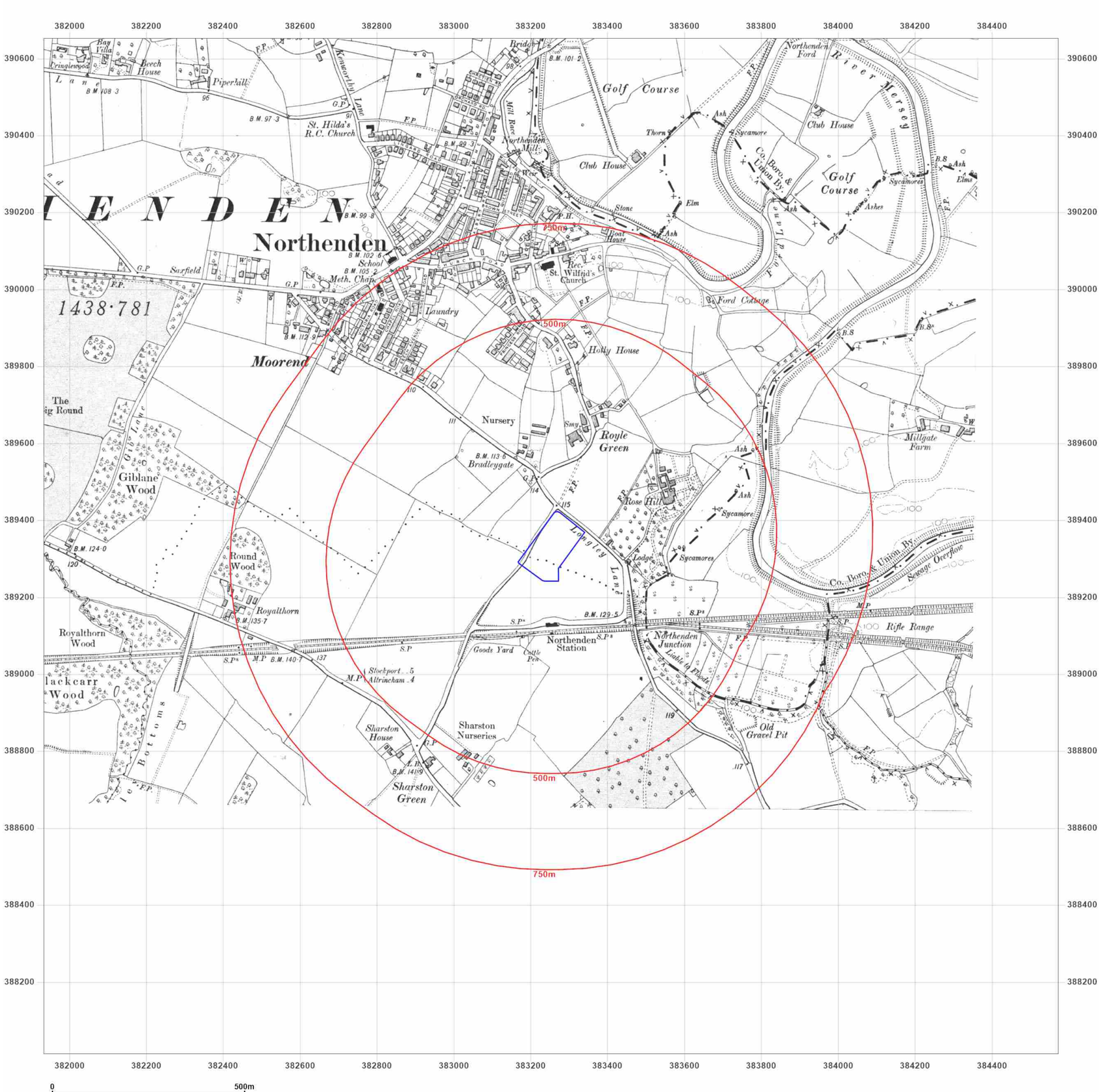
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Groundsure INSIGHTS

Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: County Series

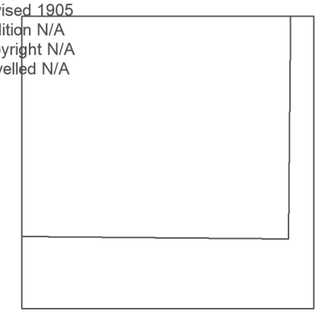
Map date: **1905**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1844
Revised 1905
Edition N/A
Copyright N/A
Levelled N/A



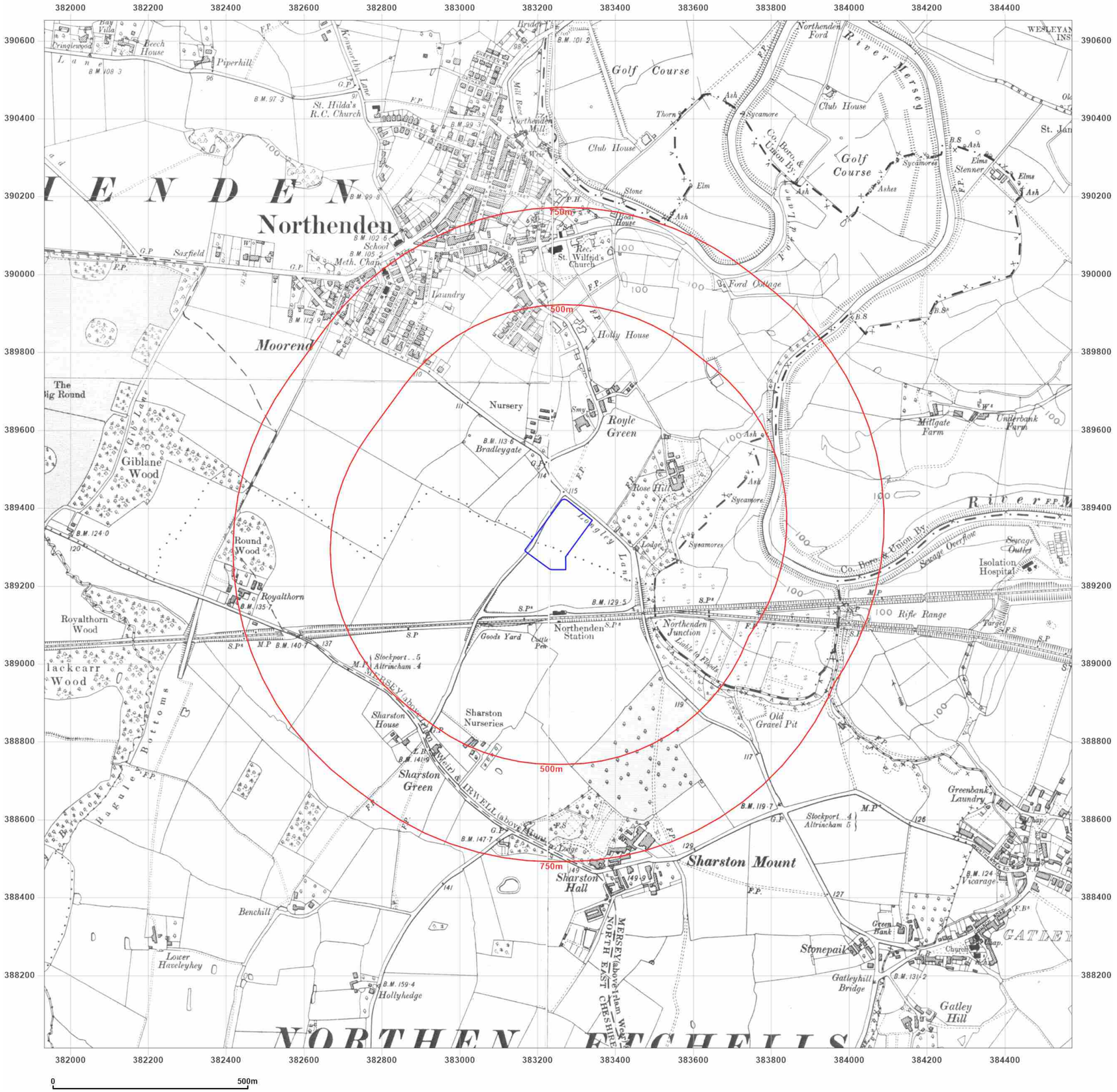
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Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: County Series

Map date: **1907-1911**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1873
Revised 1908
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1872
Revised 1911
Edition 1911
Copyright N/A
Levelled N/A

Surveyed 1873
Revised 1907
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1872
Revised 1908
Edition N/A
Copyright N/A
Levelled N/A

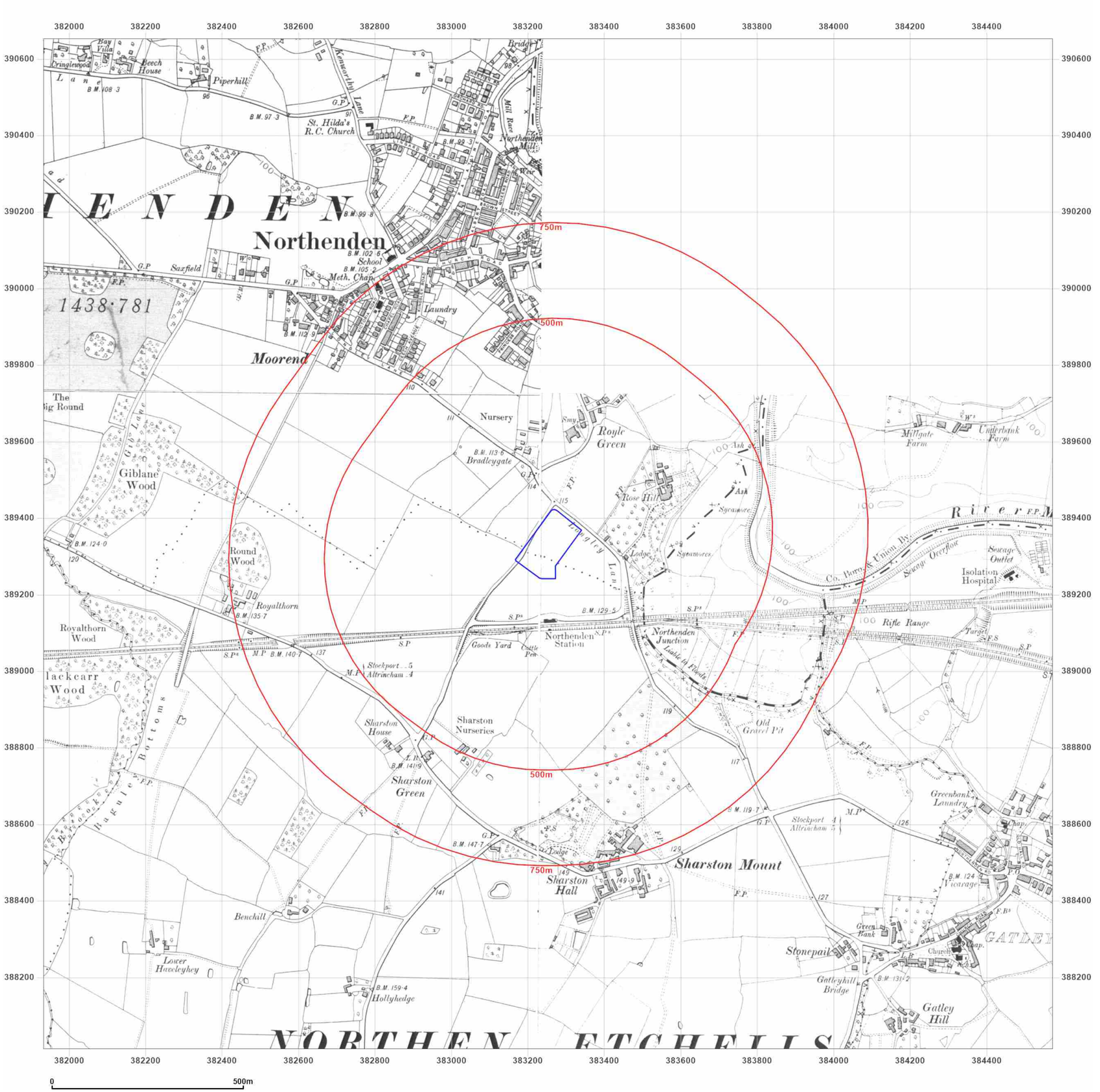
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Groundsure INSIGHTS

Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: County Series

Map date: **1907-1911**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1873
Revised 1911
Edition 1911
Copyright N/A
Levelled N/A

Surveyed 1873
Revised 1907
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1872
Revised 1911
Edition 1911
Copyright N/A
Levelled N/A

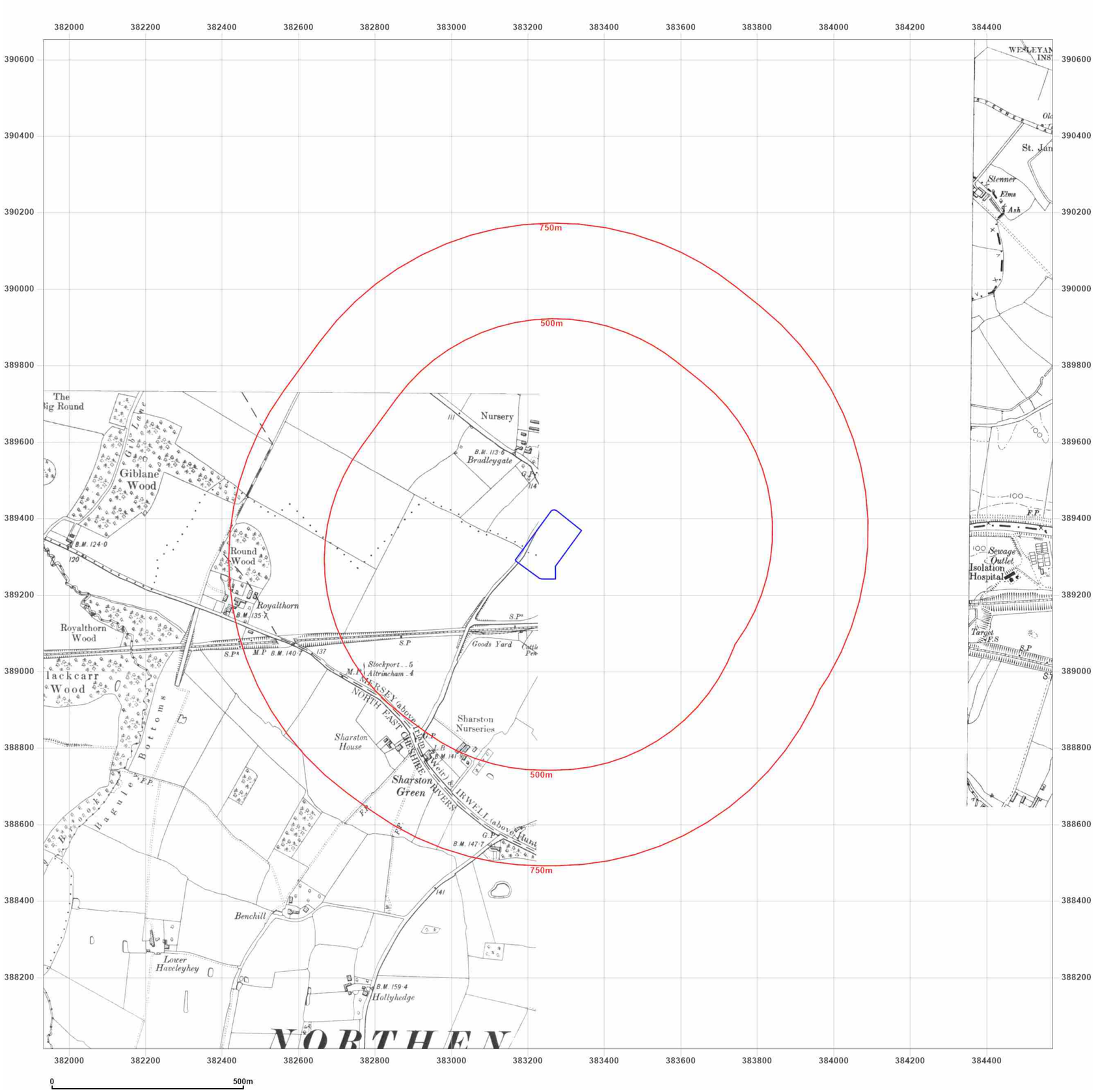
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Groundsure INSIGHTS

Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

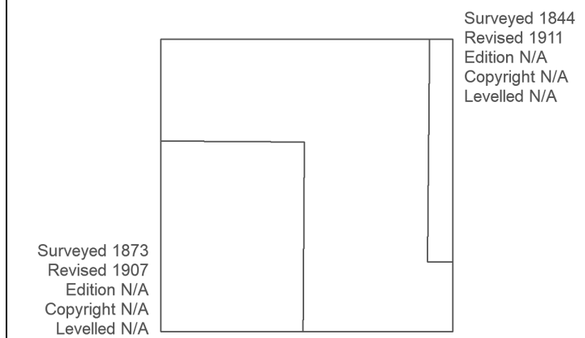
Map Name: County Series

Map date: **1907-1911**

Scale: 1:10,560

Printed at: 1:10,560

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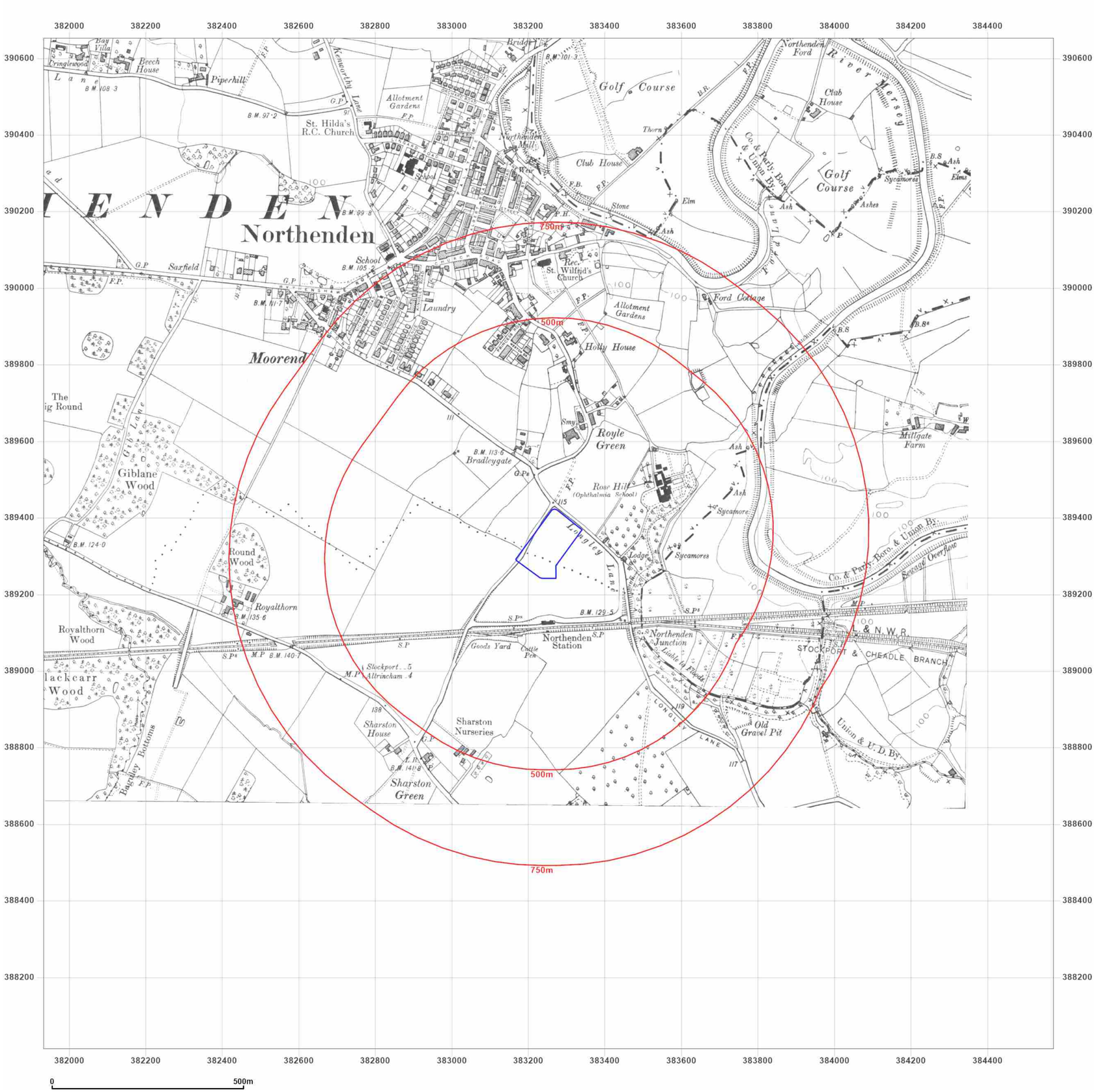
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Groundsure INSIGHTS

Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: County Series

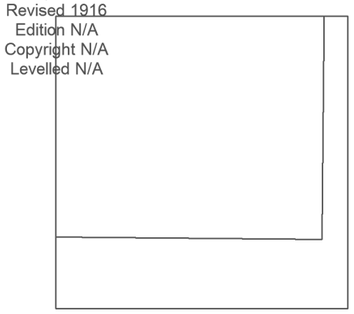
Map date: **1916**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1844
Revised 1916
Edition N/A
Copyright N/A
Levelled N/A



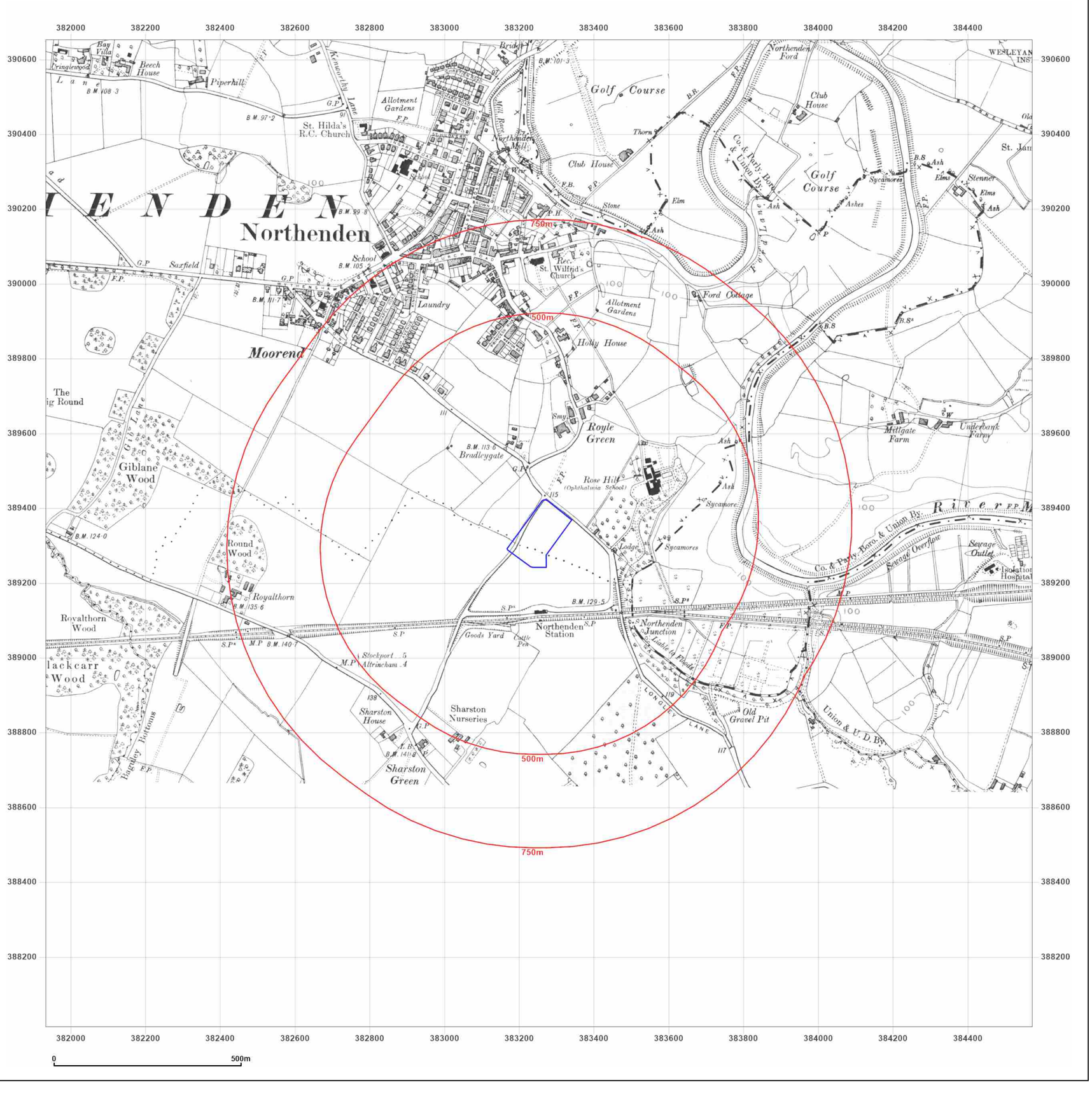
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Groundsure INSIGHTS

Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: County Series

Map date: **1923**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1844
Revised 1923
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1844
Revised 1923
Edition N/A
Copyright N/A
Levelled N/A

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Groundsure INSIGHTS

Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

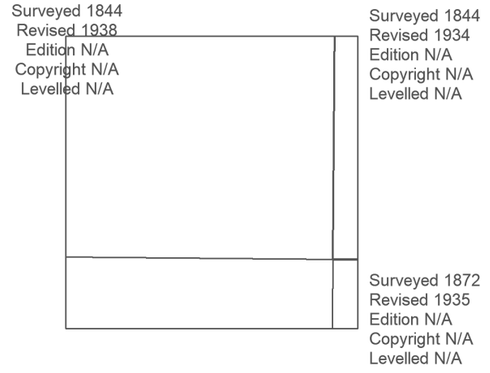
Map Name: County Series

Map date: **1934-1938**

Scale: 1:10,560

Printed at: 1:10,560

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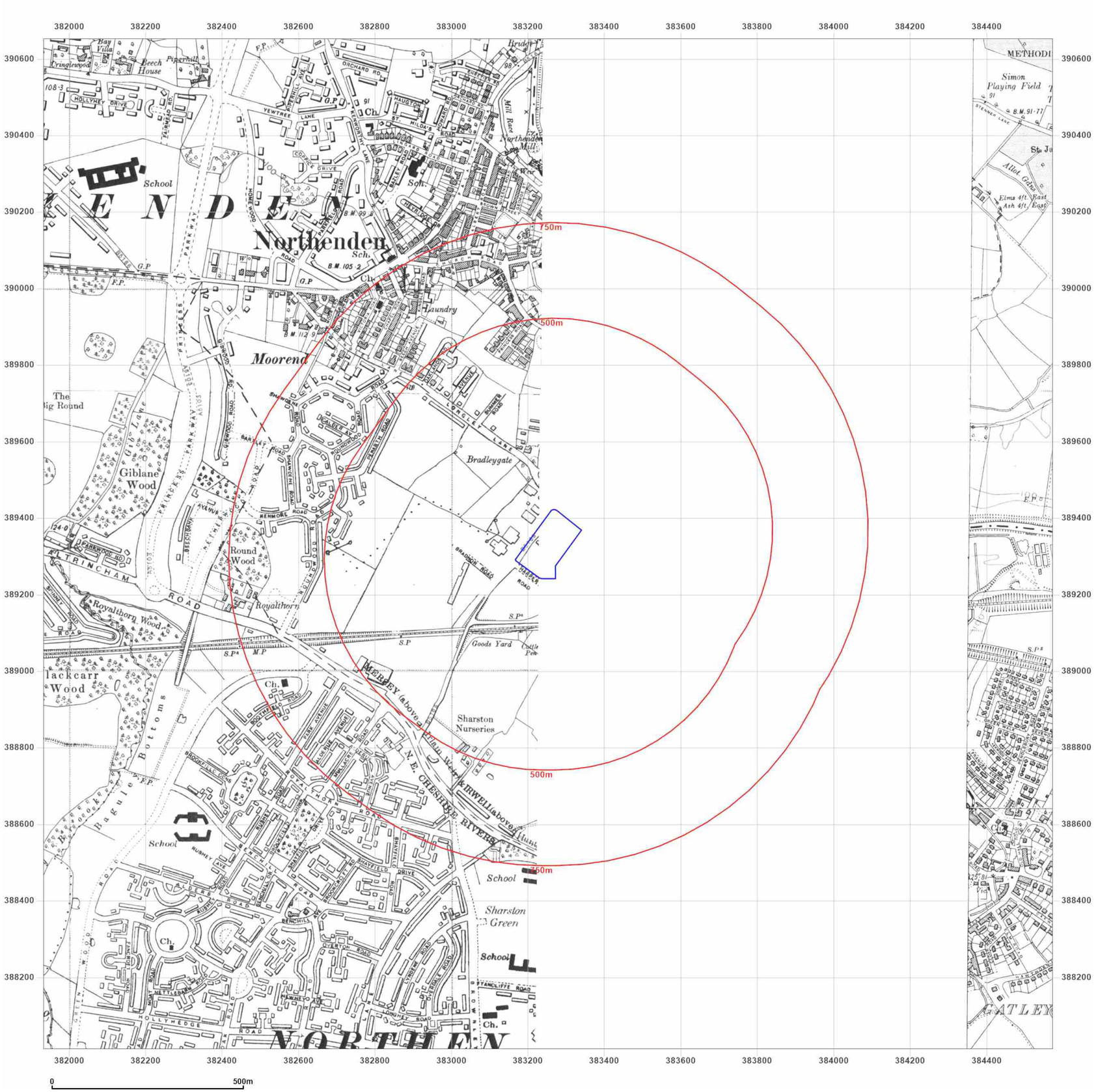
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Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
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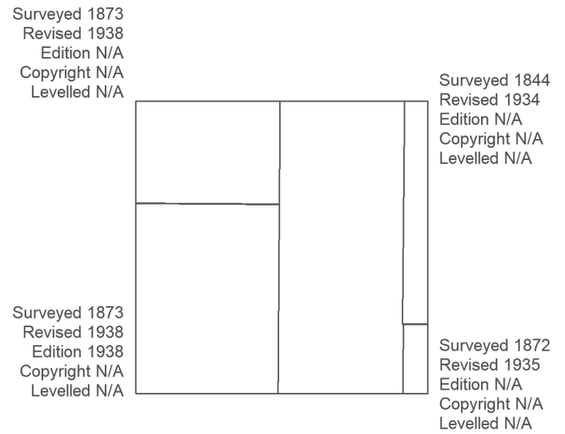
Map Name: County Series

Map date: **1934-1938**

Scale: 1:10,560

Printed at: 1:10,560

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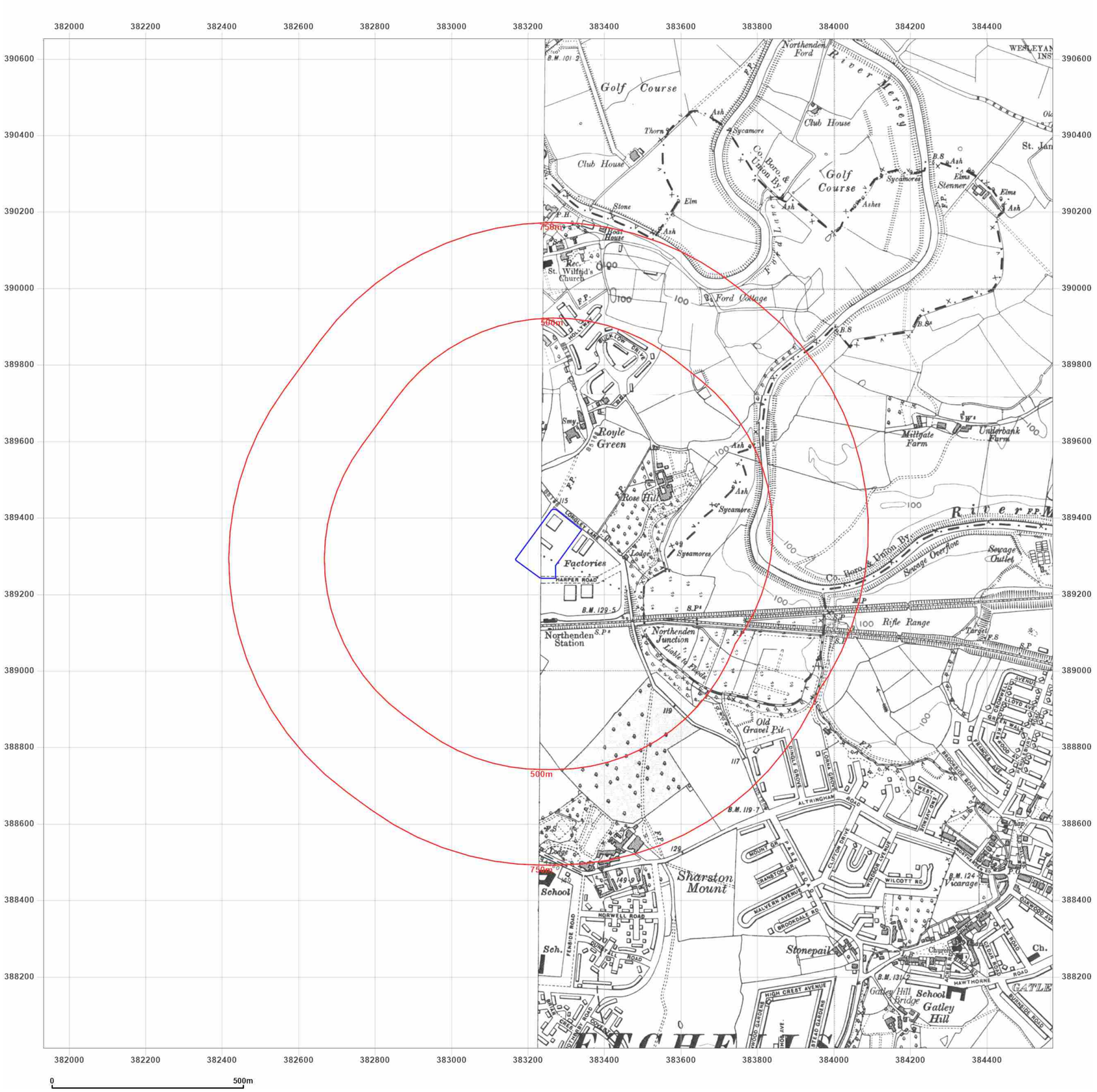
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Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

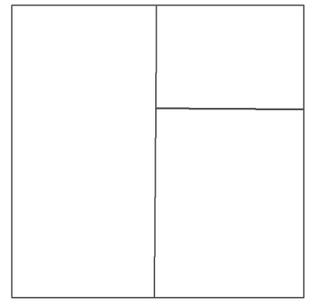
Map Name: County Series

Map date: **1938**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1872
Revised 1938
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1872
Revised 1938
Edition N/A
Copyright N/A
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Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: Provisional

Map date: **1954-1955**

Scale: 1:10,560

Printed at: 1:10,560

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Surveyed N/A
Revised 1955
Edition 1955
Copyright N/A
Levelled N/A

Surveyed 1949
Revised 1954
Edition N/A
Copyright N/A
Levelled N/A

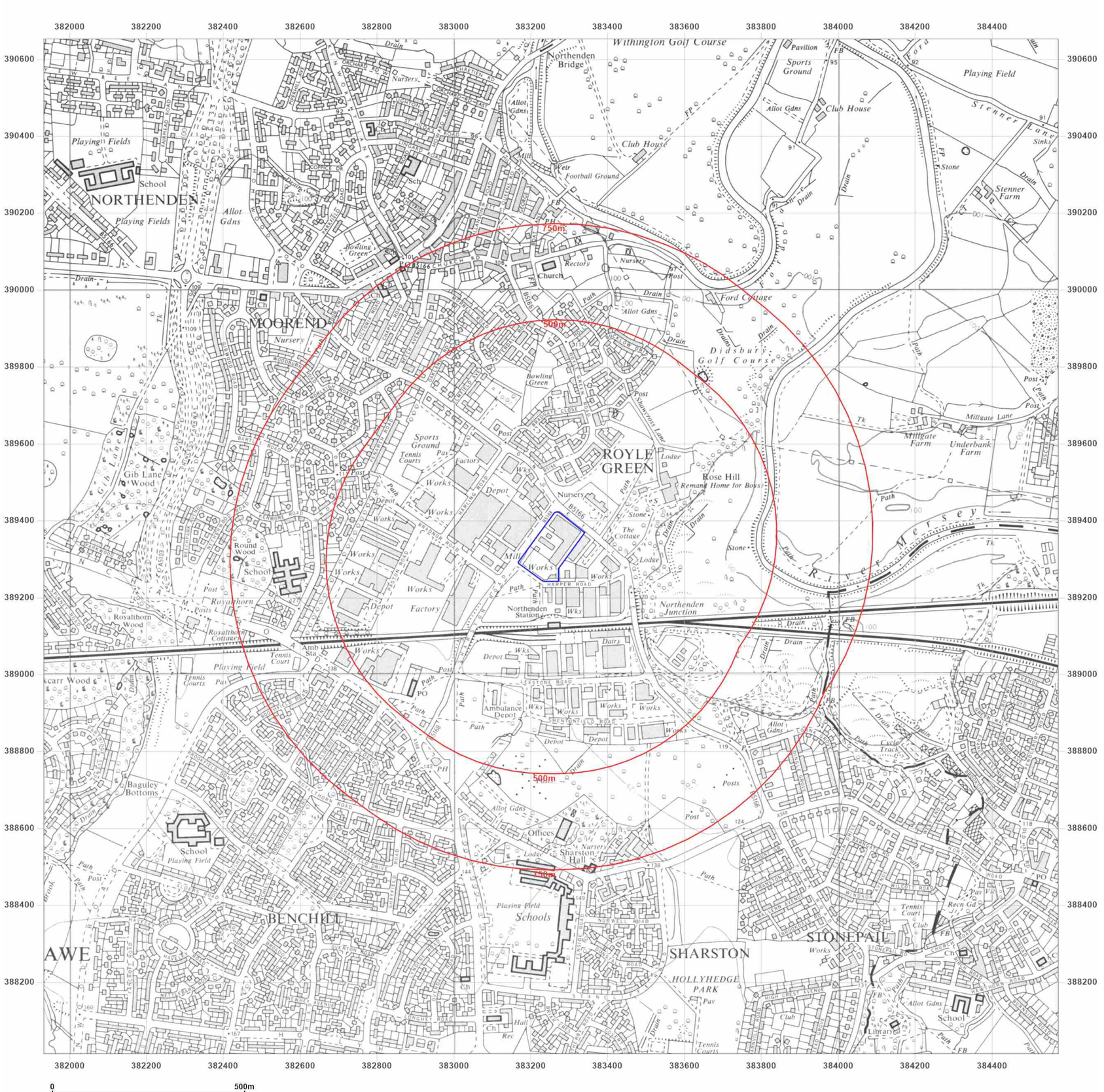
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Groundsure INSIGHTS

Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: Provisional

Map date: **1966-1967**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1966
Revised 1966
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1967
Revised 1967
Edition N/A
Copyright N/A
Levelled N/A

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Groundsure INSIGHTS

Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: National Grid

Map date: **1977-1981**

Scale: 1:10,000

Printed at: 1:10,000

N
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Surveyed 1977
Revised 1981
Edition N/A
Copyright 1981
Levelled 1976

Surveyed 1975
Revised 1977
Edition N/A
Copyright 1977
Levelled 1964

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Groundsure INSIGHTS

Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: National Grid

Map date: **1988-1989**

Scale: 1:10,000

Printed at: 1:10,000

N
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Surveyed 1985
Revised 1988
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1984
Revised 1989
Edition N/A
Copyright N/A
Levelled N/A

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Groundsure INSIGHTS

Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: National Grid

Map date: **1995**

Scale: 1:10,000

Printed at: 1:10,000

N
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Surveyed 1984
Revised 1995
Edition N/A
Copyright N/A
Levelled N/A

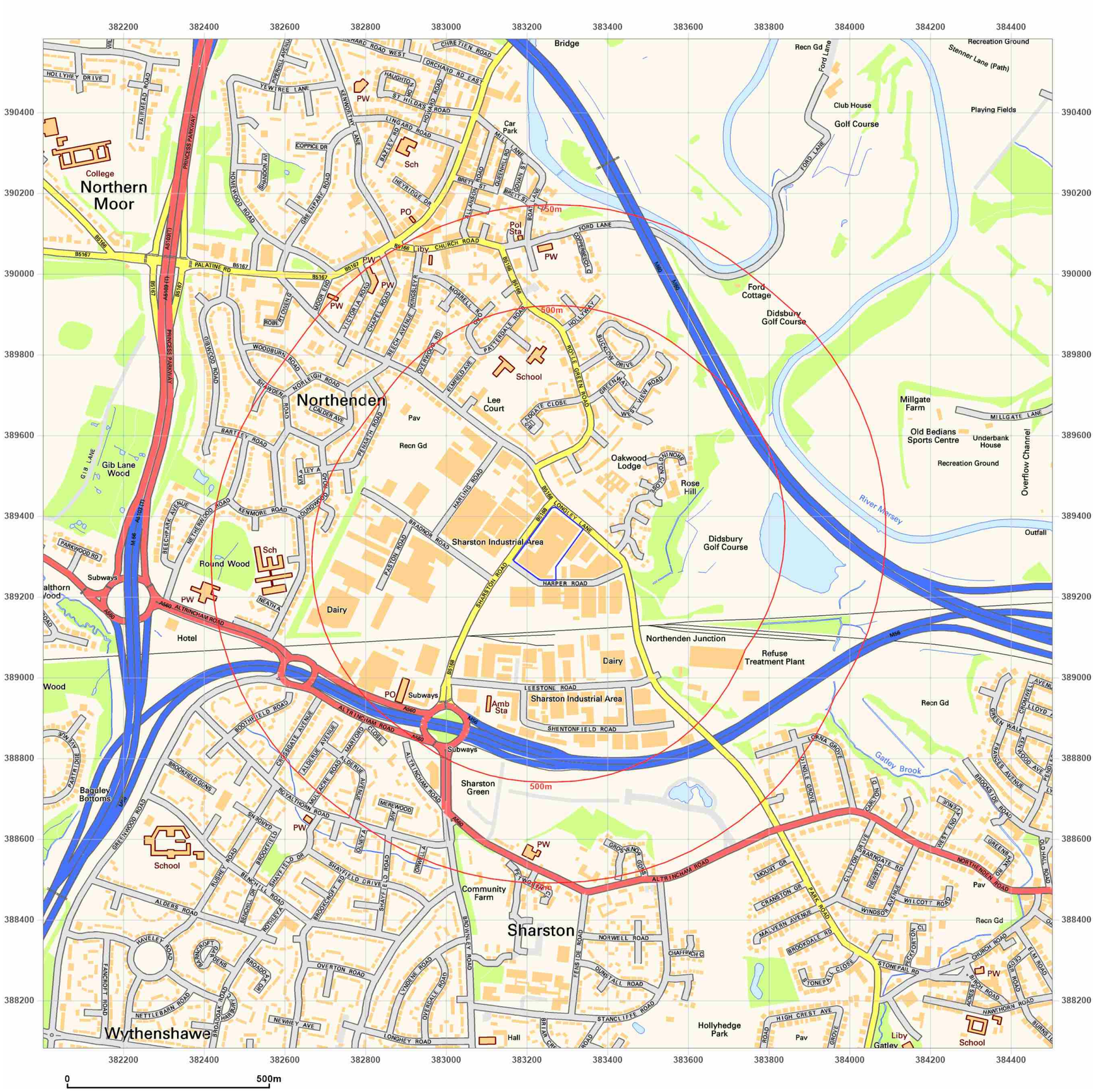
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Groundsure INSIGHTS

Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: National Grid

Map date: **2001**

Scale: 1:10,000

Printed at: 1:10,000

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2001

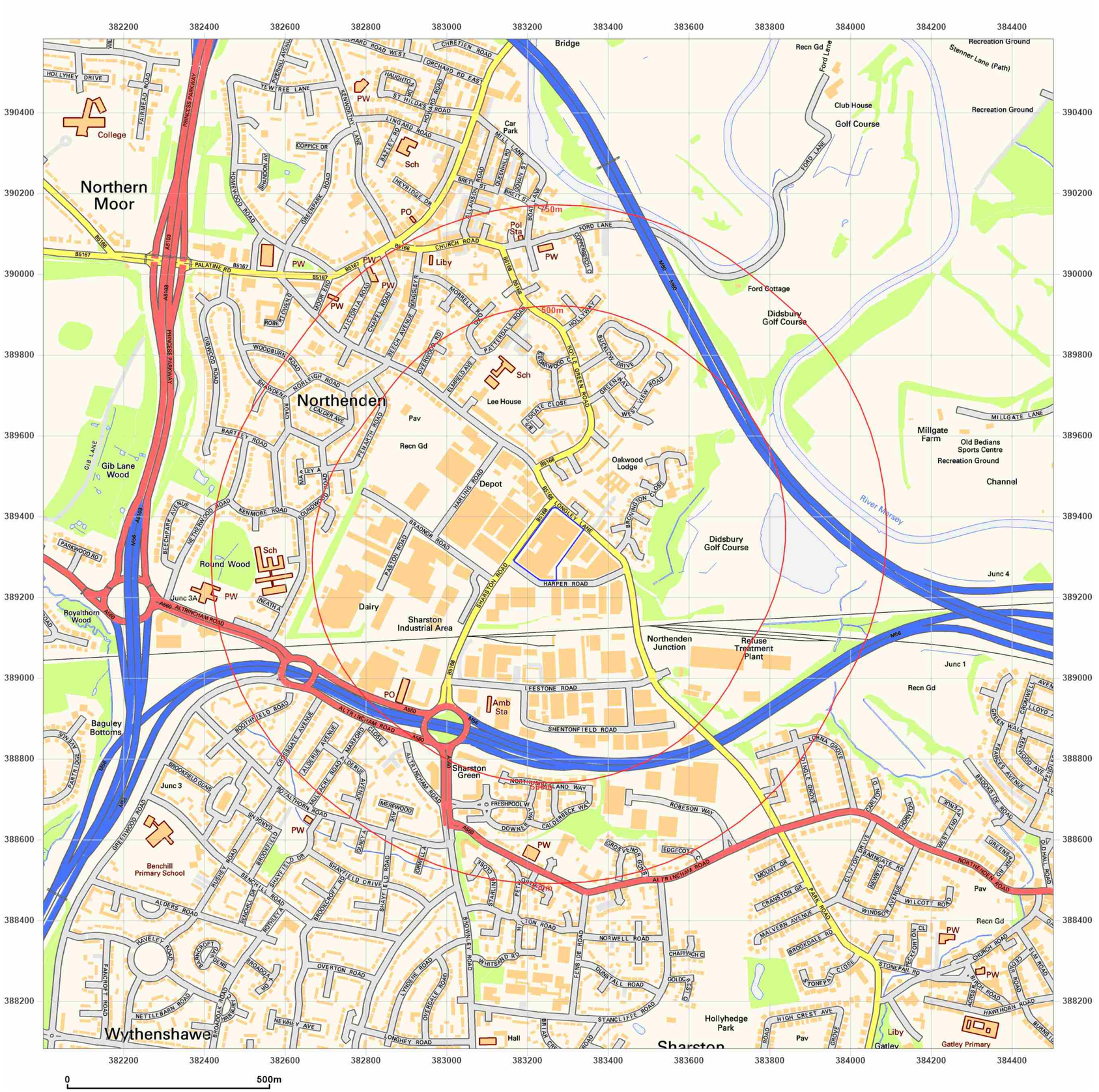
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Groundsure INSIGHTS

Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: National Grid

Map date: **2010**

Scale: 1:10,000

Printed at: 1:10,000

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2010

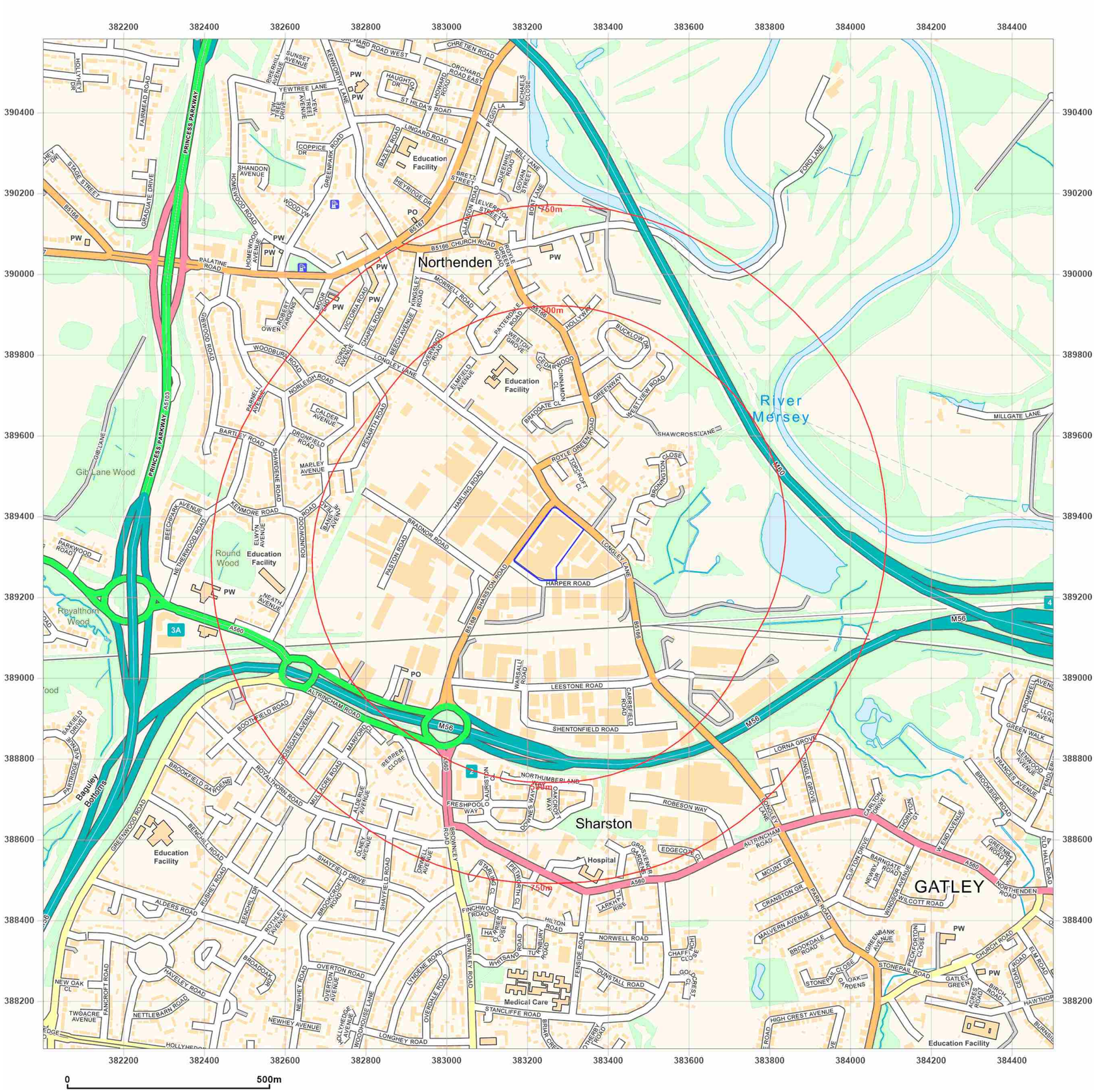
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Groundsure INSIGHTS

Site Details:

Sharston Industrial Estate

Client Ref: PO39144
Report Ref: HYD-13P-VKX-SZ5-SBG
Grid Ref: 383252, 389332

Map Name: National Grid

Map date: **2025**

Scale: 1:10,000

Printed at: 1:10,000

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2025

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Production date: 29 January 2025

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Preliminary
Unexploded Ordnance (UXO)
Risk Assessment

Project Name	Sharston, Manchester
Client	Hydrock Consultants Ltd
Site Address	1934 Sharston Rd, Wythenshawe, Manchester M22 4RA
Report Reference	PA21131-00
Date	3rd December 2024
Author	LH
Quality Assurance	HW

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Assessment Objective

This preliminary unexploded ordnance (UXO) risk assessment is a qualitative screening exercise to assess the likely potential of encountering UXO at the Sharston, Manchester site. The assessment involves the consideration of the basic factors that affect the potential for UXO to be present at a site as outlined in Stage One of the UXO risk management process.

Background

This assessment uses the sources of information available in-house to 1st Line Defence Ltd to enable the placement of a development site in context with events that may have led to the presence of German air-delivered or Allied military UXO. The report will identify any immediate necessity for risk mitigation or additional research in the form of a Detailed UXO Risk Assessment. It makes use of 1st Line Defence's extensive historical archives, library and unique geo-databases, as well as internet resources, and is researched and compiled by UXO specialists and graduate researchers.

The assessment directly follows CIRIA C681 guidelines "Unexploded Ordnance, a Guide for the Construction Industry". The document will therefore assess the following factors:

- Basic Site Data
- Previous Military Use
- Indicators of potential aerial delivered UXO threat
- Consideration of any Mitigating Factors
- Extent of Proposed Intrusive Works
- Any requirement for Further Work

It should be noted that the vast majority of construction sites in the UK will have a low or negligible risk of encountering UXO and should be able to be screened out at this preliminary stage. The report is meant as a common sense 'first step' in the UXO risk management process. The content of the report and conclusions drawn are based on basic, preliminary research using the information available to 1st Line Defence at the time this report was produced. It should be noted that the only way to entirely negate risk from UXO to a project would be to support the works proposed with appropriate UXO risk mitigation measures. It is rarely possible to state that there is absolutely 'no' risk from UXO to a project.

Site Boundary



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Risk Assessment Considerations	
Site location and description/current use	The site is situated within the Sharston Industrial Estate in the Northenden area of Wythenshawe; a southern suburb of Manchester. The site comprises the industrial premises of Siemens comprising a cluster of adjoined warehouses and office buildings. The site is bound to the north by Longley Lane, to the east by industrial premises, to the south by Harper Road, and to the west by Sharston Road. The site is approximately centred on the OS grid reference: **SJ 83255 89331**.
Are there any indicators of current/historical military activity on/close to the site?	In-house records do not indicate that the site footprints had any former military use. No features such as WWII defensive positions, encampments or firing ranges are recorded to have been located at or in the immediate vicinity of the sites. In addition, no information of ordnance being stored, produced, or disposed of within the proposed site boundaries could be found. The closest Heavy Anti-Aircraft (HAA) battery was positioned approximately 2.5km west of the site in the vicinity of Baguley. The range of a fired projectile can be up to 15km. The conditions in which unexploded anti-aircraft ordnance may have fallen unrecorded are generally analogous to that of aerial delivered German bombs.
What was the pre- and post-WWII history of the site?	Pre-WWII historical OS mapping from 1938 shows the site to have been dominated by two industrial premises; the *Wylex Works*, and *Moor End Factory*. A building associated with each is recorded within the site surrounded by open land. The south of the site appears empty. The site is bound north by *Longley Lane*, east by further industrial premises, south by *Harper Road*, and west by *Sharston Road*. Post-war mapping updated in 1953 shows the site as remaining unchanged, with the two industrial premises surviving at their pre-war positions. Further industrial buildings appear within the open land south and west of the site over *Harper Road* and *Sharston Road*. More detailed post-war mapping from 1956 reveals the *Wylex Works* to have made *Electrical Products*, and the *Moor End Factory* to have made *Underwear*.
Was the area subject to bombing during WWII?	During WWII, the site was situated within the County Borough of Manchester, which sustained an overall low density of bombing according to Home Office bombing statistics. The borough comprised 27,255 acres and was subject to 712 high explosive (HE) bomb strikes, 18 parachute mines, seven oil bombs, and one V-1 pilotless aircraft bomb. This totalled 738 items of ordnance, with an average of 27.1 items of ordnance per 1,000 acres. A bomb map held in-house for this area of Manchester's suburbs does not record any bomb strikes as having occurred within the site. However, it does record numerous incendiary bomb strikes at Rose Hill Convalescence House as close as approximately 120m north-east of the site. Another single strike is recorded approximately 250m west of the site, and is recorded as occurring on the 10th October 1940. Its type is unclear but may have been a composite incendiary/high explosive bomb or an unexploded bomb.
Is there any evidence of bomb damage on/close to the site?	There are no obvious changes shown on site when comparing pre- and post-WWII OS mapping which would indicate bomb damage.

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To what degree would the site have been subject to access?	During WWII, the site was located within a suburban industrial area of Manchester; which likely experienced regular access given that the region was not likely bombed heavily and the industries within/around the site likely continued to function during wartime. This increases the likelihood that signs of UXO would have been noted and investigated.
To what degree has the site been developed post-WWII?	Post-WWII, the site has undergone the expansion of industrial buildings to cover the majority of the site area. However, the original Wylex Works building and a 1934 factory building at the site of the Moor End Factory still at least partially survive at the front of the site.
What is the nature and extent of the intrusive works proposed?	Ground investigation works are proposed for the site including boreholes and window samples to a maximum depth of 10m.

Summary and Conclusions

During WWII, the site comprised the premises of the Wylex Works (electrical products) and Moor End Factory (underwear) in Sharston Industrial Estate, Wythenshawe. It was situated within the County Borough of Manchester, which sustained an overall low density of bombing according to Home Office bombing statistics, with an average of 27.1 items of ordnance falling per 1,000 acres.

Available bomb mapping for this suburban area of Manchester does not record any bomb strikes to have occurred within or bordering the site boundary, with the closest being plotted approximately 120m away. Furthermore, a comparison of pre- and post-WWII OS mapping does not bear obvious signs of structural damage or alteration which might be indicative of bombing activity. The works likely remained operational during wartime, providing the site with a beneficial degree of access.

Recommendations

Given the findings of this preliminary report, the risk from UXO is not considered to be higher than the 'background' level of risk of UXO contamination in this part of the UK. Whilst it would be possible to conduct a Detailed UXO Risk Assessment for this site, it is not anticipated that any further findings would significantly alter the risk of encountering unexploded ordnance within the site. It is therefore recommended that **no further action** is taken.

If the client has any anecdotal or empirical evidence of UXO risk on site, please contact 1st Line Defence.

It should be noted that although the risk from unexploded ordnance on this site has been assessed as low/minimal, this does not mean there is 'no' risk of encountering UXO. This preliminary report has been undertaken with due diligence, and all reasonable care has been taken to access and analyse relevant historical information. By necessity, when dealing with historical evidence, and when making assessments of UXO risk, various assumptions have to be made which we have discussed and justified within this report. Our reports take a common-sense and practical approach to the assessment of UXO risk, and we strive to be reasonable and pragmatic in our conclusions. As referenced, it would be possible to undertake further research into this site, but based on the evidence to hand, this is not deemed strictly necessary, and no reasonably justifiable requirement for proactive on-site mitigation has been identified.

It should however be stressed that if any suspect items are encountered during the proposed works, 1st Line Defence should be contacted for advice/assistance, and to re-assess the risk as necessary. Furthermore, we would recommend that ground personnel are always made aware of the potential for encountering UXO, what to look out for and what to do in the unlikely event that a suspect item is encountered, and that a UXO Risk Management Plan is put together for the proposed works. We would be happy to provide a template and guidance for this – contact us on 01992 245020. Should the scope of works change or additional works be proposed, 1st Line Defence should be contacted to re-evaluate the risk.

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This report has been prepared by 1st Line Defence Limited with all reasonable care and skill. The report contains historical data and information from third party sources. 1st Line Defence Limited has sought to verify the accuracy and comprehensiveness of this information where possible but cannot be held accountable for any inherent errors. Furthermore, whilst every reasonable effort has been made to locate and access all relevant historical information, 1st Line Defence cannot be held responsible for any changes to risk level or mitigation recommendations resulting from documentation or other information which may come to light at a later date.

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Hertfordshire EN11 0EX

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Front cover image credit: London County Council Bomb Damage Mapping (London Metropolitan Archives)

Appendix C Exploratory hole logs and photographs

Exploratory hole logs

Hydrock now Stantec

Project: Sharston Road, Sharston

Borehole No
CP101
Page No. 1 of 1

Method: Cable Percussion	Date(s): 10/12/2024 - 11/12/2024	Logged By: BH	Drilled By: DMW
Client: Kier Property Ltd	Co-ords: 383270.47, 389418.57	Checked By: MG	Flush:
Hydrock Project No: 35838	Ground Level: 35.12m OD		Scale: 1:50

Samples / Tests			Water-Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrumentation / Backfill
Depth (m)	Type	Results							
				Black ASPHALT.	0.10	(0.10)	35.02		
0.20	PID	1.0ppm		(HARDSTANDING)	0.30	(0.20)	34.82		
0.30	B			Red very angular fine to coarse GRAVEL of brick with a medium cobble content of brick.					
0.30 - 0.40	ES			(MADE GROUND)	0.60	(0.30)	34.52		
0.30 - 0.60	B			Firm brown gravelly CLAY with rootlets. Gravel is very angular fine to coarse of brick.	0.80	(0.20)	34.32		
0.40	PID	0.9ppm		(MADE GROUND)					
0.40	PID	0.9ppm		Firm brown slightly sandy slightly gravelly CLAY with rootlets. Gravel is angular fine of coal.					
0.80 - 0.90	ES			(MADE GROUND)					
0.90	PID	0.9ppm		Medium dense becoming dense orangish brown gravelly fine to medium SAND. Gravel is subrounded and rounded fine to coarse of mixed lithologies including sandstone,mudstone and quartz.					
1.20	SPT	N=17 (2,2,3,6,4,4)		(GLACIOFLUVIAL SHEET DEPOSITS)					
2.00	SPT	N=32 (4,7,7,7,7,11)				(3.10)			
2.00	B								
2.00 - 2.45	B								
2.30	ES								
3.50	PID	0.8ppm			3.90		31.22		
4.00	U			Stiff dark brown slightly sandy slightly gravelly CLAY. Gravel is subangular to rounded fine to coarse of mixed lithologies including sandstone, mudstone and quartz.					
4.00 - 4.45	U			(GLACIAL TILL - COHESIVE)					
5.00	SPT	N=17 (2,3,3,4,4,6)							
6.00	PID	0.6ppm							
6.50	SPT	N=25 (2,3,4,5,8,8)				(5.10)			
8.00	U								
8.00 - 8.45	U								
8.00	PID	1.1ppm			9.00		26.12		
9.50	SPT	N=20 (3,3,3,5,5,7)		Medium dense orangish brown very gravelly fine to coarse SAND. Gravel is subangular to rounded fine to coarse of mixed lithologies including sandstone, mudstone and quartz.					
9.50	EW			(GLACIAL TILL - GRANULAR)		(1.00)			
				End of Borehole at 10.00m	10.00		25.12		

Progress and Observations

Rig	Date	Time	Borehole Depth (m)	Casing Depth (m)	Casing Diam.(mm)	Water Depth (m)	Flush Type	Returns (colour)

Chiselling

From (m)	To (m)	Duration (HH:MM)

General Remarks:
1. Hand dug pit to 1.2m bgl. 2. Cable Percussive drilling from 1.2m to 10m bgl. 3. Complete at 10m bgl and installed with a response zone between 9m and 10m bgl. 3. Groundwater encountered at 9m bgl. 4. No visual or olfactory evidence of contamination.

Logged in general accordance with BS5930:2015

Hydrock now Stantec

Project: Sharston Road, Sharston

Borehole No
CP102
Page No. 1 of 1

Method: Cable Percussion	Date(s): 11/12/2024 - 12/12/2024	Logged By: BH	Drilled By: DMW
Client: Kier Property Ltd	Co-ords: 383226.45, 389364.39	Checked By: MG	Flush:
Hydrock Project No: 35838	Ground Level: 35.28m OD		Scale: 1:50

Samples / Tests			Water-Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrumentation / Backfill
Depth (m)	Type	Results							
				Black asphalt.	0.05	(0.05)	35.23		
0.20	PID	0.1ppm		(HARDSTANDING)	0.20	(0.15)	35.08		
				Black ashy sandy subangular fine and medium GRAVEL of mixed lithologies including asphalt, limestone, ash and clinker. (MADE GROUND)	0.50	(0.30)	34.78		
0.50	B								
0.50 - 0.80	B								
0.60	ES			Light brown sandy angular and subangular fine to coarse GRAVEL of limestone and brick. (MADE GROUND)	0.80	(0.30)	34.48		
0.60	PID	0.2ppm							
1.10	PID	0.2ppm			1				
1.20	SPT	N=16 (3,3,3,3,6,4)		Firm brown slightly sandy gravelly CLAY. Gravel is subangular to subrounded fine to coarse of mixed lithologies including limestone, brick and rare coal. (MADE GROUND)					
1.20	PID	0.2ppm		Medium dense orangish brown gravelly fine to medium SAND. Gravel is subrounded to rounded fine to coarse of mixed lithologies including sandstone, mudstone and quartz. (GLACIOFLUVIAL SHEET DEPOSITS)					
2.00	SPT	N=27 (8,8,10,7,7,3)			2	(2.80)			
2.00	PID	0.2ppm							
3.00	SPT	N=20 (10,5,5,6,5,4)			3				
3.00	PID	0.1ppm							
					3.60		31.68		
				Stiff brown slightly sandy slightly gravelly CLAY. Gravel is subangular to rounded fine of mixed lithologies including sandstone, mudstone and quartz. (GLACIAL TILL - COHESIVE)					
4.00	U				4				
4.00 - 4.45	U								
5.00	SPT	N=17 (2,3,4,4,4,5)			5				
5.00	B								
5.00	ES								
5.00 - 5.45	B								
5.00	PID	0.1ppm							
6.00	PID	0.2ppm			6				
6.50	SPT	N=19 (1,3,3,4,5,7)				(5.70)			
					7				
					8				
8.00	SPT	N=33 (4,4,5,8,9,11)							
8.00	PID	0.2ppm							
					9				
					9.30		25.98		
9.50	SPT	N=27 (3,4,5,6,7,9)		Dense organish brown fine to coarse SAND. (GLACIAL TILL - GRANULAR)	9.60	(0.30)	25.68		
9.50	EW			Stiff brown slightly sandy slightly gravelly CLAY. Gravel is subangular to rounded fine of mixed lithologies including sandstone, mudstone and quartz. (GLACIAL TILL - GRANULAR)	10.00	(0.40)	25.28		
				End of Borehole at 10.00m	10				

Progress and Observations

Rig	Date	Time	Borehole Depth (m)	Casing Depth (m)	Casing Diam.(mm)	Water Depth (m)	Flush Type	Returns (colour)

Chiselling

From (m)	To (m)	Duration (HH:MM)

General Remarks:
1. Hand dug pit to 1.2m bgl. 2. Cable Percussive drilling from 1.2m to 10m bgl. 3. Complete at 10m bgl and installed with a response zone between 9m and 10m bgl. 3. Groundwater encountered at 9.3m bgl. 4. No visual or olfactory evidence of contamination.

Logged in general accordance with BS5930:2015

Hydrock now Stantec

Project: Sharston Road, Sharston

Borehole No
CP103
Page No. 1 of 1

Method: Cable Percussion	Date(s): 09/12/2024	Logged By: BH	Drilled By: DMW
Client: Kier Property Ltd	Co-ords: 383322.69, 389349.29	Checked By: MG	Flush:
Hydrock Project No: 35838	Ground Level: 35.03m OD		Scale: 1:50

Samples / Tests			Water-Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrumentation / Backfill
Depth (m)	Type	Results							
				Light grey CONCRETE. (HARDSTANDING)	0.17	(0.17)	34.86		
0.30	B			Reddish brown slightly clayey slightly sandy angular fine to coarse GRAVEL of brick and rare mortar and clinker with a medium cobble content of brick. (MADE GROUND)	0.30	(0.13)	34.73		
0.30 - 0.40	ES				0.40	(0.10)	34.63		
0.30 - 0.60	B				0.70	(0.30)	34.33		
0.30	PID	0.6ppm		Firm brown slightly sandy slightly gravelly CLAY. Gravel is subangular fine to coarse of brick, quartz, sandstone and coal. (MADE GROUND)	1				
0.40	PID	0.8ppm							
0.50 - 0.60	ES			Orangish brown slightly gravelly clayey fine to medium SAND. Gravel is subrounded fine to coarse of sandstone and quartz. (GLACIOFLUVIAL SHEET DEPOSITS)					
0.50	PID	0.8ppm							
0.80	PID	0.6ppm							
1.20	SPT	N=7 (1,1,1,1,2,3)		Loose becoming medium dense orangish brown very gravelly fine to coarse SAND. Gravel is subangular to rounded fine to coarse of mixed lithologies including sandstone, mudstone and quartz. (GLACIOFLUVIAL SHEET DEPOSITS)					
1.20	B								
1.20	ES								
1.20 - 1.65	B								
1.50	PID	0.8ppm			2	(2.60)			
2.00	SPT	N=21 (3,3,4,4,5,8)							
2.50	PID	1.4ppm							
3.00	SPT	N=10 (2,2,1,2,3,4)			3				
					3.30		31.73		
				Stiff dark brown slightly sandy slightly gravelly CLAY. Gravel is subangular to rounded fine to coarse of mixed lithologies including sandstone, mudstone and quartz. (GLACIAL TILL - COHESIVE)					
4.00	U				4				
5.00	SPT	N=16 (2,2,3,3,4,6)			5				
6.00	U				6	(5.40)			
6.00 - 6.95	U								
					7				
8.00	SPT	N=36 (3,4,6,8,10,12)			8				
					8.70		26.33		
				Medium dense orangish brown very gravelly fine to coarse SAND. Gravel is subangular to rounded fine to coarse of mixed lithologies including sandstone, mudstone and quartz. (GLACIAL TILL - GRANULAR)	9				
9.50	SPT	N=24 (2,5,3,6,7,8)				(1.30)			
9.50	EW								
9.80	SPT	N=17 (2,2,2,4,5,6)							
				End of Borehole at 10.00m	10				
					10.00		25.03		

Progress and Observations

Rig	Date	Time	Borehole Depth (m)	Casing Depth (m)	Casing Diam.(mm)	Water Depth (m)	Flush Type	Returns (colour)

Chiselling

From (m)	To (m)	Duration (HH:MM)

General Remarks:
1. Hand dug pit to 1.2m bgl. 2. Cable Percussive drilling from 1.2m to 10m bgl. 3. Complete at 10m bgl and installed with a response zone between 9m and 10m bgl. 3. Groundwater encountered at 8.7m bgl. 4. No visual or olfactory evidence of contamination.

Logged in general accordance with BS5930:2015

Hydrock now Stantec

Project: Sharston Road, Sharston	Borehole No CP104 Page No. 1 of 1

Method: Cable Percussion	Date(s): 09/12/2024	Logged By: BH	Drilled By: DMW
Client: Kier Property Ltd	Co-ords: 383284.14, 389295.61	Checked By: MG	Flush:
Hydrock Project No: 35838	Ground Level: 35.11m OD		Scale: 1:50

Samples / Tests			Water-Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrumentation / Backfill
Depth (m)	Type	Results							
0.40 - 0.50 0.40	ES PID	1.4ppm		Light grey CONCRETE. (HARDSTANDING)	0.17	(0.17)	34.94		
				Dark grey ashy sandy angular to subrounded fine to coarse GRAVEL of brick, clinker, concrete and natural lithologies with medium cobble content of brick and rare concrete with boulders of brick and concrete. (MADE GROUND)	0.50	(0.33)	34.61		
				End of Borehole at 0.50m					

1 2 3 4 5 6 7 8 9 10

Progress and Observations

Rig	Date	Time	Borehole Depth (m)	Casing Depth (m)	Casing Diam.(mm)	Water Depth (m)	Flush Type	Returns (colour)

Chiselling

From (m)	To (m)	Duration (HH:MM)

General Remarks:
1. Hand dug pit to 0.5m bgl. 2. Terminated at 0.5m bgl on concrete obstruction and suspected service.

Logged in general accordance with BS5930:2015

Hydrock now Stantec

Project: Sharston Road, Sharston	Borehole No CP104A Page No. 1 of 1

Method: Cable Percussion	Date(s): 16/12/2024		
Client: Kier Property Ltd	Co-ords: 383285.09, 389300.53	Checked By: MG	Flush:
Hydrock Project No: 35838			Scale: 1:50

Samples / Tests			Water-Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrumentation / Backfill
Depth (m)	Type	Results							
				Light grey CONCRETE. (HARDSTANDING)	0.17	(0.17)			
				Dark grey ashy sandy angular to subrounded fine to coarse GRAVEL of brick, clinker, concrete and natural lithologies with high cobble content of brick and rare concrete with boulders of brick and concrete. (MADE GROUND)	0.55	(0.38)			
				End of Borehole at 0.55m					

1 2 3 4 5 6 7 8 9 10

Progress and Observations

Rig	Date	Time	Borehole Depth (m)	Casing Depth (m)	Casing Diam.(mm)	Water Depth (m)	Flush Type	Returns (colour)

Chiselling

From (m)	To (m)	Duration (HH:MM)

General Remarks:
1. Hand dug pit to 0.55m bgl. 2. Terminated at 0.55m bgl on brick obstruction and suspected service.

Logged in general accordance with BS5930:2015

Hydrock now Stantec

Project: Sharston Road, Sharston

Borehole No
CP105
Page No. 1 of 1

Method: Cable Percussion	Date(s): 12/12/2024 - 13/12/2024	Logged By: BH	Drilled By: DMW
Client: Kier Property Ltd	Co-ords: 383202.64, 389269.64	Checked By: MG	Flush:
Hydrock Project No: 35838	Ground Level: 34.99m OD		Scale: 1:50

Samples / Tests			Water-Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrumentation / Backfill
Depth (m)	Type	Results							
				Light grey CONCRETE.	0.15	(0.15)	34.84		
				(HARDSTANDING)	0.20	(0.05)	34.79		
0.30 - 0.40	ES			Light brown sandy fine to coarse GRAVEL of limestone.					
0.30	PID	0.3ppm		(MADE GROUND)	0.50	(0.30)	34.49		
0.50 - 0.60	ES			Dark grey slightly sandy gravelly CLAY. Gravel is angular and subangular fine to coarse of mixed lithologies including sandstone, limestone, brick and concrete.					
0.50	PID	0.4ppm			0.70	(0.20)	34.29		
1.00	ES			(MADE GROUND)	1				
1.20	SPT	N=21 (4,4,4,4,7,6)		Soft brown sandy CLAY. (GLACIOFLUVIAL SHEET DEPOSITS - COHESIVE)					
1.20	B			Medium dense orangish brown gravelly fine to medium SAND. Gravel is subrounded to rounded fine to coarse of mixed lithologies including sandstone, mudstone and quartz. (GLACIOFLUVIAL SHEET DEPOSITS)					
1.20 - 1.65	B								
2.00	SPT	N=40 (5,9,9,10,10,11)			2	(2.70)			
3.00	SPT	N=15 (2,3,3,3,4,5)			3				
3.00	PID	0.5ppm							
3.50	D								
3.50	D								
				Stiff brown slightly sandy slightly gravelly CLAY. Gravel is subangular to rounded fine of mixed lithologies including sandstone, mudstone and quartz. (GLACIAL TILL - COHESIVE)	3.40		31.59		
4.00	U				4	(2.10)			
4.00 - 4.45	U								
5.00	SPT	N=26 (3,4,5,5,7,9)			5				
5.00	PID	0.6ppm							
					5.50		29.49		
				Medium dense organish brown fine to coarse SAND. (GLACIAL TILL - GRANULAR)	5.80	(0.30)	29.19		
6.00	PID	0.4ppm		Stiff brown slightly sandy slightly gravelly CLAY. Gravel is subangular to rounded fine of mixed lithologies including sandstone, mudstone and quartz. (GLACIAL TILL - COHESIVE)	6	(0.50)			
					6.30		28.69		
6.50	SPT	N=48 (4,5,10,12,12,14)		Dense organish brown fine to coarse SAND. (GLACIAL TILL - GRANULAR)	7	(2.70)			
8.00	SPT	N=48 (4,5,10,12,12,14)			8				
8.00	EW								
					9.00		25.99		
9.00	PID	0.4ppm		Dense orangish brown gravelly fine to coarse SAND. Gravel is subrounded to rounded fine to coarse of mixed lithologies including sandstone, mudstone and quartz. (GLACIAL TILL - GRANULAR)	9				
9.50	SPT	N=33 (3,4,7,8,8,10)				(1.00)			
				End of Borehole at 10.00m	10		24.99		

Progress and Observations

Rig	Date	Time	Borehole Depth (m)	Casing Depth (m)	Casing Diam.(mm)	Water Depth (m)	Flush Type	Returns (colour)

Chiselling

From (m)	To (m)	Duration (HH:MM)

General Remarks:
1. Hand dug pit to 1.2m bgl. 2. Cable Percussive drilling from 1.2m to 10m bgl. 3. Complete at 10m bgl and installed with a response zone between 6.5m and 9.5m bgl. 3. Groundwater encountered at 5.5m bgl. 4. No visual or olfactory evidence of contamination.

Logged in general accordance with BS5930:2015

Hydrock now Stantec

Project: Sharston Road, Sharston

Borehole No
WS101
Page No. 1 of 1

Method: Dynamic (Windowless) Sampler	Date(s): 17/12/2024	Logged By: BH	Drilled By: DMW
Client: Kier Property Ltd	Co-ords: 383300.41, 389396.28	Checked By: MG	Rig:
Hydrock Project No: 35838	Ground Level: 35.18m OD		Scale: 1:30

Sample Run Info			Testing			Water-Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrumentation / Backfill
Sample Run	Run Ø	Recovery	Depth (m)	Type	Results							
			0.10 - 0.20	ES			Dark grey ASPHALT (HARDSTANDING)	0.05	(0.05)	35.13		
			0.20	PID	0.1ppm		Red sandy angular fine to coarse GRAVEL of brick with a high cobble content of brick. (MADE GROUND)	0.20	(0.15)	34.98		
			0.30 - 0.40	ES			Dark brown clayey gravelly fine and medium SAND with occasional rootlets. Gravel is subangular to subrounded fine and medium of mixed lithologies including sandstone, brick, asphalt and clinker. (MADE GROUND)	0.50	(0.30)	34.68		
			0.40	PID	0.6ppm		Dark orangish brown clayey gravelly fine and medium SAND with roots and rootlets. Gravel is subrounded and rounded fine and medium of sandstone and quartz. (GLACIOFLUVIAL SHEET DEPOSITS)	0.80	(0.30)	34.38		
			0.50 - 0.60	ES			Medium dense orangish brown gravelly fine to medium SAND. Gravel is subrounded to rounded fine to coarse of mixed lithologies including sandstone, mudstone and quartz. (GLACIOFLUVIAL SHEET DEPOSITS)					
			0.60	PID	0.9ppm							
			1.20	SPT	N=13 (2,2,3,3,3,4)							
			1.20	PID	0.5ppm				(1.20)			
			1.80	PID								
			2.00	SPT	50/225mm (10,14,20,18,12)		End of Borehole at 2.00m	2.00		33.18		

General Remarks:
1. Hand dug pit to 1.2m bgl. 2. Windowless sample drilling from 1.2m to 2m bgl. 3. Terminated at 2m bgl on refusal of SPT and installed with a response zone between 1m and 2m bgl. 4. No groundwater encountered. 5. No visual or olfactory evidence of contamination.

Logged in general accordance with BS5930:2015

Hydrock now Stantec

Project: Sharston Road, Sharston

Borehole No
WS102
Page No. 1 of 1

Method: Dynamic (Windowless) Sampler	Date(s): 12/12/2024	Logged By: BH	Drilled By: DMW
Client: Kier Property Ltd	Co-ords: 383263.23, 389382.59	Checked By: MG	Rig: Archway Dart
Hydrock Project No: 35838			Scale: 1:30

Sample Run Info			Testing			Water-Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrumentation / Backfill
Sample Run	Run Ø	Recovery	Depth (m)	Type	Results							
							Light grey CONCRETE. (HARDSTANDING)	0.19	(0.19)			
			0.30 - 0.40	ES			Red angular cobbles of BRICK. (MADE GROUND)	0.29	(0.10)			
			0.40	PID	0.6ppm		Dark brown slightly clayey gravelly fine and medium SAND. Gravel is angular fine to coarse of brick. (MADE GROUND)	0.50	(0.21)			
			0.50 - 0.60	ES			Medium dense dark brown gravelly medium and coarse SAND. Gravel is subangular rounded fine to coarse of mixed lithologies including quartz, sandstone and mudstone. (GLACIOFLUVIAL SHEET DEPOSITS)					
			0.80	PID	0.6ppm							
			1.20	SPT	N=15 (2,3,4,4,3,4)							
			1.40	PID	0.8ppm		*... Between 1.50m and 1.60m bgl: SAND is light grey.*		(2.50)			
			2.00	SPT	N=42 (11,10,10,7,12,13)							
			2.60	PID	0.9ppm							
			3.00	SPT	N=13 (2,2,2,3,4,4)		Firm dark brown CLAY. (GLACIAL TILL - COHESIVE)	3.00	(0.45)			
							End of Borehole at 3.45m	3.45				

General Remarks:
1. Hand dug pit to 1.2m bgl. 2 Windowless sample drilling from 1.2m to 3.45m bgl. 3. Terminated at 3m due to continuous collapse and installed with a response zone between 1m and 3m bgl. 4. Groundwater encountered at 3m bgl. 5. No visual or olfactory evidence of contamination.

Logged in general accordance with BS5930:2015

Hydrock now Stantec

Project: Sharston Road, Sharston

Borehole No
WS103
Page No. 1 of 1

Method: Dynamic (Windowless) Sampler	Date(s): 12/12/2024	Logged By: BH	Drilled By: DMW
Client: Kier Property Ltd	Co-ords: 383290.32, 389382.09	Checked By: MG	Rig: Archway Dart
Hydrock Project No: 35838			Scale: 1:30

Sample Run Info			Testing			Water-Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrumentation / Backfill
Sample Run	Run Ø	Recovery	Depth (m)	Type	Results							
							Light grey CONCRETE. (HARDSTANDING)	0.19	(0.19)			
			0.30	PID	2.8ppm		Brown gravelly fine and medium SAND. Gravel is very angular and angular fine to coarse of brick and concrete. (MADE GROUND)	0.30	(0.11)			
			0.40 - 0.50	ES			Dark orangish brown gravelly fine and medium SAND with small lenses of soft dark brown clay. Gravel is angular fine to coarse of mixed lithologies including brick, concrete, mudstone and rare coal. (MADE GROUND)	0.80	(0.50)			
			0.80	PID	5.6ppm		Medium dense dark orangish brown gravelly fine and medium SAND with small lenses of soft dark brown clay. Gravel is angular to subrounded fine to coarse of mixed lithologies including mudstone, quartz and sandstone. (GLACIOFLUVIAL SHEET DEPOSITS)	1				
			1.20	SPT	N=10 (1,1,2,2,3,3)				(0.70)			
			1.40 - 1.50	ES				1.50				
			1.50	PID	0.5ppm		Medium dense orangish brown slightly clayey fine and medium SAND. (GLACIOFLUVIAL SHEET DEPOSITS)	1.70	(0.20)			
			2.00	SPT	N=50 (10,10,10,10,15, 15)		Dense orangish brown gravelly fine to medium SAND. Gravel is subrounded fine to coarse of quartz, sandstone and mudstone. (GLACIOFLUVIAL SHEET DEPOSITS)	2	(1.10)			
			2.60	EW								
			2.70	PID	1.3ppm			2.80				
			2.80 - 2.90	ES			Medium dense dark brown gravelly medium and coarse SAND. Gravel is subrounded and rounded fine to coarse of mixed lithologies including quartz, sandstone and mudstone. (GLACIOFLUVIAL SHEET DEPOSITS)	3	(0.20)			
			3.00	SPT	N=11 (4,2,1,3,4,3)			3.00				
			3.10	PID	1.2ppm		Firm dark brown slightly gravelly CLAY. Gravel is rounded fine of quartz. (GLACIAL TILL - COHESIVE)		(0.50)			
			3.50	SPT	N=10 (1,1,2,2,3,3)		End of Borehole at 3.50m	3.50				
								4				
								5				
								6				

General Remarks:
1. Hand dug pit to 1.2m bgl. 2. Windowless sample drilling from 1.2m to 3.5m bgl. 3. Terminated at 3.5m bgl due to poor recovery and continous collapse. 4. Installed with a response zone between 1m and 3m bgl. 5. Groundwater encountered at 2.80m bgl. 6. No visual or olfactory evidence of contamination.

Logged in general accordance with BS5930:2015

Hydrock now Stantec

Project: Sharston Road, Sharston

Borehole No
WS104
Page No. 1 of 1

Method: Dynamic (Windowless) Sampler	Date(s): 17/12/2024	Logged By: BH	Drilled By: DMW
Client: Kier Property Ltd	Co-ords: 383331.94, 389372.40	Checked By: MG	Rig: Archway Dart
Hydrock Project No: 35838	Ground Level: 35.27m OD		Scale: 1:30

Sample Run Info			Testing			Water-Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrumentation / Backfill
Sample Run	Run Ø	Recovery	Depth (m)	Type	Results							
			0.20	B			Black ASPHALT. (HARDSTANDING)	0.07	(0.07)	35.20		
			0.20 - 0.50	B			Dark grey ashy subangular fine to coarse GRAVEL of asphalt, clinker and rare brick. (MADE GROUND)	0.15	(0.08)	35.12		
			0.40 - 0.50	ES			Red sandy angular fine to coarse GRAVEL of brick with a high cobble content of brick. (MADE GROUND)	0.25	(0.10)	35.02		
			0.40	PID	0.6ppm		Dark brown slightly gravelly sandy CLAY with occasional rootlets. Gravel is angular to subrounded fine and medium of mixed lithologies including brick, asphalt, sandstone and rare clinker. (MADE GROUND)	0.60	(0.35)	34.67		
			1.00 - 1.10	ES			Dark orangish brown slightly gravelly fine and medium SAND with pockets of soft brown clay. Gravel is subrounded and rounded fine to coarse of sandstone and quartz. (GLACIOFLUVIAL SHEET DEPOSITS)	1.00	(0.40)	34.27		
			1.00	PID	0.5ppm							
			1.20	SPT	N=19 (3,4,4,5,5,5)							
			1.20	B			Medium dense becoming dense orangish brown gravelly fine to medium SAND. Gravel is subrounded to rounded fine to coarse of mixed lithologies including sandstone, mudstone and quartz. (GLACIOFLUVIAL SHEET DEPOSITS)					
			1.20 - 3.00	B								
			1.50	PID	0.2ppm							
			2.00	SPT	N=35 (4,5,7,8,9,11)				(2.00)			
			2.50	PID	0.4ppm							
			2.80	EW								
			3.00	SPT	N=14 (11,2,3,3,4,4)		Firm dark brown slightly gravelly CLAY. Gravel is angular to rounded fine of mixed lithologies including sandstone, mudstone and quartz. (GLACIAL TILL - COHESIVE)	3.00		32.27		
			3.50	PID	0.2ppm							
			4.00	SPT	N=12 (2,2,2,3,3,4)				(2.00)			
			4.50	PID	0.3ppm							
			5.00	SPT	N=14 (3,3,3,4,4,3)		End of Borehole at 5.00m	5.00		30.27		

General Remarks:
1. Hand dug pit to 1.2m bgl. 2. Windowless sample drilling from 1.2m to 5m bgl. 3. Complete at 5m bgl and installed with a response zone between 1m and 3m bgl. 4. No groundwater encountered. 5. No visual or olfactory evidence of contamination.

Logged in general accordance with BS5930:2015

Hydrock now Stantec

Project: Sharston Road, Sharston

Borehole No
WS105
Page No. 1 of 1

Method: Dynamic (Windowless) Sampler	Date(s): 11/12/2024	Logged By: BH	Drilled By: DMW
Client: Kier Property Ltd	Co-ords: 383274.06, 389358.90	Checked By: MG	Rig: Archway Dart
Hydrock Project No: 35838			Scale: 1:30

Sample Run Info			Testing			Water-Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrumentation / Backfill
Sample Run	Run Ø	Recovery	Depth (m)	Type	Results							
							Light grey CONCRETE. (HARDSTANDING)	0.20	(0.20)			
			0.30 - 0.50	ES			Dark grey slightly ashy slightly clayey sandy angular and subangular fine to coarse GRAVEL of limestone and clinker with low cobble content of limestone. (MADE GROUND)	0.50	(0.30)			
			0.30	PID	1.0ppm							
			0.50	PID	0.9ppm		Dark organish brown slightly gravelly fine and medium SAND. Gravel is subrounded fine to coarse of quartz and sandstone. (GLACIOFLUVIAL SHEET DEPOSITS)	1.00	(0.50)			
			0.70	B								
			0.70	ES								
			0.70 - 1.00	B								
			1.00	PID	0.7ppm							
			1.20	SPT	N=18 (2,2,3,4,5,6)		Medium dense light brown slightly gravelly fine and medium SAND. Gravel is subrounded fine to coarse of quartz and sandstone. (GLACIOFLUVIAL SHEET DEPOSITS)	1.70	(0.70)			
			1.70	PID	0.9ppm							
			2.00	SPT	N=40 (8,11,11,10,10,9)		Dense dark organish brown slightly gravelly fine and medium SAND. Gravel is subrounded fine to coarse of quartz and sandstone. (GLACIOFLUVIAL SHEET DEPOSITS)	2.80	(1.10)			
			2.50	PID	0.6ppm							
			2.60	EW								
			2.80	PID	0.4ppm	▼						
			3.00	SPT	N=6 (3,4,2,2,1,1)		Loose dark very gravelly medium and coarse SAND. Gravel is subangular to rounded fine to coarse of mixed lithologies including mudstone, sandstone and rare quartz. (GLACIOFLUVIAL SHEET DEPOSITS)	3.50	(0.70)			
			3.00	D								
			3.00 - 3.50	D								
			3.40	PID	0.8ppm							
			4.00	SPT	N=6 (1,1,1,1,2,2)		Soft dark brown CLAY. (GLACIAL TILL - COHESIVE)	4.00	(0.50)			
							End of Borehole at 4.00m					

General Remarks:
1. Hand dug pit to 1.2m bgl. 2. Windowless sample drilling from 1.2m to 4m bgl. 3. Complete at 4m bgl and installed with a response zone between 1m and 3m bgl. 4. Groundwater encountered at 2.7m bgl. 5. No visual or olfactory evidence of contamination.

Logged in general accordance with BS5930:2015

Hydrock now Stantec

Project: Sharston Road, Sharston

Borehole No
WS106
Page No. 1 of 1

Method: Dynamic (Windowless) Sampler	Date(s): 11/12/2024	Logged By: BH	Drilled By: DMW
Client: Kier Property Ltd	Co-ords: 383259.07, 389351.35	Checked By: MG	Rig: Archway Dart
Hydrock Project No: 35838			Scale: 1:30

Sample Run Info			Testing			Water-Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrumentation / Backfill
Sample Run	Run Ø	Recovery	Depth (m)	Type	Results							
							Light grey CONCRETE. (HARDSTANDING)	0.15	(0.15)			
			0.20	PID	0.9ppm		Brown sandy angular fine to coarse GRAVEL of limestone. (MADE GROUND)	0.50	(0.35)			
			0.60	PID	0.8ppm		Medium dense orangish brown gravelly fine and medium SAND. Gravel is subrounded and rounded fine to coarse of mixed lithologies including quartz, sandstone and mudstone. (GLACIOFLUVIAL SHEET DEPOSITS)					
			1.20	SPT	N=18 (3,5,5,5,4,4)				(1.50)			
			1.50	PID	0.1ppm							
			2.00	SPT	50/210mm (10,15,18,18,14)		End of Borehole at 2.00m	2.00				

General Remarks:
1. Hand dug pit to 1.2m bgl. 2. Windowless sample drilling from 1.2m to 2m bgl. 3. Terminated at 2m bgl on refusal of SPT and installed with a response zone between 1m and 2m bgl. 4. No groundwater encountered. 5. No visual or olfactory evidence of contamination.

Logged in general accordance with BS5930:2015

Hydrock now Stantec

Project: Sharston Road, Sharston

Borehole No
WS107
Page No. 1 of 1

Method: Dynamic (Windowless) Sampler	Date(s): 12/12/2024	Logged By: BH	Drilled By: DMW
Client: Kier Property Ltd	Co-ords: 383242.69, 389336.10	Checked By: MG	Rig: Archway Dart
Hydrock Project No: 35838			Scale: 1:30

Sample Run Info			Testing			Water-Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrumentation / Backfill
Sample Run	Run Ø	Recovery	Depth (m)	Type	Results							
							Light grey CONCRETE. (HARDSTANDING)	0.20	(0.20)			
			0.20 - 0.30	ES			Light brown slightly sandy angular fine to coarse GRAVEL of limestone. (MADE GROUND)	0.30	(0.10)			
			0.20	PID	0.5ppm		Medium dense orangish brown gravelly fine and medium SAND. Gravel is subrounded and rounded fine to coarse of mixed lithologies including quartz, sandstone and mudstone. (GLACIOFLUVIAL SHEET DEPOSITS)		(0.90)			
			0.35	ES								
			0.50 - 0.60	ES								
			0.50	PID	0.5ppm							
			0.80	B								
			0.80 - 1.20	B				1				
			1.20	SPT	N=21 (5,3,5,5,5,6)		Medium dense light grey gravelly fine and medium SAND with a low cobble content. Gravel is subrounded and rounded fine to coarse of mixed lithologies including quartz, sandstone and mudstone. (GLACIOFLUVIAL SHEET DEPOSITS)	1.20	(0.20)			
			1.50	PID	0.4ppm		Medium dense orangish brown gravelly fine and medium SAND with a low cobble content. Gravel is subrounded and rounded fine to coarse of mixed lithologies including quartz, sandstone and mudstone. (GLACIOFLUVIAL SHEET DEPOSITS)	1.40	(1.10)			
			2.00	SPT	N=24 (5,5,4,5,6,9)			2				
			2.60	PID	0.8ppm		Medium dense dark brown gravelly medium and coarse SAND. Gravel is subrounded and rounded fine to coarse of mixed lithologies including quartz, sandstone and mudstone. (GLACIOFLUVIAL SHEET DEPOSITS)	2.50	(0.50)			
			2.80	EW								
			3.00	SPT	N=8 (2,2,2,2,2,2)		Loose dark brown medium to coarse SAND. (GLACIOFLUVIAL SHEET DEPOSITS)	3.00	(0.50)			
			3.30	PID	0.5ppm							
			3.50	SPT	N=12 (1,1,2,2,4,4)		Firm dark brown CLAY. (GLACIAL TILL - COHESIVE)	3.50	(0.20)			
							End of Borehole at 3.70m	3.70				
								4				
								5				
								6				

General Remarks:
1. Hand dug pit to 1.2m bgl. 2. Windowless sample drilling from 1.2m to 3.7m bgl. 3. Terminated at 3.7m bgl due to poor recovery and continous collapse. 4. Installed with a response zone between 1m and 3m bgl. 5. Groundwater encountered at 2.5m bgl. 6. No visual or olfactory evidence of contamination.

Logged in general accordance with BS5930:2015

Hydrock now Stantec

Project: Sharston Road, Sharston

Borehole No
WS108
Page No. 1 of 1

Method: Dynamic (Windowless) Sampler	Date(s): 11/12/2024	Logged By: BH	Drilled By: DMW
Client: Kier Property Ltd	Co-ords: 383281.37, 389330.81	Checked By: MG	Rig: Archway Dart
Hydrock Project No: 35838			Scale: 1:30

Sample Run Info			Testing			Water-Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrumentation / Backfill
Sample Run	Run Ø	Recovery	Depth (m)	Type	Results							
							Light grey CONCRETE. (HARDSTANDING)	0.15	(0.15)			
			0.30 - 0.40	ES			Dark grey slightly ashy sandy angular to subangular fine to coarse GRAVEL of brick, asphalt, ceramics, sandstone and rare plastic with a low cobble and boulder content of brick. (MADE GROUND)	0.50	(0.35)			
			0.30	PID	0.9ppm							
			0.60	B			Orangish brown gravelly fine and medium SAND with a low cobble content. Gravel is subrounded and rounded fine to coarse of mixed lithologies including quartz, sandstone and mudstone. (GLACIOFLUVIAL SHEET DEPOSITS)	1.10	(0.60)			
			0.60	ES								
			0.60 - 1.00	B								
			0.70	PID	0.8ppm							
			1.20	SPT	N=16 (2,3,3,4,4,5)		Medium dense light grey gravelly fine and medium SAND. Gravel is angular to rounded fine to coarse of mixed lithologies including quartz, sandstone and mudstone. (GLACIOFLUVIAL SHEET DEPOSITS)	1.70	(0.60)			
			1.70	PID	0.5ppm							
			2.00	SPT	50/230mm (6,11,16,15,17,2)		Dense dark orangish brown gravelly fine and medium SAND. Gravel is angular to rounded fine to coarse of mixed lithologies including sandstone and quartz. (GLACIOFLUVIAL SHEET DEPOSITS)	2.70	(1.00)			
			2.60	EW								
			2.70	PID	0.7ppm	▼						
			3.00	SPT	N=10 (2,2,1,2,3,4)		Medium dense dark brown very gravelly medium and coarse SAND. Gravel is subangular to rounded fine to coarse of mixed lithologies including mudstone, sandstone and rare quartz. (GLACIOFLUVIAL SHEET DEPOSITS)	3.00	(0.30)			
			3.10	D			Firm dark brown slightly gravelly CLAY. Gravel is angular to subrounded fine and medium of mixed lithologies including sandstone, mudstone and rare quartz. (GLACIAL TILL - COHESIVE)	3.50	(0.50)			
			3.10	D								
			3.10	PID	0.5ppm							
			3.50	SPT	N=8 (1,1,1,2,2,3)		End of Borehole at 3.50m					

General Remarks:
1. Hand dug pit to 1.2m bgl. 2. Windowless sample drilling from 1.2m to 3.5m bgl. 3. Terminated at 3.5m bgl due to poor recovery and continous collapse. 4. Installed with a response zone between 1m and 3m bgl. 4 Groundwater encountered at 2.80m bgl. 5. No visual or olfactory evidence of contamination.

Logged in general accordance with BS5930:2015

Hydrock now Stantec

Project: Sharston Road, Sharston	Borehole No WS109 Page No. 1 of 1

Method: Dynamic (Windowless) Sampler	Date(s): 12/12/2024	Logged By: BH	Drilled By: DMW
Client: Kier Property Ltd	Co-ords: 383215.45, 389316.91	Checked By: MG	Rig: Archway Dart
Hydrock Project No: 35838	Ground Level: 34.85m OD		Scale: 1:30

Sample Run Info			Testing			Water-Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrumentation / Backfill
Sample Run	Run Ø	Recovery	Depth (m)	Type	Results							
			0.20 - 0.40	ES			Black ASPHALT. (HARDSTANDING)	0.07	(0.07)	34.78		
			0.30	ES			Light brown sandy fine to coarse GRAVEL of limestone. (MADE GROUND)	0.20	(0.13)	34.65		
			0.40	PID			Dark brown and black slightly ashy slightly clayey very gravelly fine to coarse SAND. Gravel is angular and subangular fine to coarse of sandstone, quartz and asphalt, brick and clinker. (MADE GROUND)	0.40	(0.20)	34.45		
			0.50 - 0.60	ES								
			0.60	PID	0.1ppm		Medium dense orangish brown gravelly fine to medium SAND. Gravel is rounded fine and medium of sandstone. (GLACIOFLUVIAL SHEET DEPOSITS)					
			1.20	SPT	N=11 (2,2,3,2,3,3)				(1.50)			
			1.50	PID	0.3ppm							
			1.90	SPT	50/51mm (15,10,15,16,19)		End of Borehole at 1.90m	1.90		32.95		

General Remarks:
1. Hand dug pit to 1.2m bgl. 2. Wiindowless sample drilling from 1.2m to 1.9m bgl. 3. Terminated at 1.9m bgl on refusal of barrel and installed with a response zone between 0.9m and 1.9m bgl. 4. No groundwater encountered. 5. No visual or olfactory evidence of contamination.

Logged in general accordance with BS5930:2015

Hydrock now Stantec

Project: Sharston Road, Sharston

Borehole No
WS110
Page No. 1 of 1

Method: Dynamic (Windowless) Sampler	Date(s): 10/12/2024	Logged By: BH	Drilled By: DMW
Client: Kier Property Ltd	Co-ords: 383252.27, 389305.73	Checked By: MG	Rig: Modular
Hydrock Project No: 35838			Scale: 1:30

Sample Run Info			Testing			Water-Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrumentation / Backfill
Sample Run	Run Ø	Recovery	Depth (m)	Type	Results							
							Light grey CONCRETE. (HARDSTANDING)	0.20	(0.20)			
			0.30 0.30	ES ES			Grey and brown sandy angular and subangular fine to coarse GRAVEL of limestone. (MADE GROUND) *... TEXTILE*	0.30	(0.10)			
							Orangish brown gravelly fine to medium SAND. Gravel is very angular to subangular fine to coarse of brick and concrete. (MADE GROUND) *... At 0.40m bgl: Fragments of suspected asbestos cement.*	0.60	(0.30)			
							End of Borehole at 0.60m					

General Remarks:
1. Hand dug put to 0.6m bgl. 2. Terminated at 0.6m bgl due to suspected asbestos.

Logged in general accordance with BS5930:2015

Hydrock now Stantec

Project: Sharston Road, Sharston

Borehole No
WS110A
Page No. 1 of 1

Method: Dynamic (Windowless) Sampler	Date(s): 11/12/2024	Logged By: BH	Drilled By: DMW
Client: Kier Property Ltd	Co-ords: 383254.55, 389311.23	Checked By: MG	Rig: Archway Dart
Hydrock Project No: 35838			Scale: 1:30

Sample Run Info			Testing			Water-Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrumentation / Backfill
Sample Run	Run Ø	Recovery	Depth (m)	Type	Results							
			0.40 - 0.50	ES			Light grey CONCRETE. (HARDSTANDING)	0.19	(0.19)			
							Orangish brown gravelly fine to medium SAND. Gravel is very angular to subangular fine to coarse of limestone, concrete and rare brick. (MADE GROUND)	0.78	(0.59)			
							End of Borehole at 0.78m					

General Remarks:
1. Hand dug pit to 0.78m bgl. 2. Terminated at 0.78m bgl on concrete obstruction and backfilled with arisings.

Logged in general accordance with BS5930:2015

Hydrock now Stantec

Project: Sharston Road, Sharston	Borehole No WS111 Page No. 1 of 1

Method: Dynamic (Windowless) Sampler	Date(s): 12/12/2024	Logged By: BH	Drilled By: DMW
Client: Kier Property Ltd	Co-ords: 383171.56, 389295.49	Checked By: MG	Rig: Archway
Hydrock Project No: 35838	Ground Level: 35.23m OD		Scale: 1:30

Sample Run Info			Testing			Water-Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrumentation / Backfill
Sample Run	Run Ø	Recovery	Depth (m)	Type	Results							
			0.15	PID	0.1ppm		Black ASPHALT. (HARDSTANDING)	0.10	(0.10)	35.13		
			0.30	PID	0.1ppm		Light brown slightly sandy angular to subangular fine to coarse GRAVEL of limestone with a low cobble content of limestone. (MADE GROUND)	0.30	(0.20)	34.93		
			0.40 - 0.50	ES			Dark brown slightly sandy slightly ashy clayey subangular to angular fine to coarse GRAVEL of limestone, asphalt and quartz. (MADE GROUND)	0.50	(0.20)	34.73		
			0.80 - 0.90	ES			Medium dense orangish brown gravelly fine to medium SAND. Gravel is subrounded to rounded fine to coarse of mixed lithologies including sandstone, mudstone and quartz. (GLACIOFLUVIAL SHEET DEPOSITS)					
			0.80	PID	0.8ppm							
			1.20	SPT	N=16 (2,2,3,4,5,4)							
			1.50	PID	0.2ppm							
			2.00	SPT	N=14 (4,3,4,3,4,3)				(3.20)			
			2.50	PID	0.1ppm							
			3.00	SPT	N=15 (5,8,5,4,3,3)	▼						
			3.50	PID	0.2ppm							
							Firm dark brown slightly gravelly CLAY. Gravel is subrounded and rounded fine of quartz. (GLACIAL TILL - COHESIVE)	3.70	(0.30)	31.53		
			4.00	SPT	N=16 (2,2,2,4,4,6)	▼		4.00		31.23		
			4.20	PID	0.2ppm		Medium dense orangish brown gravelly fine to coarse SAND. Gravel is subrounded to rounded fine to coarse of mixed lithologies including sandstone, mudstone and quartz. (GLACIAL TILL - GRANULAR)		(1.00)			
			5.00	SPT	N=25 (3,4,5,5,7,8)		End of Borehole at 5.00m	5.00		30.23		

General Remarks:
1. Hand dug pit to 1.2m bgl. 2. Windowless sample drilling from 1.2m bgl to 5m bgl. 3. Complete at 5m bgl backfilled with arisings. 4. Groundwater encountered at 3m bgl. 5. No visual or olfactory evidence of contamination.

Logged in general accordance with BS5930:2015

Hydrock now Stantec

Project: Sharston Road, Sharston

Borehole No
WS112
Page No. 1 of 1

Method: Dynamic (Windowless) Sampler	Date(s): 09/12/2024 - 10/12/2024	Logged By: BH	Drilled By: DMW
Client: Kier Property Ltd	Co-ords: 383209.93, 389295.91	Checked By: MG	Rig: Modular
Hydrock Project No: 35838			Scale: 1:30

Sample Run Info			Testing			Water-Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrumentation / Backfill
Sample Run	Run Ø	Recovery	Depth (m)	Type	Results							
							Light grey CONCRETE. (HARDSTANDING)	0.18	(0.18)			
			0.20 - 0.30	ES			Grey and dark grey clayey slightly sandy angular fine to coarse GRAVEL of limestone and concrete. (MADE GROUND)	0.40	(0.22)			
			0.30	PID	1.4ppm		Medium dense becoming dense oangish brown gravelly fine to medium SAND. Gravel is subrounded fine to coarse of quartz, sandstone and mudstone. (GLACIOFLUVIAL SHEET DEPOSITS) *... From 0.40m to 1.00m bgl: Frequent lenses of soft brown CLAY.*					
			0.50	B								
			0.50 - 1.00	B								
			0.70 - 0.80	ES								
			0.70	PID	0.9ppm							
			0.90	PID	1.2ppm			1				
			1.20	SPT	N=20 (4,5,5,5,5,5)							
			1.50	PID	0.4ppm				(2.40)			
			2.00	SPT	N=44 (8,9,10,10,12,12)			2				
			2.50	PID	0.5ppm	▼		2.80				
			2.90	PID	0.5ppm		Medium dense dark brown gravelly medium to coarse SAND with small lenses. Gravel is subrounded to rounded fine to coarse of quartz, sandstone and mudstone. (GLACIOFLUVIAL SHEET DEPOSITS)	3	(0.25)			
			3.00	EW				3.05				
			3.20	PID	1.7ppm		Firm dark brown slightly gravelly CLAY. Gravel is angular fine of coal. (GLACIAL TILL - COHESIVE)					
			3.50	SPT	N=15 (3,3,4,3,4,4)				(1.05)			
								4				
								4.10				
							End of Borehole at 4.10m					
								5				
								6				

General Remarks:
1. Hand dug pit to 1.2m bgl. 2. Windowless sample drilling from 1.2m to 4.1m bgl. 3. Complete at 4.1m bgl and installed with a response zone between 1m and 3m bgl.4. Groundwater encountered at 2.8m bgl. 5. No visual or olfactory evidence of contamination.

Logged in general accordance with BS5930:2015

Hydrock now Stantec

Project: Sharston Road, Sharston

Borehole No
WS113
Page No. 1 of 1

Method: Dynamic (Windowless) Sampler	Date(s): 10/12/2024	Logged By: BH	Drilled By: DMW
Client: Kier Property Ltd	Co-ords: 383237.14, 389277.26	Checked By: MG	Rig: Modular
Hydrock Project No: 35838			Scale: 1:30

Sample Run Info			Testing			Water-Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrumentation / Backfill
Sample Run	Run Ø	Recovery	Depth (m)	Type	Results							
							Light grey CONCRETE. (HARDSTANDING)	0.15	(0.15)			
			0.30 - 0.40	ES			Dark brown and grey slightly sandy angular to subangular fine to coarse GRAVEL of limestone and rare ceramics. (MADE GROUND)	0.50	(0.35)			
			0.30	PID	1.1ppm							
			0.60	PID	0.8ppm		Medium dense orangish brown gravelly fine to medium SAND. Gravel is subrounded fine to coarse of quartz, sandstone and mudstone. (GLACIOFLUVIAL SHEET DEPOSITS)	1				
			1.20	SPT	N=10 (3,2,2,2,3,3)							
			1.20	B								
			1.20 - 3.00	B								
			1.30	PID	1.5ppm				(2.30)			
			1.50 - 1.60	ES								
			2.00	SPT	N=27 (4,4,6,6,7,8)			2				
			2.50	PID	0.3ppm							
			2.80	EW		▼		2.80				
			2.80	PID	1.1ppm		Medium dense dark grey gravelly medium to coarse SAND. Gravel is subrounded to rounded fine to coarse of quartz, sandstone and mudstone. (GLACIOFLUVIAL SHEET DEPOSITS)	3.00	(0.20)			
			3.00	SPT	N=22 (2,2,4,5,6,7)			3				
			3.00	D			Firm becoming stiff dark brown slightly gravelly CLAY. Gravel is angular fine of coal and mudstone. (GLACIAL TILL - COHESIVE)					
			3.00 - 3.50	D								
			3.00	PID	0.6ppm							
			4.00	SPT	N=11 (2,2,2,2,3,4)			4	(2.00)			
			4.80	PID	0.7ppm							
			5.00	SPT	N=17 (2,2,3,4,5,5)		End of Borehole at 5.00m	5.00				
								5				
								6				

General Remarks:
1. Hand dug pit to 1.2m bgl. 2. Windowless sample drilling from 1.2m to 5m bgl. 3. Complete at 5m bgl and installed with a response zone between 1m and 3m bgl. 4 Groundwater encountered at 2.8m bgl. 5. No visual or olfactory evidence of contamination.

Logged in general accordance with BS5930:2015

Hydrock now Stantec

Project: Sharston Road, Sharston

Borehole No
WS114
Page No. 1 of 1

Method: Dynamic (Windowless) Sampler	Date(s): 17/12/2024	Logged By: BH	Drilled By: DMW
Client: Kier Property Ltd	Co-ords: 383262.65, 389265.08	Checked By: MG	Rig: Archway Dart
Hydrock Project No: 35838	Ground Level: 35.01m OD		Scale: 1:30

Sample Run Info			Testing			Water-Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrumentation / Backfill
Sample Run	Run Ø	Recovery	Depth (m)	Type	Results							
							Light grey CONCRETE. (HARDSTANDING)	0.19	(0.19)	34.82		
			0.25	PID	0.3ppm		Light brown sandy fine to coarse GRAVEL of limestone. (MADE GROUND)	0.30	(0.11)	34.71		
			0.30 - 0.40	ES			Dark brown clayey gravelly fine to medium SAND with a low cobble content of brick. Gravel is angular fine to coarse of limestone. (MADE GROUND)	0.40	(0.10)	34.61		
			0.35	PID	0.2ppm		Dark organish brown slightly gravelly fine to medium SAND. Gravel is angular to rounded fine to coarse of mixed lithologies including sandstone, mudstone and rare quartz. (GLACIOFLUVIAL SHEET DEPOSITS)	0.80	(0.40)	34.21		
			0.50 - 0.60	ES								
			0.50	PID	2.2ppm							
							Medium dense becoming dense orangish brown gravelly fine to medium SAND. Gravel is subrounded to rounded fine to coarse of mixed lithologies including sandstone, mudstone and quartz. (GLACIOFLUVIAL SHEET DEPOSITS)	1				
			1.10	PID	0.2ppm							
			1.20	SPT	N=26 (2,4,5,6,7,8)							
			1.60	PID	0.3ppm							
									(2.15)			
			2.00	SPT	N=44 (6,6,7,14,11,12)			2				
			2.50	PID	0.2ppm							
						▼		2.95		32.06		
			3.00	SPT	N=14 (4,3,3,3,3,5)		Medium dense dark brown slightly gravelly medium and coarse SAND. Gravel is subangular rounded fine to coarse of mixed lithologies including quartz, sandstone and mudstone. (GLACIOFLUVIAL SHEET DEPOSITS)	3	(0.50)			
								3.45		31.56		
							End of Borehole at 3.45m					
								4				
								5				
								6				

General Remarks:
1. Hand dug pit to 1.2m bgl. 2. Windowless sample drilling from 1.2m to 3.45m bgl. 3. Terminated at 3.45m bgl due to continuous collapse and installed with a response zone between 1m and 2m bgl. 4. Groundwater encountered at 2.95m bgl. 5. No visual or olfactory evidence of contamination.

Logged in general accordance with BS5930:2015

Hydrock now Stantec

Project: Sharston Road, Sharston

Borehole No
WS115
Page No. 1 of 1

Method: Dynamic (Windowless) Sampler	Date(s): 12/12/2024	Logged By: BH	Drilled By: DMW
Client: Kier Property Ltd	Co-ords: 383216.28, 389258.32	Checked By: MG	Rig:
Hydrock Project No: 35838	Ground Level: 36.01m OD		Scale: 1:30

Sample Run Info			Testing			Water-Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrumentation / Backfill
Sample Run	Run Ø	Recovery	Depth (m)	Type	Results							
			0.15 - 0.20	ES			Light grey CONCRETE. (HARDSTANDING)	0.15	(0.15)	35.86		
			0.15	PID	0.3ppm		Black ashy gravelly fine to coarse SAND. Gravel is subangular fine and medium of clinker and asphalt. (MADE GROUND)	0.20 / 0.30	(0.05) / (0.10)	35.81 / 35.71		
			0.20 - 0.30	ES			Soft dark grey sandy gravelly CLAY with a low boulder content of concrete. Gravel is subangular fine to coarse clinker, limestone and sandstone. (MADE GROUND)	0.60	(0.30)	35.41		
			0.25	PID	0.5ppm		Orangish brown gravelly fine to medium SAND. Gravel is subrounded to rounded fine to coarse of mixed lithologies including sandstone, mudstone and quartz. (GLACIOFLUVIAL SHEET DEPOSITS)					
			0.65	PID	0.4ppm							
			0.90	PID	0.3ppm							
			1.10	PID	0.4ppm							
			1.20	SPT	N=14 (2,2,3,4,3,4)		Medium dense greyish brown gravelly fine to coarse SAND. Gravel is subrounded to rounded fine to coarse of sandstone, quartzite and mudstone. (GLACIOFLUVIAL SHEET DEPOSITS)	1	(2.40)			
			2.00	SPT	N=33 (5,5,6,7,8,12)			2				
			2.50	PID	0.5ppm							
			3.00	SPT	N=20 (3,3,4,4,6,6)		Firm becoming stiff dark brown CLAY. (GLACIAL TILL - COHESIVE)	3.00 3		33.01		
			3.50	PID	0.5ppm							
			4.00	SPT	N=8 (1,2,2,2,2,2)			4	(2.00)			
			4.50	PID	0.3ppm							
			5.00	SPT	N=19 (3,3,5,5,4,5)		End of Borehole at 5.00m	5.00 5		31.01		
								6				

General Remarks:
1. Hand dug pit to 1.2m bgl. 2. Windowless sample drilling from 1.2m bgl to 5m bgl. 3. Complete at 5m bgl and installed with a response zone between 0.7m and 2.7m bgl. 4. Groundwater encountered at 3m bgl. 5. No visual or olfactory evidence of contamination.

Logged in general accordance with BS5930:2015

Exploratory hole photographs

Site Investigation Photograph 1

Date: 10/12/24

Direction Photograph Taken: N/A

Description: WS112 1.2m to 3.5m bgl.



Site Investigation Photograph 2

Date: 10/12/24

Direction Photograph Taken: N/A

Description: WS113 1.2 to 5.0m bgl.



Site Investigation Photograph 3

Date: 11/12/24

Direction Photograph Taken: N/A

Description: WS108 1.2m to 3.3m bgl.



Site Investigation Photograph 4

Date: 11/12/24

Direction Photograph Taken: N/A

Description: WS105 1.2m to 4.0m bgl.



Site Investigation Photograph 5

Date: 11/12/24

Direction Photograph Taken: N/A

Description: WS106 1.2m to 2.0m bgl.



Site Investigation Photograph 6

Date: 12/12/24

Direction Photograph Taken: N/A

Description: WS107 1.2m to 3.7m bgl.



Appendix D Geotechnical test results and geotechnical plots

Geotechnical laboratory test results

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Analytical Report Number : 24-060045

Project / Site name:	Sharston Industrial Estate	**Samples received on:**	13/12/2024
Your job number:	35838	**Samples instructed on/ Analysis started on:**	18/12/2024
Your order number:	PO38559	**Analysis completed by:**	31/12/2024
Report Issue Number:	1	**Report issued on:**	31/12/2024
Samples Analysed:	10 soil samples		

Signed:

Adan Cazas Garcia
Key Account Manager
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting
air	- once the analysis is complete

Excel copies of reports are only valid when accompanied by this PDF certificate.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.
Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate of measurement uncertainty can be provided on request.

This certificate should not be reproduced, except in full, without the express permission of the laboratory.
The results included within the report are representative of the samples submitted for analysis.

Analytical Report Number: 24-060045
Project / Site name: Sharston Industrial Estate
Your Order No: PO38559

Lab Sample Number				411561	411562	411563	411564	411565
Sample Reference				WS108	CP105	CP103	CP101	CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix				N/A	N/A	N/A	N/A	N/A
Depth (m)				0.60	1.00	1.20	2.30	0.60
Date Sampled				12/12/2024	13/12/2024	13/12/2024	13/12/2024	13/12/2024
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Test Limit of detection**	**Test Accreditation Status**					
Stone Content	%	0.1	NONE	27.8	37.1	< 0.1	43.6	< 0.1
Moisture Content	%	0.01	NONE	6.4	2.2	21	4.1	16
Total mass of sample received	kg	0.1	NONE	0.4	0.4	0.4	0.5	0.3
General Inorganics								
pH (L099)	pH Units	N/A	MCERTS	7.9	7.7	7	7.5	8.4
Total Sulphate as SO_4	mg/kg	50	MCERTS	400	190	370	600	140
Total Sulphate as SO_4	%	0.005	MCERTS	0.04	0.019	0.037	0.06	0.014
Water Soluble Sulphate as SO_4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	350	53	150	230	56
Water Soluble SO_4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.174	0.0265	0.0743	0.114	0.0278
Water Soluble SO_4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	174	26.5	74.3	114	27.8
Water Soluble Chloride (2:1)	mg/kg	1	MCERTS	26	55	69	86	38
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	13	27	35	43	19
Total Sulphur	mg/kg	50	MCERTS	110	120	240	190	110
Total Sulphur	%	0.005	MCERTS	0.011	0.012	0.024	0.019	0.011
Ammoniacal Nitrogen as NH_4^+	mg/kg	0.5	MCERTS	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ammonium as NH_4^+ (10:1 leachate equivalent)	mg/l	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Water Soluble Nitrate (2:1) as NO_3	mg/kg	2	NONE	110	2.2	12	< 2.0	< 2.0
Water Soluble Nitrate (2:1) as NO_3 (leachate equivalent)	mg/l	5	NONE	55	< 5.0	6.1	< 5.0	< 5.0
Heavy Metals / Metalloids								
Magnesium (leachate equivalent)	mg/l	2.5	NONE	7.3	6.2	3.8	3.3	3.5
Magnesium (water soluble)	mg/kg	5	NONE	15	12	7.7	6.6	6.9

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

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Analytical Report Number: 24-060045
Project / Site name: Sharston Industrial Estate
Your Order No: PO38559

Lab Sample Number				411566	411567	411568	411569	411570
Sample Reference				WS103	WS109	WS105	CP102	WS107
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix				N/A	N/A	N/A	N/A	N/A
Depth (m)				0.40	0.30	0.70	5.00	0.35
Date Sampled				12/12/2024	12/12/2024	11/12/2024	13/12/2024	12/12/2024
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Test Limit of detection**	**Test Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	9.3
Moisture Content	%	0.01	NONE	14	8.3	8	15	1.3
Total mass of sample received	kg	0.1	NONE	0.4	0.4	0.5	0.4	0.4
General Inorganics								
pH (L099)	pH Units	N/A	MCERTS	8	7.8	8	7.6	8.3
Total Sulphate as SO_4	mg/kg	50	MCERTS	490	860	630	360	480
Total Sulphate as SO_4	%	0.005	MCERTS	0.049	0.086	0.063	0.036	0.048
Water Soluble Sulphate as SO_4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	120	400	540	190	130
Water Soluble SO_4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0617	0.199	0.269	0.0934	0.0656
Water Soluble SO_4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	61.7	199	269	93.4	65.6
Water Soluble Chloride (2:1)	mg/kg	1	MCERTS	110	22	260	4.6	23
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	56	11	130	2.3	11
Total Sulphur	mg/kg	50	MCERTS	240	240	520	110	400
Total Sulphur	%	0.005	MCERTS	0.024	0.024	0.052	0.011	0.04
Ammoniacal Nitrogen as NH_4^+	mg/kg	0.5	MCERTS	< 0.5	0.9	< 0.5	0.6	< 0.5
Ammonium as NH_4^+ (10:1 leachate equivalent)	mg/l	0.05	MCERTS	< 0.05	0.06	< 0.05	< 0.05	< 0.05
Water Soluble Nitrate (2:1) as NO_3	mg/kg	2	NONE	300	< 2.0	83	< 2.0	130
Water Soluble Nitrate (2:1) as NO_3 (leachate equivalent)	mg/l	5	NONE	150	< 5.0	42	< 5.0	64
Heavy Metals / Metalloids								
Magnesium (leachate equivalent)	mg/l	2.5	NONE	< 2.5	14	5.4	6.2	7.2
Magnesium (water soluble)	mg/kg	5	NONE	< 5.0	29	11	12	14

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Analytical Report Number : 24-060045
Project / Site name: Sharston Industrial Estate

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
411561	WS108	None Supplied	0.6	Brown sand with gravel and stones
411562	CP105	None Supplied	1	Brown sand with gravel and stones
411563	CP103	None Supplied	1.2	Brown clay and sand with gravel
411564	CP101	None Supplied	2.3	Brown gravelly sand with stones
411565	CP102	None Supplied	0.6	Brown clay and sand with gravel
411566	WS103	None Supplied	0.4	Brown sandy clay with gravel
411567	WS109	None Supplied	0.3	Brown clay and sand with gravel
411568	WS105	None Supplied	0.7	Brown sand with gravel
411569	CP102	None Supplied	5	Brown clay
411570	WS107	None Supplied	0.35	Brown sand with gravel and stones

Analytical Report Number : 24-060045
Project / Site name: Sharston Industrial Estate

Water matrix abbreviations:
Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)
Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Moisture Content	Moisture content, determined gravimetrically (up to 30°C)	In-house method	L019B	W	NONE
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight	In-house method based on British Standard Methods and MCERTS requirements.	L019B	D	NONE
Magnesium, water soluble, in soil	Determination of water soluble magnesium by extraction with water followed by ICP-OES	In-house method based on TRL 447	L038B	D	NONE
Total sulphate (as SO4 in soil)	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES	In-house method	L038B	D	MCERTS
Sulphate, water soluble, in soil (16hr extraction)	Sulphate, water soluble, in soil (16hr extraction)	In-house method	L038B	D	MCERTS
Total Sulphur in soil	Determination of total sulphur in soil by extraction with aqua-regia, potassium bromide/bromate followed by ICP-OES	In-house method	L038B	D	MCERTS
Water Soluble Nitrate (leachate equivalent)	Determination of nitrate by reaction with sodium salicylate and colorimetry	In-house method based on Examination of Water and Wastewatern & Polish Standard Method PN-82/C-04579.08, 2:1 extraction	L078-PL	W	NONE
Nitrate, water soluble, in soil	Determination of nitrate by reaction with sodium salicylate and colorimetry	In-house method based on Examination of Water and Wastewatern & Polish Standard Method PN-82/C-04579.08, 2:1 extraction	L078-PL	W	NONE
Chloride, water soluble, in soil	Determination of Chloride colorimetrically by discrete analyser	In-house method	L082B	D	MCERTS
Ammonium as NH4 in soil	Determination of Ammonium/Ammonia/ Ammoniacal Nitrogen by the colorimetric salicylate/nitroprusside method, 10:1 water extraction.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L082B	W	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement	In-house method	L099-PL	D	MCERTS

For method numbers ending in 'UK' or 'A' analysis have been carried out in our laboratory in the United Kingdom (Watford).
For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).
For method numbers ending in 'PL' or 'B' analysis have been carried out in our laboratory in Poland.
Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.
Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Quality control parameter failure associated with individual result applies to calculated sum of individuals.
The result for sum should be interpreted with caution

TEST CERTIFICATE

DETERMINATION OF LIQUID AND PLASTIC LIMITS

Tested in Accordance with: BS EN ISO 17892-12:2018+A2:2022, cl 5.3 and 5.5, Fall Cone Method, 4 Pt Test, BS 1377-2:2022, cl 5.2 and 6

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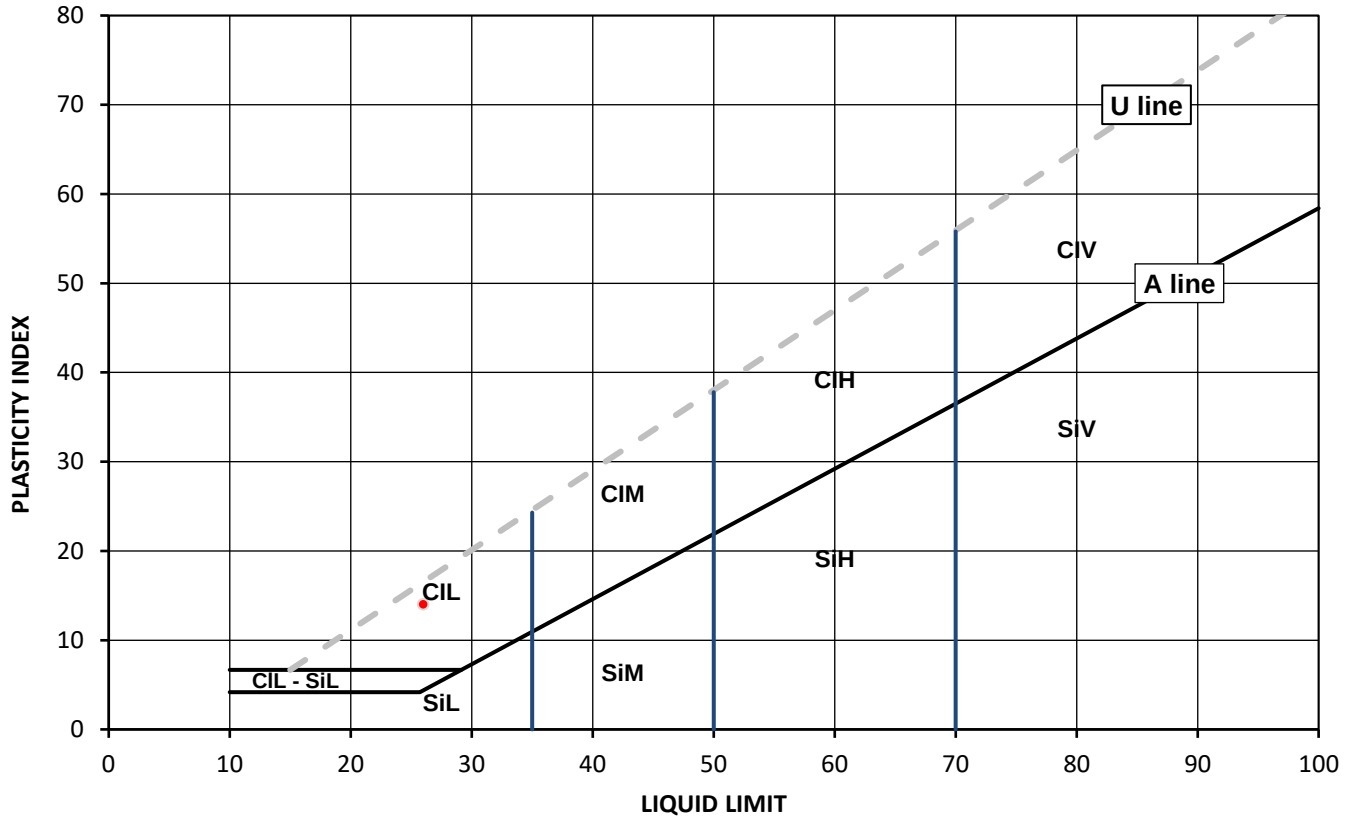
Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	19/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	09/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	412056	Depth Top [m]:	4.00
Hole No.:	CP101	Depth Base [m]:	4.45
Sample Reference:	7	Sample Type:	U
Sample Description:	Orangish brown slightly gravelly very sandy CLAY		
Sample Preparation:	Tested after washing to remove >0.425mm; The water content in the sample was increased		
Cone Type:	80g/30deg		

As Received Water Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	Liquidity Index [IL] % #	Consistency Index [IC] % #	% Passing 425µm BS Test Sieve
18.1	26	12	14	0.43	0.57	81



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN ISO 17892-1:2014+A1:2022, BS 1377-2:2022; # Non accredited

Remarks:

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Signed:

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

GF 337.14

TEST CERTIFICATE

DETERMINATION OF LIQUID AND PLASTIC LIMITS

Tested in Accordance with: BS EN ISO 17892-12:2018+A2:2022, cl 5.3 and 5.5, Fall Cone Method, 4 Pt Test, BS 1377-2:2022, cl 5.2 and 6

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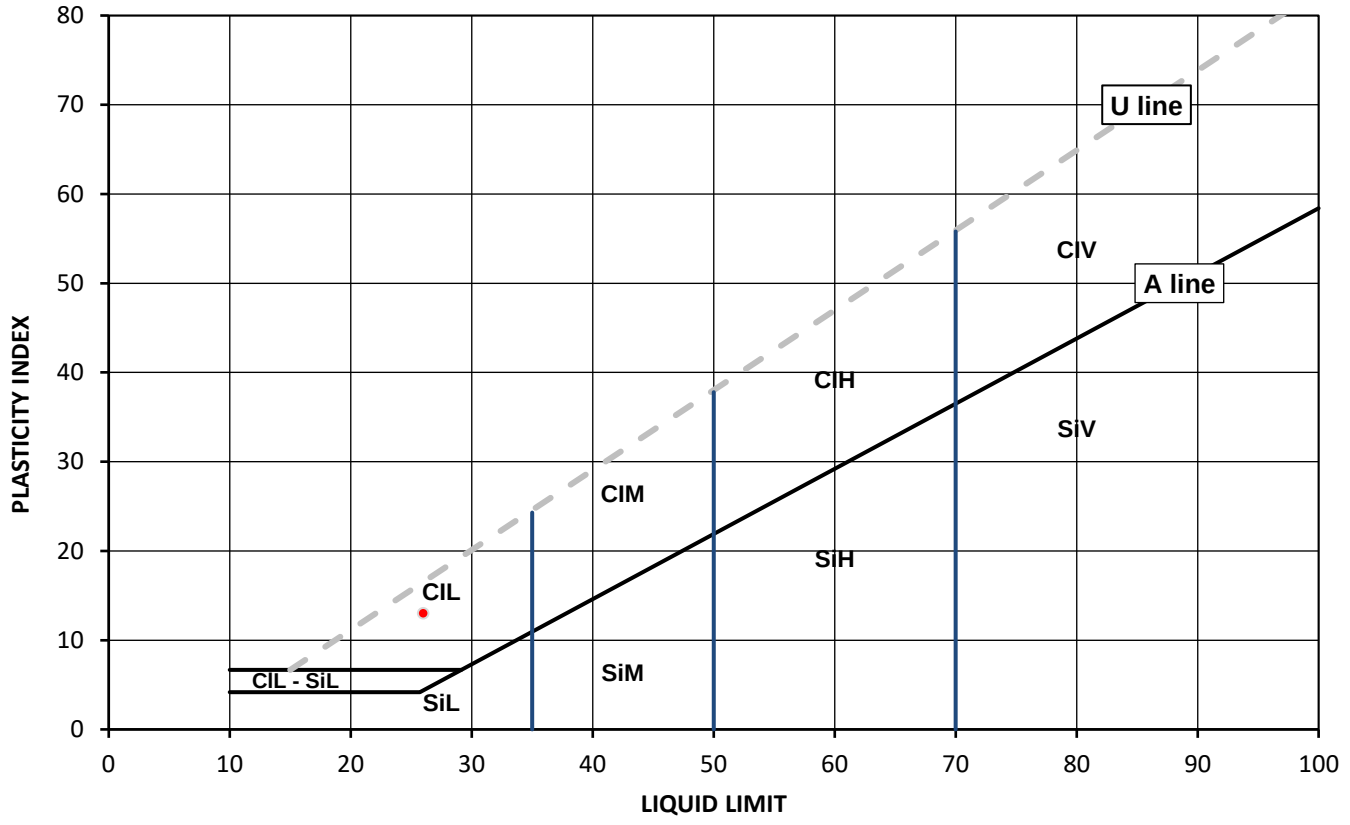
Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	08/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	412057	Depth Top [m]:	8.00
Hole No.:	CP101	Depth Base [m]:	8.45
Sample Reference:	12	Sample Type:	U
Sample Description:	Orangish brown slightly gravelly very sandy CLAY		
Sample Preparation:	Tested after washing to remove >0.425mm; The water content in the sample was increased		
Cone Type:	80g/30deg		

As Received Water Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	Liquidity Index [IL] % #	Consistency Index [IC] % #	% Passing 425µm BS Test Sieve
11.6	26	13	13	-0.08	1.08	86



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN ISO 17892-1:2014+A1:2022, BS 1377-2:2022; # Non accredited

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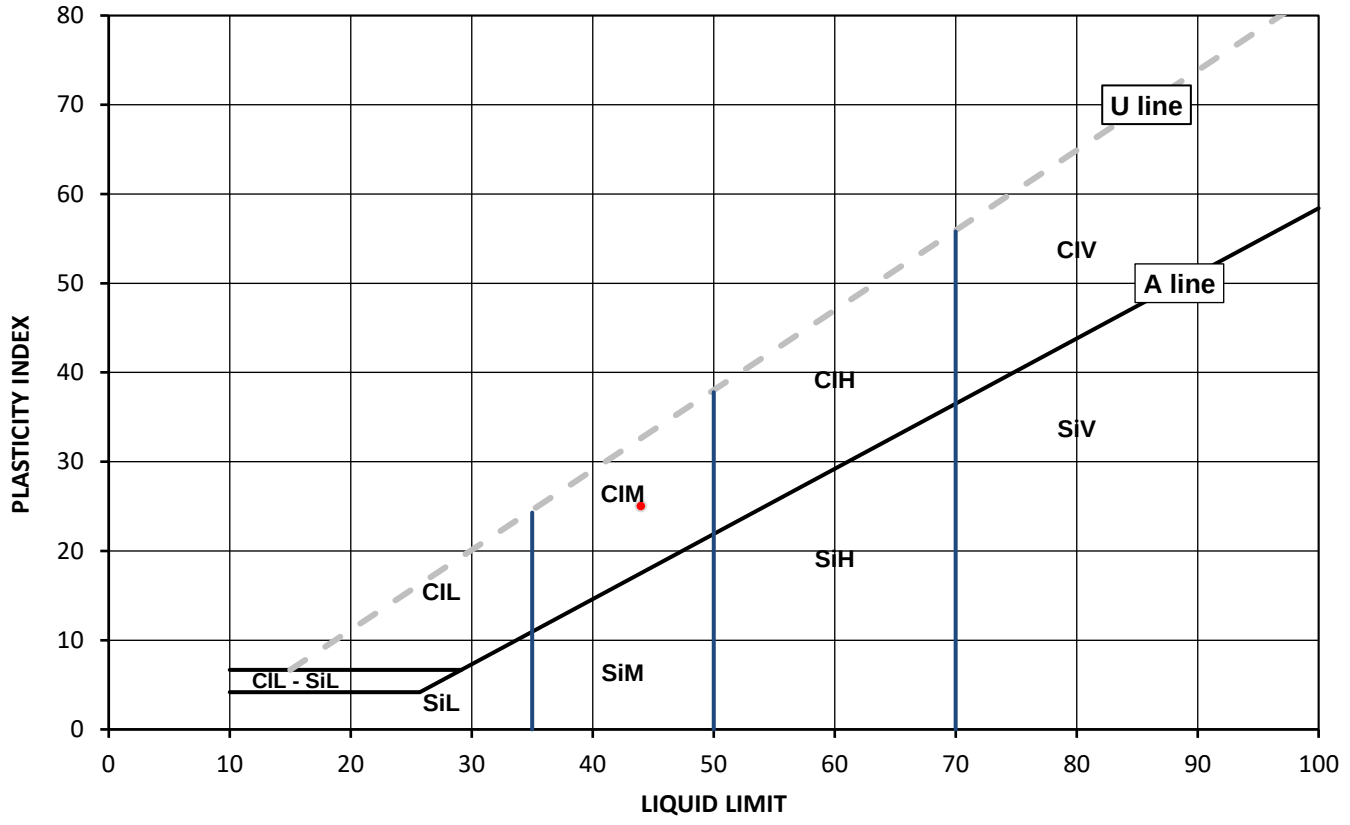
Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	08/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	412058	Depth Top [m]:	4.00
Hole No.:	CP102	Depth Base [m]:	4.45
Sample Reference:	8	Sample Type:	U
Sample Description:	Orangish brown slightly gravelly sandy CLAY		
Sample Preparation:	Tested after >0.425mm removed by hand; The water content in the sample was increased		
Cone Type:	80g/30deg		

As Received Water Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	Liquidity Index [IL] % #	Consistency Index [IC] % #	% Passing 425µm BS Test Sieve
20.2	44	19	25	0.04	0.96	89



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN ISO 17892-1:2014+A1:2022, BS 1377-2:2022; # Non accredited

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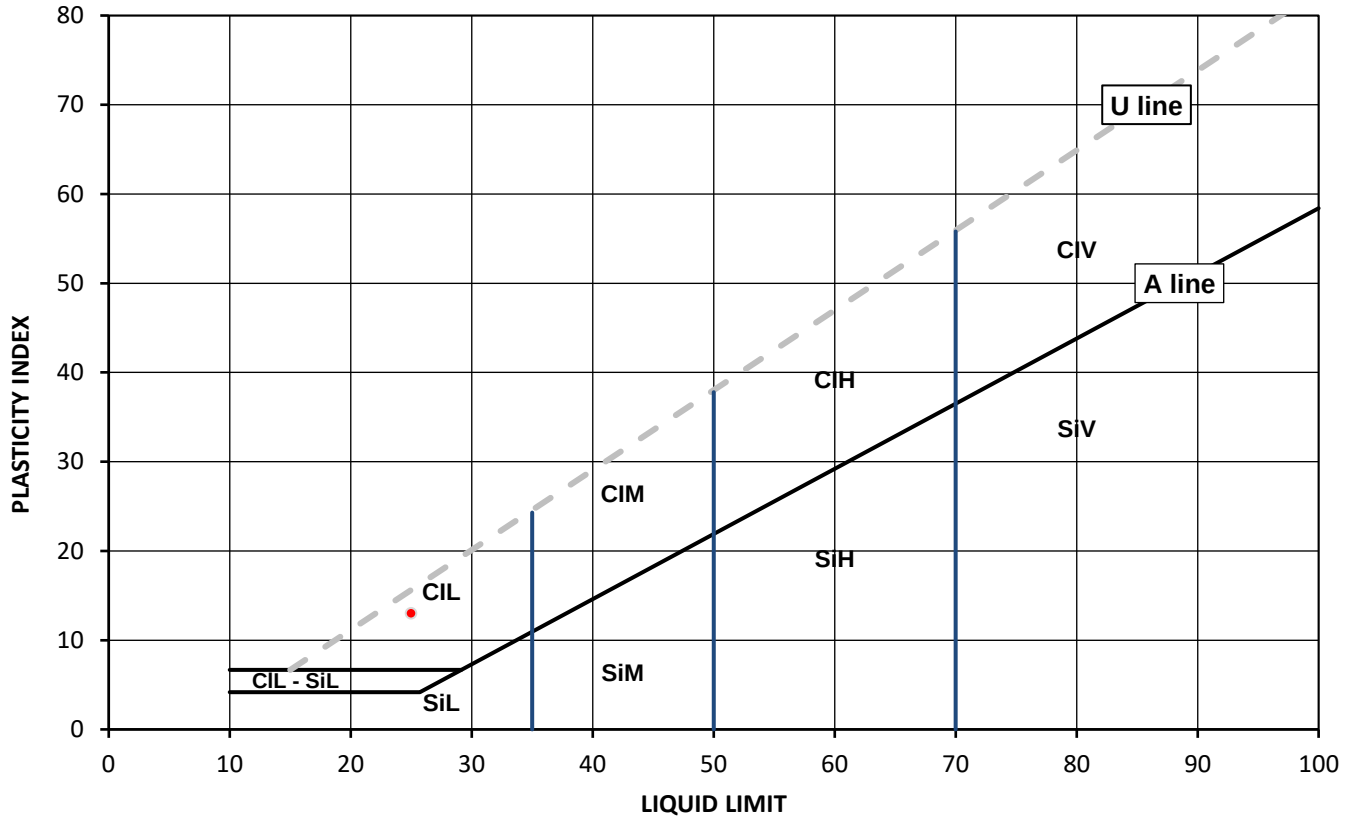
Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	08/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	412059	Depth Top [m]:	6.00
Hole No.:	CP103	Depth Base [m]:	6.95
Sample Reference:	10	Sample Type:	U
Sample Description:	Brown slightly gravelly clayey SAND		
Sample Preparation:	Tested after washing to remove >0.425mm; The water content in the sample was increased		
Cone Type:	80g/30deg		

As Received Water Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	Liquidity Index [IL] % #	Consistency Index [IC] % #	% Passing 425µm BS Test Sieve
11.8	25	12	13	0.00	1.00	83



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN ISO 17892-1:2014+A1:2022, BS 1377-2:2022; # Non accredited

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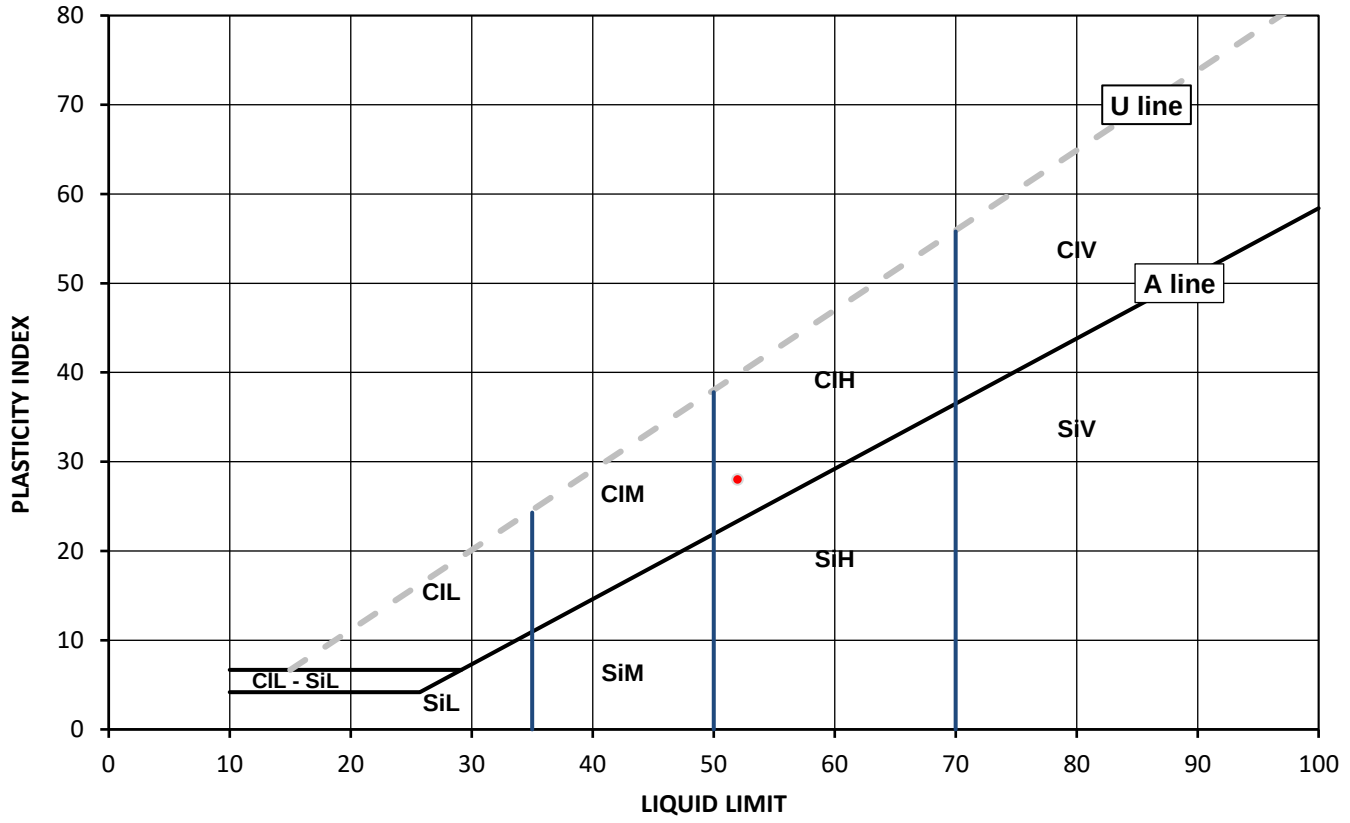
Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	08/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	412060	Depth Top [m]:	4.00
Hole No.:	CP105	Depth Base [m]:	4.45
Sample Reference:	Not Given	Sample Type:	U
Sample Description:	Orangish brown slightly sandy CLAY		
Sample Preparation:	Tested in natural condition; The water content in the sample was increased		
Cone Type:	80g/30deg		

As Received Water Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	Liquidity Index [IL] % #	Consistency Index [IC] % #	% Passing 425µm BS Test Sieve
21.6	52	24	28	-0.07	1.07	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN ISO 17892-1:2014+A1:2022, BS 1377-2:2022; # Non accredited

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Northampton NN4 7EB

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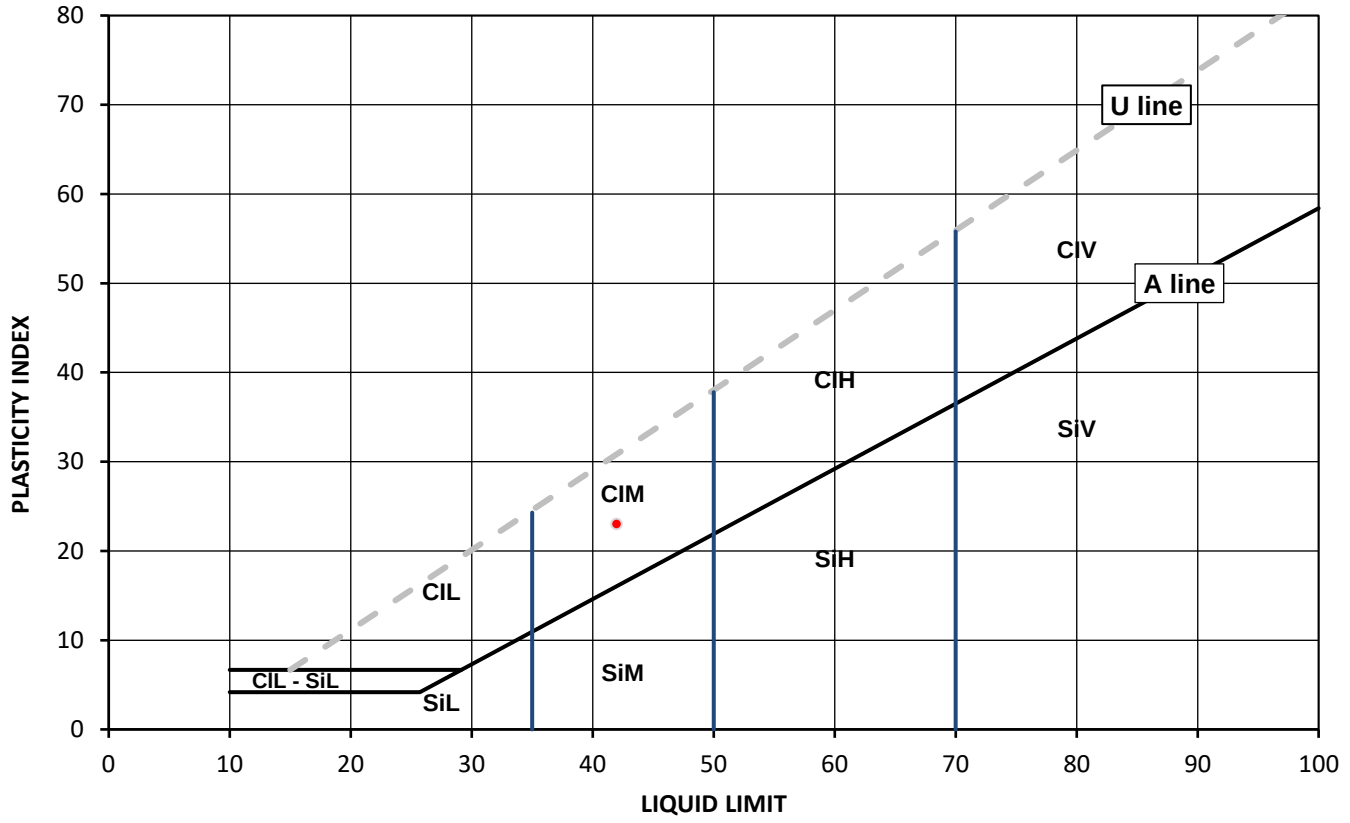
Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	02/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	412067	Depth Top [m]:	3.00
Hole No.:	WS113	Depth Base [m]:	3.50
Sample Reference:	1	Sample Type:	D
Sample Description:	Brown sandy CLAY		
Sample Preparation:	Tested in natural condition; The water content in the sample was increased		
Cone Type:	80g/30deg		

As Received Water Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	Liquidity Index [IL] % #	Consistency Index [IC] % #	% Passing 425µm BS Test Sieve
17.6	42	19	23	-0.04	1.04	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN ISO 17892-1:2014+A1:2022, BS 1377-2:2022; # Non accredited

Remarks:

Opinions and interpretations expressed herein are outside of the scope of the UKAS Accreditation. This report may not be reproduced other than in full without the prior written approval of the issuing laboratory. The results included within the report relate only to the sample(s) submitted for testing.

Signed:

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

GF 337.14

TEST CERTIFICATE

DETERMINATION OF LIQUID AND PLASTIC LIMITS

Tested in Accordance with: BS EN ISO 17892-12:2018+A2:2022, cl 5.3 and 5.5, Fall Cone Method, 4 Pt Test, BS 1377-2:2022, cl 5.2 and 6

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

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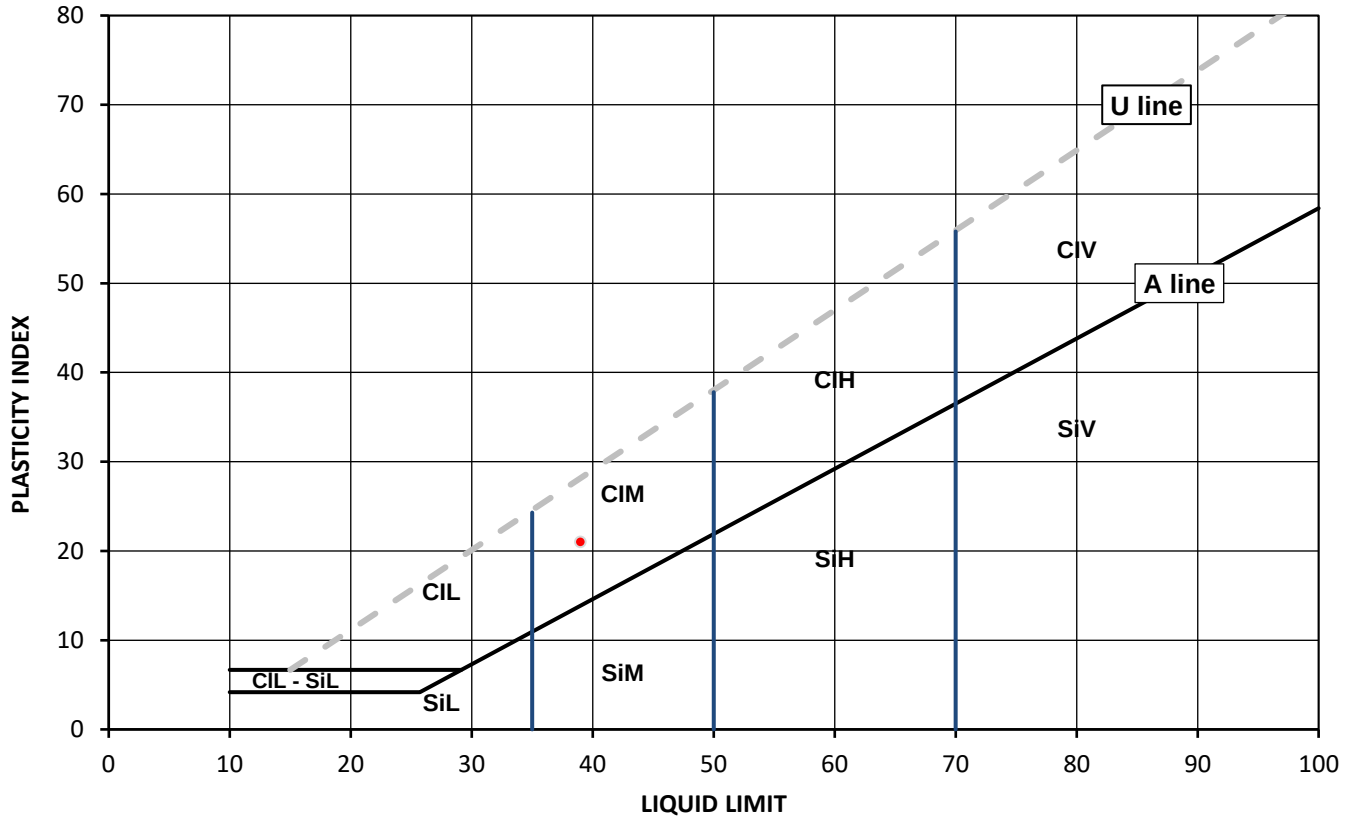
Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	02/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	412068	Depth Top [m]:	3.10
Hole No.:	WS108	Depth Base [m]:	Not Given
Sample Reference:	2	Sample Type:	D
Sample Description:	Brown slightly gravelly sandy CLAY		
Sample Preparation:	Tested after washing to remove >0.425mm; The water content in the sample was increased		
Cone Type:	80g/30deg		

As Received Water Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	Liquidity Index [IL] % #	Consistency Index [IC] % #	% Passing 425µm BS Test Sieve
20.6	39	18	21	0.14	0.86	76



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN ISO 17892-1:2014+A1:2022, BS 1377-2:2022; # Non accredited

Remarks:

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Signed:

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

GF 337.14

4041

TEST CERTIFICATE

DETERMINATION OF LIQUID AND PLASTIC LIMITS

Tested in Accordance with: BS EN ISO 17892-12:2018+A2:2022, cl 5.3 and 5.5, Fall Cone Method, 4 Pt Test, BS 1377-2:2022, cl 5.2 and 6

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Environmental Science

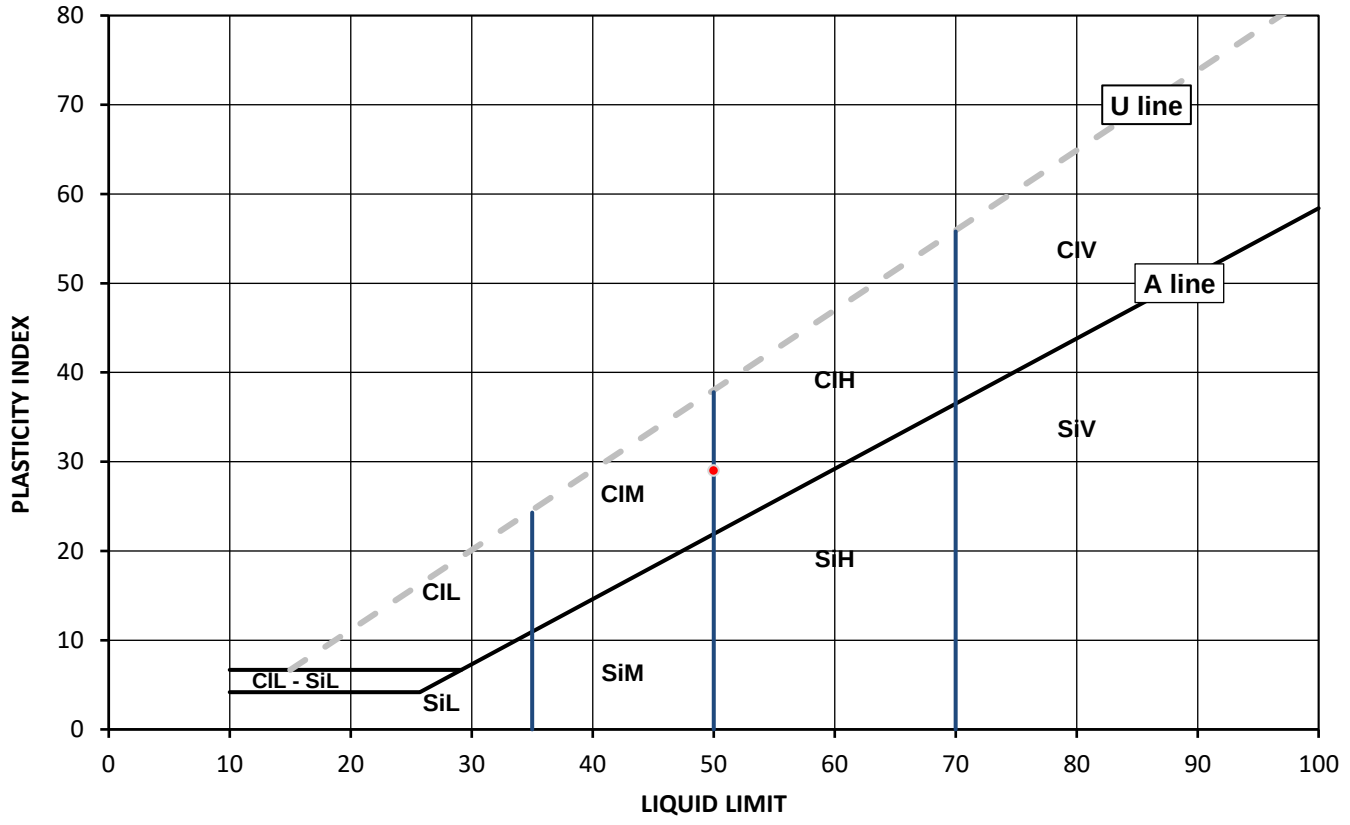
Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	02/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	412069	Depth Top [m]:	3.00
Hole No.:	WS105	Depth Base [m]:	3.50
Sample Reference:	1	Sample Type:	D
Sample Description:	Brown slightly sandy CLAY		
Sample Preparation:	Tested in natural condition; The water content in the sample was increased		
Cone Type:	80g/30deg		

As Received Water Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	Liquidity Index [IL] % #	Consistency Index [IC] % #	% Passing 425µm BS Test Sieve
27.1	50	21	29	0.21	0.79	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN ISO 17892-1:2014+A1:2022, BS 1377-2:2022; # Non accredited

Remarks:

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Signed:

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

GF 337.14

TEST CERTIFICATE

DETERMINATION OF LIQUID AND PLASTIC LIMITS

Tested in Accordance with: BS EN ISO 17892-12:2018+A2:2022, cl 5.3 and 5.5, Fall Cone Method, 4 Pt Test, BS 1377-2:2022, cl 5.2 and 6

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

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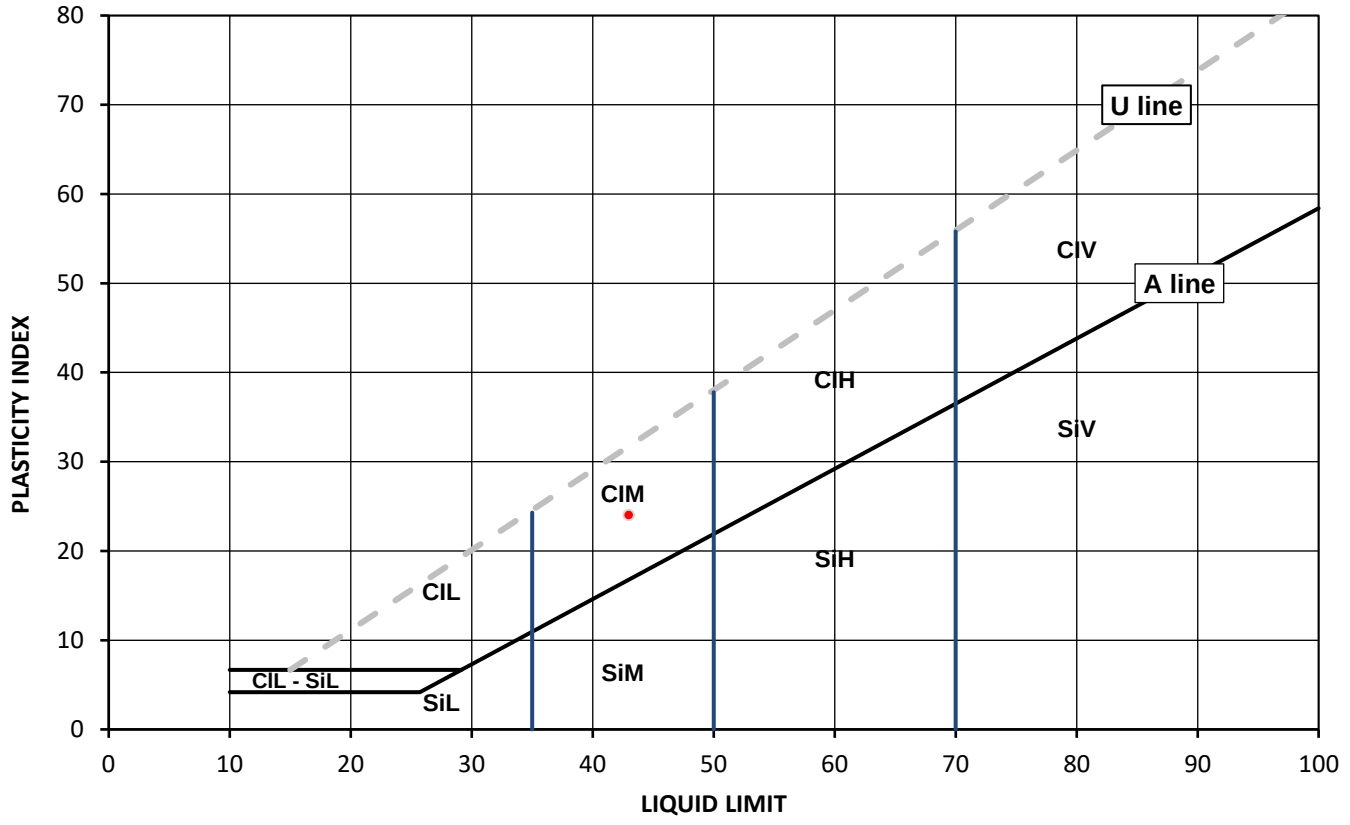
Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	02/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	412070	Depth Top [m]:	3.50
Hole No.:	CP105	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Sample Description:	Brown slightly gravelly sandy CLAY		
Sample Preparation:	Tested after >0.425mm removed by hand; The water content in the sample was increased		
Cone Type:	80g/30deg		

As Received Water Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	Liquidity Index [IL] % #	Consistency Index [IC] % #	% Passing 425µm BS Test Sieve
19.7	43	19	24	0.04	0.96	94



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN ISO 17892-1:2014+A1:2022, BS 1377-2:2022; # Non accredited

Remarks:

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Signed:

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

GF 337.14

SUMMARY REPORT

SUMMARY OF CLASSIFICATION TEST RESULTS

Tested in Accordance with:

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

4041

Client: Hydrock Consultants Ltd

Client Address: 4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY

Contact: Becky Homer

Site Address: Sharston Industrial Estate

BS EN ISO 17892-12:2018+A2:2022 cl 5.3 and 5.5, Fall Cone Method, 4 Pt Test, BS 1377-2:2022, cl 5.2 and 6. W by BS EN ISO 17892-1:2014+A1:2022.

Client Reference: 35838
Job Number: 24-060162-1
Date Sampled: 17/12 - 19/12/2024
Date Received: 18/12/2024
Date Tested: 03/01 - 09/01/2025
Sampled By: Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test results

Laboratory Reference	Hole No.	Sample				Description	Remarks	W	Liquid & Plastic Limit							Density		
		Reference	Depth Top m	Depth Base m	Type			%	% Passing 425um %	WL* %	Correlation Factor	Wp %	Ip %	Cone type	Sample Preparation	bulk Mg/m3	dry Mg/m3	PD Mg/m3
412056	CP101	7	4.00	4.45	U	Orangish brown slightly gravelly very sandy CLAY	Atterberg 4 Point	18.1	81	26	-	12	14	80g/30 deg	WR / I			
412057	CP101	12	8.00	8.45	U	Orangish brown slightly gravelly very sandy CLAY	Atterberg 4 Point	11.6	86	26	-	13	13	80g/30 deg	WR / I			
412058	CP102	8	4.00	4.45	U	Orangish brown slightly gravelly sandy CLAY	Atterberg 4 Point	20.2	89	44	-	19	25	80g/30 deg	R / I			
412059	CP103	10	6.00	6.95	U	Brown slightly gravelly clayey SAND	Atterberg 4 Point	11.8	83	25	-	12	13	80g/30 deg	WR / I			
412060	CP105	Not Given	4.00	4.45	U	Orangish brown slightly sandy CLAY	Atterberg 4 Point	21.6	100	52	-	24	28	80g/30 deg	N / I			
412061	WS112	1	0.50	1.00	B	Brown slightly gravelly very clayey SAND		11.6										
412062	WS105	1	0.70	1.00	B	Yellowish Brown slightly clayey SAND		7.7										
412063	CP101	1	0.30	0.60	B	Dark Brown slightly gravelly CLAY		30.1										
412064	WS107	1	0.80	1.20	B	Yellowish Brown gravelly SAND		6.5										
412065	WS104	1	0.20	0.50	B	Dark brown very sandy clayey GRAVEL with fragments of brick		16.4										

Note: # Non accredited; NP - Non plastic; N - Tested in natural condition, R - Tested after >0,425mm removed by hand, WR - Tested after washing to remove >425mm; I - The water content in the sample was increased , D - The water content in the sample was decreased; * - One point liquid limit corrected as per the report Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

Comments:

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Signed:

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025 **GF 362.16**

SUMMARY REPORT

SUMMARY OF CLASSIFICATION TEST RESULTS

Tested in Accordance with:

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Environmental Science

4041

Client: Hydrock Consultants Ltd

Client Address: 4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY

Contact: Becky Homer

Site Address: Sharston Industrial Estate

BS EN ISO 17892-12:2018+A2:2022 cl 5.3 and 5.5, Fall Cone Method, 4 Pt Test, BS 1377-2:2022, cl 5.2 and 6. W by BS EN ISO 17892-1:2014+A1:2022.

Client Reference: 35838
Job Number: 24-060162-1
Date Sampled: 17/12/2024
Date Received: 18/12/2024
Date Tested: 02/01 - 03/01/2025
Sampled By: Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test results

Laboratory Reference	Hole No.	Sample				Description	Remarks	W	Liquid & Plastic Limit							Density		
		Reference	Depth Top m	Depth Base m	Type			%	% Passing 425um %	WL* %	Correlation Factor	Wp %	Ip %	Cone type	Sample Preparation	bulk Mg/m3	dry Mg/m3	PD Mg/m3
412066	WS113	1	1.20	3.00	B	Yellowish brown to brown gravelly clayey SAND		16.3										
412067	WS113	1	3.00	3.50	D	Brown sandy CLAY	Atterberg 4 Point	17.6	100	42	-	19	23	80g/30 deg	N / I			
412068	WS108	2	3.10	Not Given	D	Brown slightly gravelly sandy CLAY	Atterberg 4 Point	20.6	76	39	-	18	21	80g/30 deg	WR / I			
412069	WS105	1	3.00	3.50	D	Brown slightly sandy CLAY	Atterberg 4 Point	27.1	100	50	-	21	29	80g/30 deg	N / I			
412070	CP105	Not Given	3.50	Not Given	D	Brown slightly gravelly sandy CLAY	Atterberg 4 Point	19.7	94	43	-	19	24	80g/30 deg	R / I			

Note: # Non accredited; NP - Non plastic; N - Tested in natural condition, R - Tested after >0,425mm removed by hand, WR - Tested after washing to remove >425mm; I - The water content in the sample was increased , D - The water content in the sample was decreased; * - One point liquid limit corrected as per the report Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

Comments:

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Signed:

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025 **GF 362.16**

SUMMARY REPORT

DETERMINATION OF WATER CONTENT

Tested in Accordance with: BS EN ISO 17892-1:2014+A1:2022, BS 1377-2: 2022, clause 4.1

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

4041

Client: Hydrock Consultants Ltd

Client Address: 4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY

Contact: Becky Homer

Site Address: Sharston Industrial Estate

Client Reference: 35838
Job Number: 24-060162-1
Date Sampled: 17/12 - 19/12/2024
Date Received: 18/12/2024
Date Tested: 03/01 - 09/01/2025
Sampled By: Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test results

Laboratory Reference	Hole No.	Sample				Description	Remarks	WC											
		Reference	Depth Top m	Depth Base m	Type			%											
412056	CP101	7	4.00	4.45	U	Orangish brown slightly gravelly very sandy CLAY		18.1											
412057	CP101	12	8.00	8.45	U	Orangish brown slightly gravelly very sandy CLAY		11.6											
412058	CP102	8	4.00	4.45	U	Orangish brown slightly gravelly sandy CLAY		20.2											
412059	CP103	10	6.00	6.95	U	Brown slightly gravelly clayey SAND		11.8											
412060	CP105	Not Given	4.00	4.45	U	Orangish brown slightly sandy CLAY		21.6											
412061	WS112	1	0.50	1.00	B	Brown slightly gravelly very clayey SAND		11.6											
412062	WS105	1	0.70	1.00	B	Yellowish Brown slightly clayey SAND		7.7											
412063	CP101	1	0.30	0.60	B	Dark Brown slightly gravelly CLAY		30.1											
412064	WS107	1	0.80	1.20	B	Yellowish Brown gravelly SAND		6.5											
412065	WS104	1	0.20	0.50	B	Dark brown very sandy clayey GRAVEL with fragments of brick		16.4											

Comments:

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Signed:

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

GF 126.18

SUMMARY REPORT

DETERMINATION OF WATER CONTENT

Tested in Accordance with: BS EN ISO 17892-1:2014+A1:2022, BS 1377-2: 2022, clause 4.1

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

4041

Client: Hydrock Consultants Ltd

Client Address: 4 Lakeside, Festival Park,
Stoke on Trent, ST1 5RY

Contact: Becky Homer

Site Address: Sharston Industrial Estate

Client Reference: 35838
Job Number: 24-060162-1
Date Sampled: 17/12/2024
Date Received: 18/12/2024
Date Tested: 02/01 - 03/01/2025
Sampled By: Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test results

Laboratory Reference	Hole No.	Sample				Description	Remarks	WC											
		Reference	Depth Top m	Depth Base m	Type			%											
412066	WS113	1	1.20	3.00	B	Yellowish brown to brown gravelly clayey SAND		16.3											
412067	WS113	1	3.00	3.50	D	Brown sandy CLAY		17.6											
412068	WS108	2	3.10	Not Given	D	Brown slightly gravelly sandy CLAY		20.6											
412069	WS105	1	3.00	3.50	D	Brown slightly sandy CLAY		27.1											
412070	CP105	Not Given	3.50	Not Given	D	Brown slightly gravelly sandy CLAY		19.7											

Comments:

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Signed: Monika Siewior

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

TEST CERTIFICATE

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Tested in Accordance with: BS EN ISO 17892-4:2016, BS 1377-2:2022 cl. 10

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

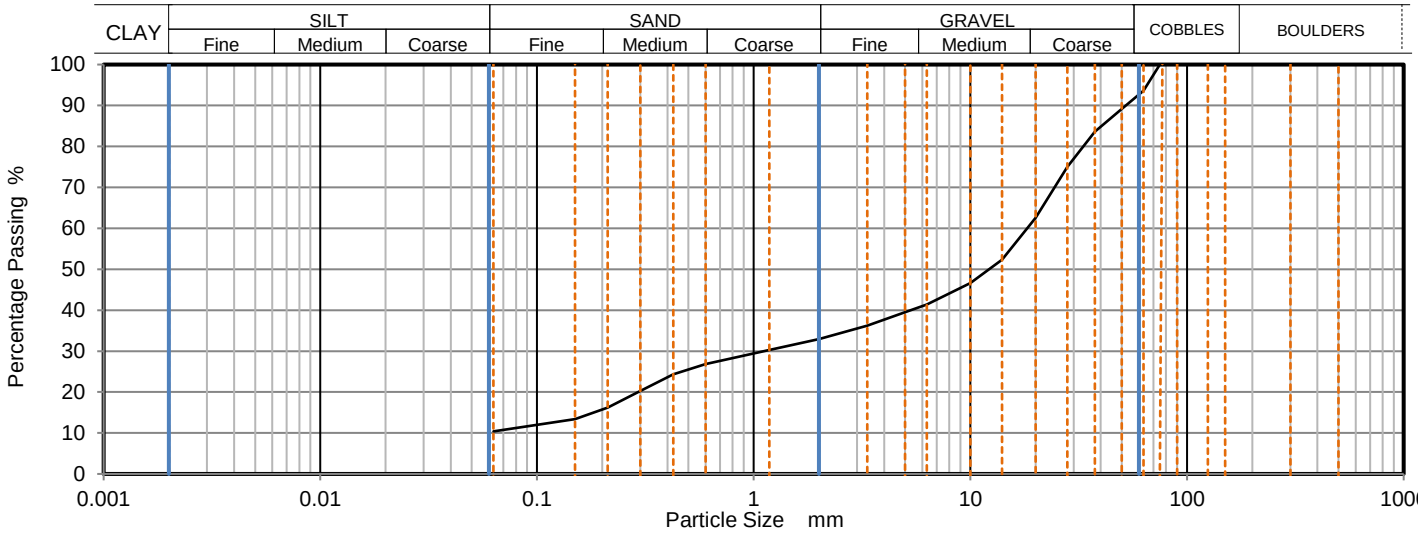
4041

Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	03/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	412065	Depth Top [m]:	0.20
Hole No.:	WS104	Depth Base [m]:	0.50
Sample Reference:	1	Sample Type:	B
Sample Description:	Dark brown very sandy clayey GRAVEL with fragments of brick		
Sample Preparation:	Sample was quartered, oven dried at 107.8 °C and broken down by hand.		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100		
300	100		
150	100		
125	100		
90	100		
75	100		
63	94		
50	89		
37.5	84		
28	75		
20	63		
14	52		
10	47		
6.3	41		
5	40		
3.35	36		
2	33		
1.18	30		
0.6	27		
0.425	24		
0.3	20		
0.212	16		
0.15	13		
0.063	10		

Sample Proportions	% dry mass
Very coarse	6
Gravel	62
Sand	22
Fines <0.063 mm	10

Grading Analysis		
D100	mm	75
D60	mm	18.3
D30	mm	1.12
D10	mm	
Uniformity Coefficient		
Curvature Coefficient		

Uniformity and Curvature Coefficient calculated in accordance with BS EN ISO 14688-2:2018

Note: Tested in Accordance with ISO 17892 -4, by sieving on as received or wet sample

Remarks: The material submitted - fails to meet the minimum mass requirements as stated in BS EN ISO 17892-4:2016 Table 1.

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Signed:

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

GF 366.12

TEST CERTIFICATE

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Tested in Accordance with: BS EN ISO 17892-4:2016, BS 1377-2:2022 cl. 10

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

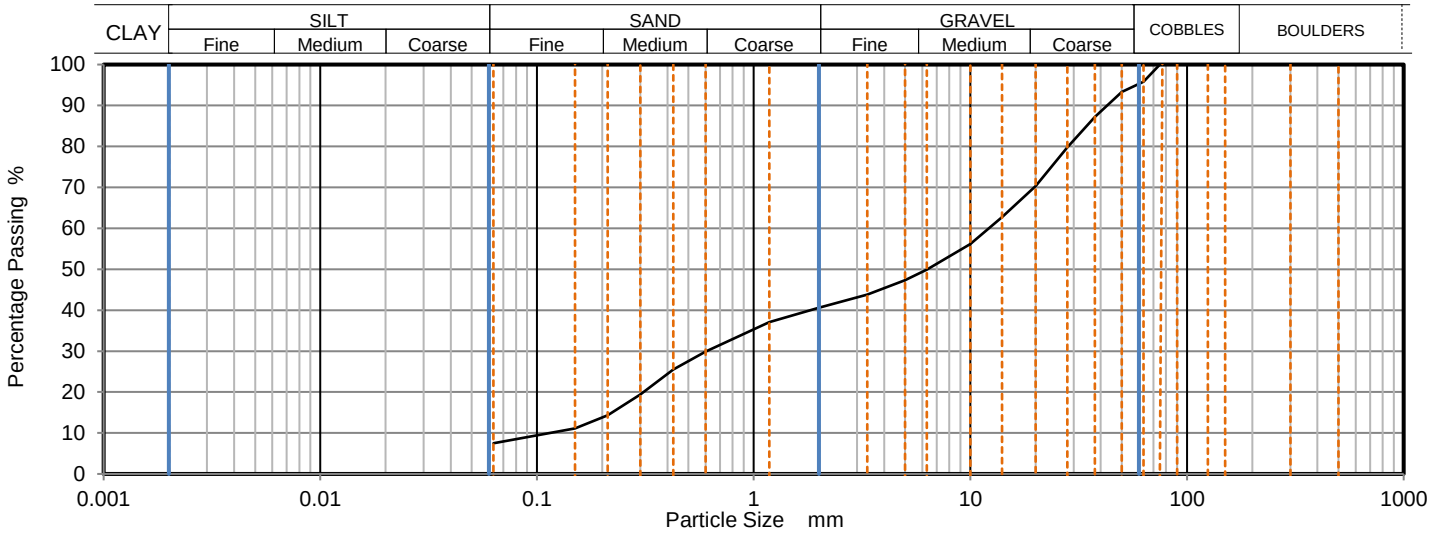
4041

Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	03/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	412071	Depth Top [m]:	0.60
Hole No.:	WS108	Depth Base [m]:	1.00
Sample Reference:	1	Sample Type:	B
Sample Description:	Brown very sandy clayey GRAVEL		
Sample Preparation:	Sample was whole tested, oven dried at 107.8 °C and broken down by hand.		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100		
300	100		
150	100		
125	100		
90	100		
75	100		
63	96		
50	93		
37.5	87		
28	80		
20	70		
14	63		
10	56		
6.3	50		
5	47		
3.35	44		
2	41		
1.18	37		
0.6	30		
0.425	26		
0.3	19		
0.212	14		
0.15	11		
0.063	8		

Sample Proportions	% dry mass
Very coarse	4
Gravel	56
Sand	33
Fines <0.063 mm	7

Grading Analysis		
D100	mm	75
D60	mm	12.2
D30	mm	0.603
D10	mm	0.115
Uniformity Coefficient		110
Curvature Coefficient		0.26

Uniformity and Curvature Coefficient calculated in accordance with BS EN ISO 14688-2:2018

Note: Tested in Accordance with ISO 17892 -4, by sieving on as received or wet sample

Remarks: The material submitted - fails to meet the minimum mass requirements as stated in BS EN ISO 17892-4:2016 Table 1.

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Signed:

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

GF 366.12

TEST CERTIFICATE

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Tested in Accordance with: BS EN ISO 17892-4:2016, BS 1377-2:2022 cl. 10

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

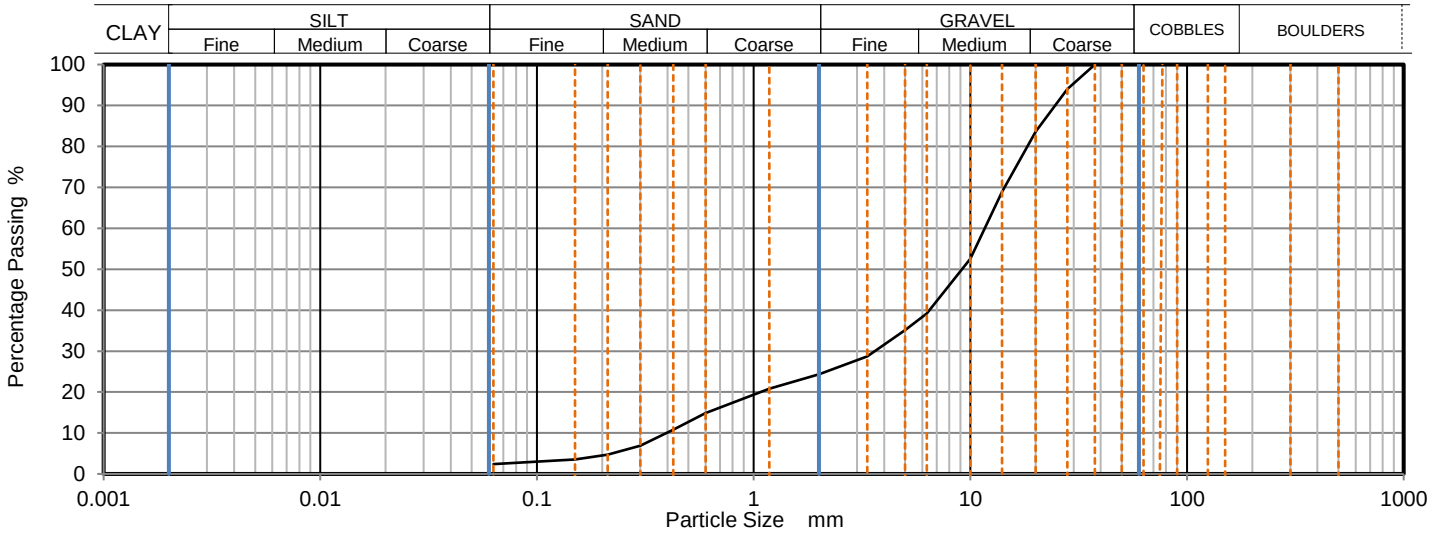
4041

Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	03/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	412072	Depth Top [m]:	2.00
Hole No.:	CP101	Depth Base [m]:	2.45
Sample Reference:	5	Sample Type:	B
Sample Description:	Brown very sandy slightly clayey GRAVEL		
Sample Preparation:	Sample was whole tested, oven dried at 107.8 °C and broken down by hand.		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100		
300	100		
150	100		
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	94		
20	84		
14	69		
10	53		
6.3	39		
5	35		
3.35	29		
2	24		
1.18	21		
0.6	15		
0.425	11		
0.3	7		
0.212	5		
0.15	4		
0.063	2		

Sample Proportions	% dry mass
Very coarse	0
Gravel	76
Sand	22
Fines <0.063 mm	2

Grading Analysis		
D100	mm	37.5
D60	mm	11.7
D30	mm	3.63
D10	mm	0.397
Uniformity Coefficient		29
Curvature Coefficient		2.9

Uniformity and Curvature Coefficient calculated in accordance with BS EN ISO 14688-2:2018

Note: Tested in Accordance with ISO 17892 -4, by sieving on as received or wet sample

Remarks:

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Signed: Monika Siewior

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

GF 366.12

TEST CERTIFICATE

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Tested in Accordance with: BS EN ISO 17892-4:2016, BS 1377-2:2022 cl. 10

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

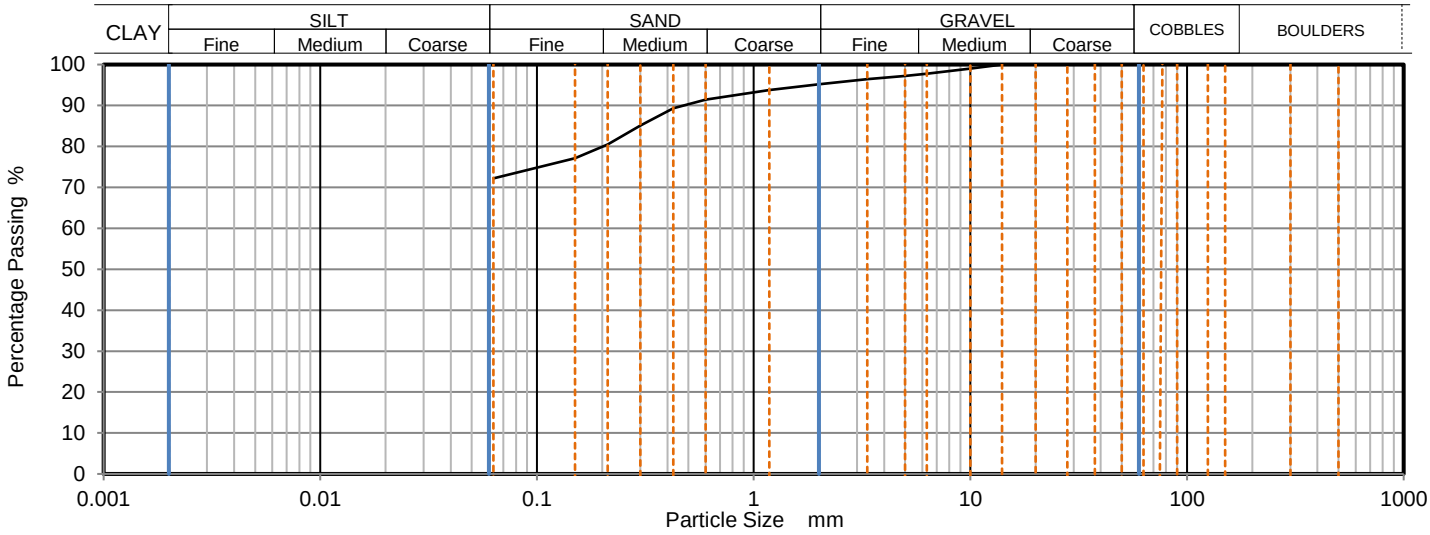
4041

Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	03/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	412073	Depth Top [m]:	5.00
Hole No.:	CP102	Depth Base [m]:	5.45
Sample Reference:	10	Sample Type:	B
Sample Description:	Brown slightly gravelly slightly sandy CLAY		
Sample Preparation:	Sample was quartered, oven dried at 107.8 °C and broken down by hand.		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100		
300	100		
150	100		
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	99		
6.3	98		
5	97		
3.35	96		
2	95		
1.18	94		
0.6	91		
0.425	89		
0.3	85		
0.212	81		
0.15	77		
0.063	72		

Sample Proportions	% dry mass
Very coarse	0
Gravel	5
Sand	23
Fines <0.063 mm	72

Grading Analysis		
D100	mm	14
D60	mm	
D30	mm	
D10	mm	
Uniformity Coefficient		
Curvature Coefficient		

Uniformity and Curvature Coefficient calculated in accordance with BS EN ISO 14688-2:2018

Note: Tested in Accordance with ISO 17892 -4, by sieving on as received or wet sample

Remarks:

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Signed:

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

GF 366.12

TEST CERTIFICATE

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Tested in Accordance with: BS EN ISO 17892-4:2016, BS 1377-2:2022 cl. 10

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

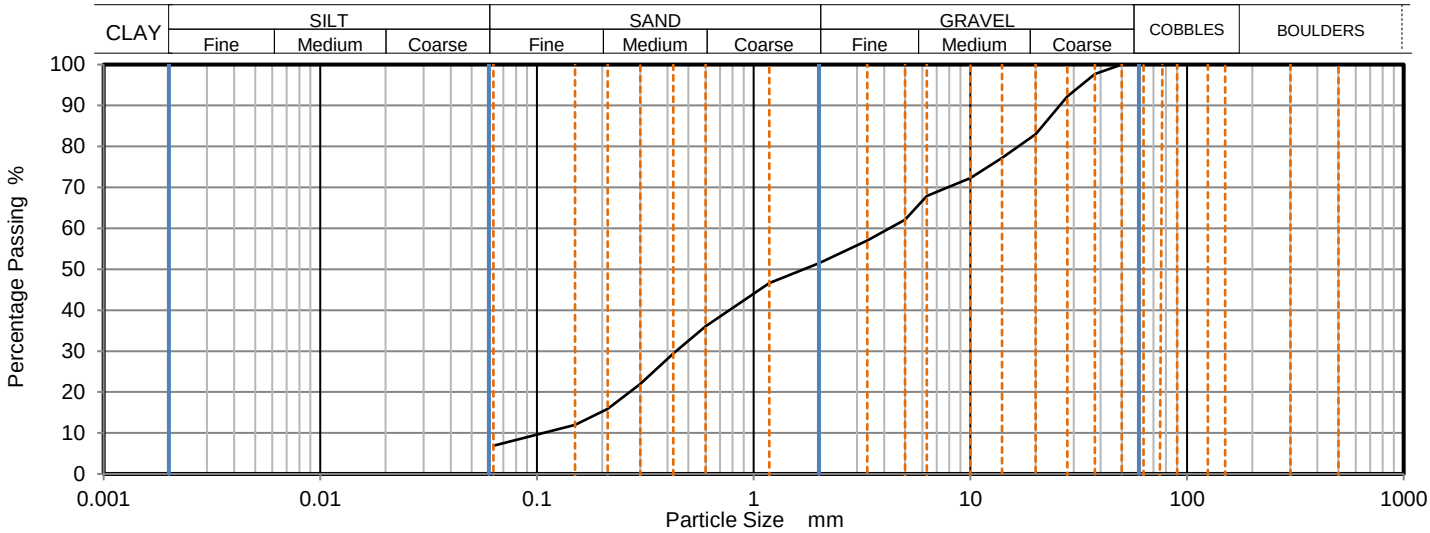
4041

Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	03/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	412074	Depth Top [m]:	1.20
Hole No.:	CP103	Depth Base [m]:	1.65
Sample Reference:	3	Sample Type:	B
Sample Description:	Dark brown very sandy clayey GRAVEL		
Sample Preparation:	Sample was whole tested, oven dried at 107.8 °C and broken down by hand.		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100		
300	100		
150	100		
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	98		
28	92		
20	83		
14	77		
10	72		
6.3	68		
5	62		
3.35	57		
2	52		
1.18	47		
0.6	36		
0.425	29		
0.3	22		
0.212	16		
0.15	12		
0.063	7		

Sample Proportions	% dry mass
Very coarse	0
Gravel	48
Sand	45
Fines <0.063 mm	7

Grading Analysis		
D100	mm	50
D60	mm	4.25
D30	mm	0.438
D10	mm	0.107
Uniformity Coefficient		40
Curvature Coefficient		0.42

Uniformity and Curvature Coefficient calculated in accordance with BS EN ISO 14688-2:2018

Note: Tested in Accordance with ISO 17892 -4, by sieving on as received or wet sample

Remarks:

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Signed: Monika Siewior

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

GF 366.12

TEST CERTIFICATE

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Tested in Accordance with: BS EN ISO 17892-4:2016, BS 1377-2:2022 cl. 10

i2 Analytical Ltd
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Brackmills Industrial Estate
Northampton NN4 7EB

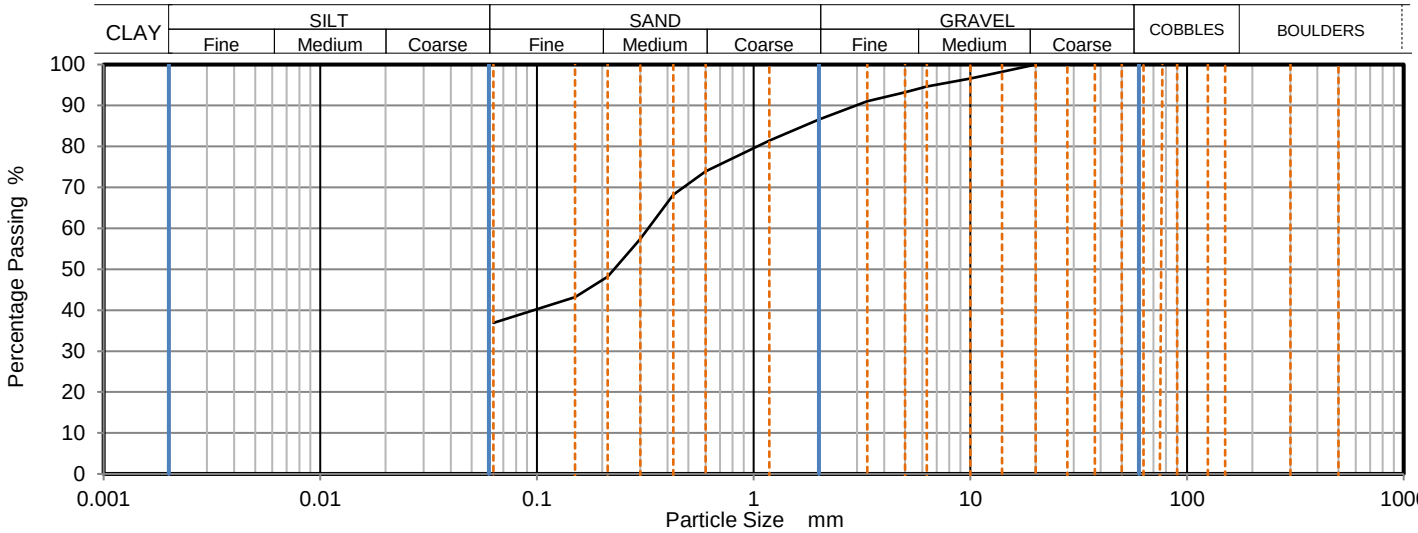
4041

Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	03/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	412075	Depth Top [m]:	0.30
Hole No.:	CP103	Depth Base [m]:	0.60
Sample Reference:	1	Sample Type:	B
Sample Description:	Orangish brown slightly gravelly sandy CLAY		
Sample Preparation:	Sample was quartered, oven dried at 107.8 °C and broken down by hand.		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100		
300	100		
150	100		
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	98		
10	97		
6.3	95		
5	93		
3.35	91		
2	87		
1.18	81		
0.6	74		
0.425	68		
0.3	57		
0.212	48		
0.15	43		
0.063	37		

Sample Proportions	% dry mass
Very coarse	0
Gravel	13
Sand	50
Fines <0.063 mm	37

Grading Analysis		
D100	mm	20
D60	mm	0.327
D30	mm	
D10	mm	
Uniformity Coefficient		
Curvature Coefficient		

Uniformity and Curvature Coefficient calculated in accordance with BS EN ISO 14688-2:2018

Note: Tested in Accordance with ISO 17892 -4, by sieving on as received or wet sample

Remarks:

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Monika Siewior
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for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

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TEST CERTIFICATE

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Northampton NN4 7EB

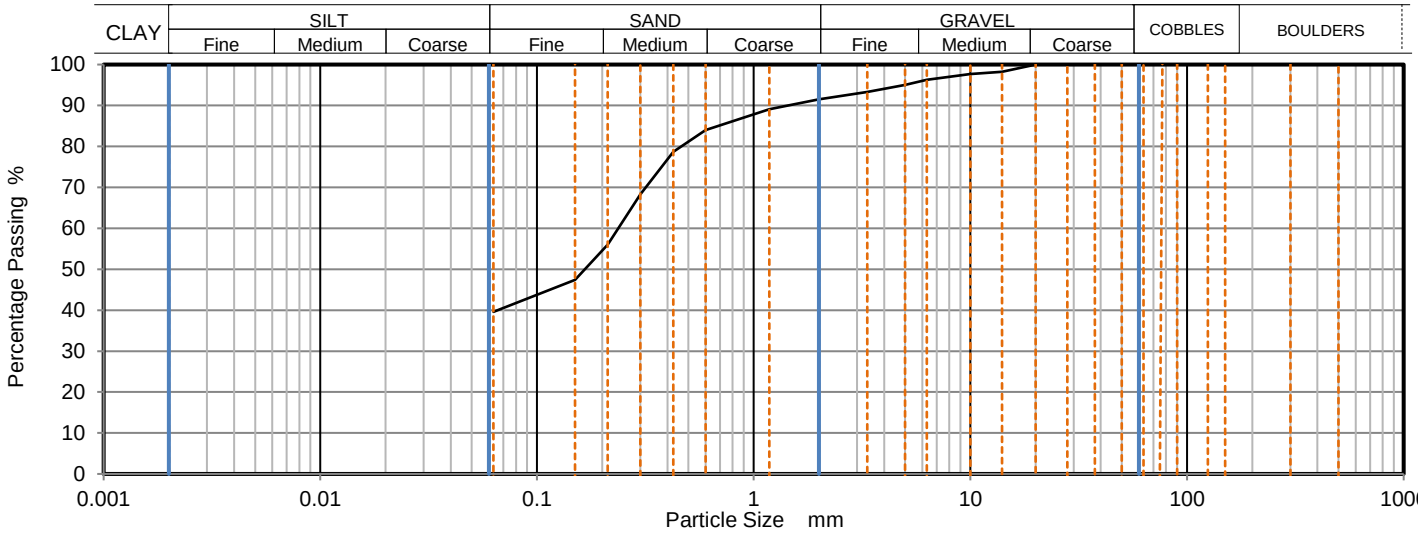
4041

Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	03/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	412076	Depth Top [m]:	0.50
Hole No.:	CP102	Depth Base [m]:	0.80
Sample Reference:	1	Sample Type:	B
Sample Description:	Dark brown slightly gravelly sandy CLAY		
Sample Preparation:	Sample was quartered, oven dried at 107.8 °C and broken down by hand.		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100		
300	100		
150	100		
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	98		
10	98		
6.3	96		
5	95		
3.35	93		
2	92		
1.18	89		
0.6	84		
0.425	79		
0.3	68		
0.212	56		
0.15	47		
0.063	40		

Sample Proportions	% dry mass
Very coarse	0
Gravel	9
Sand	51
Fines <0.063 mm	40

Grading Analysis		
D100	mm	20
D60	mm	0.237
D30	mm	
D10	mm	
Uniformity Coefficient		
Curvature Coefficient		

Uniformity and Curvature Coefficient calculated in accordance with BS EN ISO 14688-2:2018

Note: Tested in Accordance with ISO 17892 -4, by sieving on as received or wet sample

Remarks:

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Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

GF 366.12

4041

TEST CERTIFICATE

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Tested in Accordance with: BS EN ISO 17892-4:2016, BS 1377-2:2022 cl. 10

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

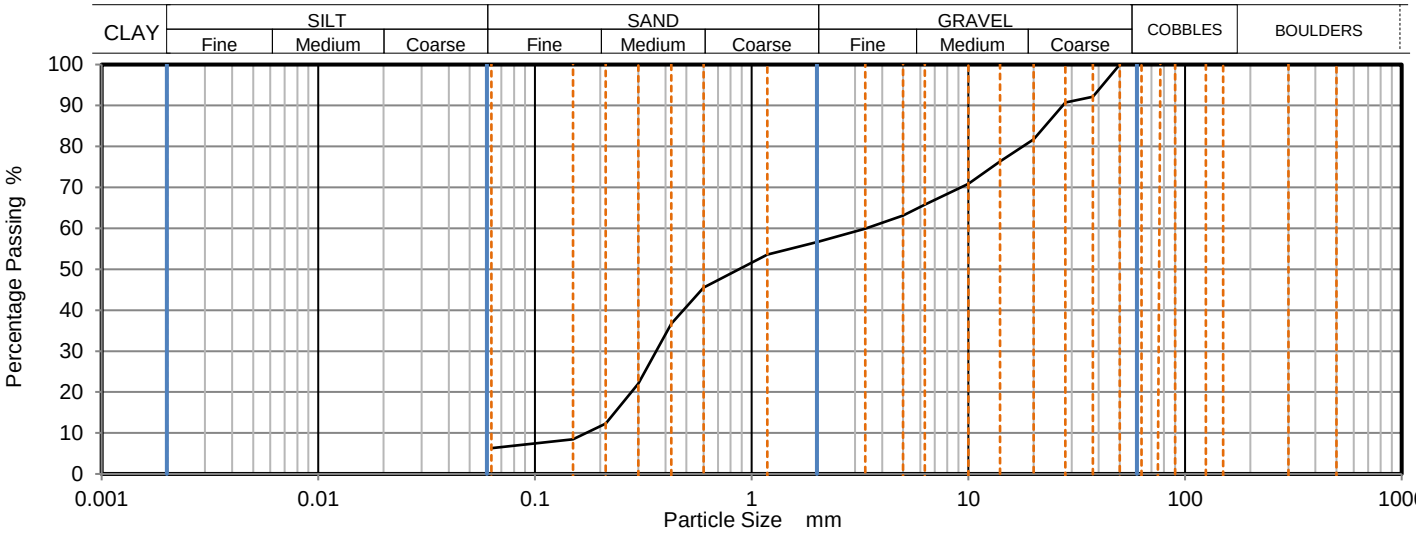
Environmental Science

Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	03/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	412077	Depth Top [m]:	1.20
Hole No.:	WS104	Depth Base [m]:	3.00
Sample Reference:	Not Given	Sample Type:	B
Sample Description:	Yellowish brown very gravelly clayey SAND		
Sample Preparation:	Sample was whole tested, oven dried at 107.8 °C and broken down by hand.		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100		
300	100		
150	100		
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	92		
28	91		
20	82		
14	76		
10	71		
6.3	66		
5	63		
3.35	60		
2	57		
1.18	54		
0.6	46		
0.425	37		
0.3	22		
0.212	12		
0.15	9		
0.063	6		

Sample Proportions	% dry mass
Very coarse	0
Gravel	43
Sand	51
Fines <0.063 mm	6

Grading Analysis		
D100	mm	50
D60	mm	3.37
D30	mm	0.362
D10	mm	0.172
Uniformity Coefficient		20
Curvature Coefficient		0.23

Uniformity and Curvature Coefficient calculated in accordance with BS EN ISO 14688-2:2018

Note: Tested in Accordance with ISO 17892 -4, by sieving on as received or wet sample

Remarks:

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Signed: Monika Siewior

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

GF 366.12

TEST CERTIFICATE

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Tested in Accordance with: BS EN ISO 17892-4:2016, BS 1377-2:2022 cl. 10

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

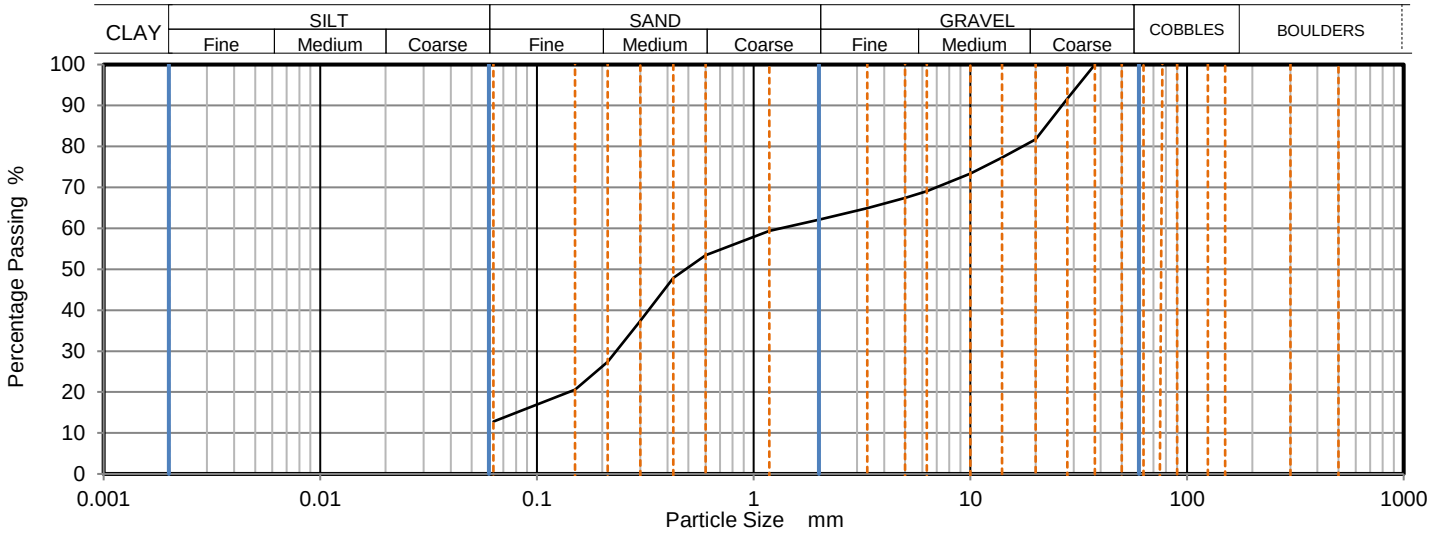
4041

Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	03/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	412078	Depth Top [m]:	1.20
Hole No.:	CP105	Depth Base [m]:	1.65
Sample Reference:	Not Given	Sample Type:	B
Sample Description:	Brown very gravelly clayey SAND		
Sample Preparation:	Sample was whole tested, oven dried at 107.8 °C and broken down by hand.		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100		
300	100		
150	100		
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	92		
20	82		
14	77		
10	73		
6.3	69		
5	67		
3.35	65		
2	62		
1.18	59		
0.6	53		
0.425	48		
0.3	37		
0.212	27		
0.15	21		
0.063	13		

Sample Proportions	% dry mass
Very coarse	0
Gravel	38
Sand	49
Fines <0.063 mm	13

Grading Analysis		
D100	mm	37.5
D60	mm	1.34
D30	mm	0.232
D10	mm	
Uniformity Coefficient		
Curvature Coefficient		

Uniformity and Curvature Coefficient calculated in accordance with BS EN ISO 14688-2:2018

Note: Tested in Accordance with ISO 17892 -4, by sieving on as received or wet sample

Remarks:

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Signed: Monika Siewior

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

GF 366.12

4041

TEST CERTIFICATE

DETERMINATION OF THE CALIFORNIA BEARING RATIO (CBR)

Tested in Accordance with: BS 1377-2:2022 Cl. 15

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Environmental Science

Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	07/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

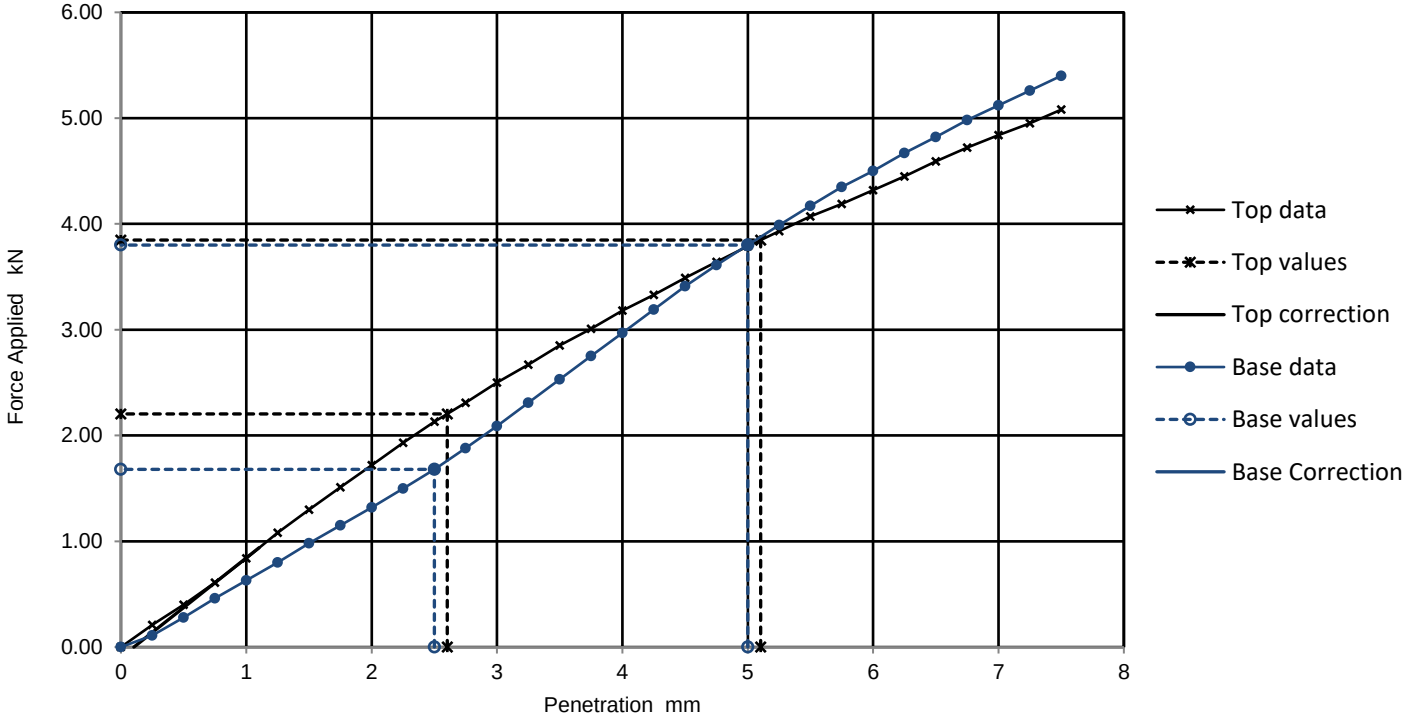
Test Results:

Laboratory Reference:	412061	Depth Top [m]:	0.50
Hole No.:	WS112	Depth Base [m]:	1.00
Sample Reference:	1	Sample Type:	B
Sample Description:	Brown slightly gravelly very clayey SAND		

Specimen Preparation:

Condition	Remoulded			Soaking details	Not soaked
Details	Recompacted with specified standard effort using 2.5kg rammer			Period of soaking	days
				Time to surface	days
				Amount of swell recorded	mm
Material retained on 20mm sieve removed		13	%	Dry density after soaking	Mg/m3
Initial Specimen details	Bulk density	2.12	Mg/m3	Surcharge applied	8 kg
	Dry density	1.89	Mg/m3		4.9 kPa
	Water content	12	%		

Force v Penetration Plots



Results

	Curve correction applied	CBR Values, %				Water Content %
		2.5mm	5mm	Highest	Average	
TOP	Yes	17	19	19	19	13
BASE	No	13	19	19		12

Remarks:

Test/ Specimen specific remarks:

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Signed: Monika Siewior

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

GF 593.1

TEST CERTIFICATE

DETERMINATION OF THE CALIFORNIA BEARING RATIO (CBR)

Tested in Accordance with: BS 1377-2:2022 Cl. 15

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

4041

Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	07/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

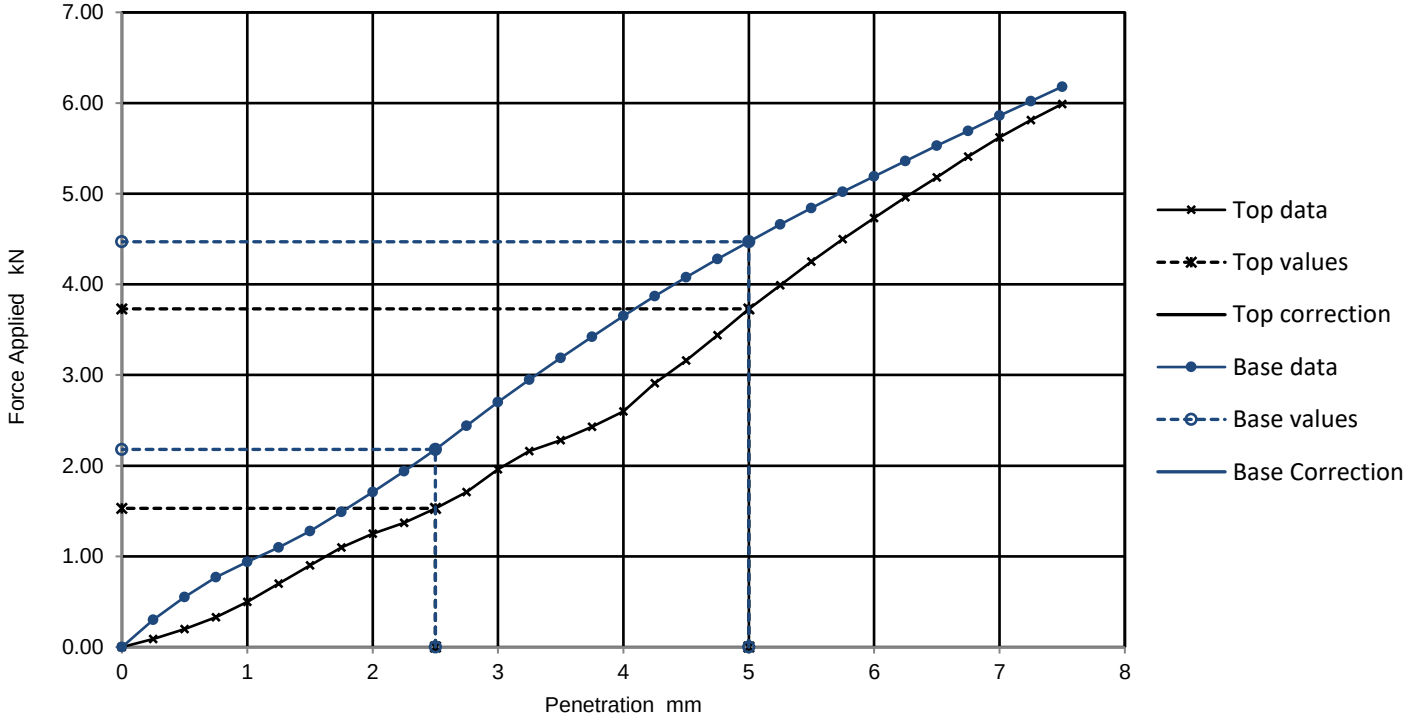
Laboratory Reference:	412062	Depth Top [m]:	0.70
Hole No.:	WS105	Depth Base [m]:	1.00
Sample Reference:	1	Sample Type:	B
Sample Description:	Yellowish brown slightly clayey SAND		

Specimen Preparation:

Condition	Remoulded	Soaking details	Not soaked
Details	Recompacted with specified standard effort using 2.5kg rammer	Period of soaking	days
		Time to surface	days
		Amount of swell recorded	mm
Material retained on 20mm sieve removed	1 %	Dry density after soaking	Mg/m3

Initial Specimen details	Bulk density	1.99	Mg/m3	Surcharge applied	8 kg
	Dry density	1.84	Mg/m3		4.9 kPa
	Water content	8.0	%		

Force v Penetration Plots



Results

	Curve correction applied	CBR Values, %				Water Content %
		2.5mm	5mm	Highest	Average	
TOP	No	12	19	19	21	7.5
BASE	No	17	22	22		7.7

Remarks:

Test/ Specimen specific remarks:

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Signed:

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

GF 593.1

TEST CERTIFICATE

DETERMINATION OF THE CALIFORNIA BEARING RATIO (CBR)

Tested in Accordance with: BS 1377-2:2022 Cl. 15

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

4041

Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	07/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

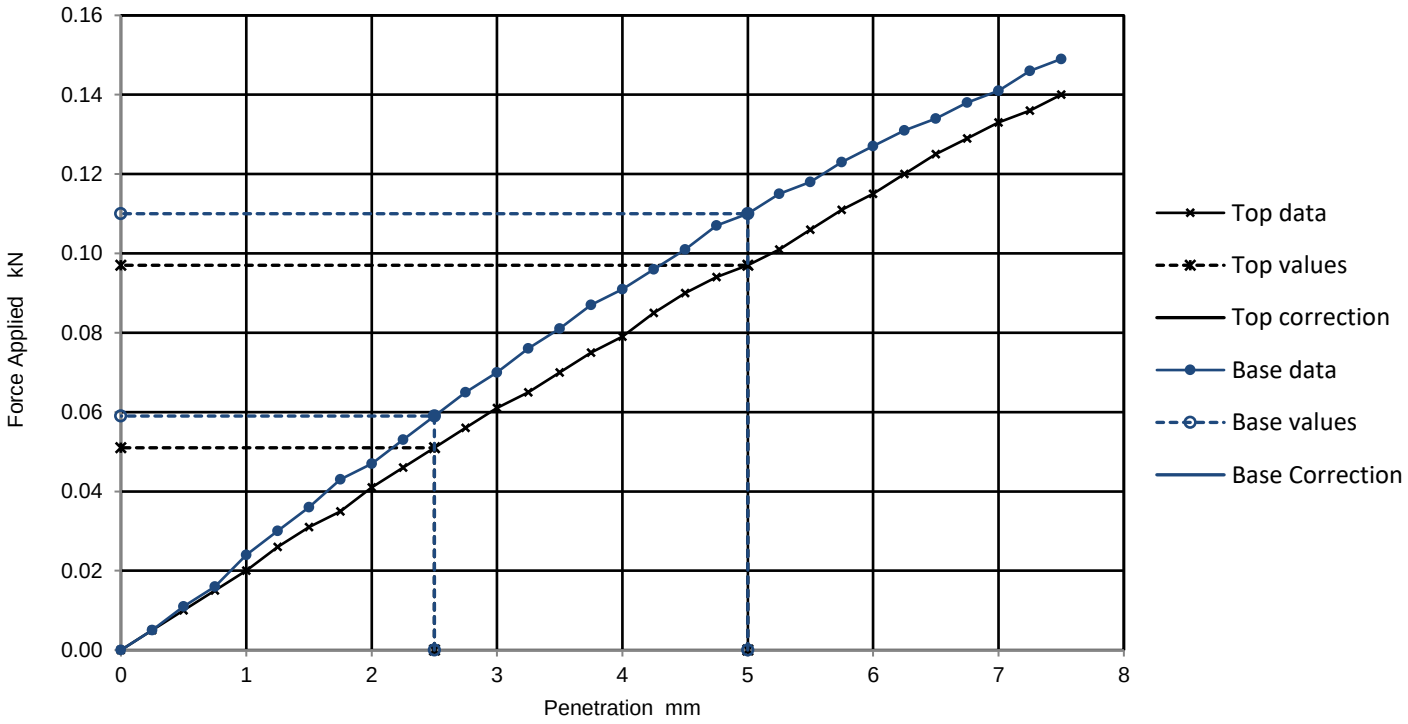
Test Results:

Laboratory Reference:	412063	Depth Top [m]:	0.30
Hole No.:	CP101	Depth Base [m]:	0.60
Sample Reference:	1	Sample Type:	B
Sample Description:	Dark brown slightly gravelly CLAY		

Specimen Preparation:

Condition	Remoulded			Soaking details	Not soaked
Details	Recompacted with specified standard effort using 2.5kg rammer			Period of soaking	days
				Time to surface	days
				Amount of swell recorded	mm
Material retained on 20mm sieve removed		15	%	Dry density after soaking	Mg/m3
Initial Specimen details	Bulk density	1.92	Mg/m3	Surcharge applied	8 kg
	Dry density	1.54	Mg/m3		4.9 kPa
	Water content	24	%		

Force v Penetration Plots



Results

	Curve correction applied	CBR Values, %				Water Content %
		2.5mm	5mm	Highest	Average	
TOP	No	0.39	0.49	0.49	0.52	26
BASE	No	0.45	0.55	0.55		25

Remarks:

Test/ Specimen specific remarks:

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Northampton NN4 7EB

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Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	07/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

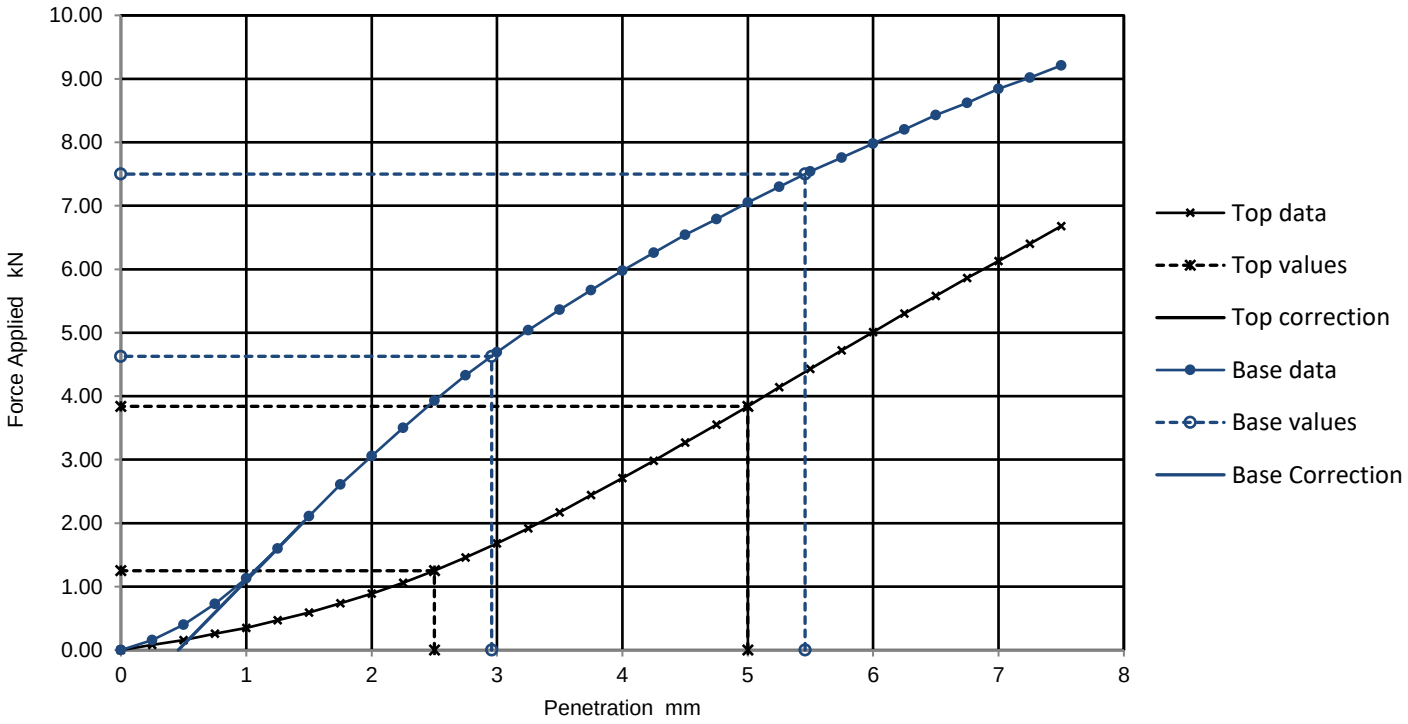
Laboratory Reference:	412064	Depth Top [m]:	0.80
Hole No.:	WS107	Depth Base [m]:	1.20
Sample Reference:	1	Sample Type:	B
Sample Description:	Yellowish brown gravelly SAND		

Specimen Preparation:

Condition	Remoulded	Soaking details	Not soaked
Details	Recompacted with specified standard effort using 2.5kg rammer	Period of soaking	days
		Time to surface	days
		Amount of swell recorded	mm
Material retained on 20mm sieve removed	10 %	Dry density after soaking	Mg/m3

Initial Specimen details	Bulk density	2.01	Mg/m3	Surcharge applied	8 kg
	Dry density	1.88	Mg/m3		4.8 kPa
	Water content	7.1	%		

Force v Penetration Plots



Results

	Curve correction applied	CBR Values, % 2.5mm	5mm	Highest	Average	Water Content %
TOP	No	9.5	19	19		7.2
BASE	Yes	35	37	37		7.1

Remarks:

Test/ Specimen specific remarks:

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Brackmills Industrial Estate
Northampton NN4 7EB

4041

Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	07/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

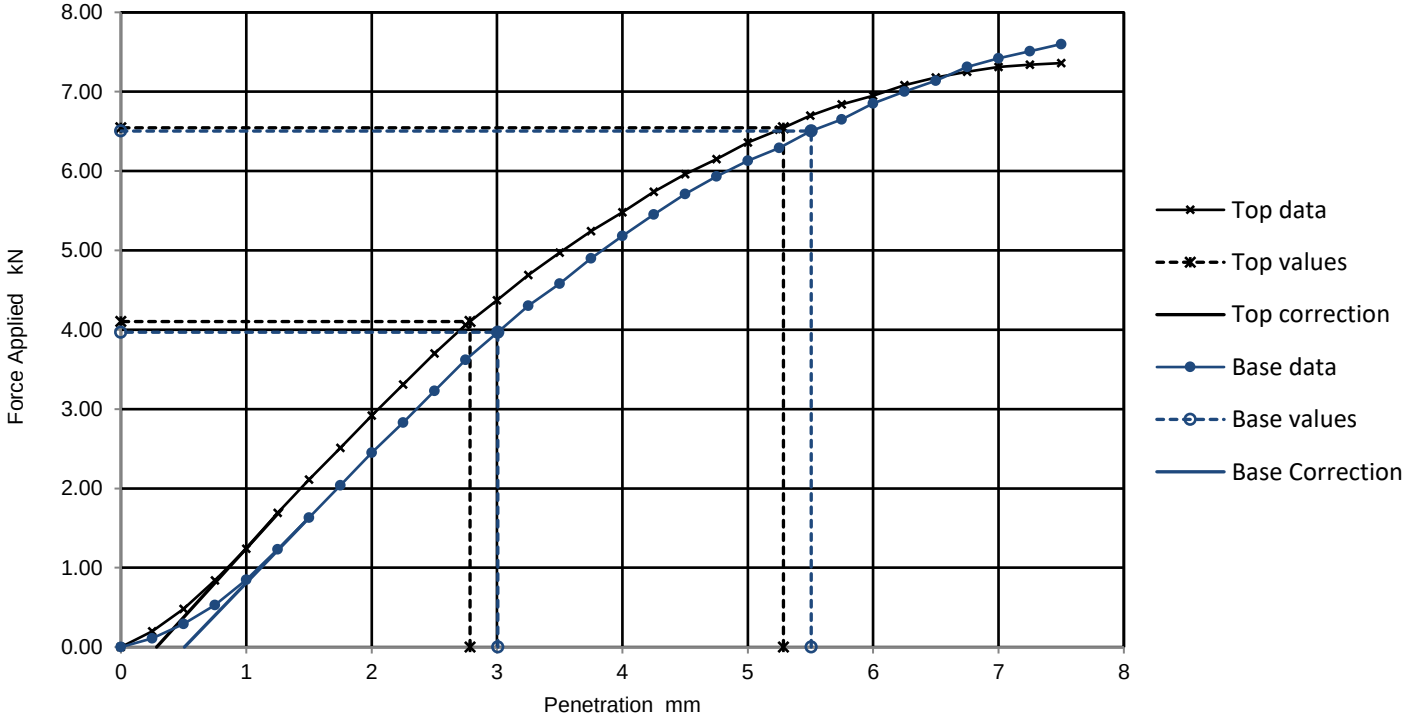
Laboratory Reference:	412066	Depth Top [m]:	1.20
Hole No.:	WS113	Depth Base [m]:	3.00
Sample Reference:	1	Sample Type:	B
Sample Description:	Yellowish brown to brown gravelly clayey SAND		

Specimen Preparation:

Condition	Remoulded	Soaking details	Not soaked
Details	Recompacted with specified standard effort using 2.5kg rammer	Period of soaking	days
		Time to surface	days
		Amount of swell recorded	mm
Material retained on 20mm sieve removed	25 %	Dry density after soaking	Mg/m3

Initial Specimen details	Bulk density	2.20	Mg/m3	Surcharge applied	8 kg
	Dry density	2.04	Mg/m3		4.9 kPa
	Water content	7.8	%		

Force v Penetration Plots



Results

	Curve correction applied	CBR Values, %				Water Content %
		2.5mm	5mm	Highest	Average	
TOP	Yes	31	33	33	33	7.4
BASE	Yes	30	33	33		8.4

Remarks:

Test/ Specimen specific remarks:

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Signed:

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

TEST CERTIFICATE

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

Tested in Accordance with: BS EN ISO 17982-8:2018, BS 1377-2 Cl. 28:2022

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

4041

Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	19/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	09/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

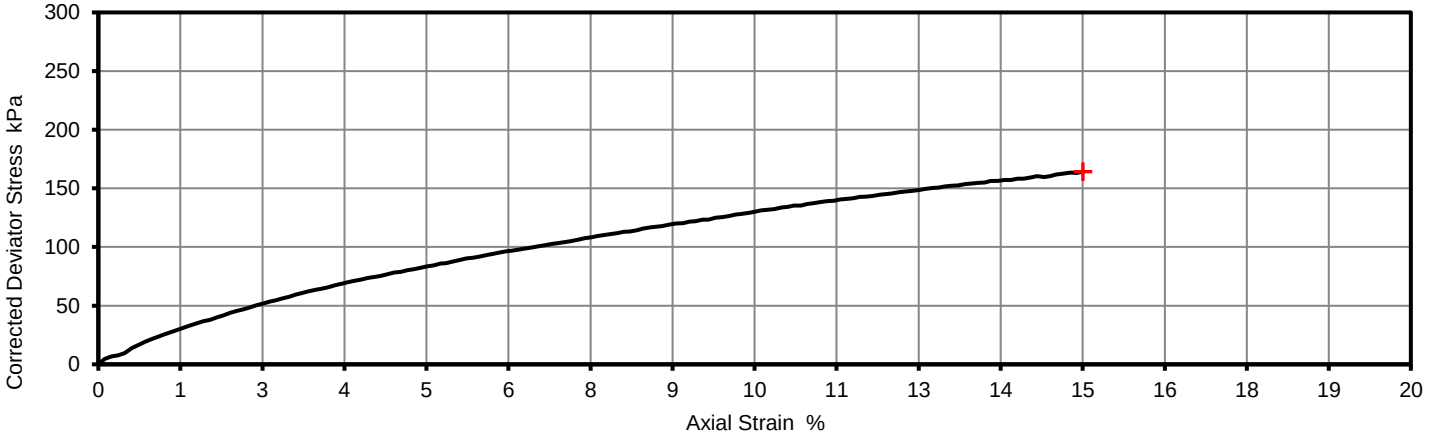
Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

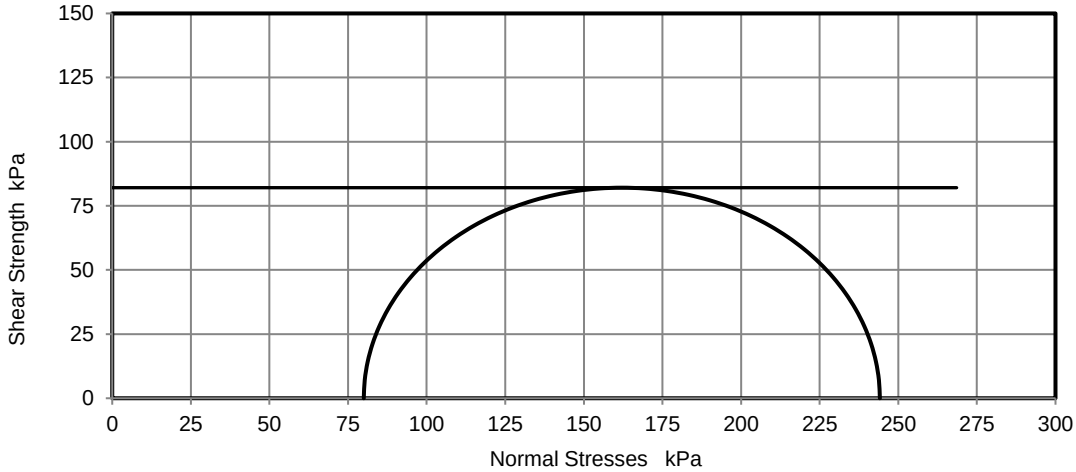
Laboratory Reference:	412056	Depth Top [m]:	4.00
Hole No.:	CP101	Depth Base [m]:	4.45
Sample Reference:	7	Sample Type:	U
Sample Description:	Orangish brown slightly gravelly very sandy CLAY		
Sample Preparation:	Sample prepared in accordance with BS EN ISO 17892-8: 2018 Clause 6.2.		

Test Number	1		Rate of Strain	1.50	%/min
Depth within Sample	-	m	Cell Pressure	80	kPa
Length	201.36	mm	Axial Strain at Failure	15.0	%
Diameter	102.24	mm	Deviator Stress, (σ1 - σ3)f	164	kPa
Length Prior to Shearing	201.36	mm	Undrained Shear Strength, cu	82	kPa ½(σ1 - σ3)f
Bulk Density	2.31	Mg/m3	Mode of Failure	Compound	
Initial Water Content	18.0	%	Membrane Thickness	0.30	mm
Final Water Content	17.4	%	Membrane Correction	2.54	kPa
Dry Density	1.96	Mg/m3			

Deviator Stress v Axial Strain

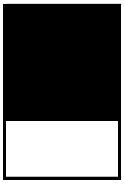


Mohr Circles





Position within sample



Note: Deviator stress corrected for area change and membrane effects.

Remarks:

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Signed: Monika Siewior

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

GF 463.4

TEST CERTIFICATE

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

Tested in Accordance with: BS EN ISO 17982-8:2018, BS 1377-2 Cl. 28:2022

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

4041

Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	09/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

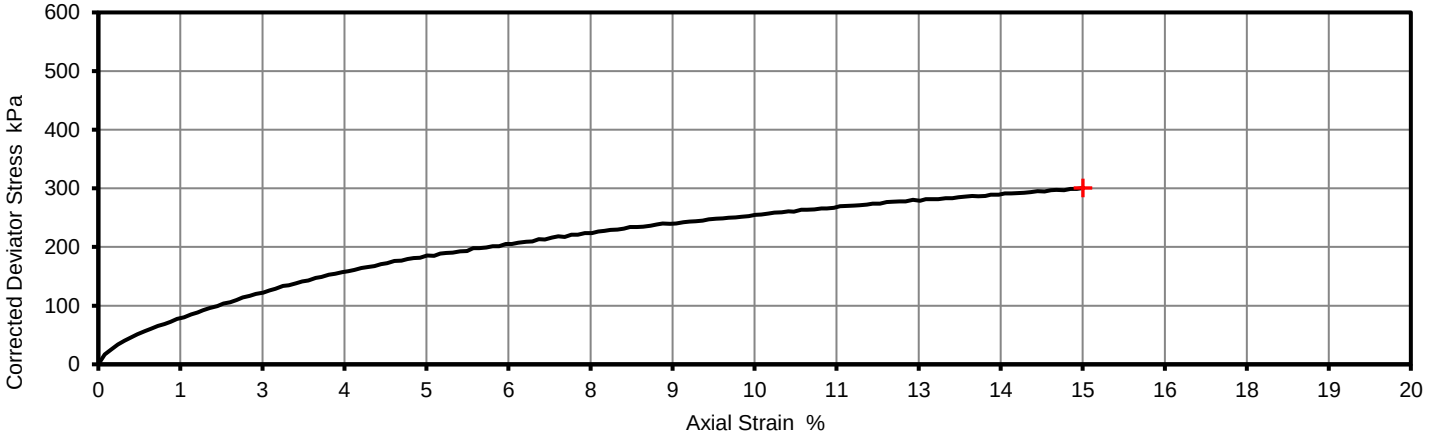
Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

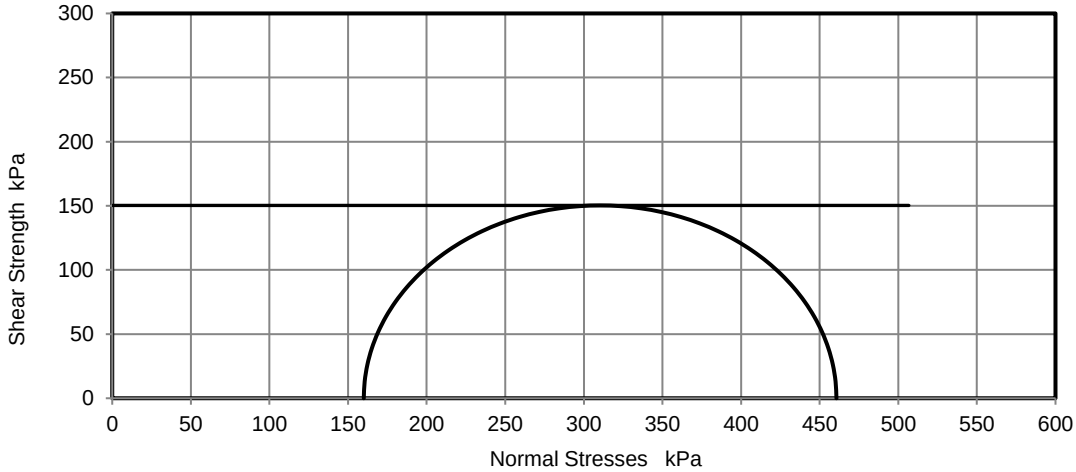
Laboratory Reference:	412057	Depth Top [m]:	8.00
Hole No.:	CP101	Depth Base [m]:	8.45
Sample Reference:	12	Sample Type:	U
Sample Description:	Orangish brown slightly gravelly very sandy CLAY		
Sample Preparation:	Sample prepared in accordance with BS EN ISO 17892-8: 2018 Clause 6.2.		

Test Number	1		Rate of Strain	1.50	%/min
Depth within Sample	-	m	Cell Pressure	160	kPa
Length	140.97	mm	Axial Strain at Failure	15.0	%
Diameter	68.38	mm	Deviator Stress, (σ1 - σ3)f	301	kPa
Length Prior to Shearing	140.95	mm	Undrained Shear Strength, cu	150	kPa ½(σ1 - σ3)f
Bulk Density	2.33	Mg/m3	Mode of Failure	Compound	
Initial Water Content	11.6	%	Membrane Thickness	0.24	mm
Final Water Content	11.1	%	Membrane Correction	3.04	kPa
Dry Density	2.09	Mg/m3			

Deviator Stress v Axial Strain

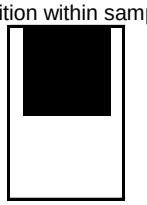


Mohr Circles





Position within sample



Note: Deviator stress corrected for area change and membrane effects.

Remarks:

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Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

GF 463.4

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UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

Tested in Accordance with: BS EN ISO 17982-8:2018, BS 1377-2 Cl. 28:2022

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

4041

Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	09/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

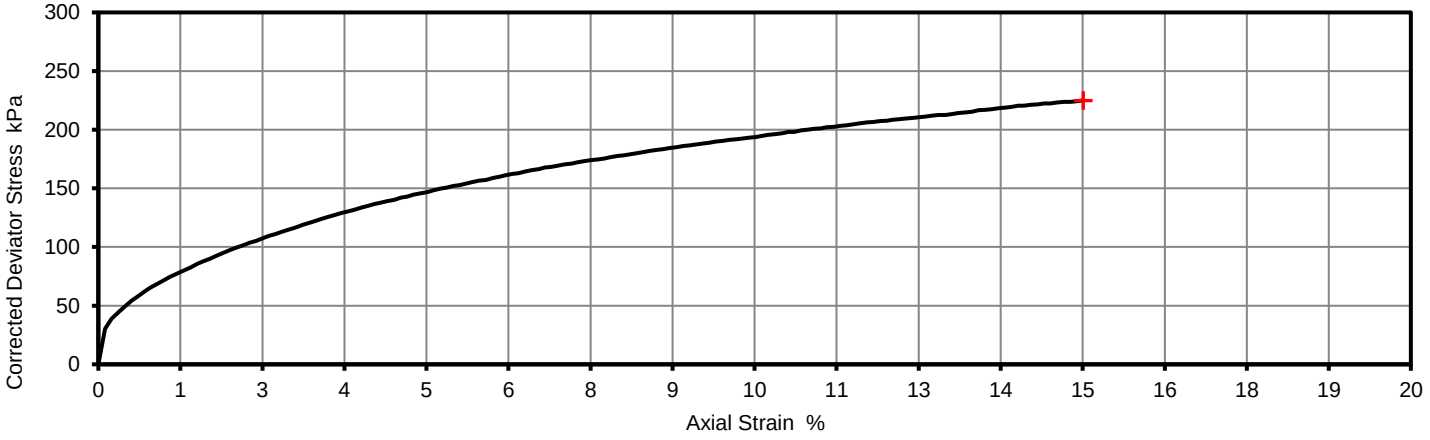
Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

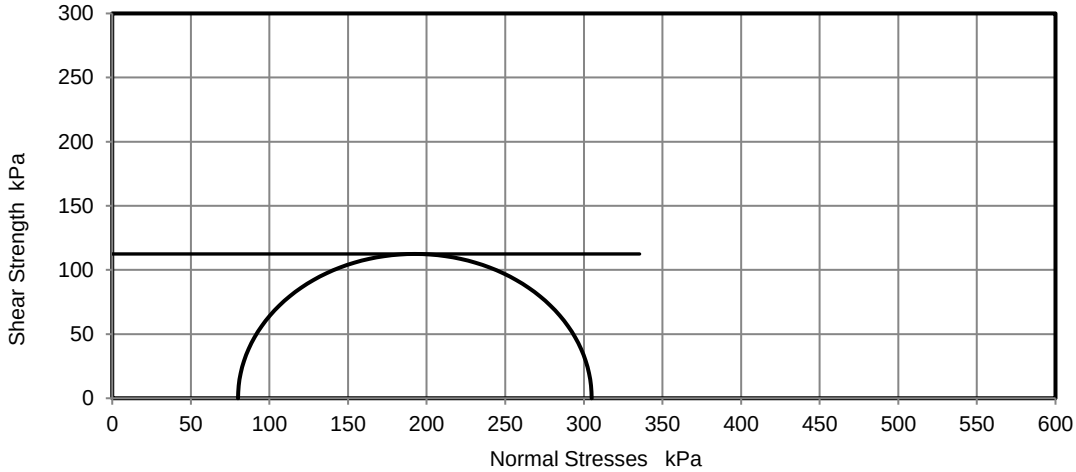
Laboratory Reference:	412058	Depth Top [m]:	4.00
Hole No.:	CP102	Depth Base [m]:	4.45
Sample Reference:	8	Sample Type:	U
Sample Description:	Orangish brown slightly gravelly sandy CLAY		
Sample Preparation:	Sample prepared in accordance with BS EN ISO 17892-8: 2018 Clause 6.2.		

Test Number	1		Rate of Strain	1.50	%/min	
Depth within Sample	-	m	Cell Pressure	80	kPa	
Length	198.46	mm	Axial Strain at Failure	15.0	%	
Diameter	102.49	mm	Deviator Stress, (σ1 - σ3)f	225	kPa	
Length Prior to Shearing	198.44	mm	Undrained Shear Strength, cu	112	kPa	½(σ1 - σ3)f
Bulk Density	2.14	Mg/m3	Mode of Failure	Plastic		
Initial Water Content	20.1	%	Membrane Thickness	0.30	mm	
Final Water Content	19.8	%	Membrane Correction	2.54	kPa	
Dry Density	1.78	Mg/m3				

Deviator Stress v Axial Strain

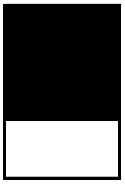


Mohr Circles





Position within sample



Note: Deviator stress corrected for area change and membrane effects.

Remarks:

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Northampton NN4 7EB

4041

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Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
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Contact:	Becky Homer	Date Tested:	09/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

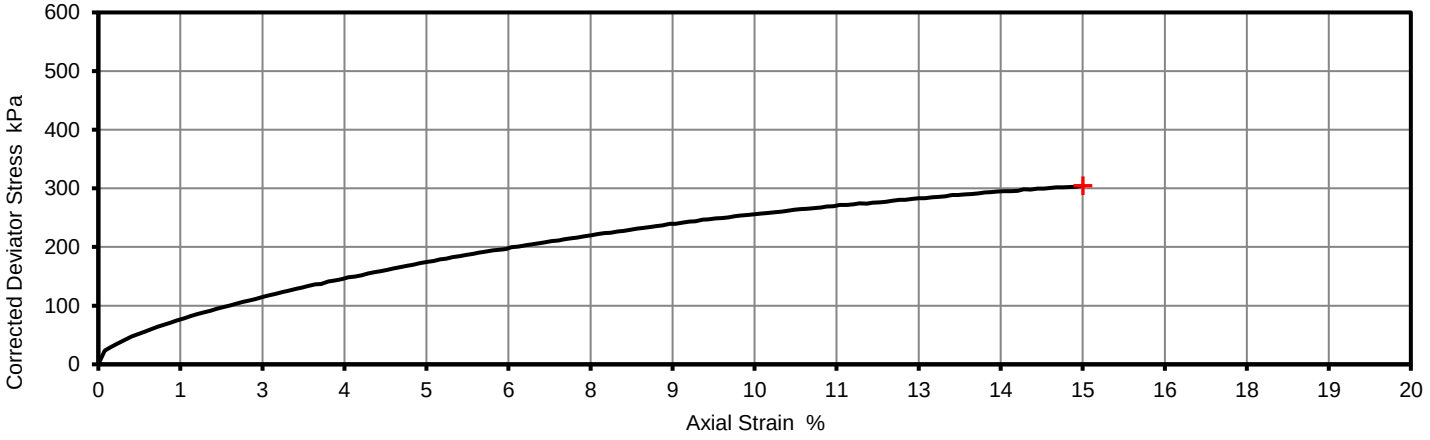
Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

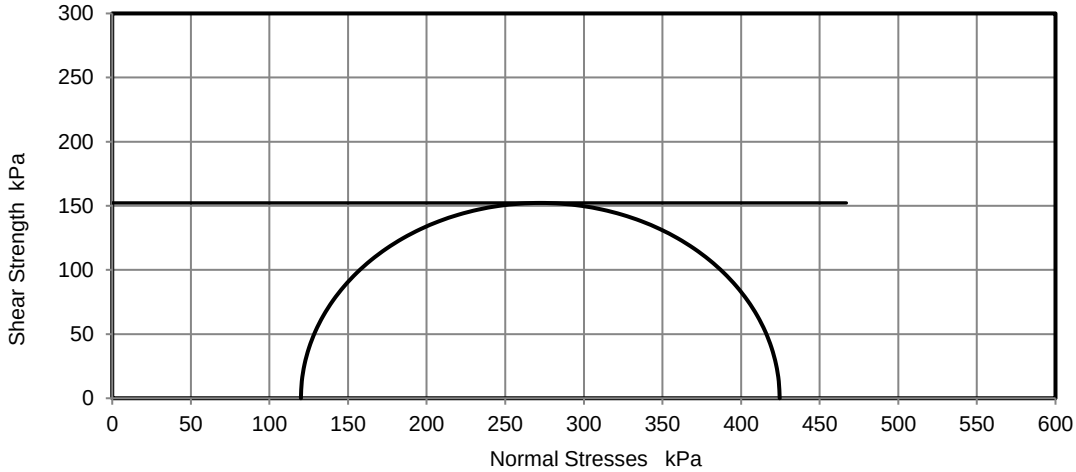
Laboratory Reference:	412059	Depth Top [m]:	6.00
Hole No.:	CP103	Depth Base [m]:	6.95
Sample Reference:	10	Sample Type:	U
Sample Description:	Brown slightly gravelly clayey SAND		
Sample Preparation:	Sample prepared in accordance with BS EN ISO 17892-8: 2018 Clause 6.2.		

Test Number	1		Rate of Strain	1.50	%/min
Depth within Sample	-	m	Cell Pressure	120	kPa
Length	200.79	mm	Axial Strain at Failure	15.0	%
Diameter	102.27	mm	Deviator Stress, (σ1 - σ3)f	305	kPa
Length Prior to Shearing	200.79	mm	Undrained Shear Strength, cu	152	kPa ½(σ1 - σ3)f
Bulk Density	2.32	Mg/m3	Mode of Failure	Compound	
Initial Water Content	11.7	%	Membrane Thickness	0.27	mm
Final Water Content	11.0	%	Membrane Correction	2.29	kPa
Dry Density	2.07	Mg/m3			

Deviator Stress v Axial Strain

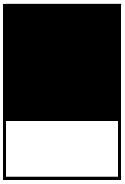


Mohr Circles





Position within sample



Note: Deviator stress corrected for area change and membrane effects.

Remarks:

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Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

GF 463.4

4041

TEST CERTIFICATE

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

Tested in Accordance with: BS EN ISO 17982-8:2018, BS 1377-2 Cl. 28:2022

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Environmental Science

Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	09/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

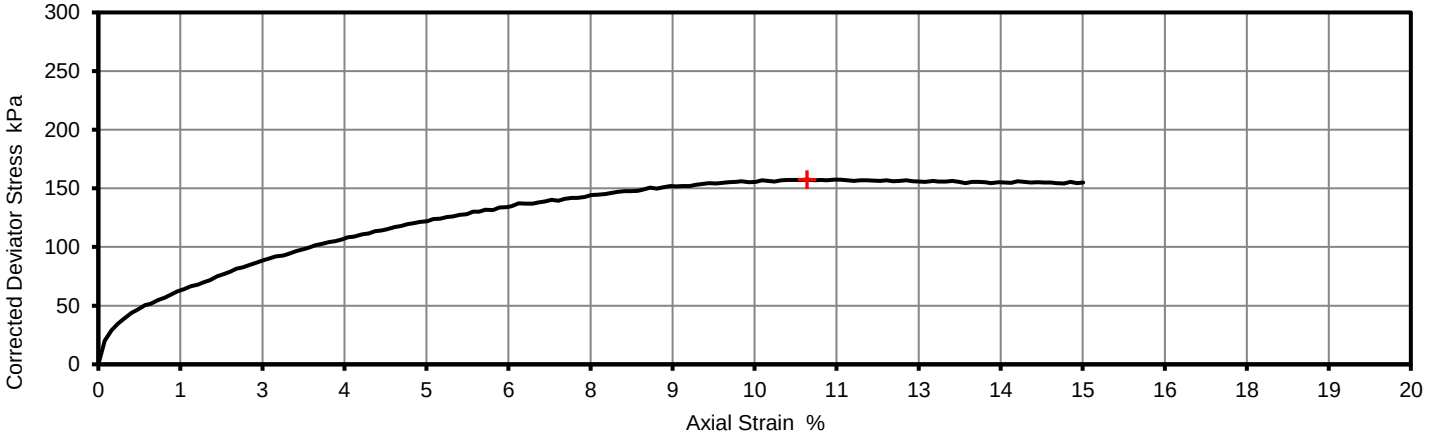
Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

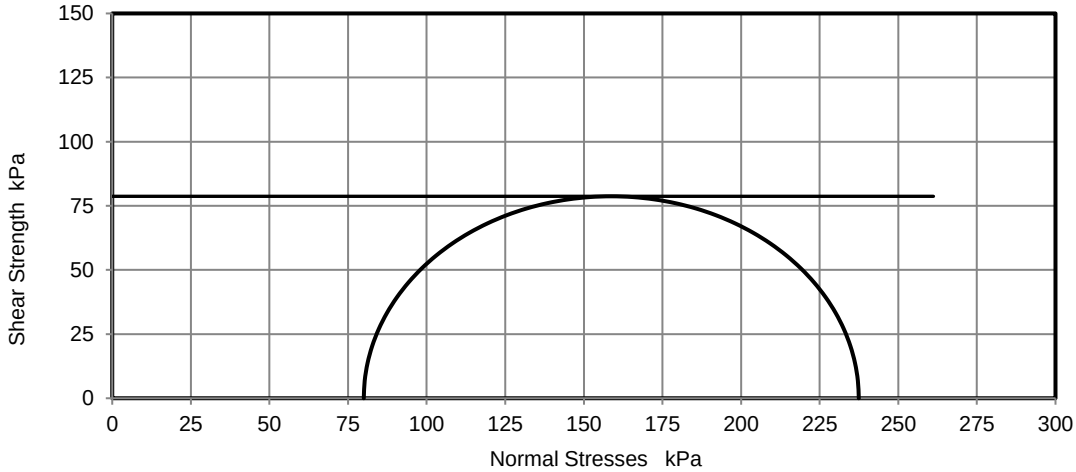
Laboratory Reference:	412060	Depth Top [m]:	4.00
Hole No.:	CP105	Depth Base [m]:	4.45
Sample Reference:	Not Given	Sample Type:	U
Sample Description:	Orangish brown slightly sandy CLAY		
Sample Preparation:	Sample prepared in accordance with BS EN ISO 17892-8: 2018 Clause 6.2.		

Test Number	1		Rate of Strain	1.50	%/min	
Depth within Sample	-	m	Cell Pressure	80	kPa	
Length	140.56	mm	Axial Strain at Failure	10.8	%	
Diameter	68.43	mm	Deviator Stress, (σ1 - σ3)f	157	kPa	
Length Prior to Shearing	140.54	mm	Undrained Shear Strength, cu	79	kPa	½(σ1 - σ3)f
Bulk Density	2.04	Mg/m3	Mode of Failure	Brittle		
Initial Water Content	21.5	%	Membrane Thickness	0.24	mm	
Final Water Content	23.1	%	Membrane Correction	2.19	kPa	
Dry Density	1.68	Mg/m3				

Deviator Stress v Axial Strain

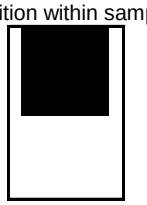


Mohr Circles





Position within sample



Note: Deviator stress corrected for area change and membrane effects.

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Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

GF 463.4

TEST CERTIFICATE

INCREMENTAL LOADING OEDOMETER TEST

Tested in Accordance with: BS EN ISO 17892-5:2017, BS 1377-2:2022 Cl. 16 & 17

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

4041

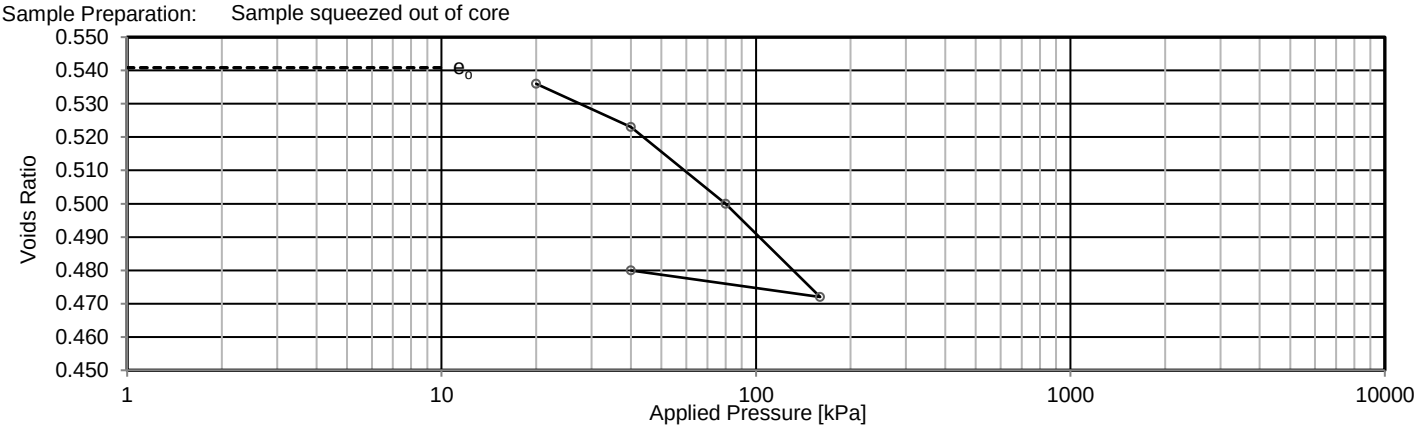
Environmental Science

Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	19/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	09/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	412056	Depth Top [m]:	4.00
Hole No.:	CP101	Depth Base [m]:	4.45
Sample Reference:	7	Sample Type:	U
Sample Description:	Orangish brown slightly gravelly very sandy CLAY		
Sample Preparation:	Sample squeezed out of core		



Specimen details	Diameter [mm]	Height [mm]	Water content * [%]	Bulk density [Mg/m3]	Dry density [Mg/m3]	Voids ratio -	Degree of saturation [%]	Avg. temp for test [°C]	Swelling pressure [kPa]	Total test time [days]
Initial	50.03	20.03	21.0	2.08	1.72	0.541	103	22	Not measured	5
Final	-	19.25	20.5	2.16	1.79	0.480	113			

Sample orientation: Vertical

Particle density: assumed 2.65 Mg/m3

Pressure [kPa]	Voids ratio -	Eoed [MPa]	Mv [m2/MN]	Cv (t50, log) [m2/yr]	Cv (t90, root) [m2/yr]	Cα ## -
0	0.541	-	-	-	-	-
20	0.536	6.1	0.16	2.3	0.75	0.00023
40	0.523	2.4	0.42	1.2	0.88	0.00035
80	0.5	2.8	0.37	2.2	0.82	0.00064
160	0.472	4.3	0.24	2.5	0.87	0.0011
40	0.48	20.9	0.05			

Note: Cv corrected to 20°C, results have been corrected for equipment deformation; * Initial WC calculated from trimmings; ## The parameter has been determined based on an approximate estimation and falls outside the scope of UKAS accreditation

Remarks:

Opinions and interpretations expressed herein are outside of the scope of the UKAS Accreditation. This report may not be reproduced other than in full without the prior written approval of the issuing laboratory. The results included within the report relate only to the sample(s) submitted for testing.

Signed: Monika Siewior

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

GF 448.8

TEST CERTIFICATE

INCREMENTAL LOADING OEDOMETER TEST
Tested in Accordance with: BS EN ISO 17892-5:2017,
BS 1377-2:2022 Cl. 16 & 17

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

4041

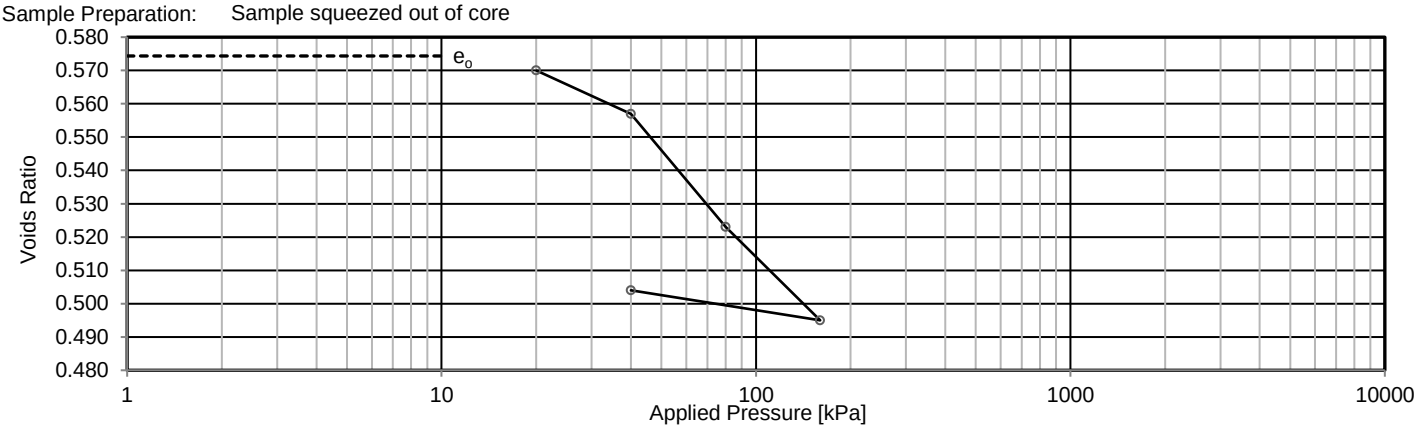
Environmental Science

Client:	Hydrock Consultants Ltd	Client Reference:	35838
Client Address:	4 Lakeside, Festival Park, Stoke on Trent, ST1 5RY	Job Number:	24-060162-1
		Date Sampled:	17/12/2024
		Date Received:	18/12/2024
Contact:	Becky Homer	Date Tested:	08/01/2025
Site Address:	Sharston Industrial Estate	Sampled By:	Client - BH

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	412058	Depth Top [m]:	4.00
Hole No.:	CP102	Depth Base [m]:	4.45
Sample Reference:	8	Sample Type:	U
Sample Description:	Orangish brown slightly gravelly sandy CLAY		
Sample Preparation:	Sample squeezed out of core		



Specimen details	Diameter [mm]	Height [mm]	Water content * [%]	Bulk density [Mg/m3]	Dry density [Mg/m3]	Voids ratio -	Degree of saturation [%]	Avg. temp for test [°C]	Swelling pressure [kPa]	Total test time [days]
Initial	50.04	20.06	22.2	2.06	1.68	0.574	102	22	Not measured	5
Final	-	19.16	22.7	2.16	1.76	0.504	119			

Sample orientation: Vertical

Particle density: assumed 2.65 Mg/m3

Pressure [kPa]	Voids ratio -	Eoed [MPa]	Mv [m2/MN]	Cv (t50, log) [m2/yr]	Cv (t90, root) [m2/yr]	Cα ## -
0	0.574	-	-	-	-	-
20	0.57	6.6	0.15	N/A	N/A	N/A
40	0.557	2.6	0.39	13	8.5	0.00037
80	0.523	1.8	0.56	30	37	0.00064
160	0.495	4.5	0.23	1.4	0.77	0.00066
40	0.504	20.9	0.05			

Note: Cv corrected to 20°C, results have been corrected for equipment deformation; * Initial WC calculated from trimmings; ## The parameter has been determined based on an approximate estimation and falls outside the scope of UKAS accreditation

Remarks:

Opinions and interpretations expressed herein are outside of the scope of the UKAS Accreditation. This report may not be reproduced other than in full without the prior written approval of the issuing laboratory. The results included within the report relate only to the sample(s) submitted for testing.

Signed: Monika Siewior

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 14/01/2025

GF 448.8

Hydrock Consultants Ltd
4 Lakeside
Festival Park
Stoke on Trent
ST1 5RY

t: 01782 261919

e: beckyhomer@hydrock.com
markgriffiths@hydrock.com

i2 Analytical Ltd.
7 Woodshots Meadow,
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Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

Analytical Report Number : 24-060164

Project / Site name:	Sharston Industrial Estate	**Samples received on:**	18/12/2024
Your job number:	35838	**Samples instructed on/ Analysis started on:**	18/12/2024
Your order number:	PO38559	**Analysis completed by:**	24/12/2024
Report Issue Number:	1	**Report issued on:**	24/12/2024
Samples Analysed:	6 soil samples		

Signed:

Adan Cazas Garcia
Key Account Manager
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting
air	- once the analysis is complete

Excel copies of reports are only valid when accompanied by this PDF certificate.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.
Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate of measurement uncertainty can be provided on request.

This certificate should not be reproduced, except in full, without the express permission of the laboratory.
The results included within the report are representative of the samples submitted for analysis.

Analytical Report Number: 24-060164
Project / Site name: Sharston Industrial Estate
Your Order No: PO38559

Lab Sample Number				412079	412080	412081	412082	412083
Sample Reference				WS105	WS104	CP102	CP103	WS104
Sample Number				1	1	10	1	None Supplied
Water Matrix				N/A	N/A	N/A	N/A	N/A
Depth (m)				0.70-1.00	0.20-0.50	5.00-5.45	0.30-0.60	1.20-3.00
Date Sampled				11/12/2024	17/12/2024	11/12/2024	09/12/2024	17/12/2024
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Test Limit of detection**	**Test Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	56.3	< 0.1	< 0.1	45.7
Moisture Content	%	0.01	NONE	6.6	13	21	21	6
Total mass of sample received	kg	0.1	NONE	0.5	0.5	0.5	0.5	0.5
General Inorganics								
Organic Matter (automated)	%	0.1	MCERTS	0.6	2.8	1.4	1.3	0.4

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

This certificate should not be reproduced, except in full, without the express permission of the laboratory.
The results included within the report relate only to the sample(s) submitted for testing.

Analytical Report Number: 24-060164
Project / Site name: Sharston Industrial Estate
Your Order No: PO38559

Lab Sample Number				412084
Sample Reference				CP105
Sample Number				None Supplied
Water Matrix				N/A
Depth (m)				1.20-1.65
Date Sampled				12/12/2024
Time Taken				None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Test Limit of detection**	**Test Accreditation Status**	
Stone Content	%	0.1	NONE	57.2
Moisture Content	%	0.01	NONE	7.5
Total mass of sample received	kg	0.1	NONE	0.5
General Inorganics				
Organic Matter (automated)	%	0.1	MCERTS	0.6

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number : 24-060164
Project / Site name: Sharston Industrial Estate

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
412079	WS105	1	0.70-1.00	Brown sand with gravel
412080	WS104	1	0.20-0.50	Brown sand with gravel and brick
412081	CP102	10	5.00-5.45	Brown clay
412082	CP103	1	0.30-0.60	Brown clay and sand with gravel
412083	WS104	None Supplied	1.20-3.00	Brown sand with gravel and stones
412084	CP105	None Supplied	1.20-1.65	Brown sand with gravel and stones

Analytical Report Number : 24-060164
Project / Site name: Sharston Industrial Estate

Water matrix abbreviations:
Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)
Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Organic matter (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate (Walkley Black Method)	In-house method	L009B	D	MCERTS
Moisture Content	Moisture content, determined gravimetrically (up to 30°C)	In-house method	L019B	W	NONE
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight	In-house method based on British Standard Methods and MCERTS requirements.	L019B	D	NONE

For method numbers ending in 'UK' or 'A' analysis have been carried out in our laboratory in the United Kingdom (Watford).
For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).
For method numbers ending in 'PL' or 'B' analysis have been carried out in our laboratory in Poland.
Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.
Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

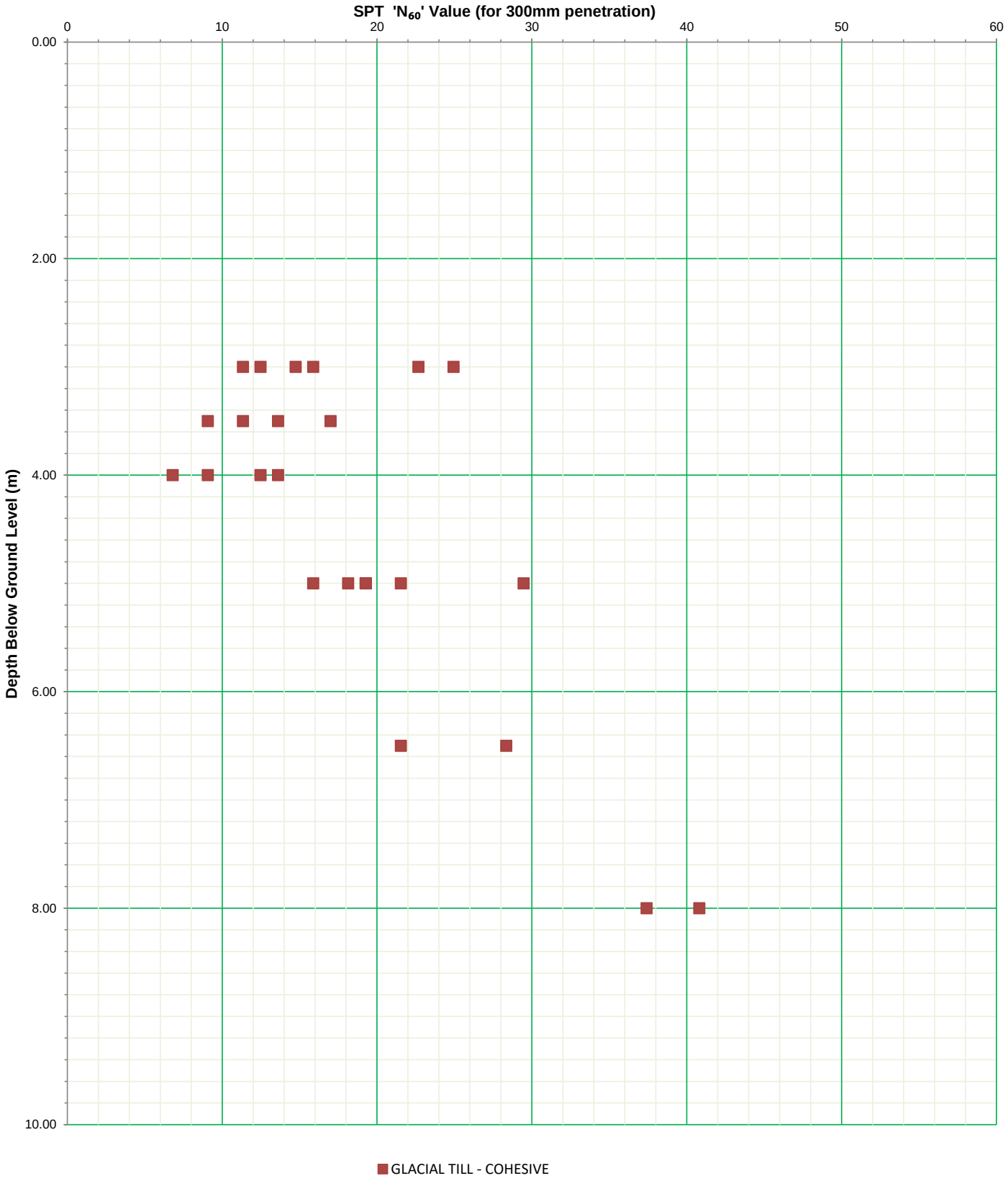
Quality control parameter failure associated with individual result applies to calculated sum of individuals.
The result for sum should be interpreted with caution

Geotechnical plots

Hydrock

SPT 'N_{60}' VALUES COHESIVE NATURAL STRATA vs DEPTH

Site:	Client:	Contract No.	35838
Sharston Road, Sharston	Kier Property Ltd	All Data	

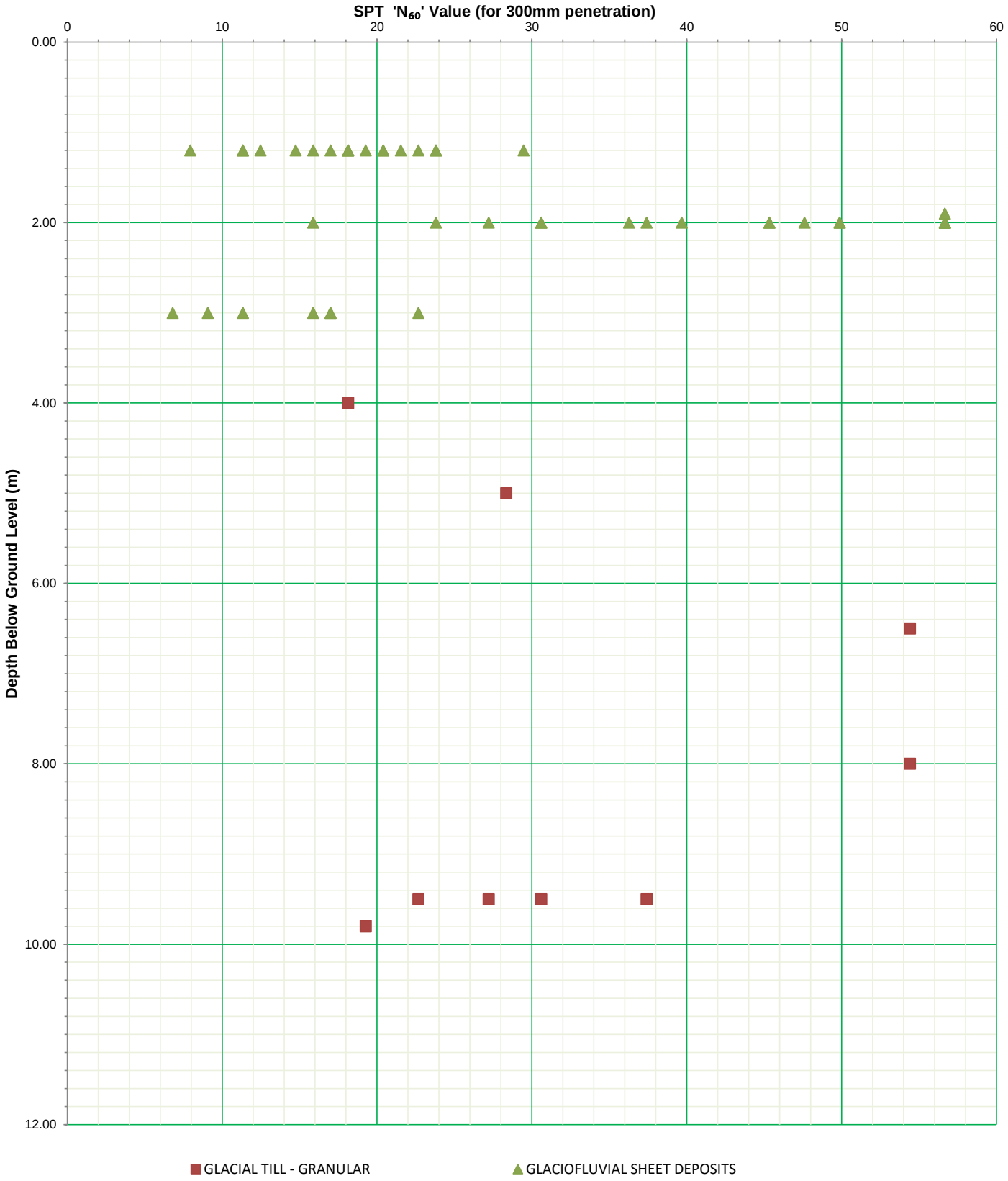


Template Version	1.2	Template Date	16/05/2024

Hydrock

SPT 'N_{60}' VALUES GRANULAR NATURAL STRATA vs DEPTH

Site:	Client:	Contract No.	35838
Sharston Road, Sharston	Kier Property Ltd	All Data	

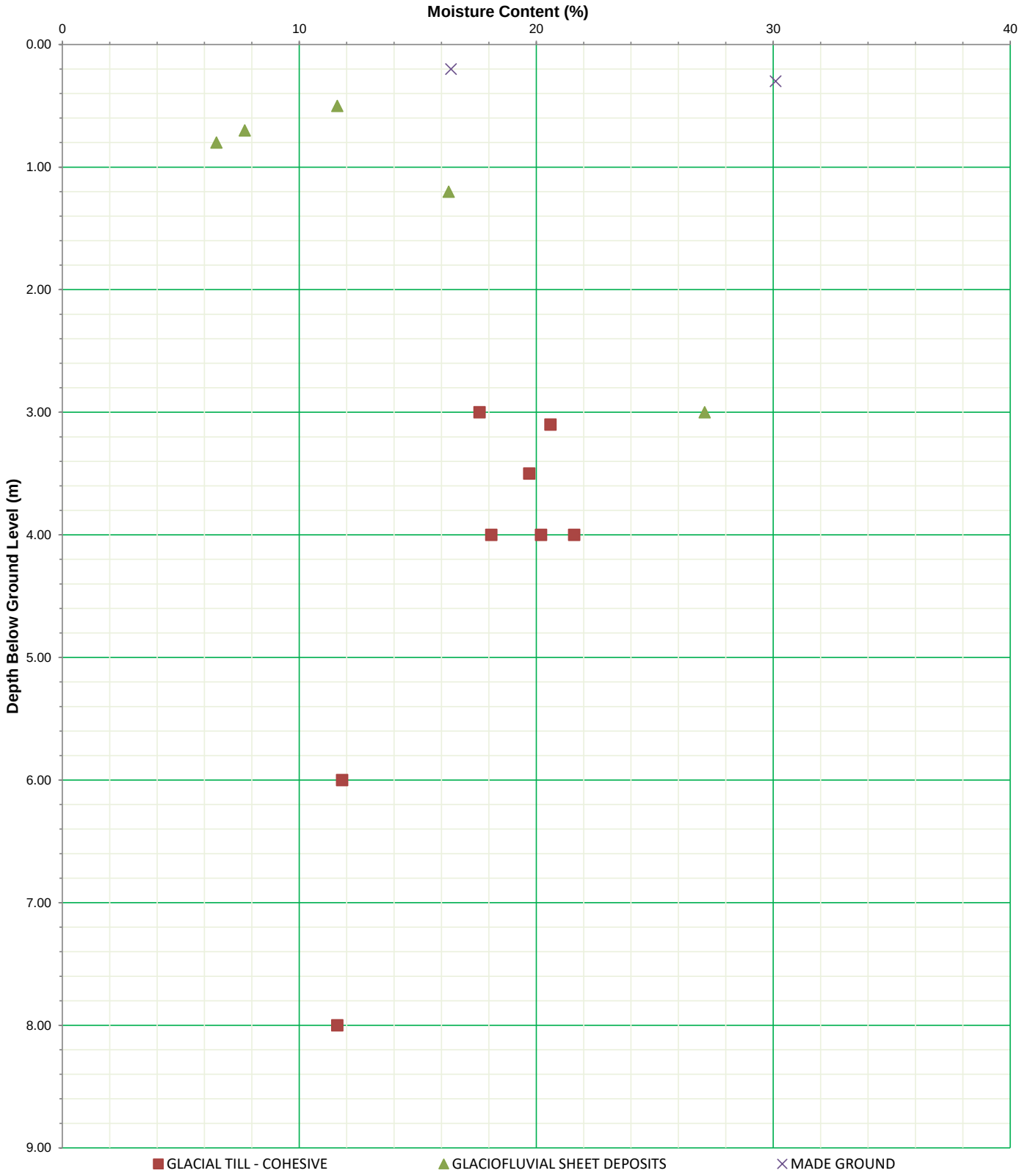


Template Version	1.2	Template Date	16/05/2024

Hydrock

MOISTURE CONTENT vs DEPTH

Site:	Client:	Contract No.	35838
Sharston Road, Sharston	Kier Property Ltd	All Data	

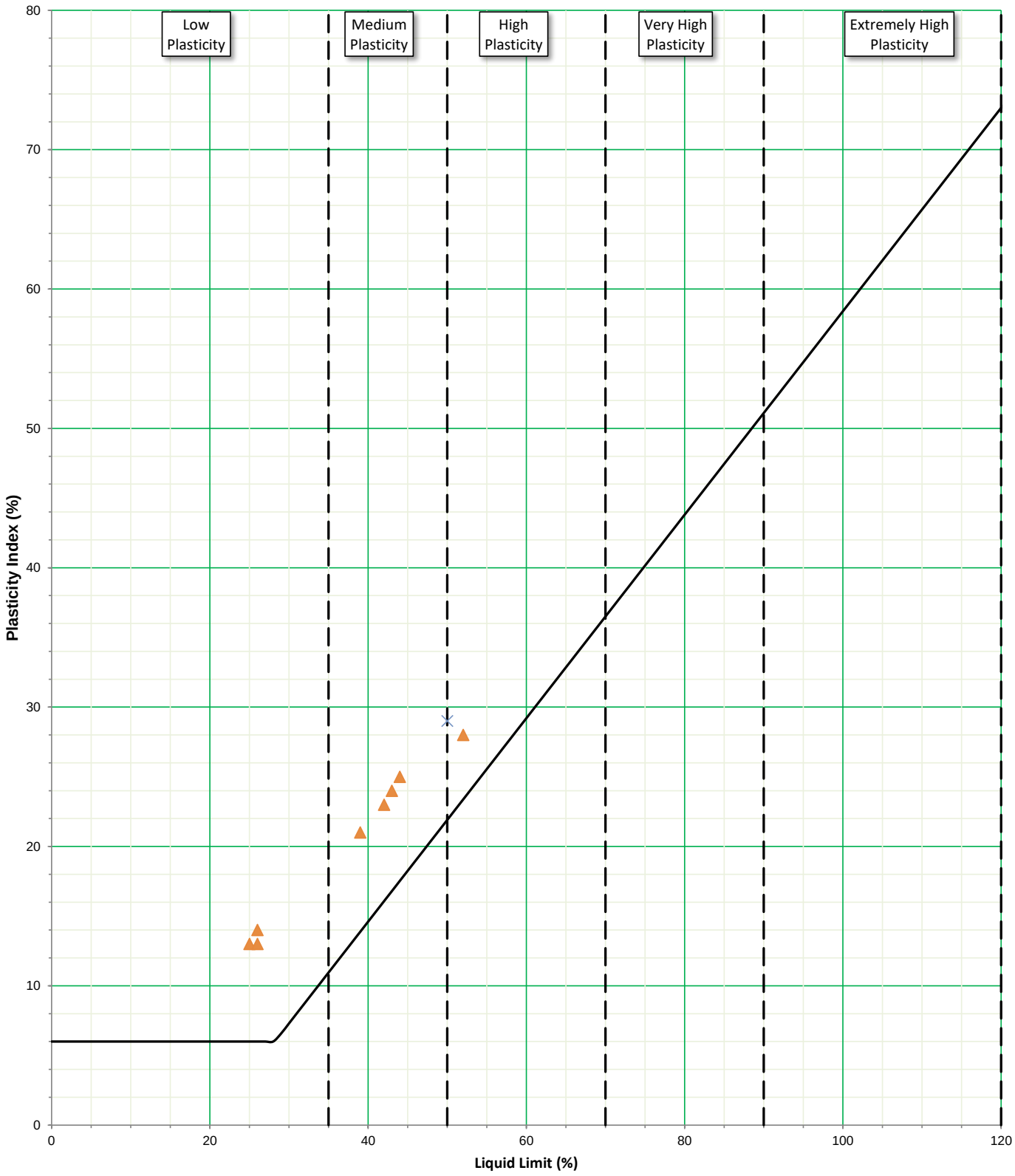


Template Version	1.2	Template Date	16/05/2024

Hydrock

PLASTICITY CLASSIFICATION CHART

Site:	Client:	Contract No.	35838
Sharston Road, Sharston	Kier Property Ltd	All Data	



Template Version	1.2	Template Date	16/05/2024

Hydrock

Client	Location or material to which this assessment applies
Kier Property Limited	Glaciofluvial Sheet Deposits
Project	
Sharston Industrial Estate	
Job number	
35838	

Concrete in aggressive ground

After BRE Special Digest 1:2005 + 2017 3e

Soil data

	(Adjusted) water soluble sulfate (mg/l)	Total potential sulfate (%)	Water soluble magnesium (mg/l)
Number of tests	6	6	6
No. tests in 20% data set	1	1	1
No. tests with suspected pyrite		0	
Maximum value	476.84	0.2	7.3
Mean of highest two values	355	0	7
Mean of highest 20%			
Characteristic Value	**355**	**0**	**7**

	[no pyrite]	**[pyrite suspected]**
DS Class	**DS-1**	**DS-1**

If pyrite suspected, DS Class limited to **DS-1**

Is pyrite assumed to be present? **No** **Adopted DS Class =** **DS-1**

Water data

	(Adjusted) soluble sulfate (mg/l)	Soluble magnesium (mg/l)
Characteristic Value (Maximum Level)	0	0
DS Class		

pH data

	Soil	Water
Number of tests	6	0
No. tests in 20% data set	1	
Lowest pH	7.0	
Mean of lowest 20%	7.0	
Characteristic value	**7.0**	
Design value	**7.0**	
Number of soil pH results less than 5.5	0	

DS Class design value

Based on higher of soil and water data **DS-1**

ACEC Class design value

Natural ground

Mobile groundwater **AC-1 ***

* increase to AC-2z in flowing water (pure or with >15mg/l carbon dioxide)

Client	Location or material to which this assessment applies
Kier Property Limited	Made Ground
Project	
Sharston Industrial Estate	
Job number	
35838	

Concrete in aggressive ground

After BRE Special Digest 1:2005 + 2017 3e

Soil data

	(Adjusted) water soluble sulfate (mg/l)	Total potential sulfate (%)	Water soluble magnesium (mg/l)
Number of tests	3	3	3
No. tests in 20% data set	1	1	1
No. tests with suspected pyrite		0	
Maximum value	252.8	0.1	14
Mean of highest two values	235	0	9
Mean of highest 20%			
Characteristic Value	**252.8**	**0.1**	**14**

	[no pyrite]	**[pyrite suspected]**
DS Class	**DS-1**	**DS-1**

If pyrite suspected, DS Class limited to **DS-1**

Is pyrite assumed to be present? **No** **Adopted DS Class =** **DS-1**

Water data

	(Adjusted) soluble sulfate (mg/l)	Soluble magnesium (mg/l)
Characteristic Value (Maximum Level)	0	0

DS Class

pH data

	Soil	Water
Number of tests	3	0
No. tests in 20% data set	1	
Lowest pH	7.8	
Mean of lowest 20%	7.8	
Characteristic value	**7.8**	
Design value	**7.8**	

Number of soil pH results less than 5.5: 0

DS Class design value

Based on higher of soil and water data **DS-1**

ACEC Class design value

Natural ground

Mobile groundwater **AC-1 ***

* increase to AC-2z in flowing water (pure or with >15mg/l carbon dioxide)

Hydrock

Client	Location or material to which this assessment applies
Kier Property Limited	GLACIAL TILL - COHESIVE
Project	
Sharston Industrial Estate	
Job number	
35838	

Concrete in aggressive ground

After BRE Special Digest 1:2005 + 2017 3e

Soil data

	(Adjusted) water soluble sulfate (mg/l)	Total potential sulfate (%)	Water soluble magnesium (mg/l)
Number of tests	1	1	1
No. tests in 20% data set	0	0	
No. tests with suspected pyrite		0	
Maximum value	101.705	0	6.2
Mean of highest two values	102	0	6
Mean of highest 20%			
Characteristic Value	**101.705**	**0**	**6.2**

	[no pyrite]	[pyrite suspected]
DS Class	**DS-1**	**DS-1**

If pyrite suspected, DS Class limited to **DS-1**

Is pyrite assumed to be present? No **Adopted DS Class =** **DS-1**

Water data

	(Adjusted) soluble sulfate (mg/l)	Soluble magnesium (mg/l)
Characteristic Value (Maximum Level)	0	0

DS Class

pH data

	Soil	Water
Number of tests	1	0
No. tests in 20% data set	0	
Lowest pH	7.6	
Mean of lowest 20%		
Characteristic value	**7.6**	
Design value	**7.6**	

Number of soil pH results less than 5.5: 0

DS Class design value

Based on higher of soil and water data **DS-1**

ACEC Class design value

Natural ground

Mobile groundwater **AC-1 ***

* increase to AC-2z in flowing water (pure or with >15mg/l carbon dioxide)

Appendix E Site monitoring data and ground gas risk assessment

Site monitoring data

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**08/01/2025**	**Weather:**	Cold and windy
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS101	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	2.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	2.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0.03	0.00	0.20	3.70	19.40	0.00	0.00	NM
0:00:30	-	0.00	0.20	3.70	18.10	0.00	0.00	NM
0:01:00	-	0.00	0.20	3.70	18.10	0.00	0.00	NM
0:02:00	-		0.20	3.70	18.10	0.00	0.00	NM
0:03:00	-		0.20	3.70	18.10	0.00	0.00	NM
0:04:00	-		0.20	3.60	18.20	0.00	0.00	NM
0:05:00	-		0.20	3.60	18.20	0.00	0.00	NM
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	997.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.00	0.00	0.00	NM

Observations during monitoring

Rising pressure. -2 degrees.

Samples

Sample ID:		**Containers:**	

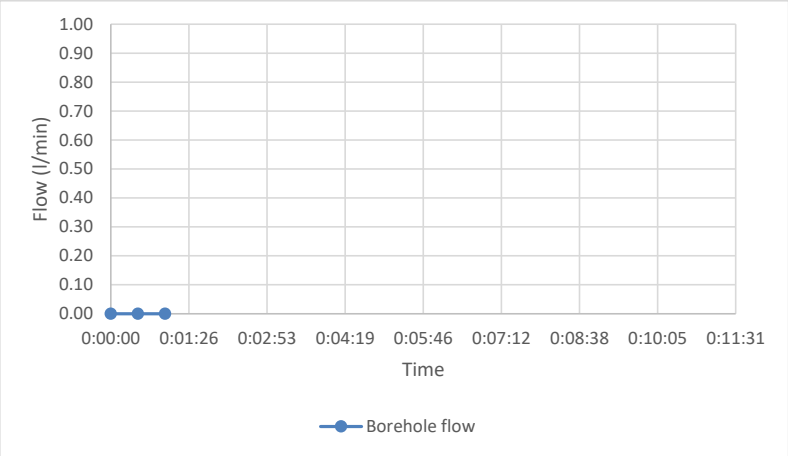
QA/QC Samples

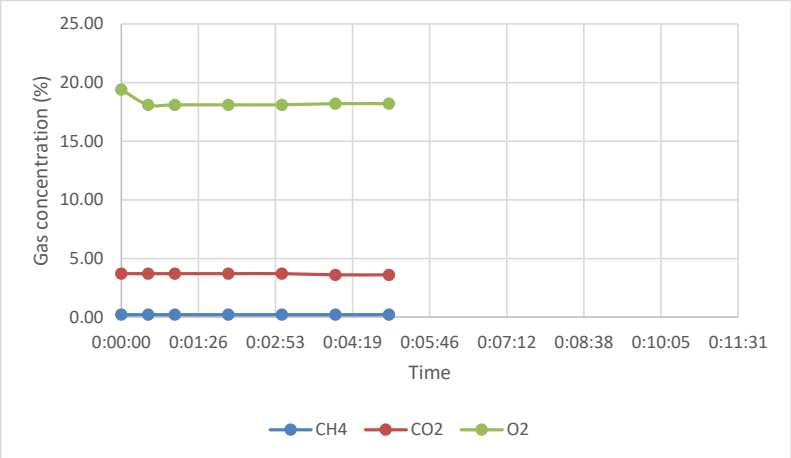
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

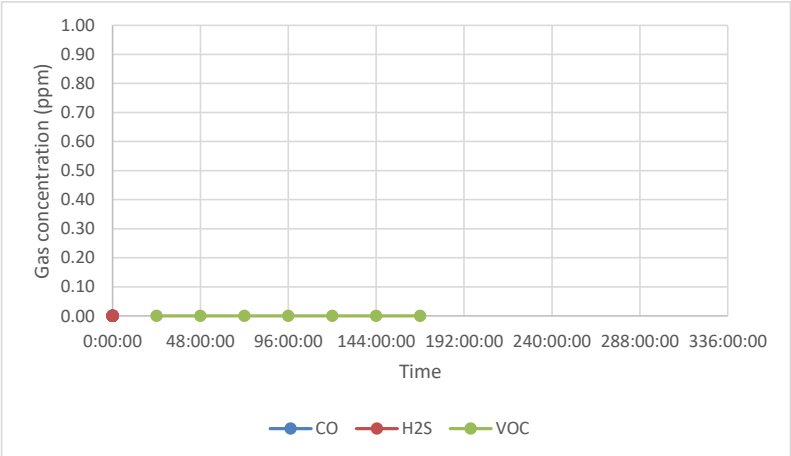
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	-
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	1.99
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**08/01/2025**	**Weather:**	Cold and windy
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS102	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0.02	0.00	0.20	4.40	21.00	0.00	0.00	NM
0:00:30	-	0.00	0.20	4.40	16.90	0.00	0.00	NM
0:01:00	-	0.00	0.20	4.50	16.30	0.00	0.00	NM
0:02:00	-		0.20	4.60	16.20	0.00	0.00	NM
0:03:00	-		0.20	4.60	16.10	0.00	0.00	NM
0:04:00	-		0.20	4.60	16.00	0.00	0.00	NM
0:05:00	-		0.20	4.60	16.10	0.00	0.00	NM
0:06:00	-		0.20	4.50	16.20	0.00	0.00	NM
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	997.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.00	0.00	0.00	NM

Observations during monitoring

Rising pressure. -2 degrees.

Samples

Sample ID:		**Containers:**	

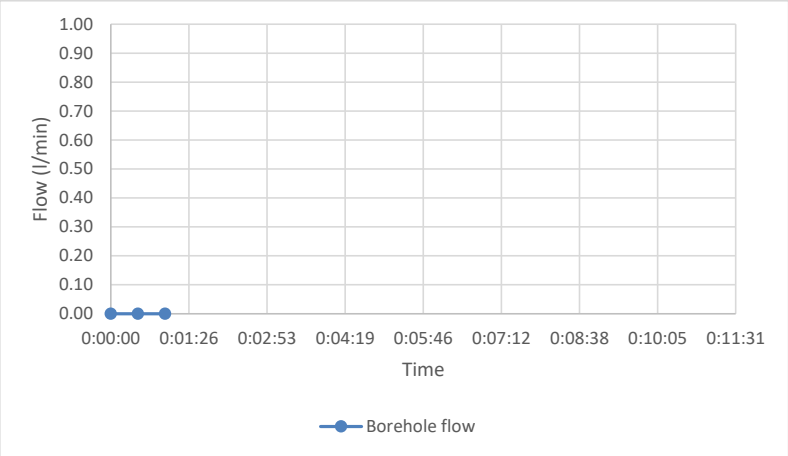
QA/QC Samples

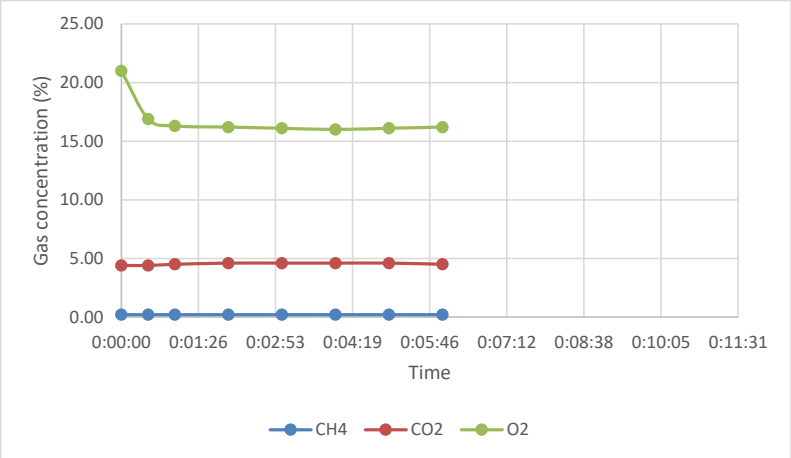
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

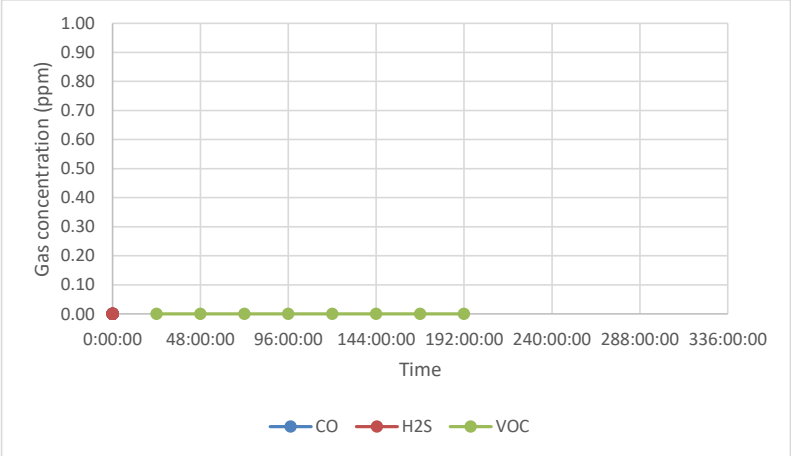
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	-
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.93
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**08/01/2025**	**Weather:**	Cold and windy
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	wS103	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	-0.03	0.00	0.30	1.00	20.70	0.00	0.00	NM
0:00:30	-	0.00	0.30	1.00	20.40	0.00	0.00	NM
0:01:00	-	0.00	0.20	1.00	20.20	0.00	0.00	NM
0:02:00	-		0.20	1.00	20.10	0.00	1.00	NM
0:03:00	-		0.20	1.00	20.00	0.00	1.00	NM
0:04:00	-		0.20	1.00	20.00	0.00	1.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	997.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.00	0.00	0.00	NM

Observations during monitoring

Rising pressure. -2 degrees.

Samples

Sample ID:		**Containers:**	

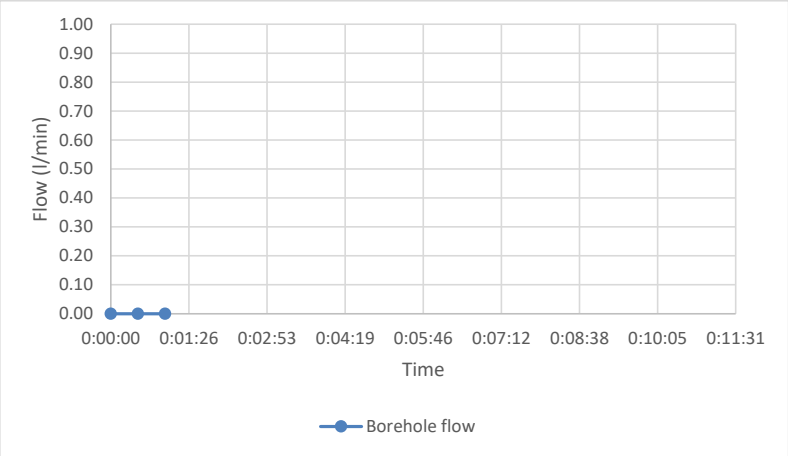
QA/QC Samples

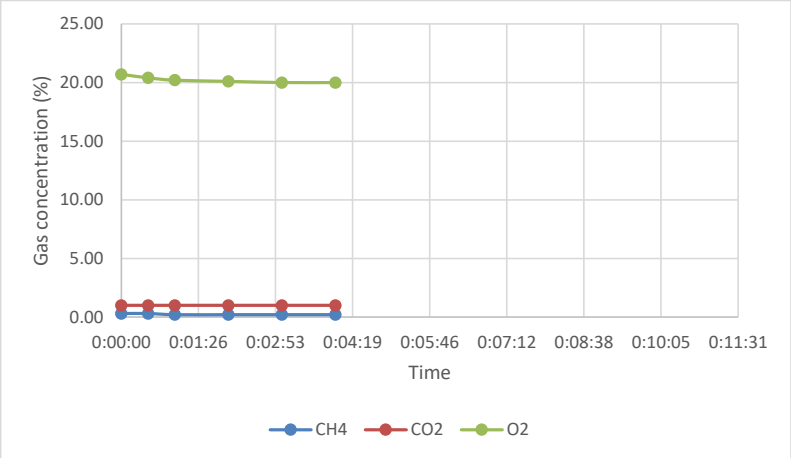
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☐ Triplicate	**Sample ID:**		**Laboratory:**	

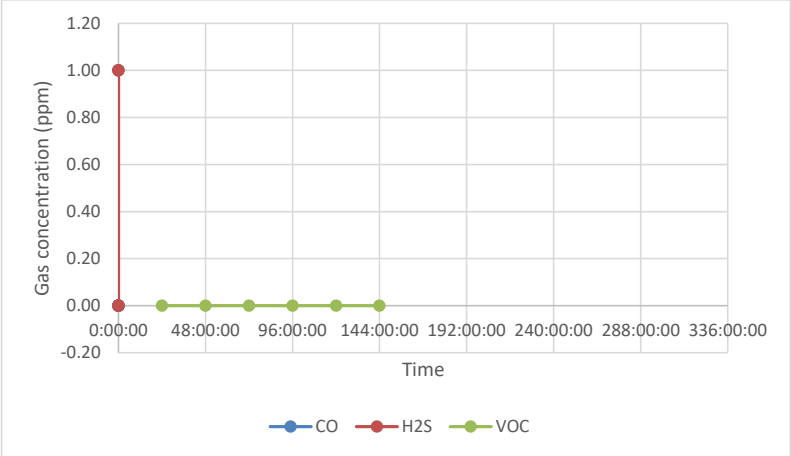
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.19
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.95
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
-0.20
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**08/01/2025**	**Weather:**	Cold and windy
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS104	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	-0.02	0.00	0.20	2.10	21.20	0.00	0.00	NM
0:00:30	-	0.00	0.20	2.20	19.90	0.00	0.00	NM
0:01:00	-	0.00	0.20	2.20	19.70	0.00	0.00	NM
0:02:00	-		0.20	2.20	19.70	0.00	0.00	NM
0:03:00	-		0.20	2.20	19.70	0.00	0.00	NM
0:04:00	-		0.20	2.20	19.70	0.00	0.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	997.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.00	0.00	0.00	NM

Observations during monitoring

Rising pressure. -2 degrees.

Samples

Sample ID:		**Containers:**	

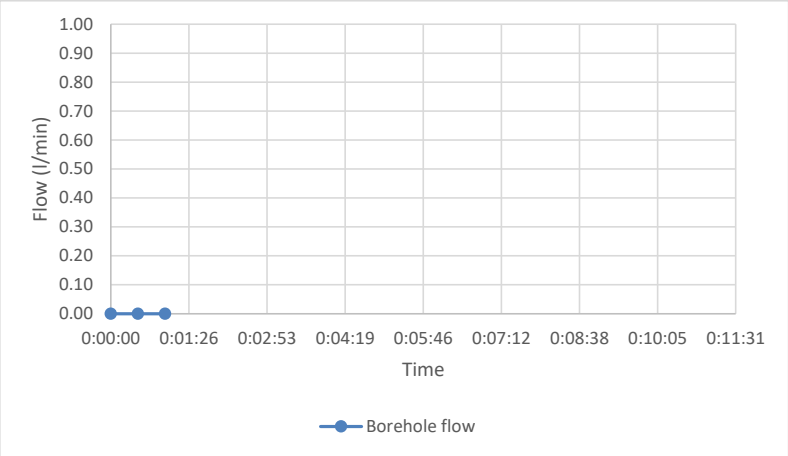
QA/QC Samples

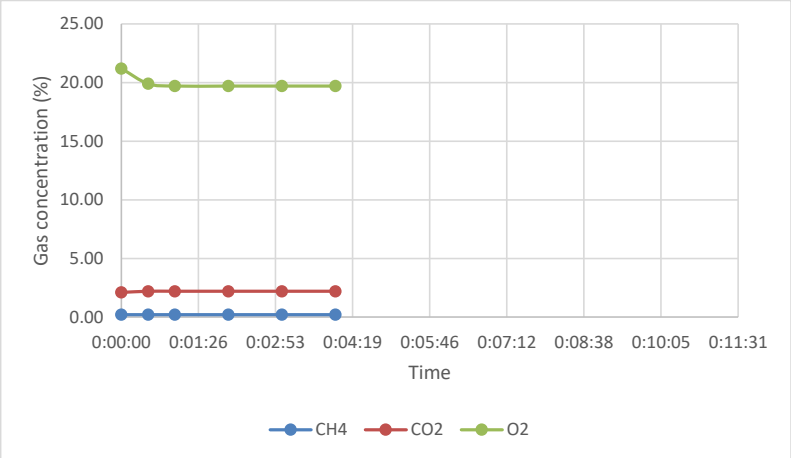
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

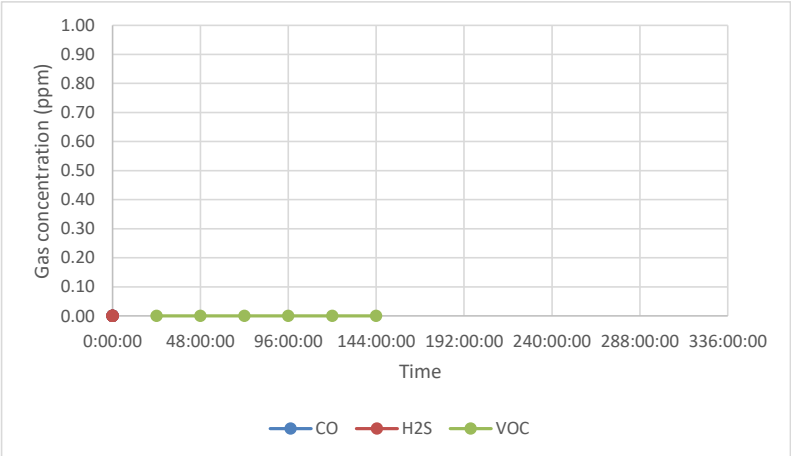
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.43
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.89
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**08/01/2025**	**Weather:**	Cold and windy
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS105	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0	0.00	0.20	0.20	20.30	10.00	1.00	NM
0:00:30	-	0.00	0.20	0.20	20.40	1.00	1.00	NM
0:01:00	-	0.00	0.20	0.20	20.40	0.00	1.00	NM
0:02:00	-		0.20	0.20	20.40	0.00	1.00	NM
0:03:00	-		0.20	0.50	20.40	0.00	1.00	NM
0:04:00	-		0.20	0.50	20.40	0.00	0.00	NM
0:05:00	-		0.20	0.50	20.40	0.00	1.00	NM
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	997.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.00	0.00	0.00	NM

Observations during monitoring

Rising pressure. -2 degrees.

Samples

Sample ID:		**Containers:**	

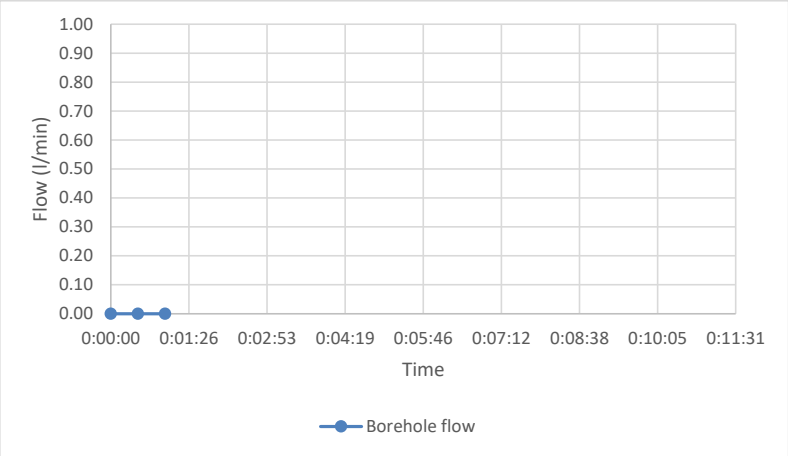
QA/QC Samples

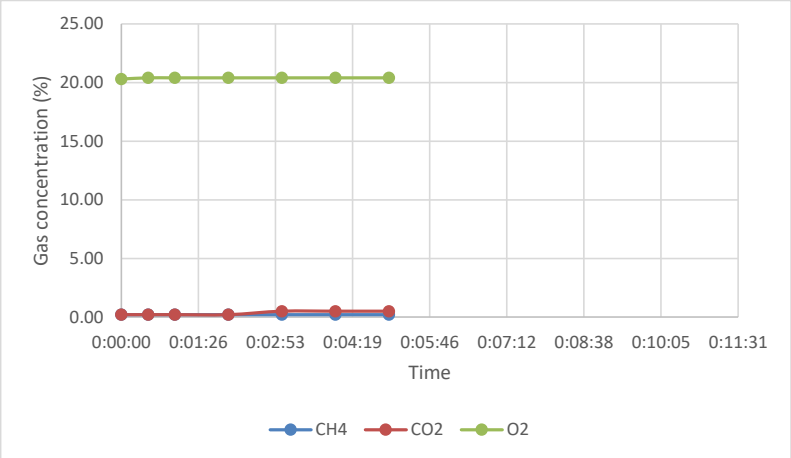
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

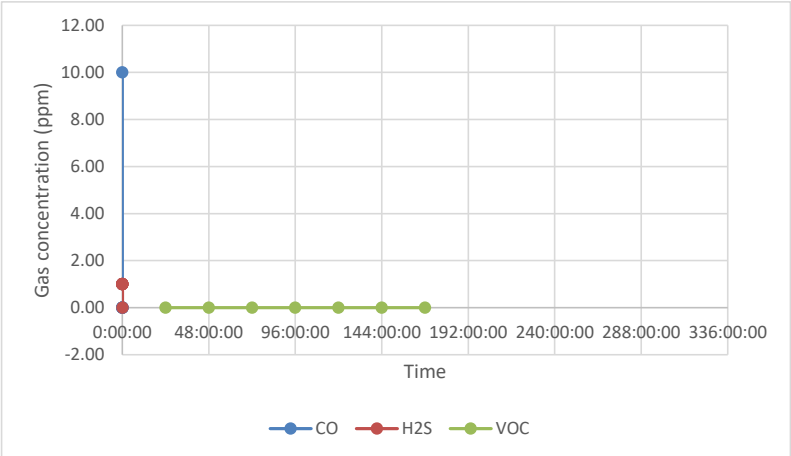
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.20
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.96
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


12.00
10.00
8.00
6.00
4.00
2.00
0.00
-2.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**08/01/2025**	**Weather:**	Cold and windy
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS106	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	2.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	2.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0.03	0.00	0.20	0.20	20.20	0.00	1.00	NM
0:00:30	-	0.00	0.20	2.90	18.40	0.00	1.00	NM
0:01:00	-	0.00	0.20	2.90	17.70	0.00	1.00	NM
0:02:00	-		0.20	2.90	17.70	0.00	0.00	NM
0:03:00	-		0.20	2.90	17.60	0.00	1.00	NM
0:04:00	-		0.20	2.90	17.60	0.00	1.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	997.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.00	0.00	0.00	NM

Observations during monitoring

Rising pressure. -2 degrees.

Samples

Sample ID:		**Containers:**	

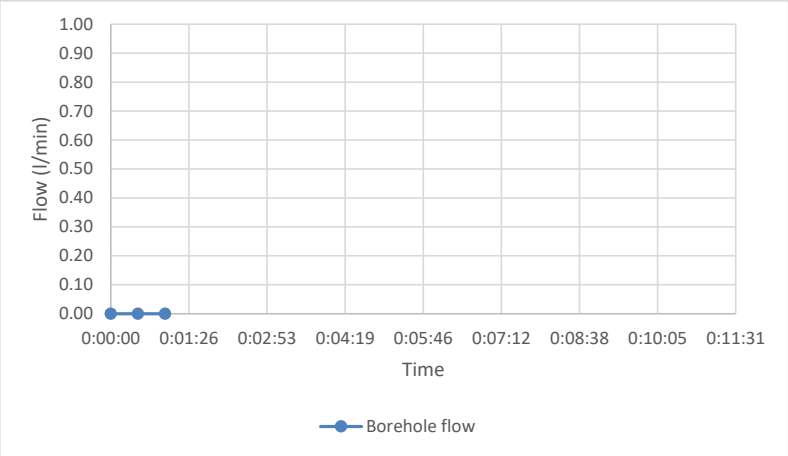
QA/QC Samples

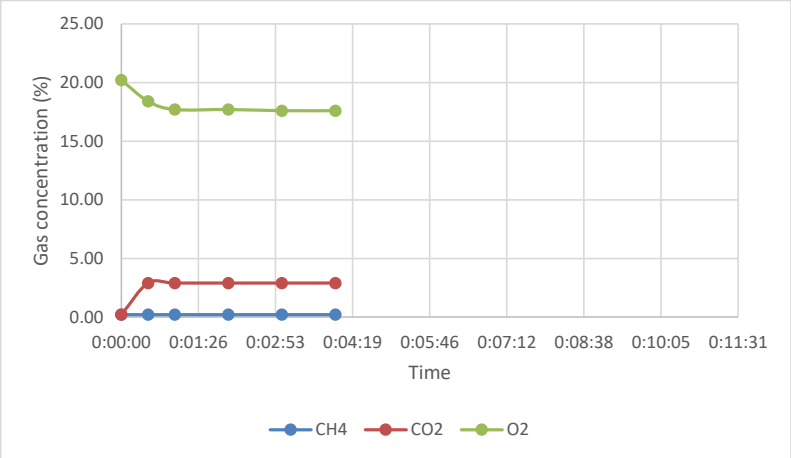
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

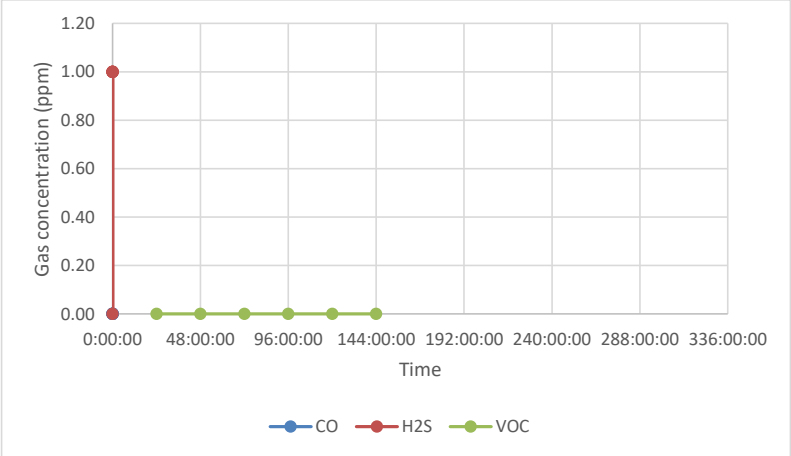
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	-
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.10
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**08/01/2025**	**Weather:**	Cold and windy
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS107	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	-0.03	0.00	0.20	0.30	20.20	0.00	1.00	NM
0:00:30	-	0.00	0.20	1.20	19.60	0.00	1.00	NM
0:01:00	-	0.00	0.20	1.20	19.40	0.00	1.00	NM
0:02:00	-		0.20	1.20	19.40	0.00	1.00	NM
0:03:00	-		0.20	1.20	19.40	0.00	1.00	NM
0:04:00	-		0.20	1.20	19.40	0.00	1.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	997.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.00	0.00	0.00	NM

Observations during monitoring

Rising pressure. -2 degrees.

Samples

Sample ID:		**Containers:**	

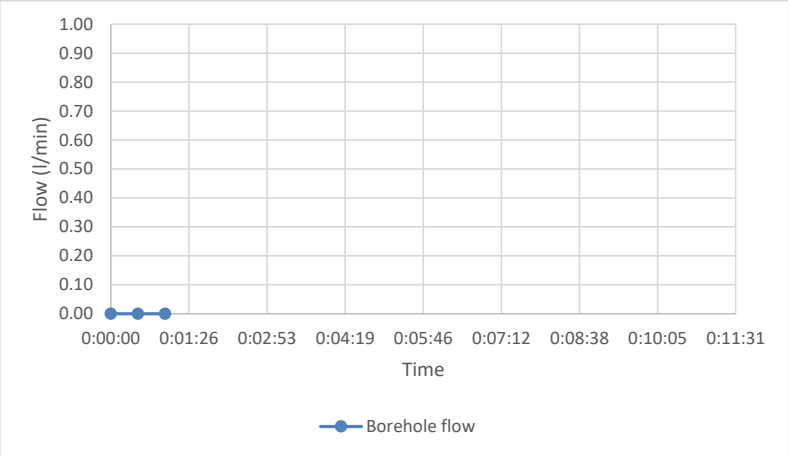
QA/QC Samples

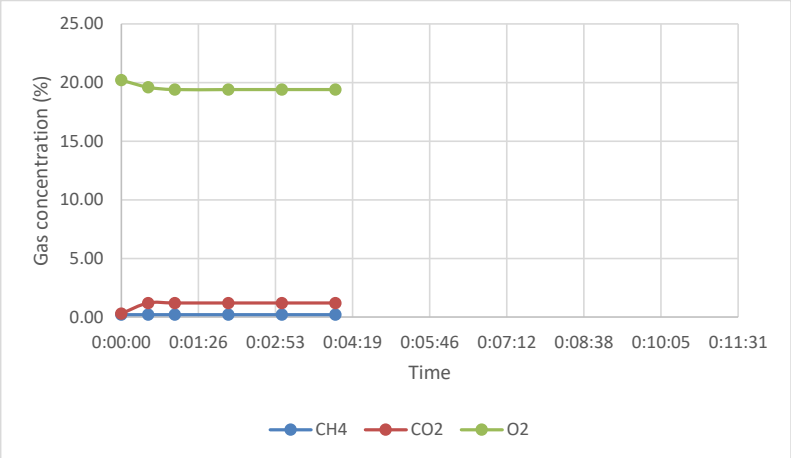
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☐ Triplicate	**Sample ID:**		**Laboratory:**	

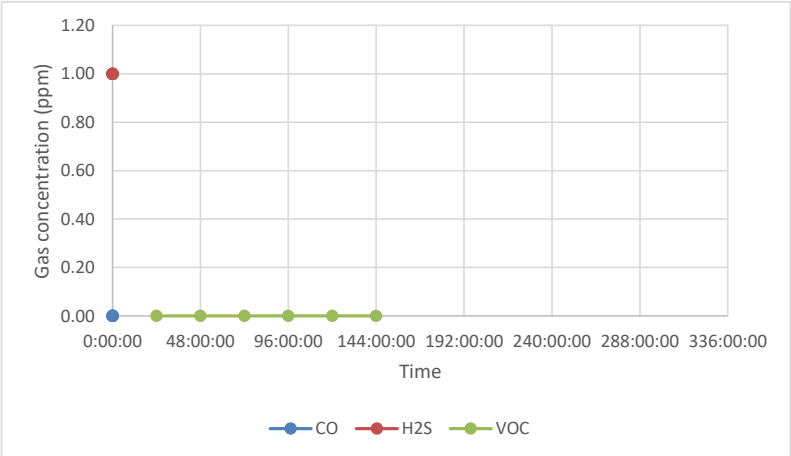
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.33
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	3.04
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**08/01/2025**	**Weather:**	Cold and windy
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS108	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0.02	0.00	0.20	1.30	20.00	0.00	1.00	NM
0:00:30	-	0.00	0.20	1.30	19.40	0.00	1.00	NM
0:01:00	-	0.00	0.20	1.30	19.30	0.00	1.00	NM
0:02:00	-		0.20	1.30	19.30	0.00	1.00	NM
0:03:00	-		0.20	1.30	19.30	0.00	1.00	NM
0:04:00	-		0.20	1.30	19.30	0.00	1.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	997.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.00	0.00	0.00	NM

Observations during monitoring

Rising pressure. -2 degrees.

Samples

Sample ID:		**Containers:**	

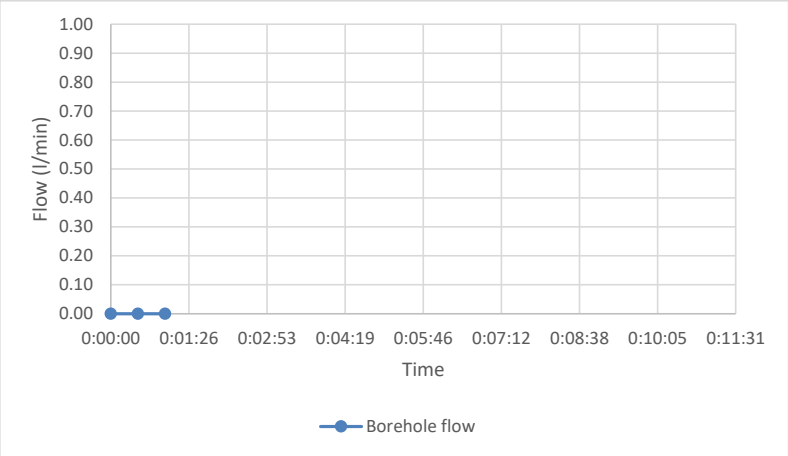
QA/QC Samples

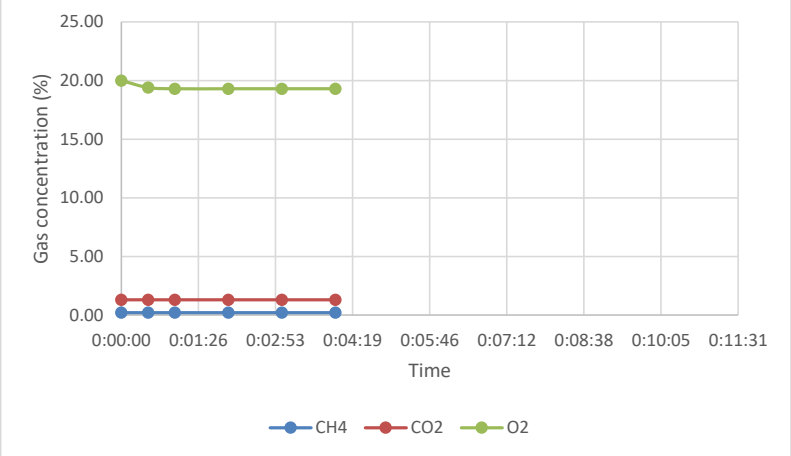
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

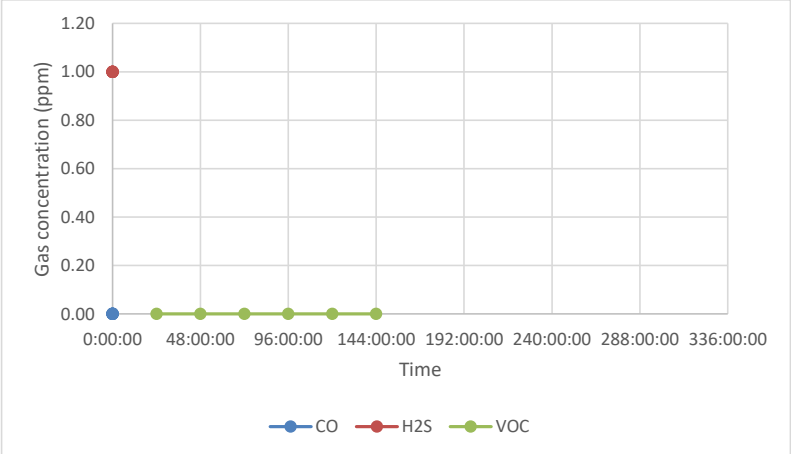
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.20
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	3.02
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**08/01/2025**	**Weather:**	Cold and windy
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS109	**Casing Level above GL (m):**	0
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	1.90
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	1.90
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0.03	0.00	0.20	1.20	21.00	0.00	0.00	NM
0:00:30	-	0.00	0.20	1.20	20.20	0.00	0.00	NM
0:01:00	-	0.00	0.20	1.20	20.10	0.00	0.00	NM
0:02:00	-		0.20	1.30	20.10	0.00	0.00	NM
0:03:00	-		0.20	1.30	20.10	0.00	0.00	NM
0:04:00	-		0.20	1.30	20.10	0.00	0.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	997.00						
Ambient concentrations:		CH4	CO2	O2	CO	H2S	VOC
		0.20	0.10	21.00	0.00	0.00	NM

Observations during monitoring

Rising pressure. -2 degrees.

Samples

Sample ID:		Containers:	

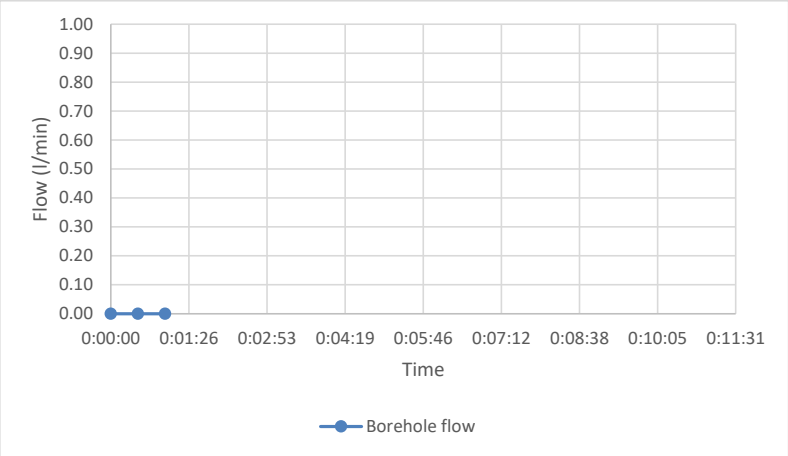
QA/QC Samples

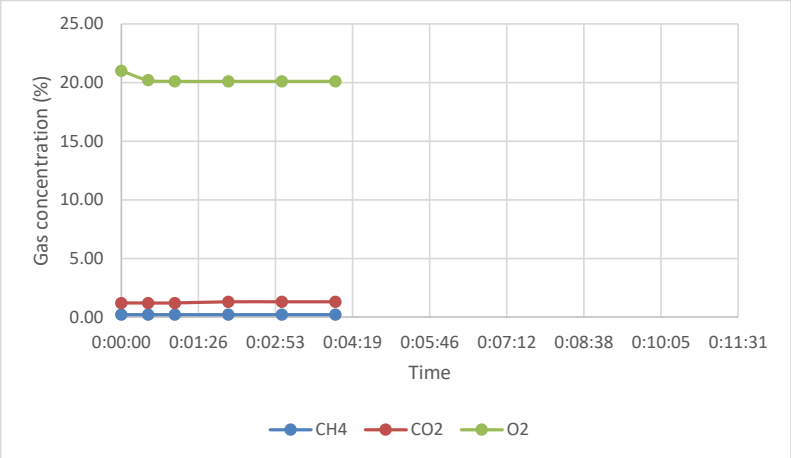
☐ Duplicate	Sample ID:		Laboratory:	
☐ Triplicate	Sample ID:		Laboratory:	

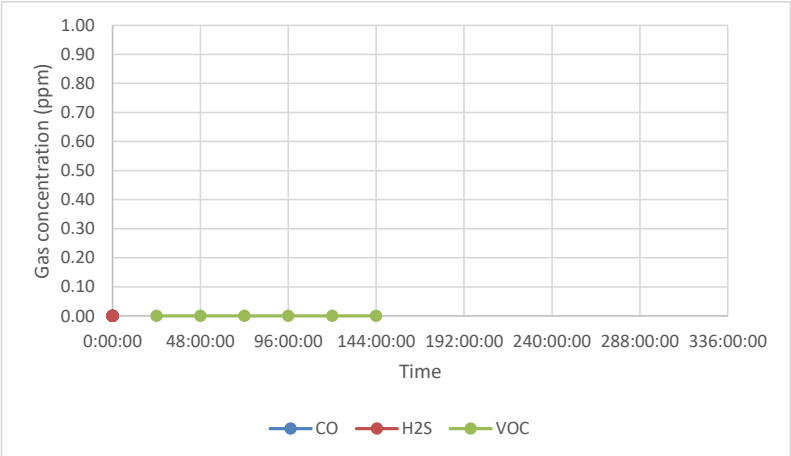
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	Water Level Depth (m bd):	-
Depth to NAPL (m bd):				Measured Well Depth (m bd):	1.66
NAPL Thickness (mm):				Correction for dip tape depth to base (mm):	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**08/01/2025**	**Weather:**	Cold and windy
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS112	**Casing Level above GL (m):**	0
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0.03	0.00	0.20	2.70	19.20	0.00	1.00	NM
0:00:30	-	0.00	0.20	2.80	17.30	0.00	1.00	NM
0:01:00	-	0.00	0.20	2.80	17.00	0.00	1.00	NM
0:02:00	-		0.20	2.80	17.00	0.00	1.00	NM
0:03:00	-		0.20	2.80	17.00	0.00	1.00	NM
0:04:00	-		0.20	2.80	17.00	0.00	1.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	997.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.00	0.00	0.00	NM

Observations during monitoring

Rising pressure. -2 degrees.

Samples

Sample ID:		**Containers:**	

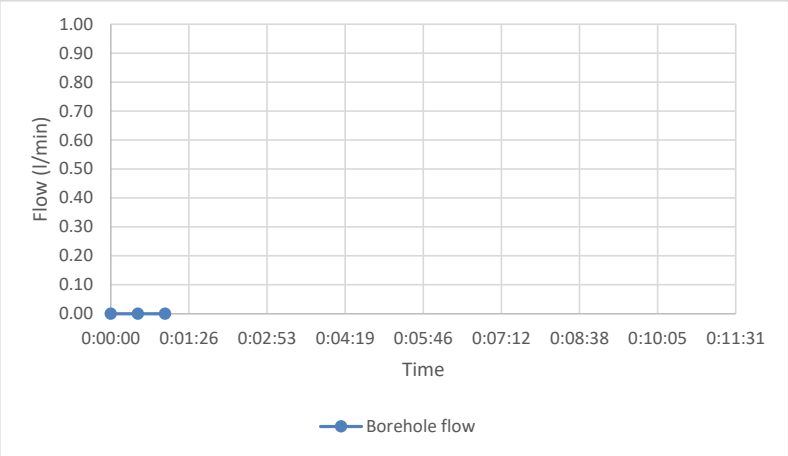
QA/QC Samples

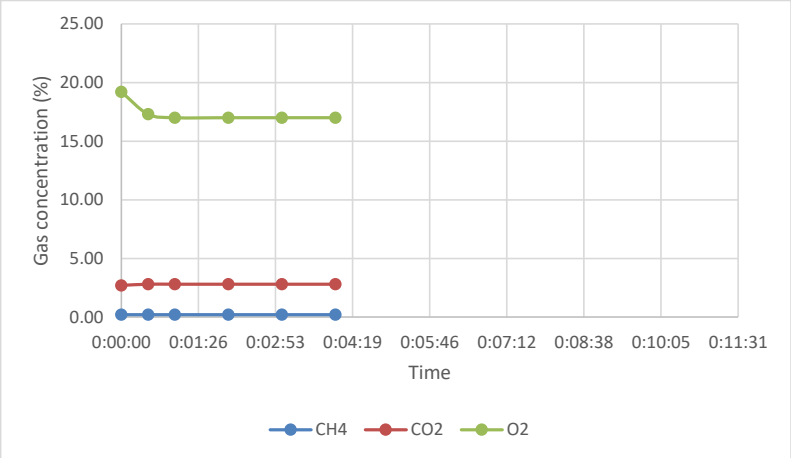
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

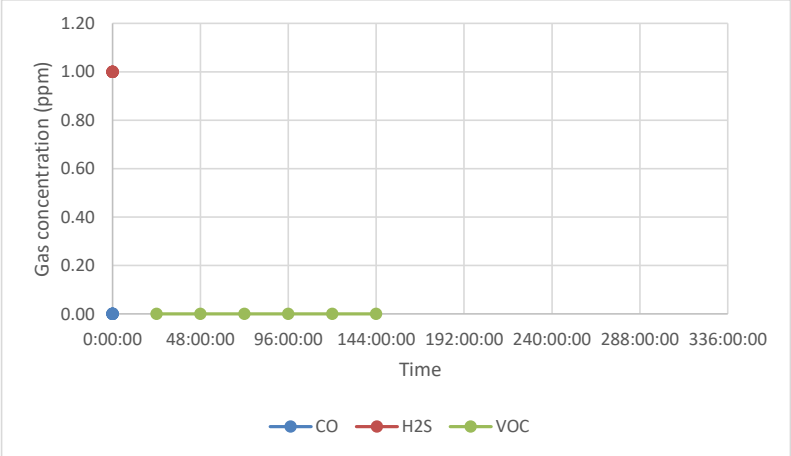
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.63
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	3.12
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**08/01/2025**	**Weather:**	Cold and windy
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS113	**Casing Level above GL (m):**	0
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	-0.02	0.00	0.20	1.00	20.30	0.00	1.00	NM
0:00:30	-	0.00	0.20	1.00	19.80	0.00	1.00	NM
0:01:00	-	0.00	0.20	1.00	19.70	0.00	1.00	NM
0:02:00	-		0.20	1.00	19.70	0.00	1.00	NM
0:03:00	-		0.20	1.00	19.70	0.00	1.00	NM
0:04:00	-		0.20	1.00	19.70	0.00	1.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	997.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.00	0.00	0.00	NM

Observations during monitoring

Rising pressure. -2 degrees.

Samples

Sample ID:		**Containers:**	

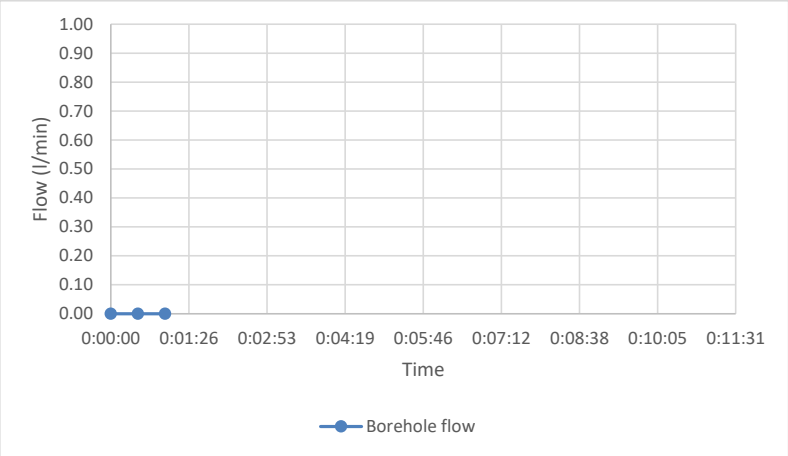
QA/QC Samples

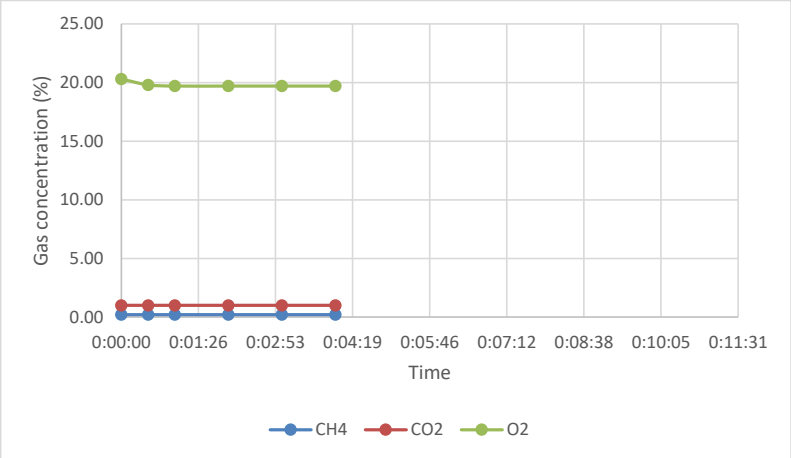
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

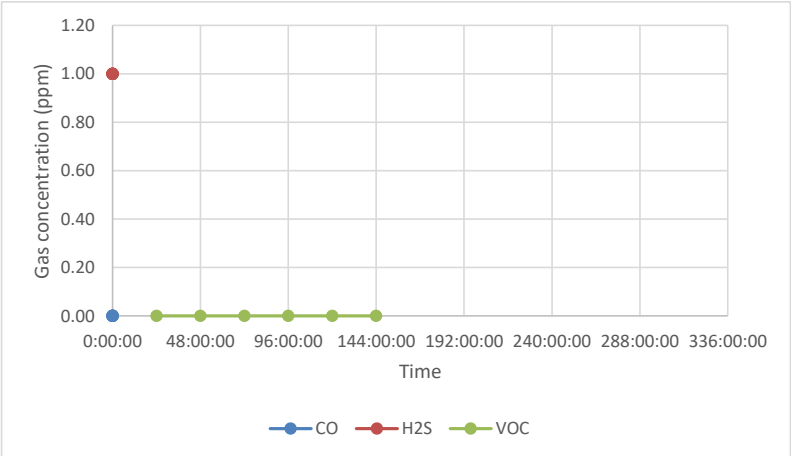
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.47
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	3.12
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**08/01/2025**	**Weather:**	Cold and windy
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS114	**Casing Level above GL (m):**	0
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	2.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	2.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0	0.00	0.20	2.20	21.40	0.00	0.00	NM
0:00:30	-	0.00	0.20	2.20	19.70	0.00	0.00	NM
0:01:00	-	0.00	0.20	2.20	19.10	0.00	0.00	NM
0:02:00	-		0.20	2.20	19.10	0.00	0.00	NM
0:03:00	-		0.20	2.20	19.10	0.00	0.00	NM
0:04:00	-		0.20	2.20	19.10	0.00	0.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	997.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.00	0.00	0.00	NM

Observations during monitoring

Rising pressure. -2 degrees.

Samples

Sample ID:		**Containers:**	

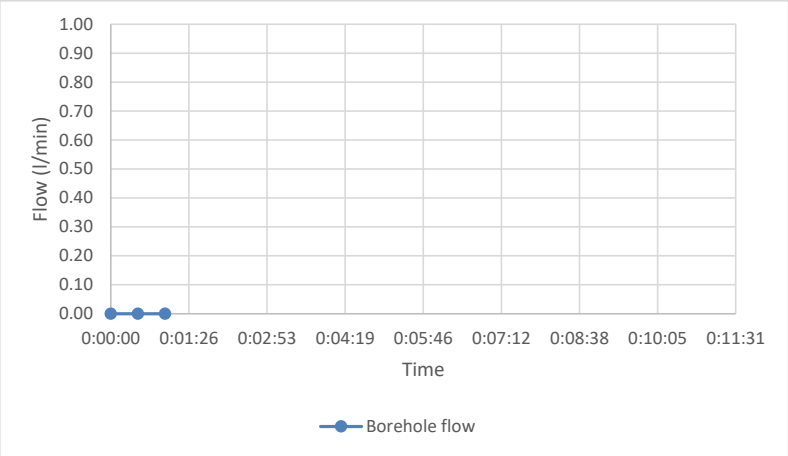
QA/QC Samples

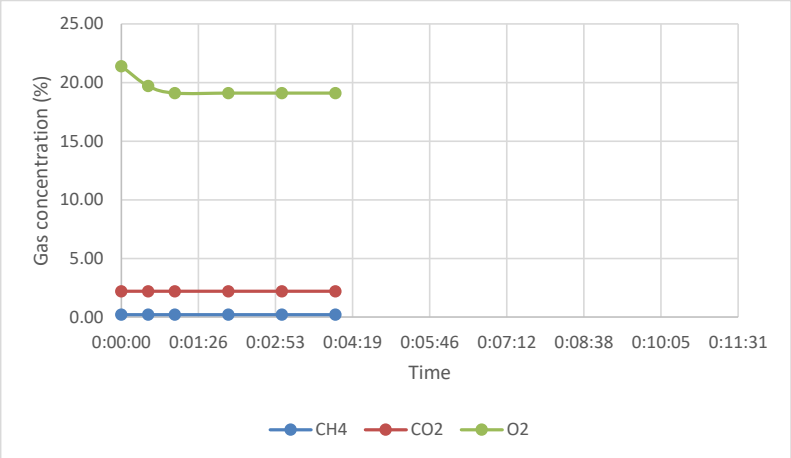
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

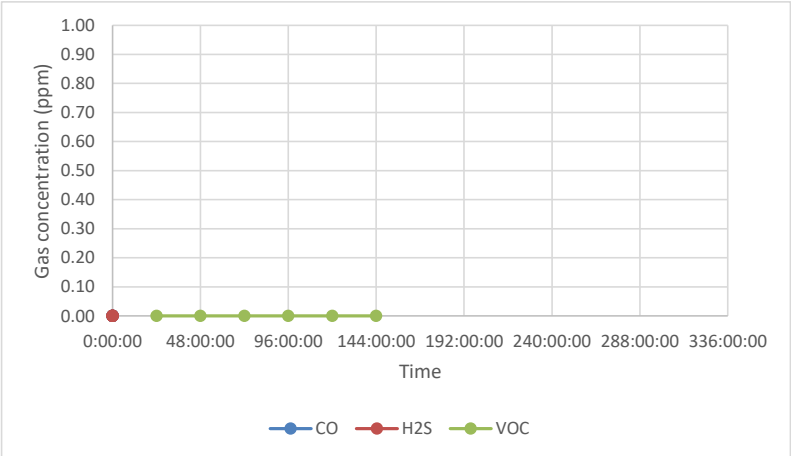
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	-
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.15
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**08/01/2025**	**Weather:**	Cold and windy
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS115	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	0.70
Well Material:	HDPE	**Base of Screen (m bgl):**	2.70
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	0.70
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	2.70
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0.02	0.00	0.20	1.10	20.00	0.00	1.00	NM
0:00:30	-	0.00	0.20	1.10	19.00	0.00	1.00	NM
0:01:00	-	0.00	0.20	1.10	18.90	0.00	1.00	NM
0:02:00	-		0.20	1.10	19.00	0.00	1.00	NM
0:03:00	-		0.20	1.10	19.10	0.00	1.00	NM
0:04:00	-		0.30	1.10	19.20	0.00	1.00	NM
0:05:00	-		0.20	1.10	19.20	0.00	1.00	NM
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	997.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.00	0.00	0.00	NM

Observations during monitoring

Rising pressure. -2 degrees.

Samples

Sample ID:		**Containers:**	

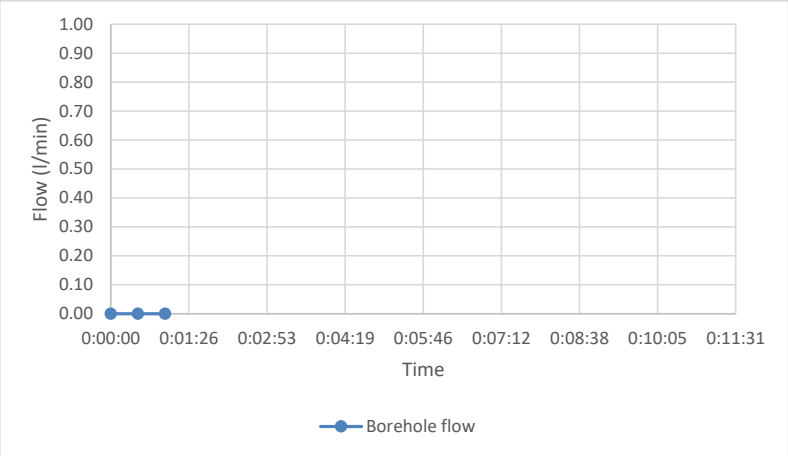
QA/QC Samples

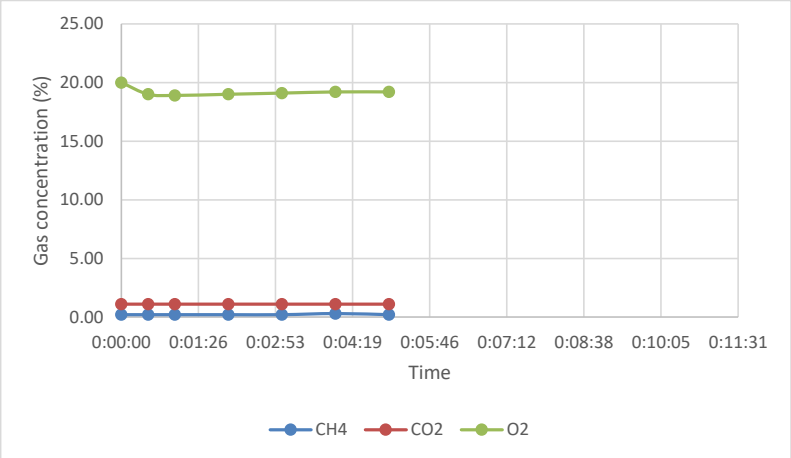
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

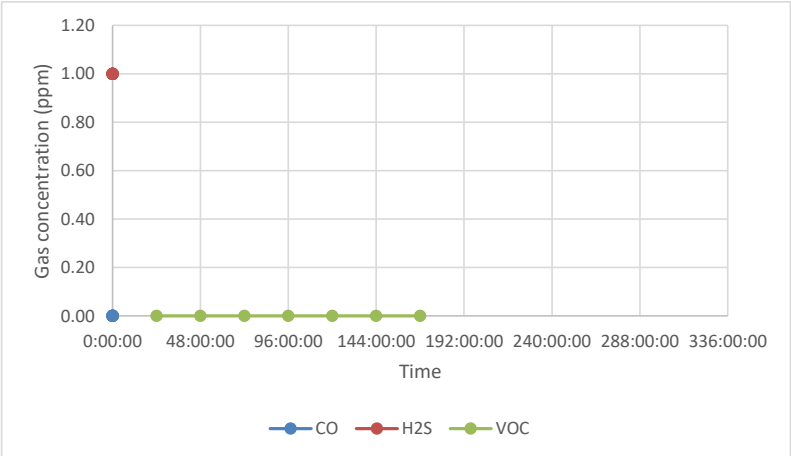
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	-
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.75
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**13/01/2025**	**Weather:**	Cold, light rain.
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS101	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	2.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	2.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0.02	0.00	0.20	3.30	18.70	0.00	0.00	NM
0:00:30	-	0.00	0.20	3.30	18.30	0.00	0.00	NM
0:01:00	-	0.00	0.20	3.30	18.20	0.00	0.00	NM
0:02:00	-		0.20	3.30	18.30	0.00	0.00	NM
0:03:00	-		0.20	3.30	18.30	0.00	0.00	NM
0:04:00	-		0.20	3.20	18.40	0.00	0.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1031.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

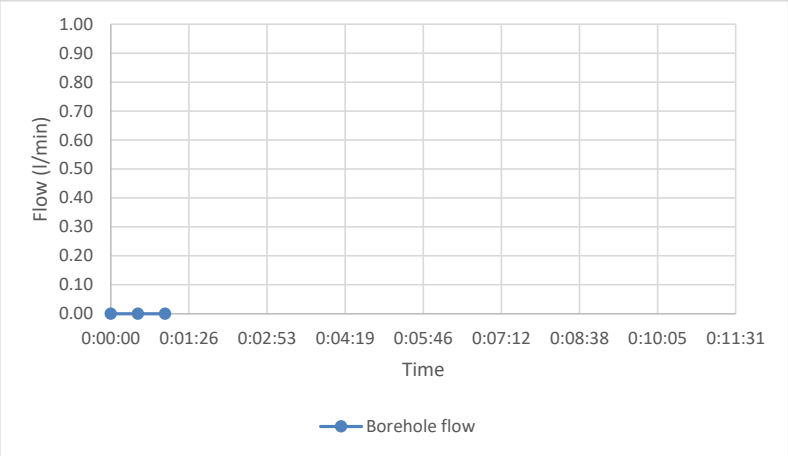
QA/QC Samples

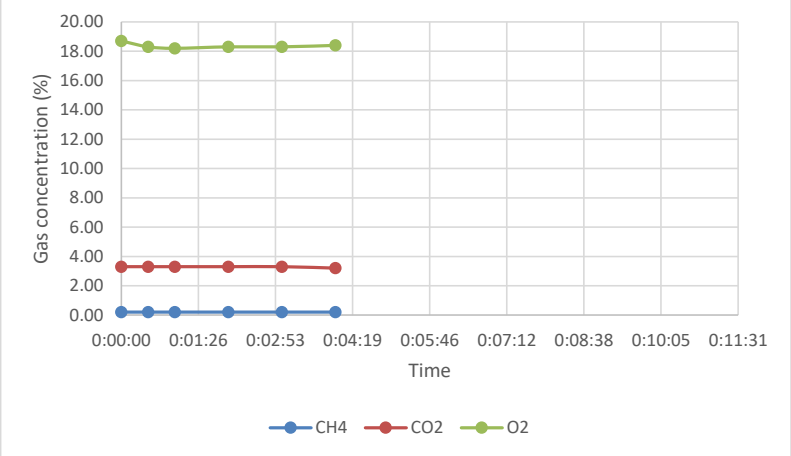
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

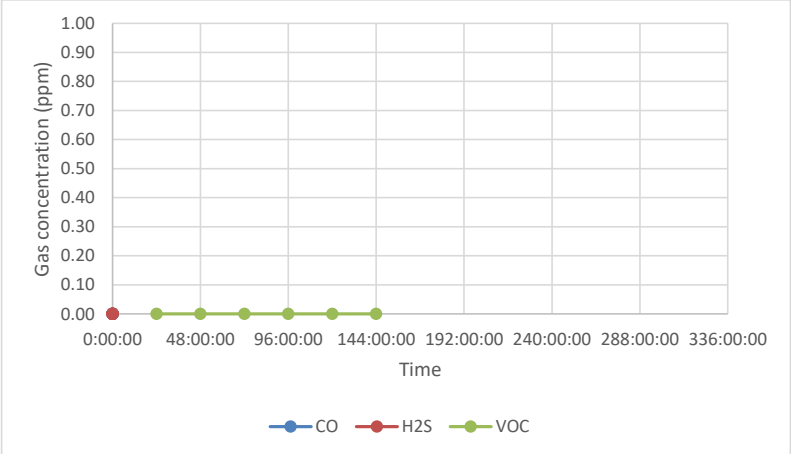
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	-
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	1.99
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


20.00
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**13/01/2025**	**Weather:**	Cold, light rain.
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS102	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0	0.00	0.20	4.20	18.10	0.00	0.00	NM
0:00:30	-	0.00	0.20	4.20	17.00	0.00	0.00	NM
0:01:00	-	0.00	0.20	4.30	16.70	0.00	0.00	NM
0:02:00	-		0.20	4.20	16.70	0.00	0.00	NM
0:03:00	-		0.20	4.10	16.70	0.00	0.00	NM
0:04:00	-		0.20	4.10	16.80	0.00	0.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1031.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.00	21.40	0.00	0.00	

Observations during monitoring

Samples

Sample ID:		**Containers:**	

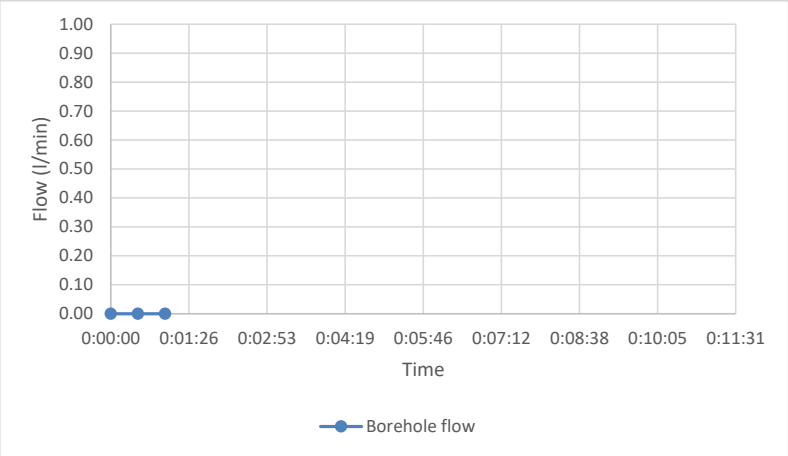
QA/QC Samples

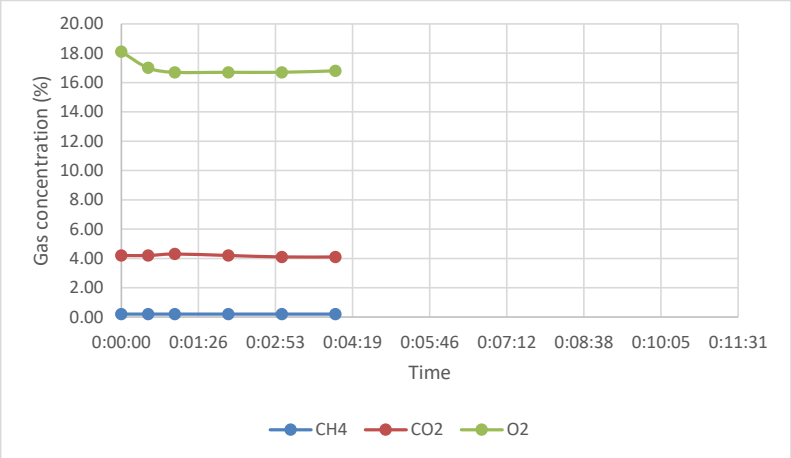
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

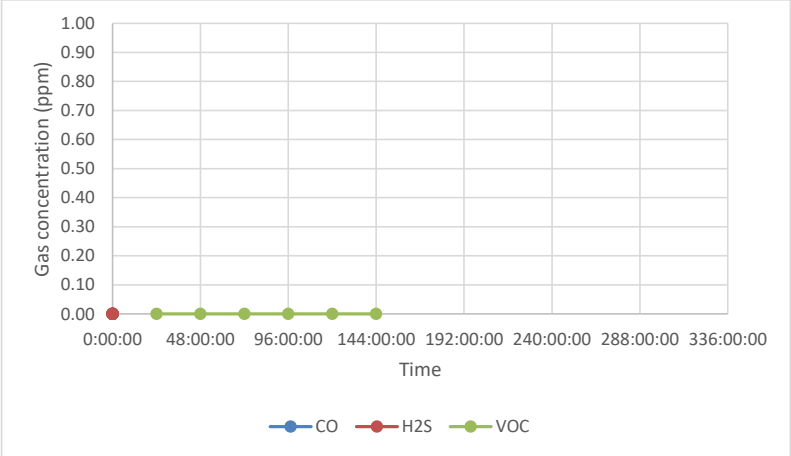
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	-
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.93
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


20.00
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**13/01/2025**	**Weather:**	Cold, light rain.
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	wS103	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0	0.10	0.20	0.30	21.30	0.00	0.00	NM
0:00:30	-	0.10	0.20	0.70	20.90	0.00	0.00	NM
0:01:00	-	0.00	0.20	0.70	20.90	0.00	1.00	NM
0:02:00	-		0.20	0.70	20.90	0.00	0.00	NM
0:03:00	-		0.20	0.70	20.90	0.00	0.00	NM
0:04:00	-		0.20	0.70	20.90	0.00	0.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1031.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

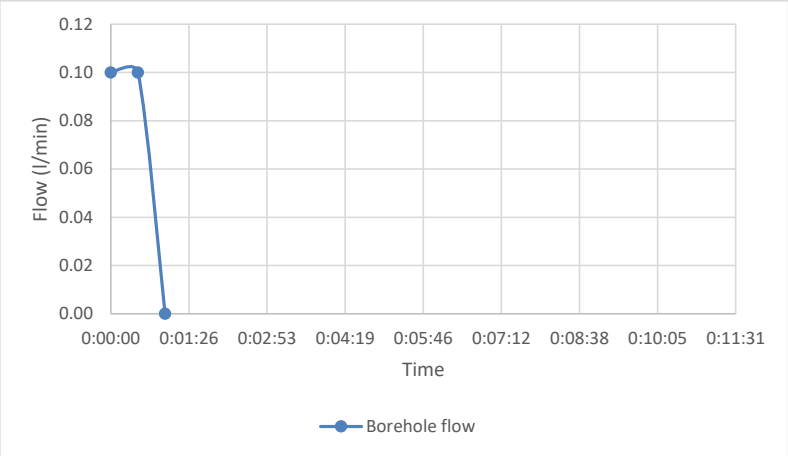
QA/QC Samples

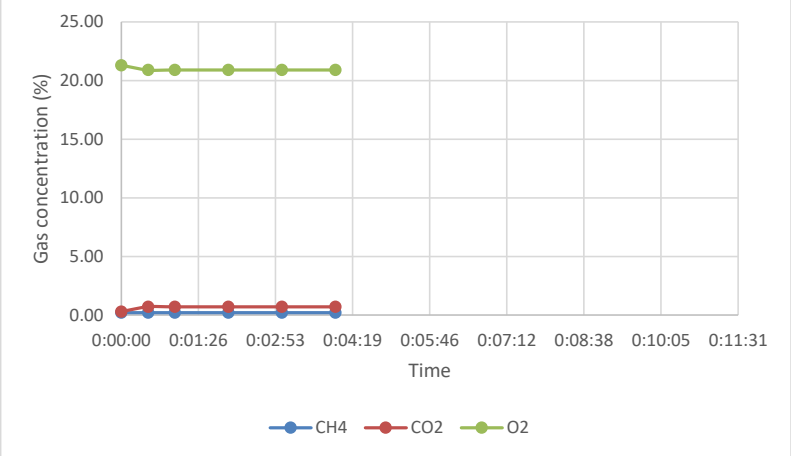
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

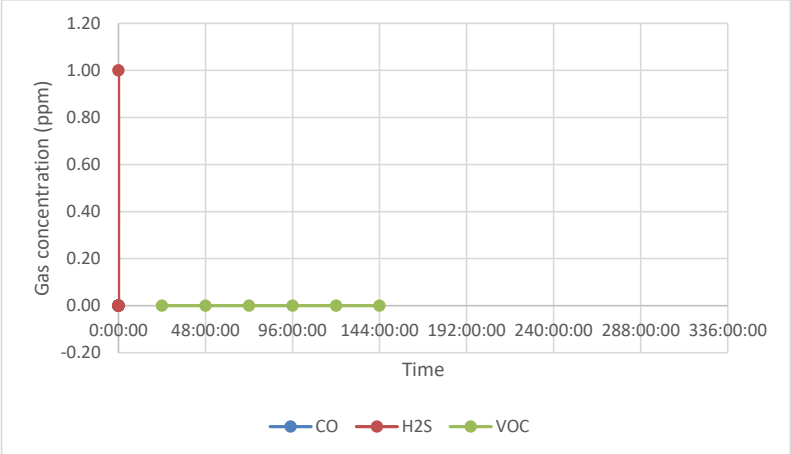
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2..21
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.96
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


0.12
0.10
0.08
0.06
0.04
0.02
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
-0.20
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**08/01/2025**	**Weather:**	Cold, light rain.
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS104	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0	0.00	0.20	1.90	20.60	0.00	0.00	NM
0:00:30	-	0.00	0.20	2.00	19.70	0.00	0.00	NM
0:01:00	-	0.00	0.20	2.00	19.60	0.00	0.00	NM
0:02:00	-		0.20	2.00	19.60	0.00	0.00	NM
0:03:00	-		0.20	2.00	19.60	0.00	0.00	NM
0:04:00	-		0.20	2.00	19.60	0.00	0.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1031.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

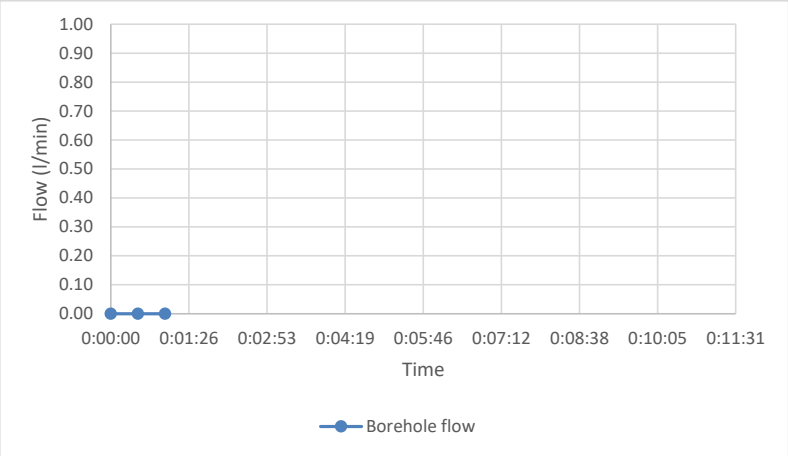
QA/QC Samples

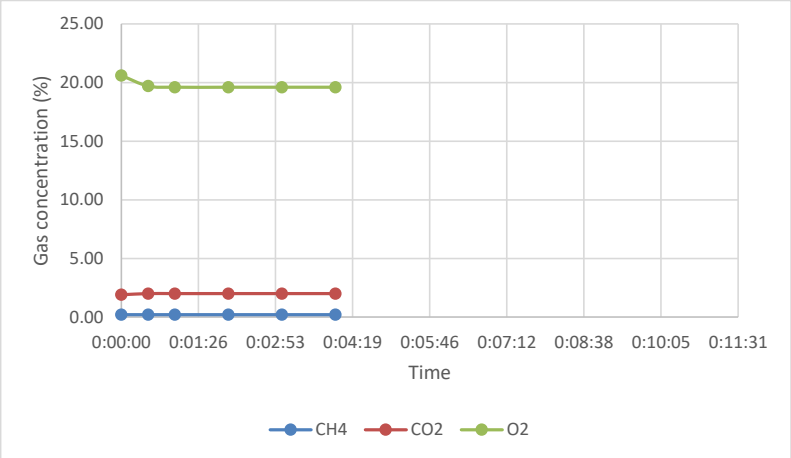
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

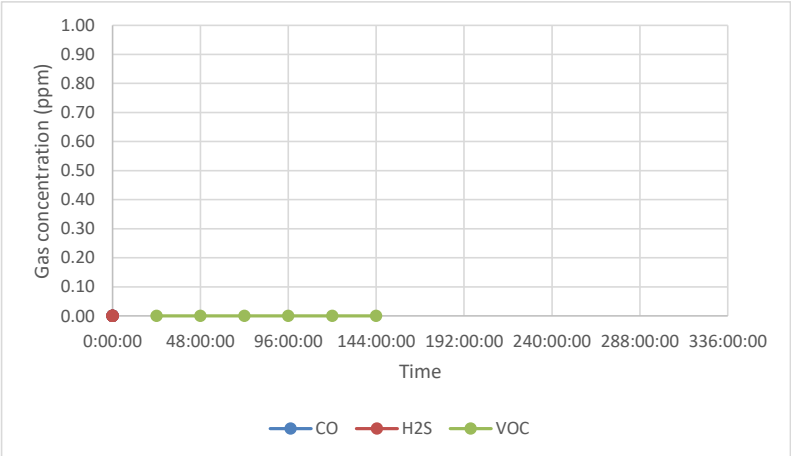
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.51
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.90
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**13/01/2025**	**Weather:**	Cold, light rain.
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS105	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0	0.10	0.20	0.20	21.20	0.00	1.00	NM
0:00:30	-	0.10	0.20	0.40	21.00	0.00	1.00	NM
0:01:00	-	0.10	0.20	0.40	21.00	0.00	0.00	NM
0:02:00	-	0.10	0.20	0.40	20.90	0.00	1.00	NM
0:03:00	-		0.20	0.40	20.90	0.00	1.00	NM
0:04:00	-		0.20	0.40	20.90	0.00	1.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1031.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

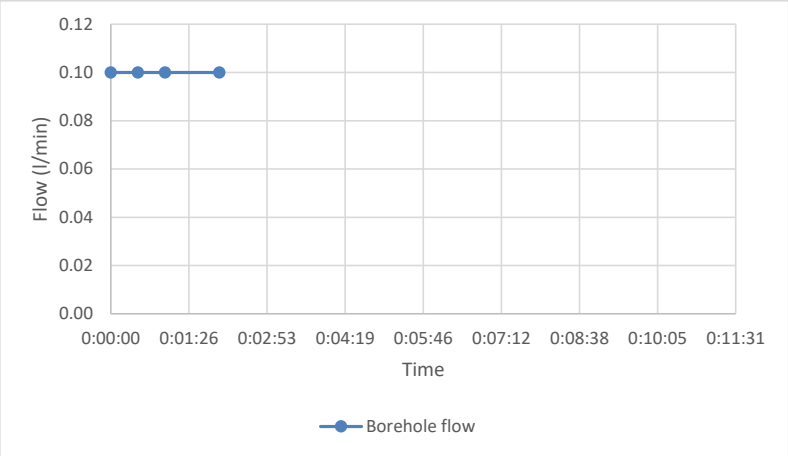
QA/QC Samples

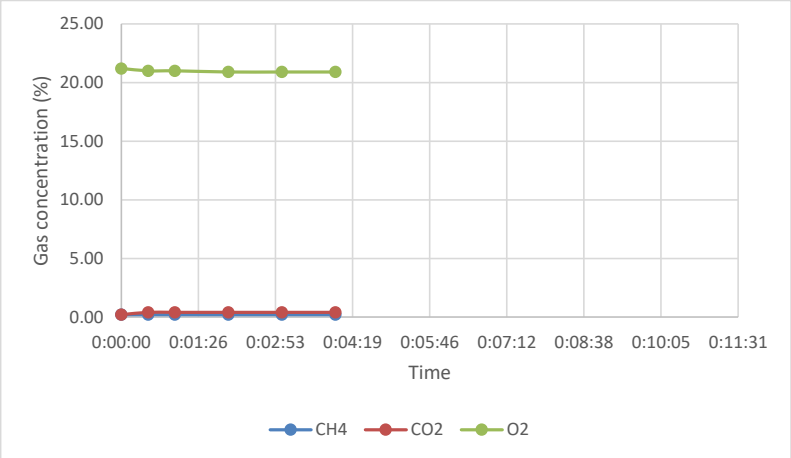
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

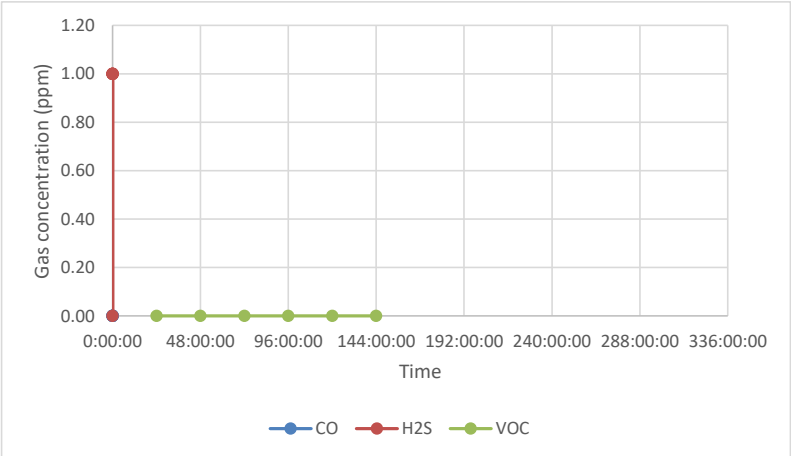
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.24
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.24
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


0.12
0.10
0.08
0.06
0.04
0.02
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**13/01/2025**	**Weather:**	Cold, light rain.
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS106	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	2.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	2.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0	0.00	0.20	0.20	21.20	0.00	0.00	NM
0:00:30	-	0.00	0.20	2.40	19.00	0.00	0.00	NM
0:01:00	-	0.00	0.20	2.40	18.70	0.00	1.00	NM
0:02:00	-		0.20	2.40	18.70	0.00	0.00	NM
0:03:00	-		0.20	2.40	18.70	0.00	0.00	NM
0:04:00	-		0.20	2.40	18.70	0.00	0.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1031.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

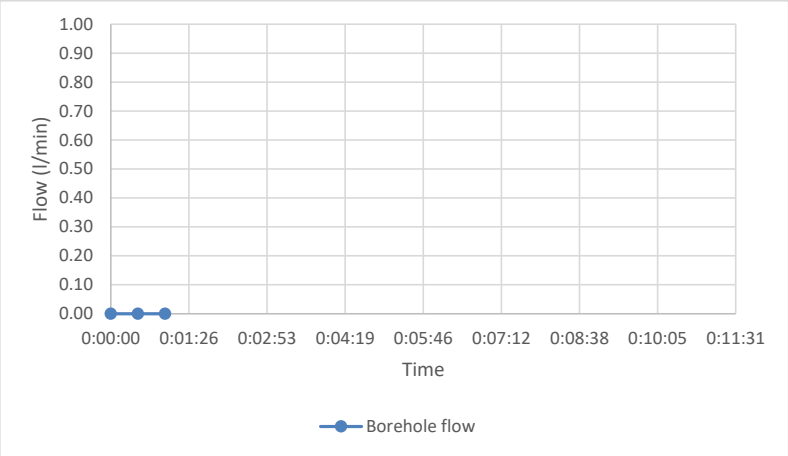
QA/QC Samples

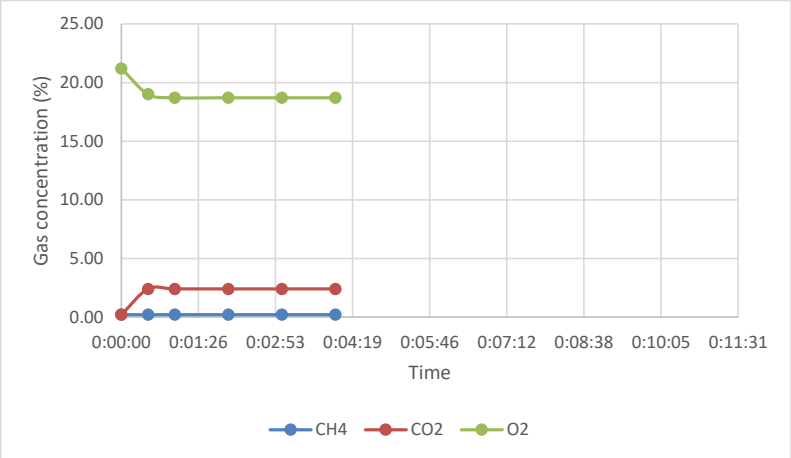
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

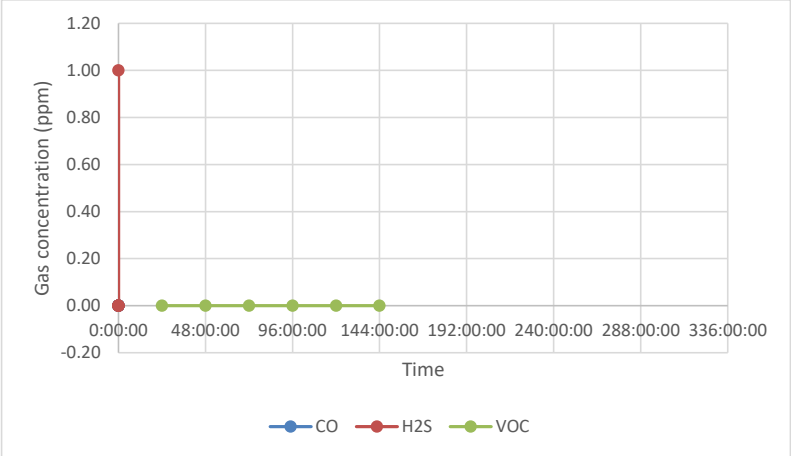
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	-
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.04
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
-0.20
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**13/01/2025**	**Weather:**	Cold, light rain.
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS107	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	-0.02	-0.10	0.20	1.00	20.60	0.00	0.00	NM
0:00:30	-	0.00	0.20	1.00	20.40	0.00	1.00	NM
0:01:00	-	0.00	0.20	1.00	20.40	0.00	0.00	NM
0:02:00	-		0.20	1.00	20.40	0.00	0.00	NM
0:03:00	-		0.20	1.00	20.40	0.00	1.00	NM
0:04:00	-		0.20	1.00	20.40	0.00	1.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1031.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

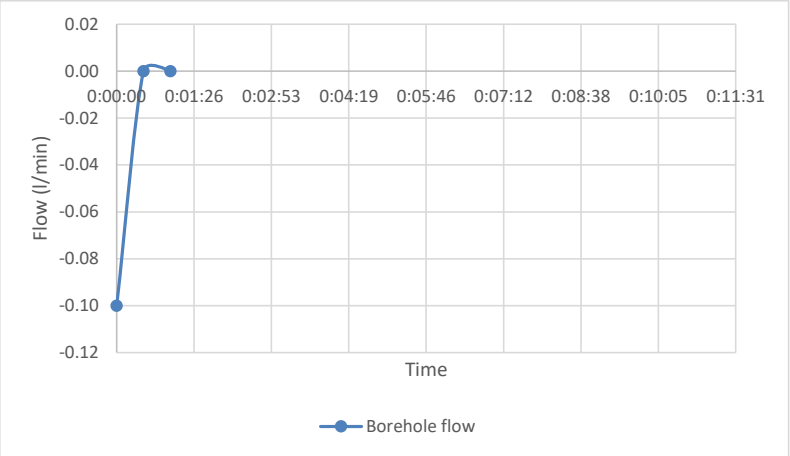
QA/QC Samples

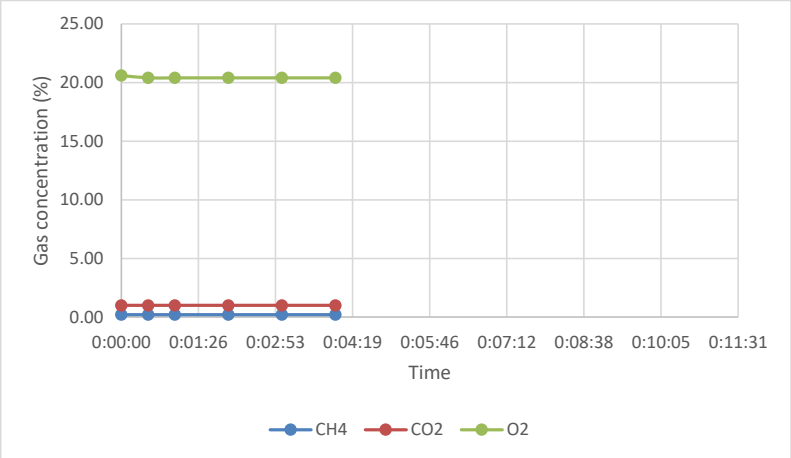
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

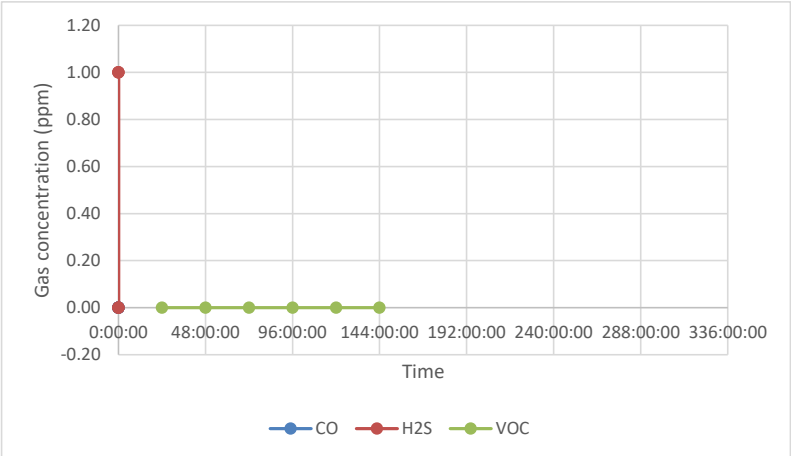
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.36
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	3.04
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


0.02
0.00
-0.02
-0.04
-0.06
-0.08
-0.10
-0.12
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
-0.20
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**13/01/2025**	**Weather:**	Cold, light rain.
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS108	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0.02	0.00	0.20	1.10	21.20	0.00	0.00	NM
0:00:30	-	0.00	0.20	1.10	20.40	0.00	0.00	NM
0:01:00	-	0.00	0.20	1.10	20.40	0.00	0.00	NM
0:02:00	-		0.20	1.10	20.40	0.00	1.00	NM
0:03:00	-		0.20	1.10	20.40	0.00	1.00	NM
0:04:00	-		0.20	1.10	20.40	0.00	1.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1031.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

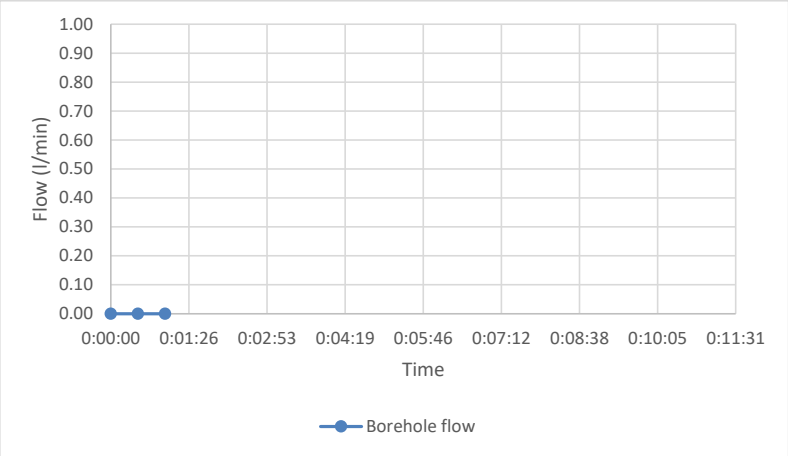
QA/QC Samples

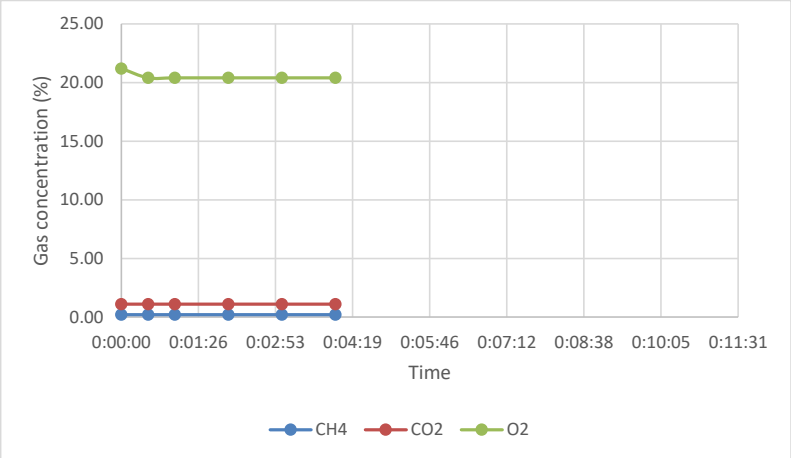
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

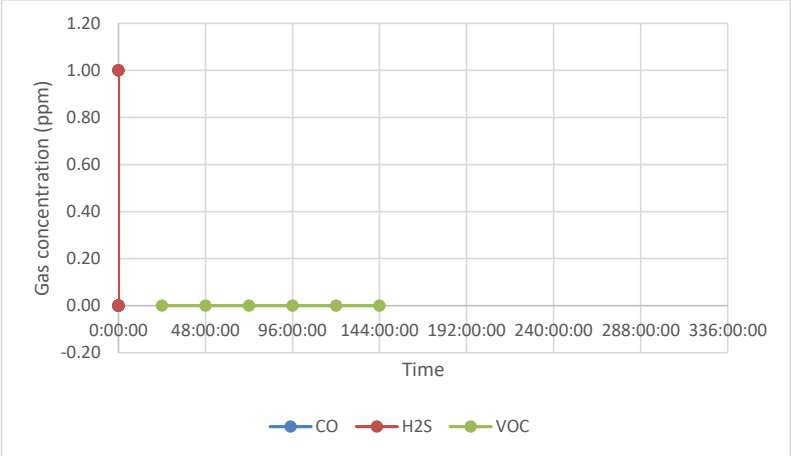
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.26
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	3.02
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
-0.20
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**13/01/2025**	**Weather:**	Cold, light rain.
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS109	**Casing Level above GL (m):**	0
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	1.90
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	1.90
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	-0.03	0.00	0.20	1.10	21.00	0.00	0.00	NM
0:00:30	-	0.00	0.20	1.10	20.30	0.00	0.00	NM
0:01:00	-	0.00	0.20	1.10	20.30	0.00	0.00	NM
0:02:00	-		0.20	1.10	20.30	0.00	0.00	NM
0:03:00	-		0.20	1.10	20.30	0.00	0.00	NM
0:04:00	-		0.20	1.10	20.30	0.00	0.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1031.00						
Ambient concentrations:		CH4	CO2	O2	CO	H2S	VOC
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		Containers:	

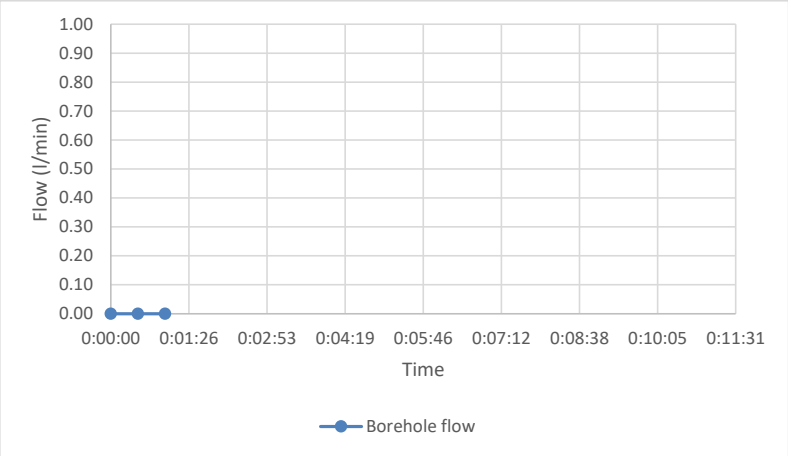
QA/QC Samples

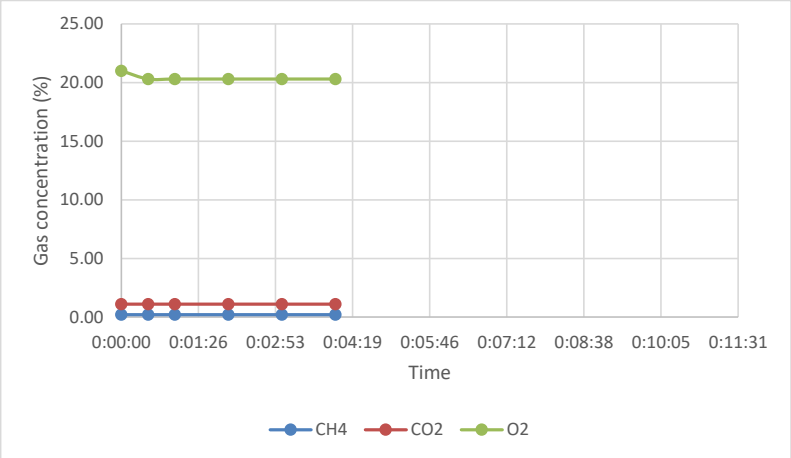
☐ Duplicate	Sample ID:		Laboratory:	
☐ Triplicate	Sample ID:		Laboratory:	

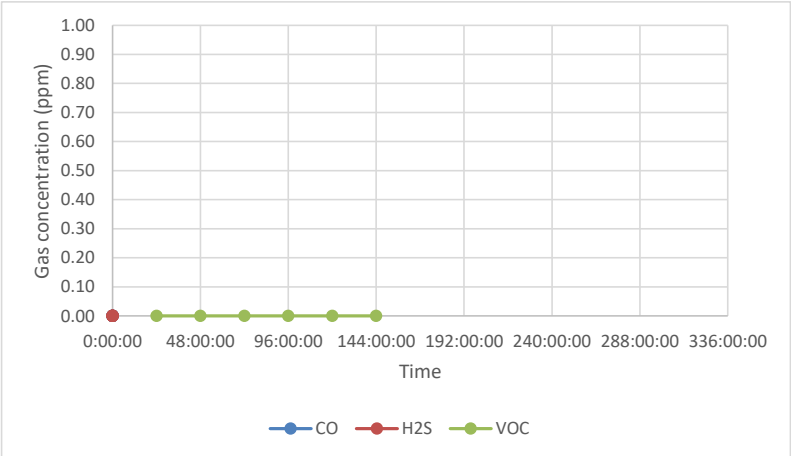
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	Water Level Depth (m bd):	-
Depth to NAPL (m bd):				Measured Well Depth (m bd):	1.66
NAPL Thickness (mm):				Correction for dip tape depth to base (mm):	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**13/01/2025**	**Weather:**	Cold, light rain.
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS112	**Casing Level above GL (m):**	0
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0.0.	0.00	0.20	2.40	20.10	0.00	0.00	NM
0:00:30	-	0.00	0.20	2.50	18.10	0.00	0.00	NM
0:01:00	-	0.00	0.20	2.50	17.90	0.00	0.00	NM
0:02:00	-		0.20	2.50	17.90	0.00	0.00	NM
0:03:00	-		0.20	2.50	17.90	0.00	0.00	NM
0:04:00	-		0.20	2.50	17.90	0.00	0.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1031.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

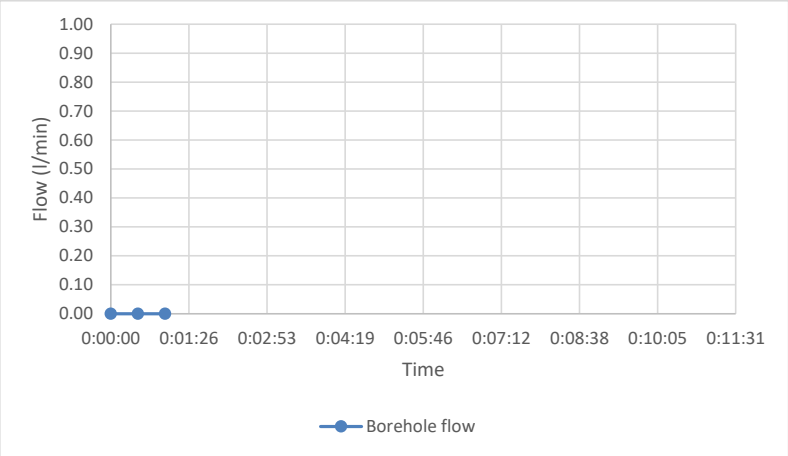
QA/QC Samples

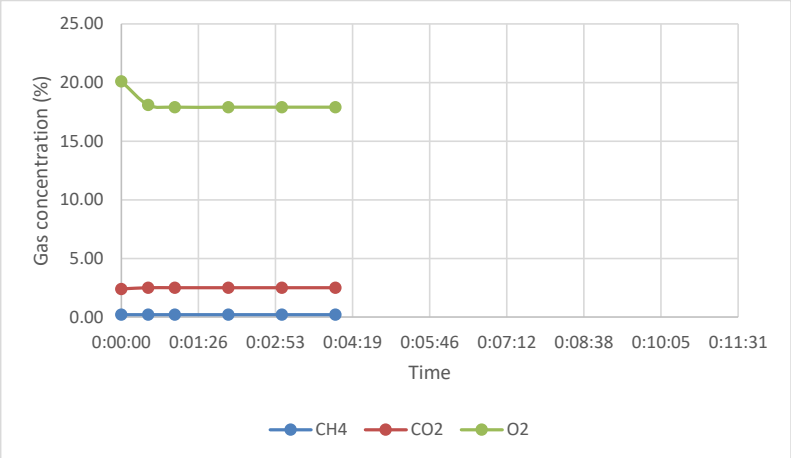
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

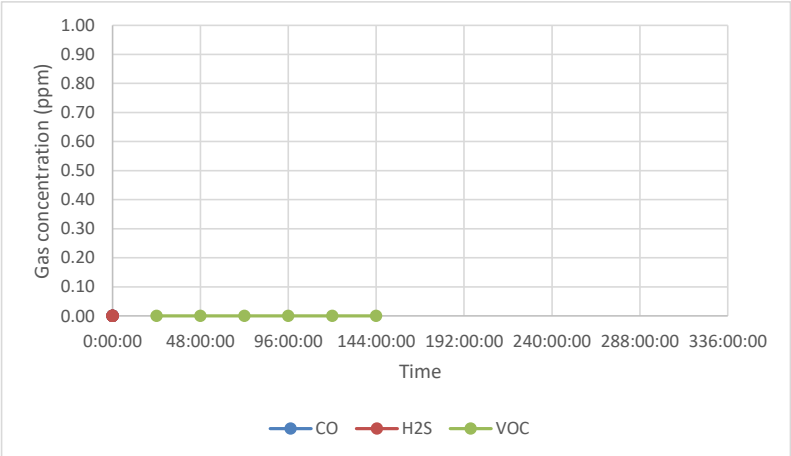
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.64
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	3.12
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**13/01/2025**	**Weather:**	Cold, light rain.
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS113	**Casing Level above GL (m):**	0
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	-0.02	0.00	0.20	0.20	21.20	0.00	0.00	NM
0:00:30	-	0.00	0.20	0.80	20.70	0.00	0.00	NM
0:01:00	-	0.00	0.20	0.80	20.70	0.00	0.00	NM
0:02:00	-		0.20	0.80	20.70	0.00	0.00	NM
0:03:00	-		0.20	0.80	20.70	0.00	0.00	NM
0:04:00	-		0.20	0.80	20.70	0.00	0.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1031.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

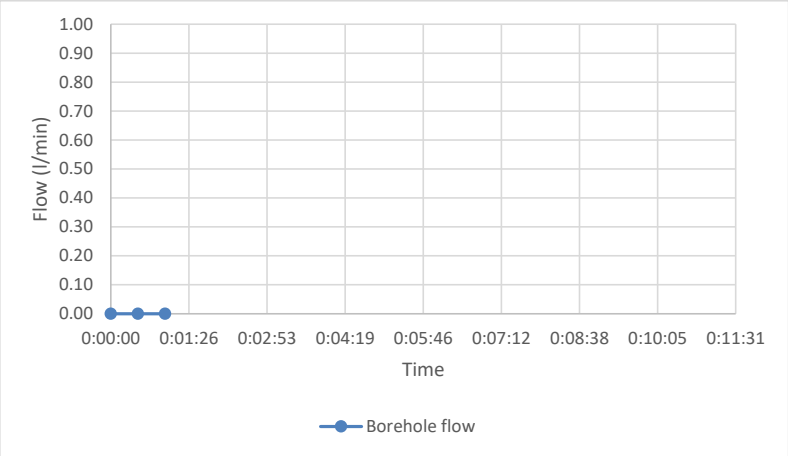
QA/QC Samples

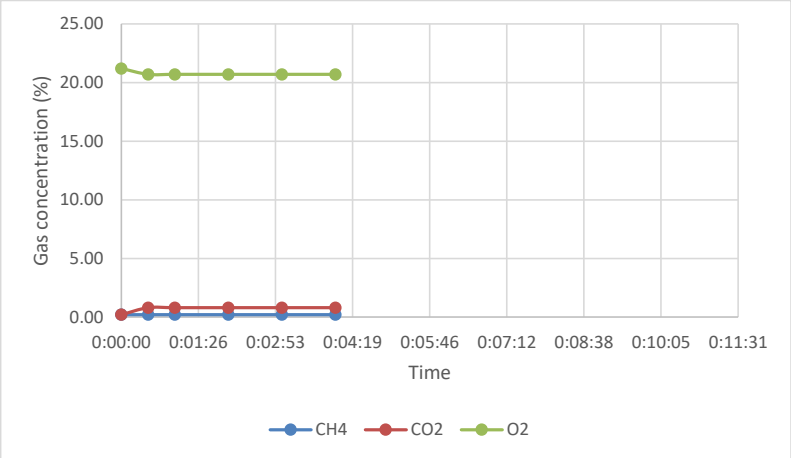
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

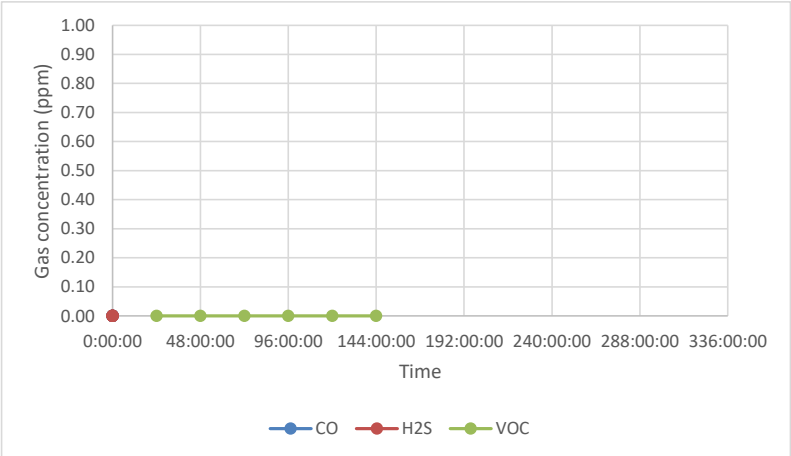
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.50
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	3.11
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**13/01/2025**	**Weather:**	Cold, light rain.
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS114	**Casing Level above GL (m):**	0
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	2.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	2.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0	0.00	0.20	0.30	21.60	0.00	0.00	NM
0:00:30	-	0.00	0.20	2.00	19.50	0.00	0.00	NM
0:01:00	-	0.00	0.20	2.00	19.40	0.00	0.00	NM
0:02:00	-		0.20	2.00	19.40	0.00	0.00	NM
0:03:00	-		0.20	2.00	19.40	0.00	0.00	NM
0:04:00	-		0.20	2.00	19.40	0.00	0.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1031.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

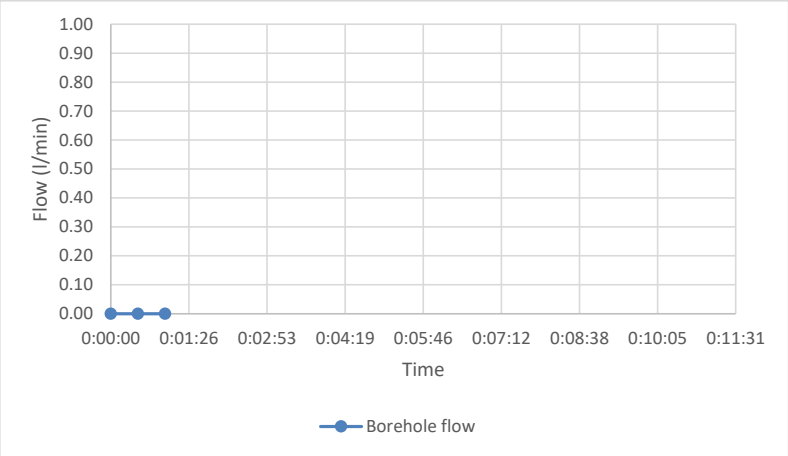
QA/QC Samples

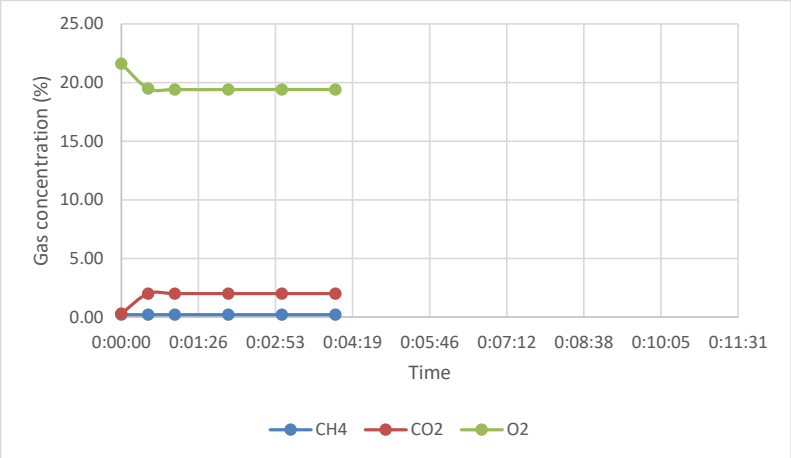
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

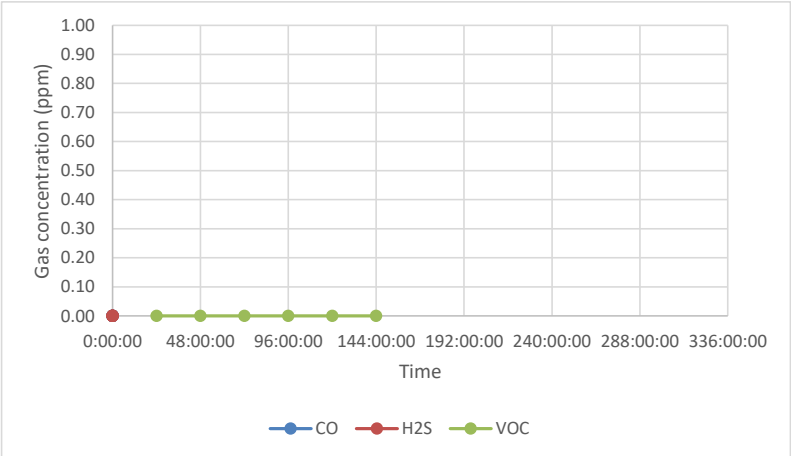
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	-
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.15
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**13/01/2025**	**Weather:**	Cold, light rain.
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS115	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	0.70
Well Material:	HDPE	**Base of Screen (m bgl):**	2.70
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	0.70
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	2.70
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	-1.35	0.10	0.20	0.30	21.10	0.00	0.00	NM
0:00:30	-	0.10	0.20	1.00	19.80	0.00	0.00	NM
0:01:00	-	0.10	0.20	1.00	19.80	0.00	0.00	NM
0:02:00	-	0.10	0.20	1.00	19.80	0.00	0.00	NM
0:03:00	-		0.20	1.00	19.80	0.00	0.00	NM
0:04:00	-		0.20	1.00	19.80	0.00	0.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1031.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

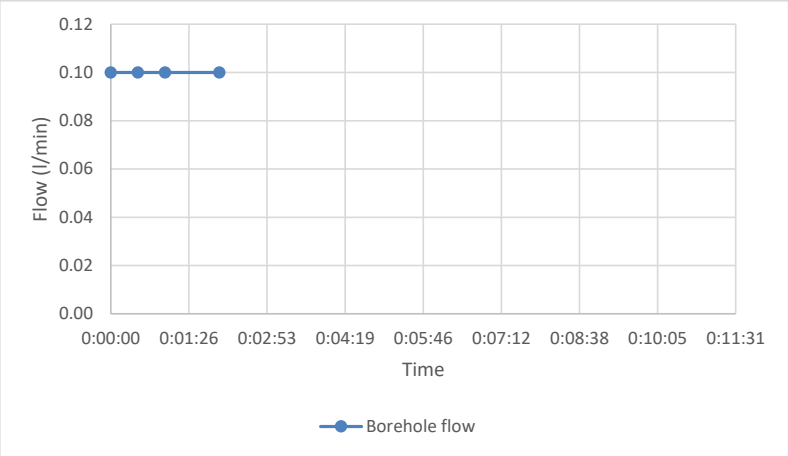
QA/QC Samples

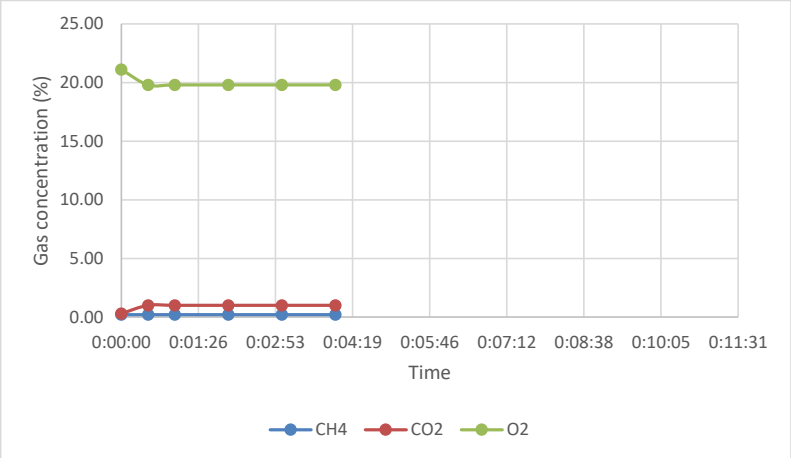
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

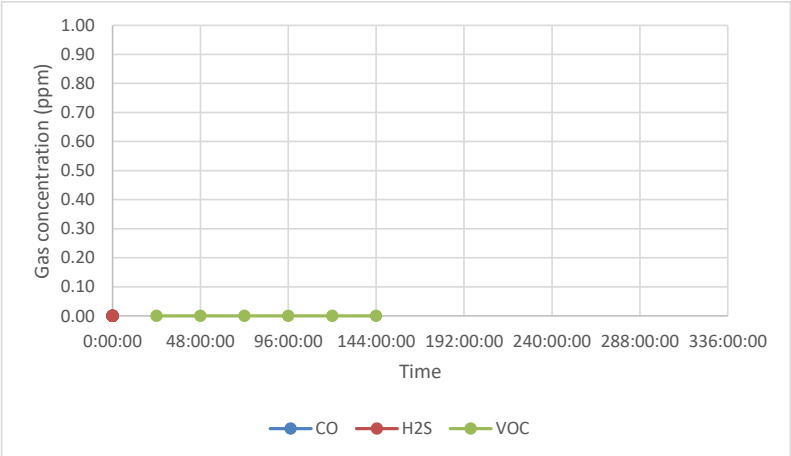
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.71
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.76
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


0.12
0.10
0.08
0.06
0.04
0.02
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**22/01/2025**	**Weather:**	Dry and mild
Comments:		**Recorded by:**	BH
Well Details			
Well ID:	WS101	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	2.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	2.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

N/A

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0.03	0.10	0.20	0.30	21.40	0.00	0.00	NM
0:00:30	-	0.30	0.20	2.50	18.90	0.00	0.00	NM
0:01:00	-	0.50	0.20	2.50	18.80	0.00	0.00	NM
0:02:00	-	0.50	0.20	2.50	18.80	0.00	0.00	NM
0:03:00	-	0.50	0.20	2.50	18.80	0.00	0.00	NM
0:04:00	-							
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1002.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

N/A

Samples

Sample ID:		**Containers:**	

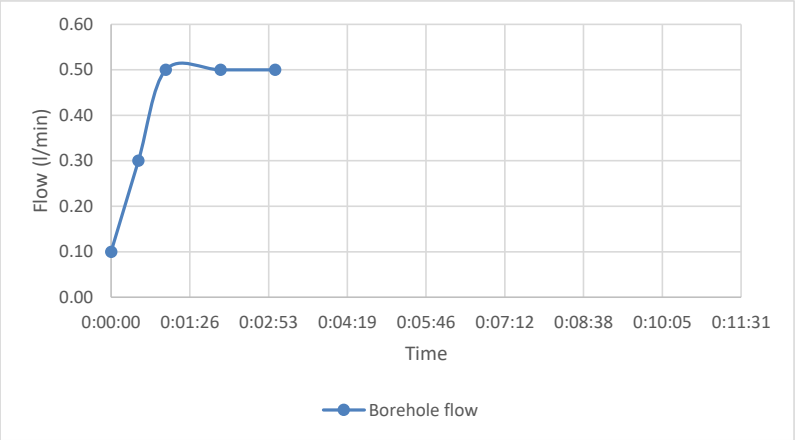
QA/QC Samples

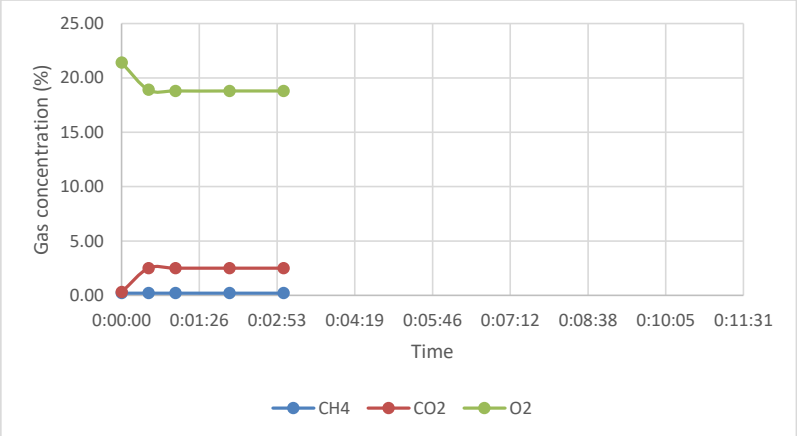
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

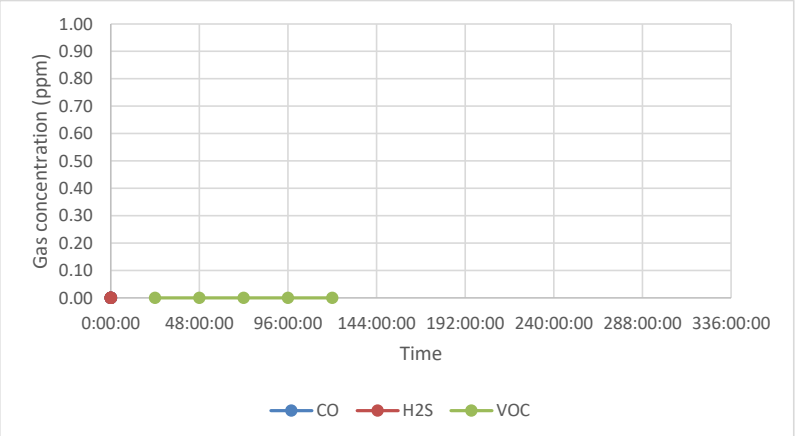
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	-
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	1.99
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**22/01/2025**	**Weather:**	Dry and mild
Comments:		**Recorded by:**	BH
Well Details			
Well ID:	WS102	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	2.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	2.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

N/A

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0.02	0.10	0.20	0.20	21.20	0.00	0.00	NM
0:00:30	-	0.10	0.20	3.10	17.40	0.00	0.00	NM
0:01:00	-	0.10	0.20	3.00	17.40	0.00	0.00	NM
0:02:00	-	0.10	0.20	3.00	17.40	0.00	0.00	NM
0:03:00	-	0.10	0.20	3.00	17.40	0.00	0.00	NM
0:04:00	-							
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1002.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

N/A

Samples

Sample ID:		**Containers:**	

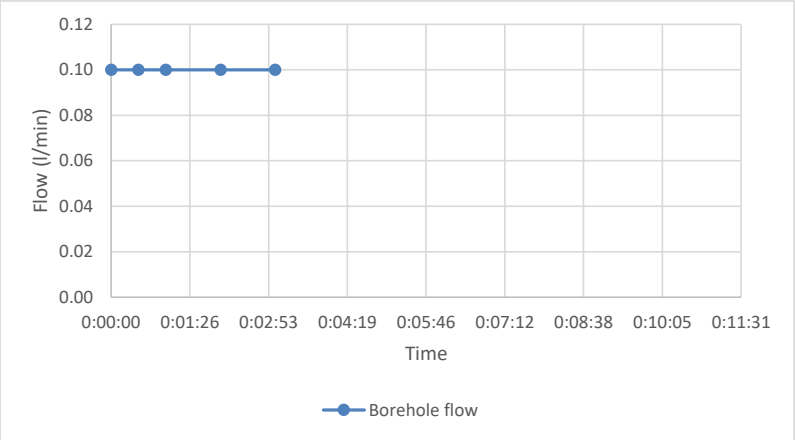
QA/QC Samples

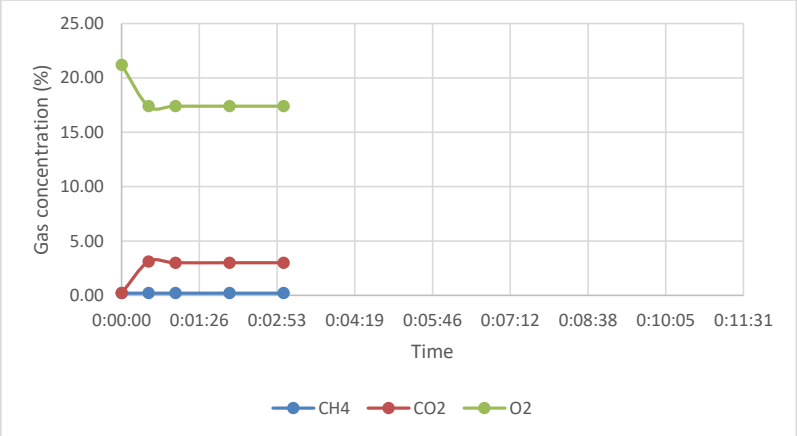
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

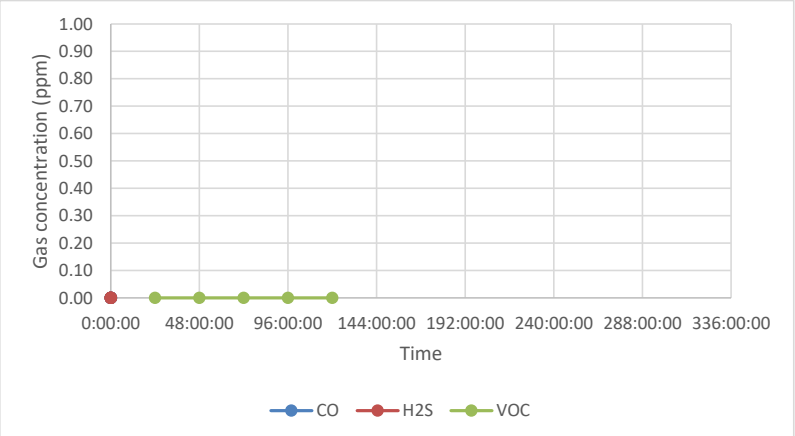
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	-
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.93
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


0.12
0.10
0.08
0.06
0.04
0.02
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**22/01/2025**	**Weather:**	Dry and mild
Comments:		**Recorded by:**	BH
Well Details			
Well ID:	wS103	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

N/A

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0.03	0.10	0.20	0.30	21.00	0.00	0.00	NM
0:00:30	-	0.40	0.20	0.60	20.70	0.00	0.00	NM
0:01:00	-	0.40	0.20	0.60	20.70	0.00	0.00	NM
0:02:00	-	0.50	0.20	0.60	20.80	0.00	0.00	NM
0:03:00	-	0.50	0.20	0.60	20.70	0.00	0.00	NM
0:04:00	-							
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1003.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

N/A

Samples

Sample ID:		**Containers:**	

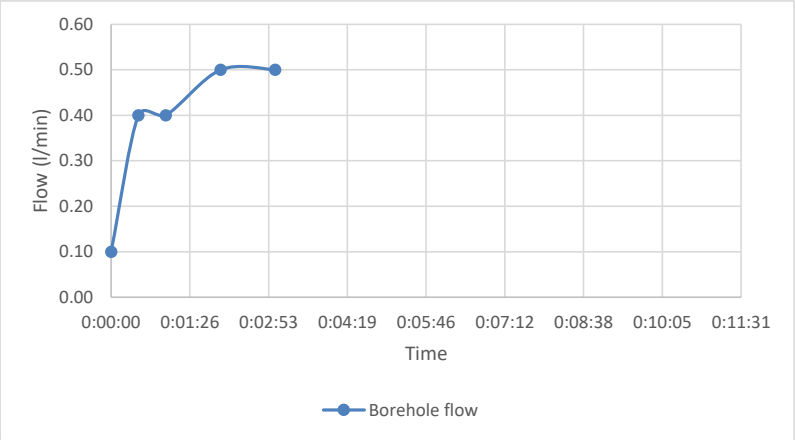
QA/QC Samples

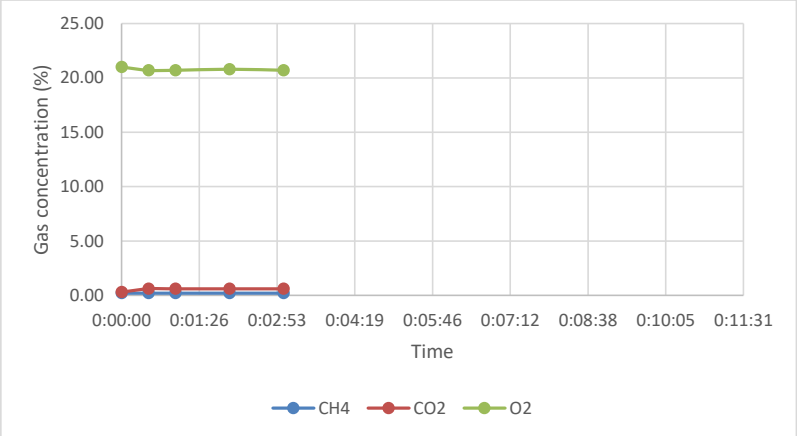
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

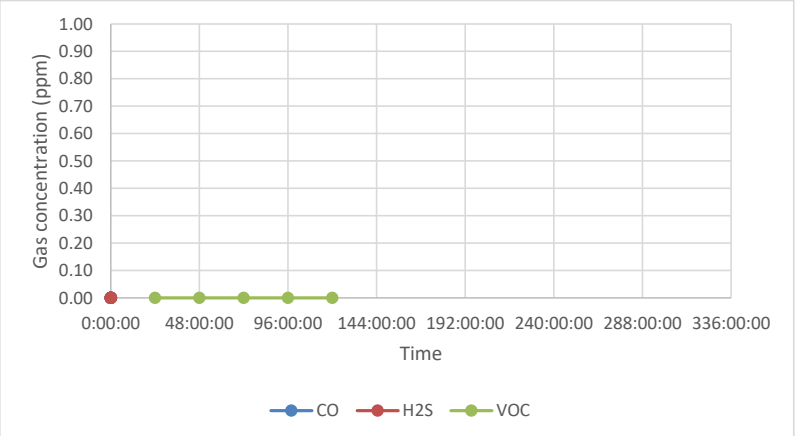
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.23
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.95
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**22/01/2025**	**Weather:**	Dry and mild
Comments:		**Recorded by:**	BH
Well Details			
Well ID:	WS104	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

N/A

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	-0.03	0.10	0.20	0.20	21.40	0.00	0.00	NM
0:00:30	-	0.40	0.20	1.50	19.70	0.00	0.00	NM
0:01:00	-	0.50	0.20	1.60	19.70	0.00	0.00	NM
0:02:00	-	0.50	0.20	1.60	19.70	0.00	0.00	NM
0:03:00	-	0.50	0.20	1.60	19.70	0.00	0.00	NM
0:04:00	-							
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1003.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

N/A

Samples

Sample ID:		**Containers:**	

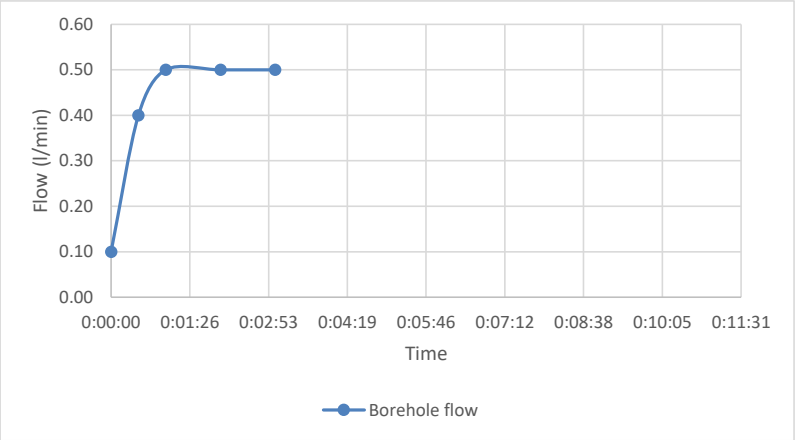
QA/QC Samples

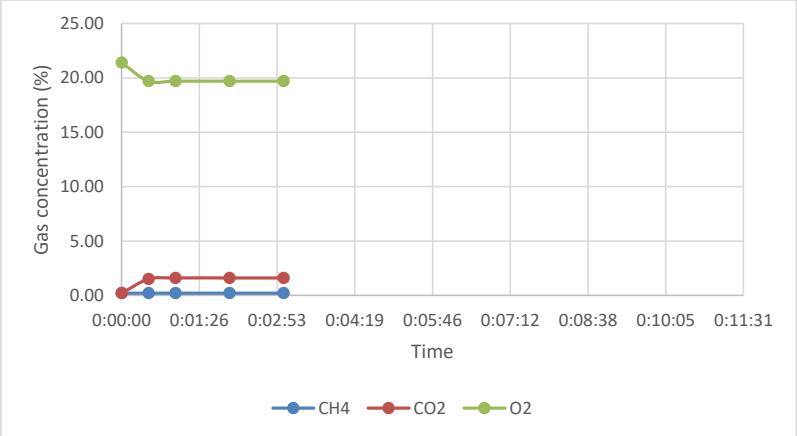
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

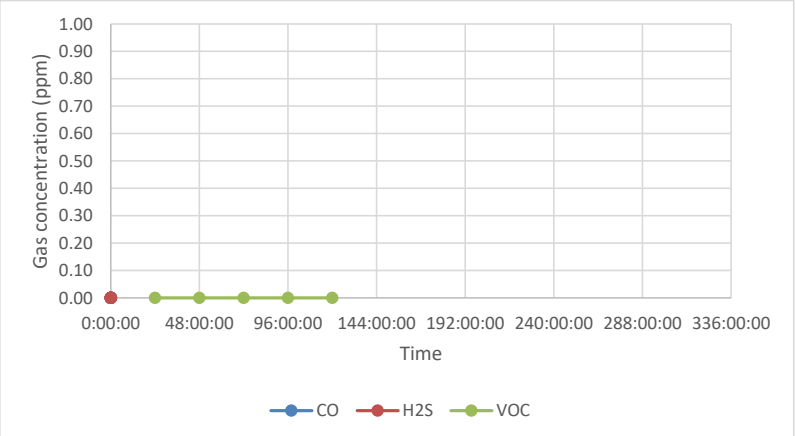
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.40
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.89
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**22/01/2025**	**Weather:**	Dry and mild
Comments:		**Recorded by:**	BH
Well Details			
Well ID:	WS105	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

N/A

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0.09	0.10	0.20	0.10	21.30	0.00	1.00	NM
0:00:30	-	0.20	0.20	0.30	21.00	0.00	1.00	NM
0:01:00	-	0.20	0.20	0.30	21.00	0.00	1.00	NM
0:02:00	-	0.20	0.20	0.30	21.00	0.00	1.00	NM
0:03:00	-	0.20	0.20	0.30	21.00	0.00	1.00	NM
0:04:00	-							
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

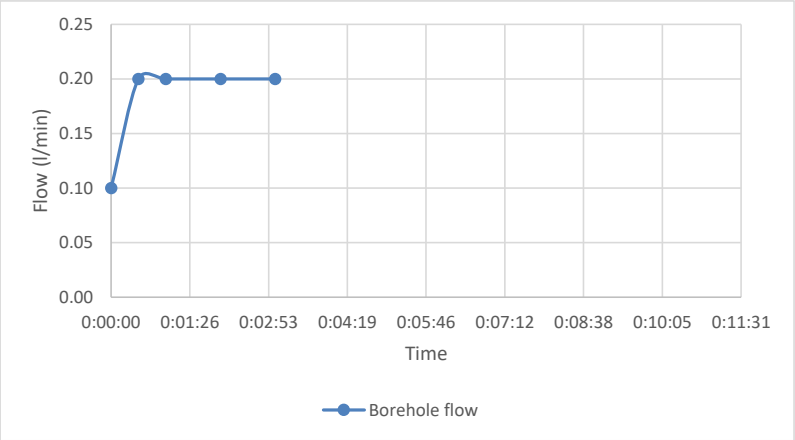
Ambient readings							
Atmospheric pressure (mb):	1003.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

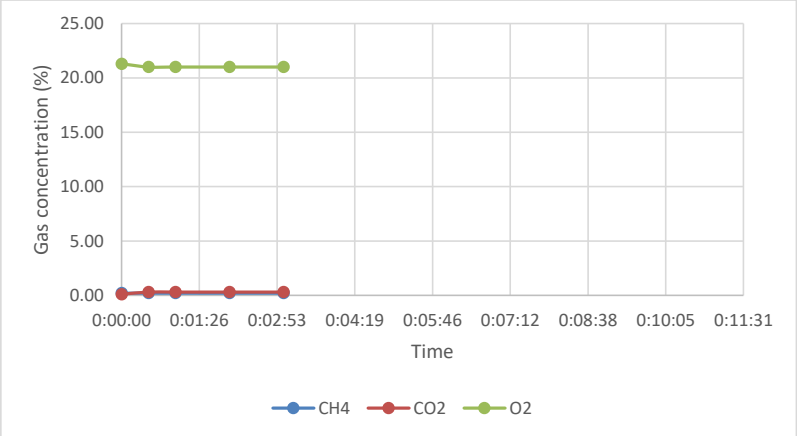
Observations during monitoring

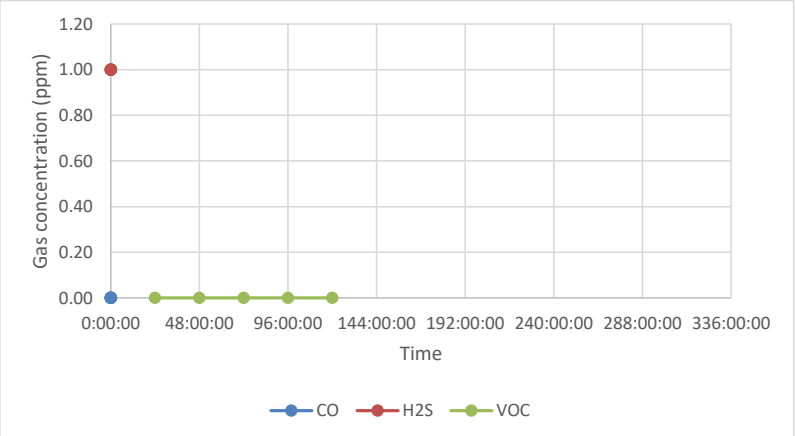
N/A

Samples			
Sample ID:		**Containers:**	
QA/QC Samples			
☐ Duplicate	**Sample ID:**	**Laboratory:**	
☐ Triplicate	**Sample ID:**	**Laboratory:**	

Groundwater Gauging:					
Monitoring Data					
Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.25
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.96
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


0.25
0.20
0.15
0.10
0.05
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**22/01/2025**	**Weather:**	Dry and mild
Comments:		**Recorded by:**	BH
Well Details			
Well ID:	WS106	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	2.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	2.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

N/A

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0.02	0.30	0.20	0.20	21.20	0.00	0.00	NM
0:00:30	-	0.60	0.20	1.60	19.60	0.00	0.00	NM
0:01:00	-	0.60	0.20	1.60	19.50	0.00	0.00	NM
0:02:00	-	0.70	0.20	1.60	19.50	0.00	0.00	NM
0:03:00	-	0.70	0.20	1.70	19.50	0.00	0.00	NM
0:04:00	-							
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1002.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

N/A

Samples

Sample ID:		**Containers:**	

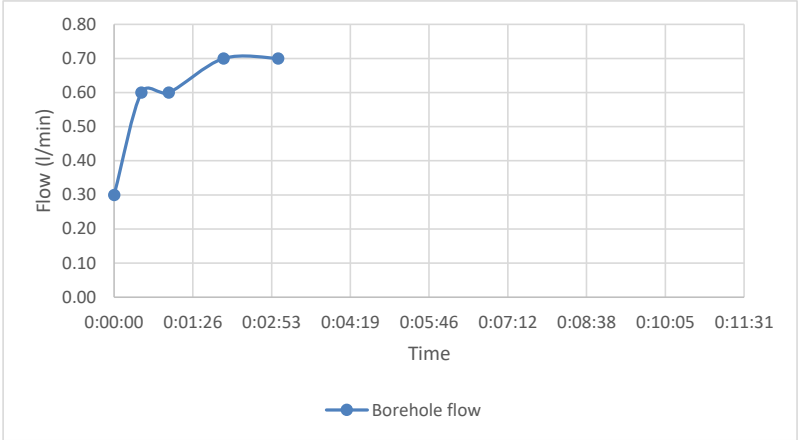
QA/QC Samples

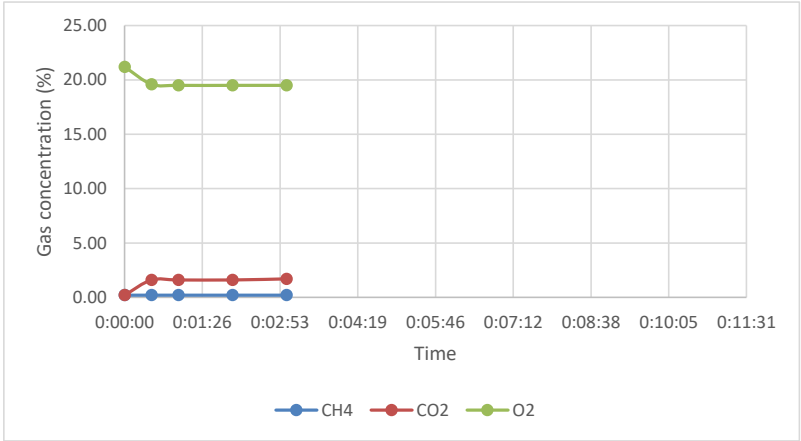
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☐ Triplicate	**Sample ID:**		**Laboratory:**	

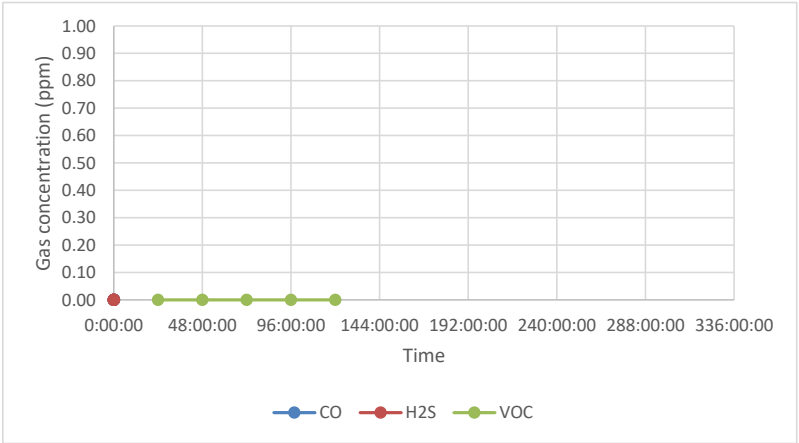
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	-
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	0.02
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**22/01/2025**	**Weather:**	Dry and mild
Comments:		**Recorded by:**	BH
Well Details			
Well ID:	WS107	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

N/A

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	-0.09	0.00	0.20	0.20	21.20	0.00	1.00	NM
0:00:30	-	0.20	0.20	0.70	20.70	0.00	0.00	NM
0:01:00	-	0.20	0.20	0.70	20.70	0.00	0.00	NM
0:02:00	-	0.20	0.20	0.70	20.70	0.00	1.00	NM
0:03:00	-	0.20	0.20	0.70	20.70	0.00	1.00	NM
0:04:00	-							
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1002.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

N/A

Samples

Sample ID:		**Containers:**	

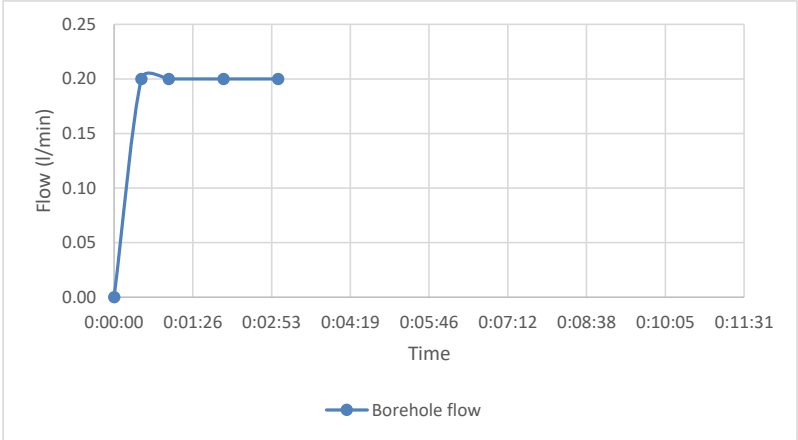
QA/QC Samples

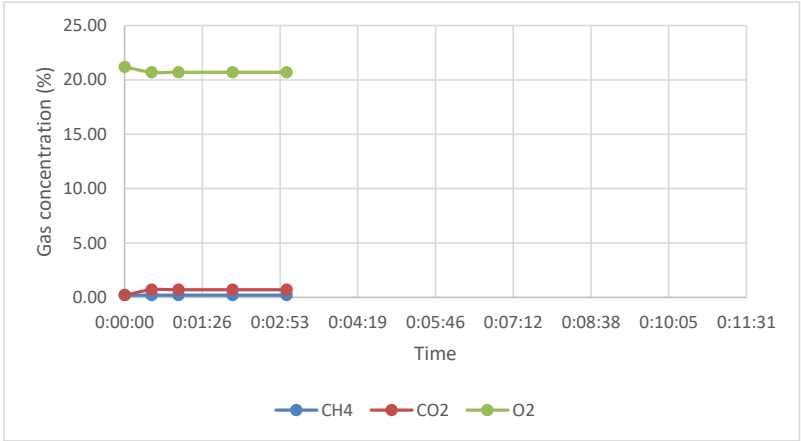
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

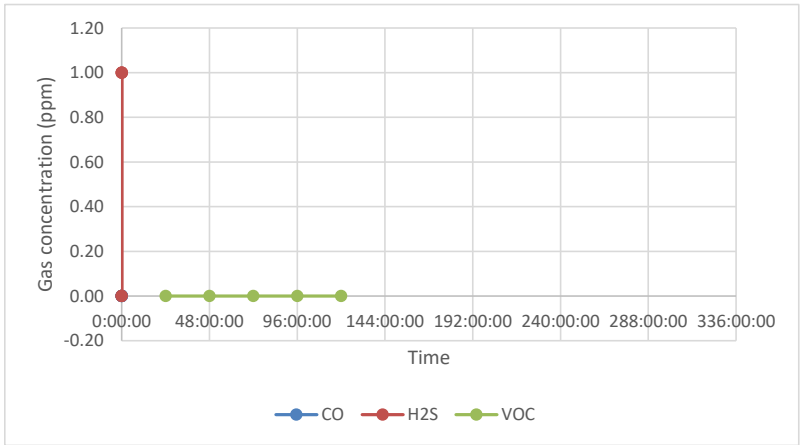
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.39
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	3.04
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


0.25
0.20
0.15
0.10
0.05
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
-0.20
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**22/01/2025**	**Weather:**	Dry and mild
Comments:		**Recorded by:**	BH
Well Details			
Well ID:	WS108	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

N/A

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0.09	0.10	0.20	0.20	21.20	0.00	0.00	NM
0:00:30	-	0.20	0.20	0.70	20.80	0.00	0.00	NM
0:01:00	-	0.30	0.20	0.80	20.80	0.00	0.00	NM
0:02:00	-	0.30	0.20	0.80	20.80	0.00	0.00	NM
0:03:00	-	0.30	0.20	0.80	20.70	0.00	0.00	NM
0:04:00	-							
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1002.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

N/A

Samples

Sample ID:		**Containers:**	

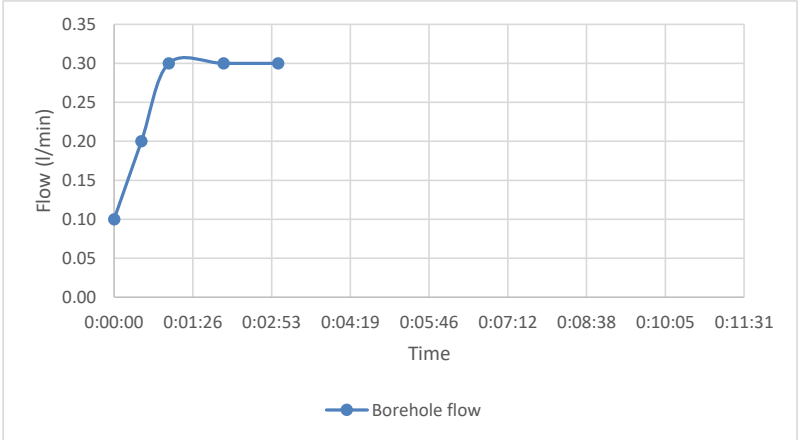
QA/QC Samples

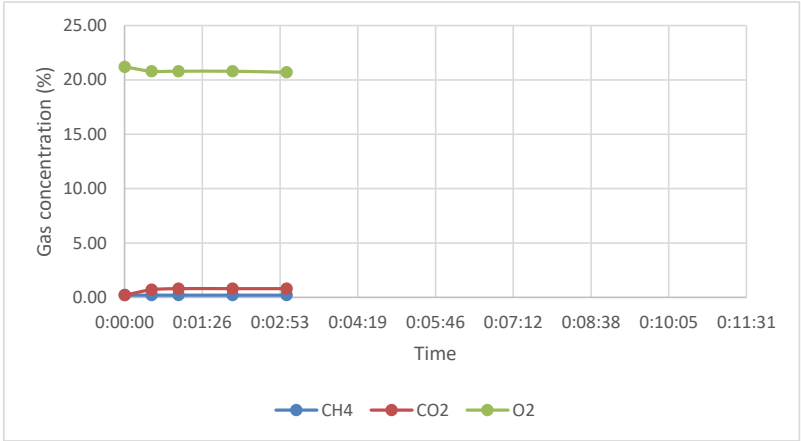
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☐ Triplicate	**Sample ID:**		**Laboratory:**	

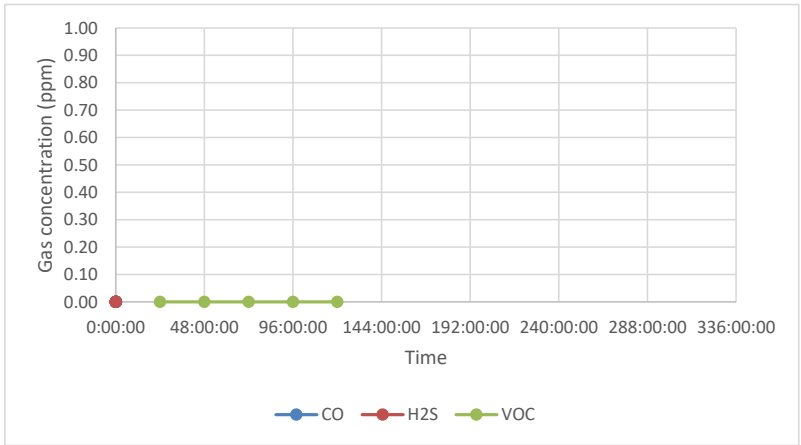
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.30
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	3.02
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**22/01/2025**	**Weather:**	Dry and mild
Comments:		**Recorded by:**	BH
Well Details			
Well ID:	WS109	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	0.90
Well Material:	HDPE	**Base of Screen (m bgl):**	1.90
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	0.90
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	1.90
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

N/A

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0.07	0.10	0.20	1.50	21.40	0.00	0.00	NM
0:00:30	-	0.50	0.20	0.90	20.60	0.00	0.00	NM
0:01:00	-	0.60	0.20	0.90	20.60	0.00	0.00	NM
0:02:00	-	0.60	0.20	0.90	20.60	0.00	0.00	NM
0:03:00	-	0.60	0.20	0.90	20.60	0.00	0.00	NM
0:04:00	-							
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1002.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

N/A

Samples

Sample ID:		**Containers:**	

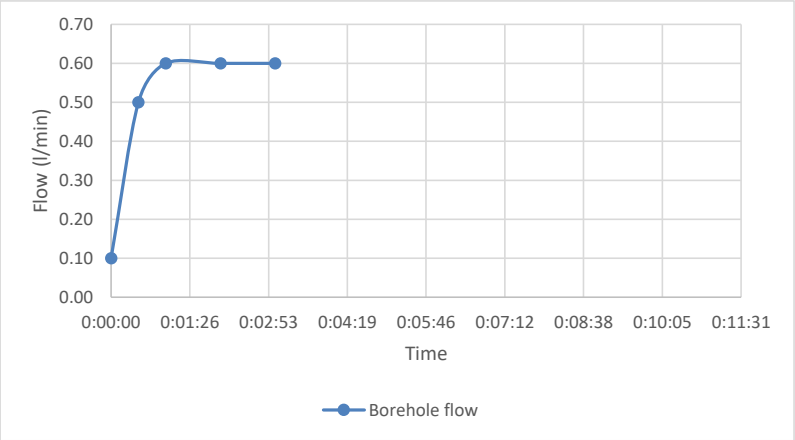
QA/QC Samples

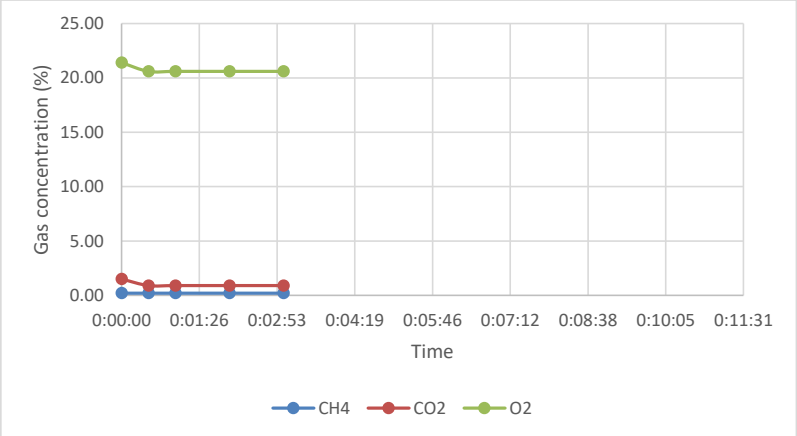
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

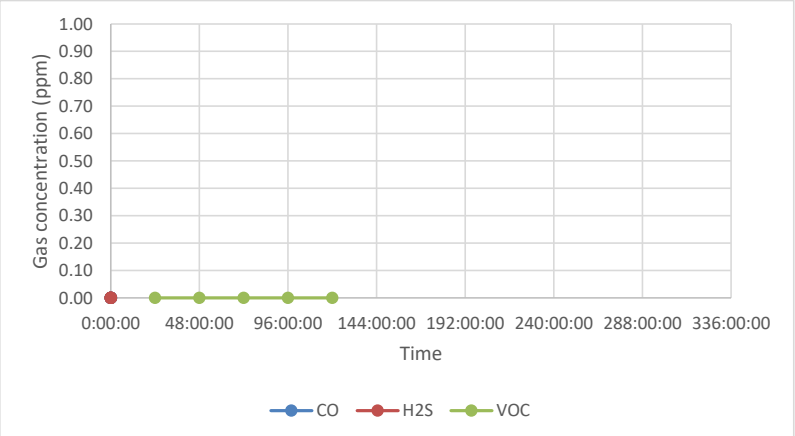
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	-
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	1.66
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**22/01/2025**	**Weather:**	Dry and mild
Comments:		**Recorded by:**	BH
Well Details			
Well ID:	WS112	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

N/A

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	-0.02	0.00	0.20	0.10	20.80	0.00	1.00	NM
0:00:30	-	0.10	0.20	2.50	17.60	0.00	1.00	NM
0:01:00	-	0.10	0.20	2.50	17.50	0.00	1.00	NM
0:02:00	-	0.10	0.20	2.50	17.50	0.00	1.00	NM
0:03:00	-		0.20	2.40	17.50	0.00	1.00	NM
0:04:00	-							
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1002.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

N/A

Samples

Sample ID:		**Containers:**	

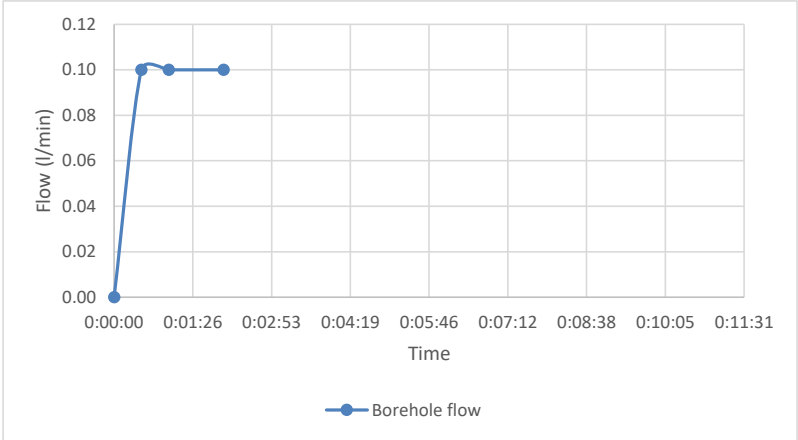
QA/QC Samples

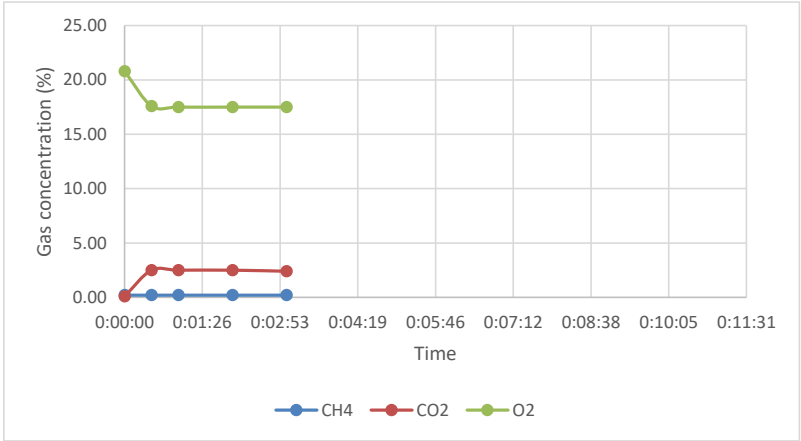
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☐ Triplicate	**Sample ID:**		**Laboratory:**	

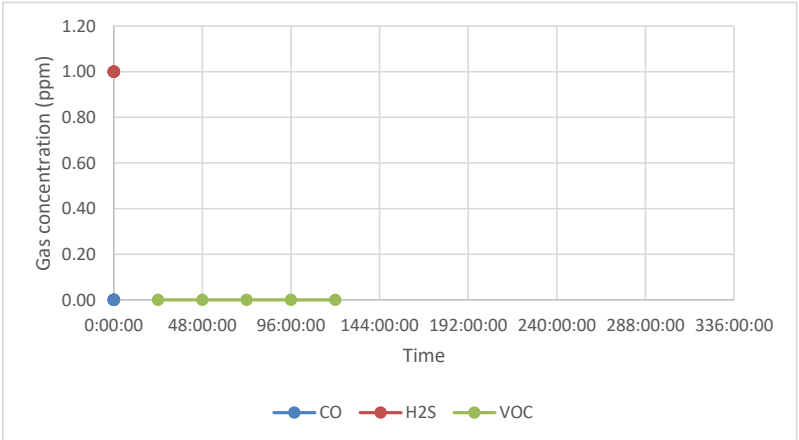
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.69
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	3.12
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


0.12
0.10
0.08
0.06
0.04
0.02
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**22/01/2025**	**Weather:**	Dry and mild
Comments:		**Recorded by:**	BH
Well Details			
Well ID:	WS113	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

N/A

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	-0.05	0.10	0.20	0.20	21.20	0.00	0.00	NM
0:00:30	-	0.40	0.20	0.60	20.90	0.00	0.00	NM
0:01:00	-	0.50	0.20	0.60	20.90	0.00	0.00	NM
0:02:00	-	0.50	0.20	0.60	20.90	0.00	0.00	NM
0:03:00	-	0.50	0.20	0.60	20.90	0.00	0.00	NM
0:04:00	-							
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1002.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

N/A

Samples

Sample ID:		**Containers:**	

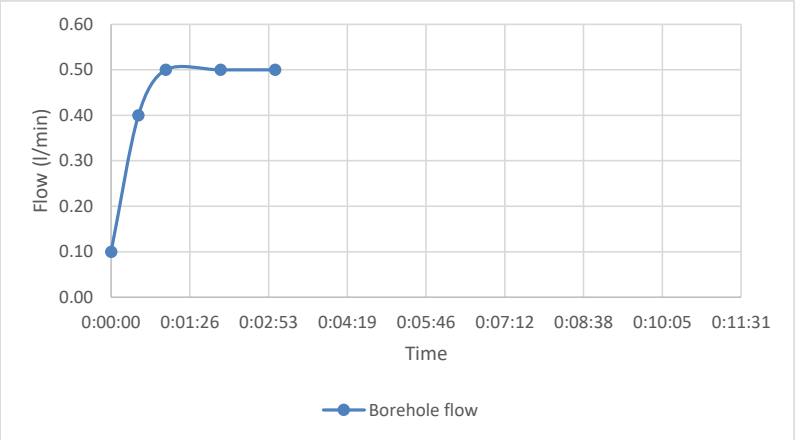
QA/QC Samples

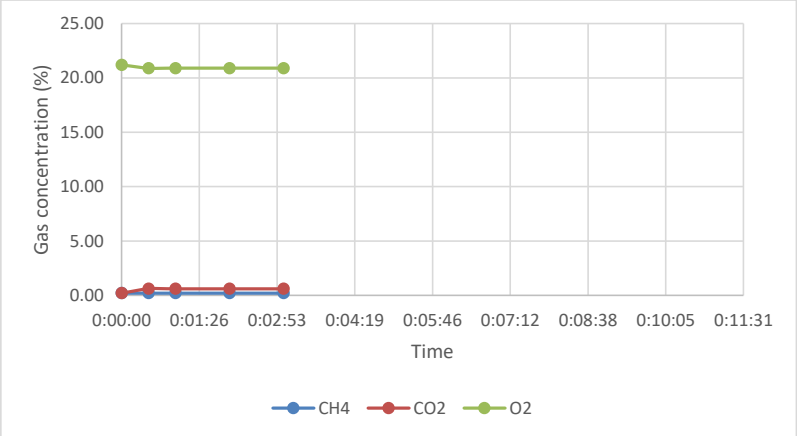
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

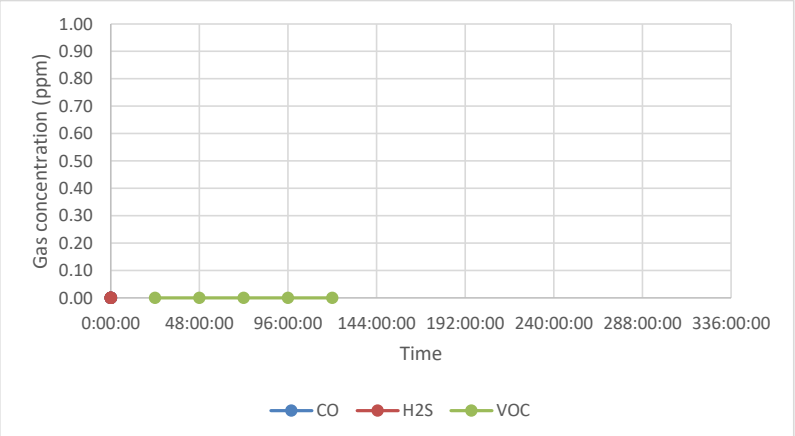
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.55
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	3.12
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**22/01/2025**	**Weather:**	Dry and mild
Comments:		**Recorded by:**	BH
Well Details			
Well ID:	WS114	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	2.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	2.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well cover sunken.

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0.02	0.20	0.20	0.00	21.20	0.00	0.00	NM
0:00:30	-	0.40	0.20	1.50	19.40	0.00	0.00	NM
0:01:00	-	0.50	0.20	1.50	19.40	0.00	0.00	NM
0:02:00	-	0.50	0.20	1.50	19.40	0.00	0.00	NM
0:03:00	-	0.50	0.20	1.50	19.40	0.00	0.00	NM
0:04:00	-							
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1003.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

N/A

Samples

Sample ID:		**Containers:**	

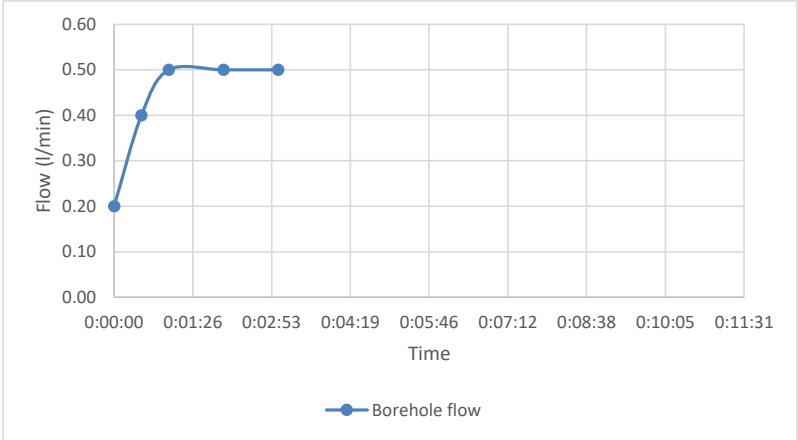
QA/QC Samples

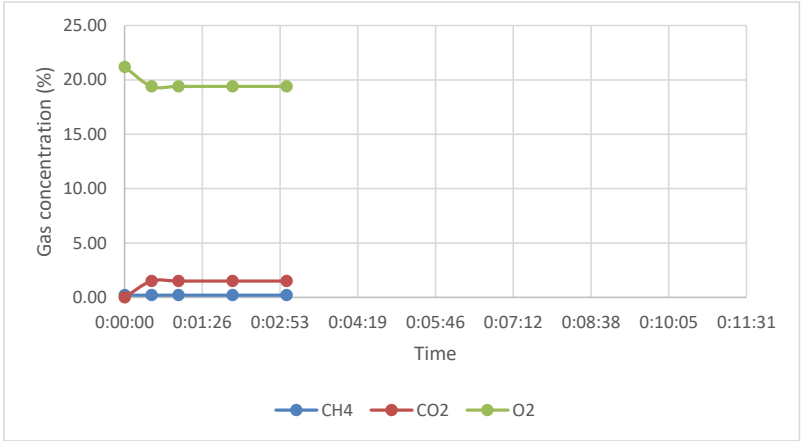
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

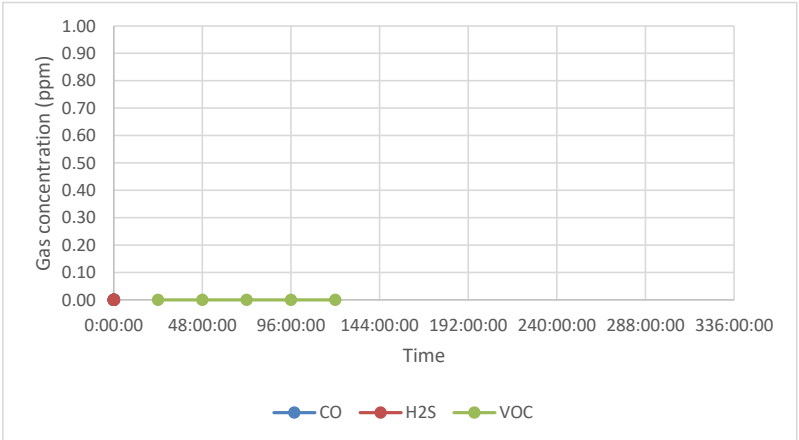
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	-
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.15
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**25/01/2025**	**Weather:**	Dry and mild
Comments:		**Recorded by:**	BH
Well Details			
Well ID:	WS115	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

N/A

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	-0.07	0.10	0.20	0.40	20.60	0.00	1.00	NM
0:00:30	-	0.20	0.20	0.70	19.90	0.00	1.00	NM
0:01:00	-	0.30	0.20	0.70	19.90	0.00	1.00	NM
0:02:00	-	0.30	0.20	0.70	19.90	0.00	1.00	NM
0:03:00	-	0.30	0.20	0.70	19.90	0.00	1.00	NM
0:04:00	-							
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	1002.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.40	0.00	0.00	NM

Observations during monitoring

N/A

Samples

Sample ID:		**Containers:**	

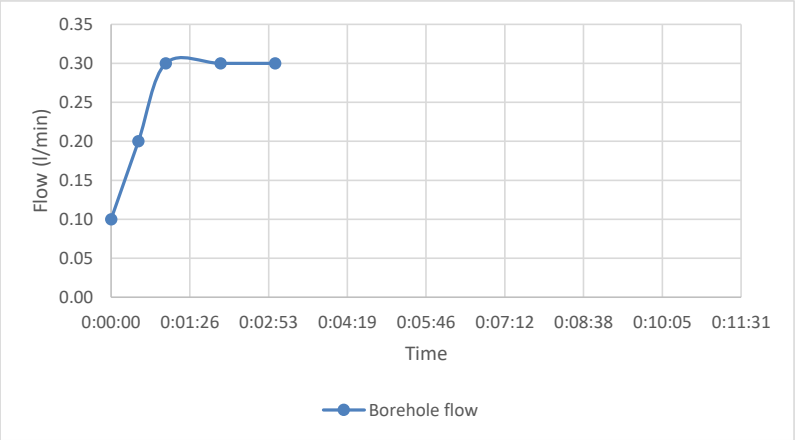
QA/QC Samples

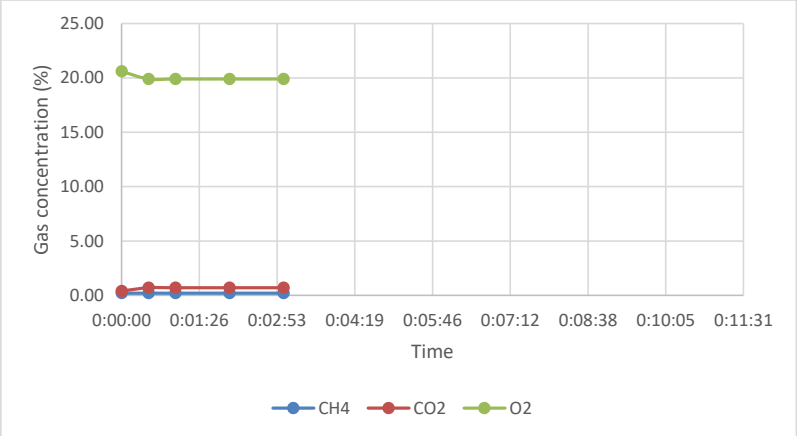
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

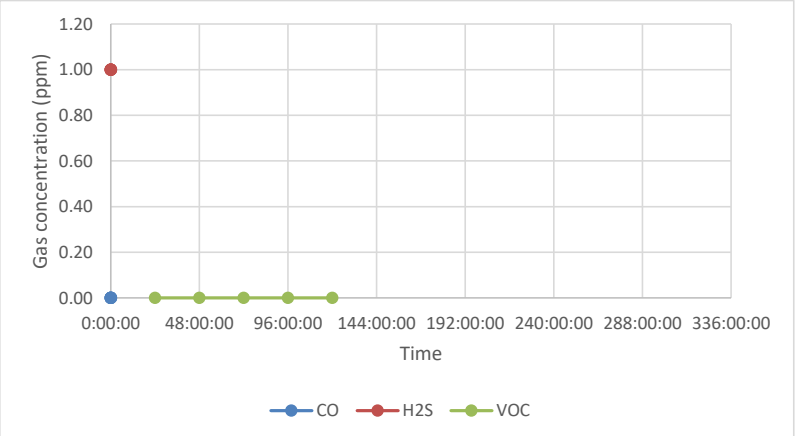
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.71
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.75
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**29/01/2025**	**Weather:**	Cold and clear
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS101	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	2.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	2.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	-0.02	0.00	0.20	1.70	21.10	0.00	0.00	NM
0:00:30	-	0.00	0.20	1.70	19.70	0.00	0.00	NM
0:01:00	-	0.00	0.20	1.80	19.70	0.00	0.00	NM
0:02:00	-		0.20	1.90	19.50	0.00	0.00	NM
0:03:00	-		0.20	2.10	19.30	0.00	0.00	NM
0:04:00	-		0.20	2.50	19.00	0.00	0.00	NM
0:05:00	-		0.20	2.70	18.80	0.00	0.00	NM
0:06:00	-		0.20	2.80	18.70	0.00	0.00	NM
0:07:00	-		0.20	2.80	18.70	0.00	0.00	NM
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	996.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.00	21.20	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

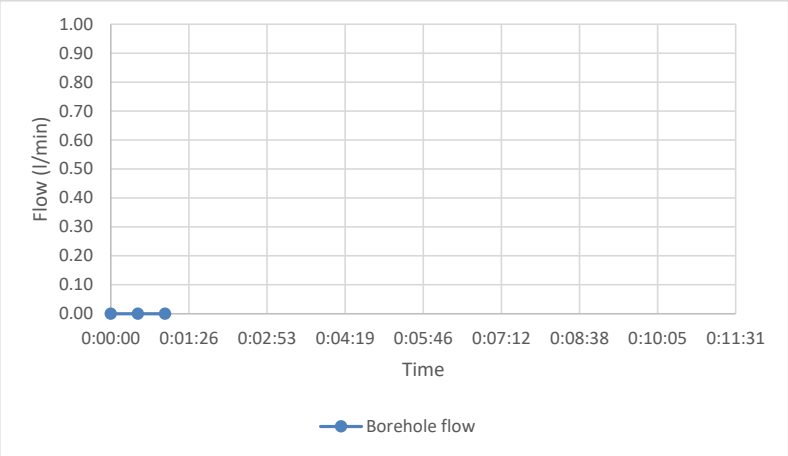
QA/QC Samples

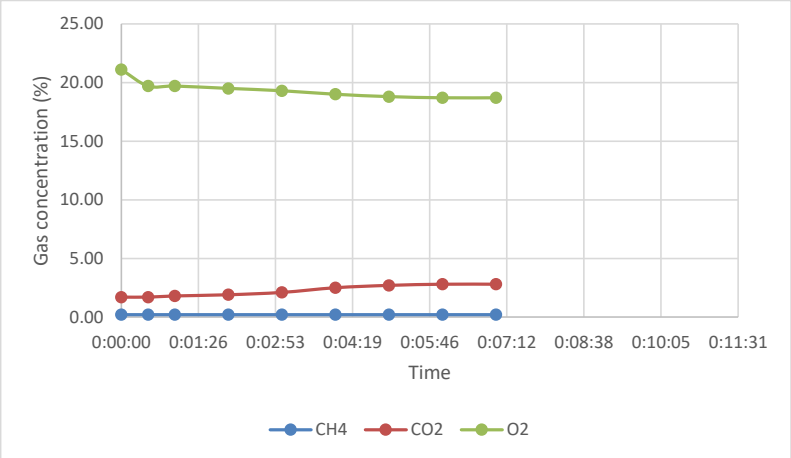
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

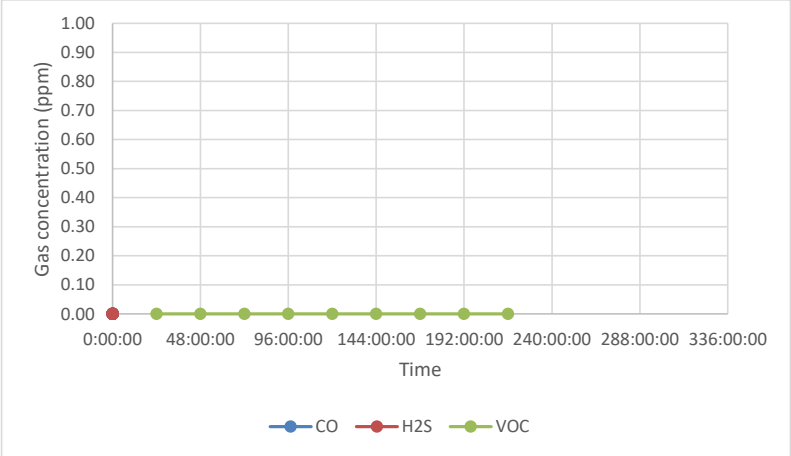
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	-
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	1.99
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**29/01/2025**	**Weather:**	Cold and clear
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS102	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0	0.00	0.20	3.00	17.00	0.00	1.00	NM
0:00:30	-	0.00	0.20	3.00	16.80	0.00	1.00	NM
0:01:00	-	0.00	0.20	3.00	16.60	0.00	1.00	NM
0:02:00	-		0.20	3.00	16.60	0.00	1.00	NM
0:03:00	-		0.20	3.00	16.60	0.00	1.00	NM
0:04:00	-		0.20	3.00	16.60	0.00	0.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	996.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.00	21.20	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

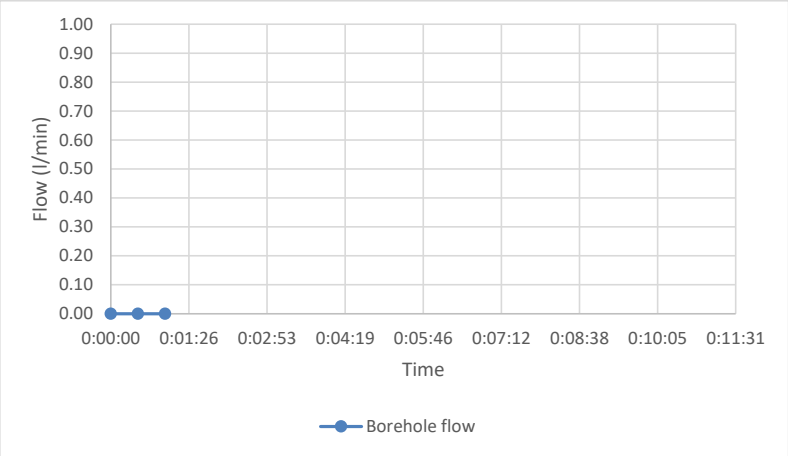
QA/QC Samples

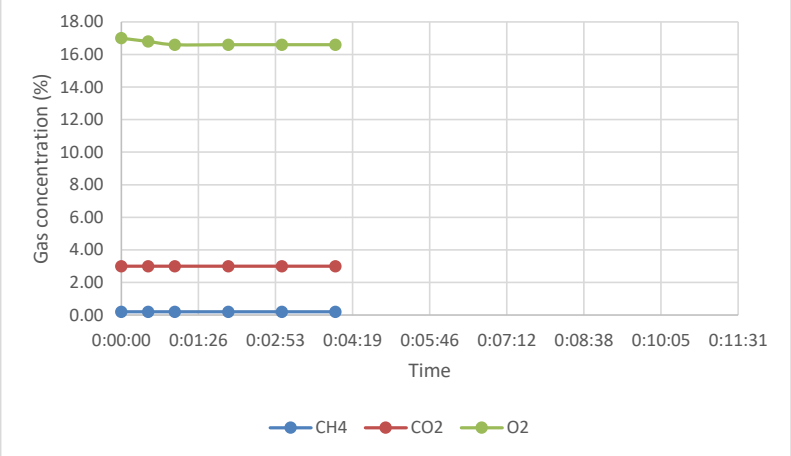
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☐ Triplicate	**Sample ID:**		**Laboratory:**	

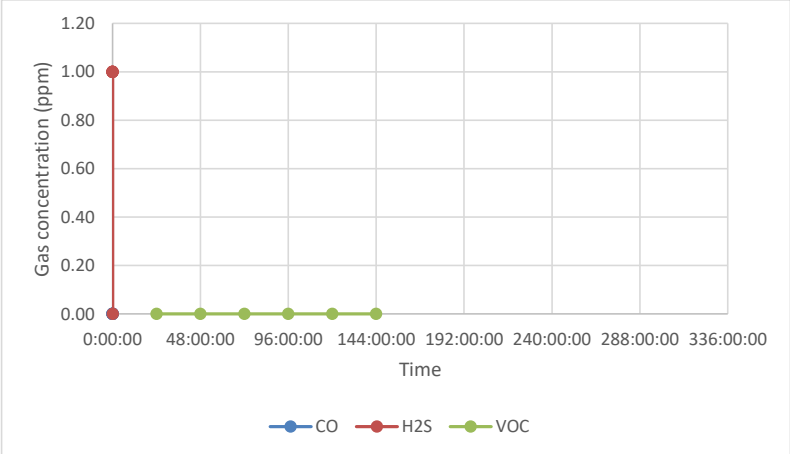
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	-
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.94
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**29/01/2025**	**Weather:**	Cold and clear
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	wS103	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	-0.02	0.00	0.20	0.40	20.40	0.00	1.00	NM
0:00:30	-	0.00	0.20	0.50	20.20	0.00	1.00	NM
0:01:00	-	0.00	0.20	0.60	20.20	0.00	1.00	NM
0:02:00	-		0.20	0.60	20.20	0.00	1.00	NM
0:03:00	-		0.20	0.60	20.20	0.00	1.00	NM
0:04:00	-		0.20	0.60	20.20	0.00	1.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	996.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.00	21.20	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

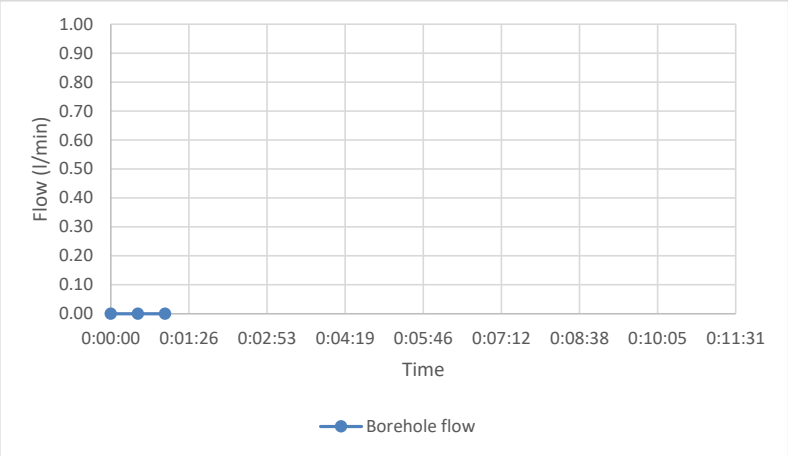
QA/QC Samples

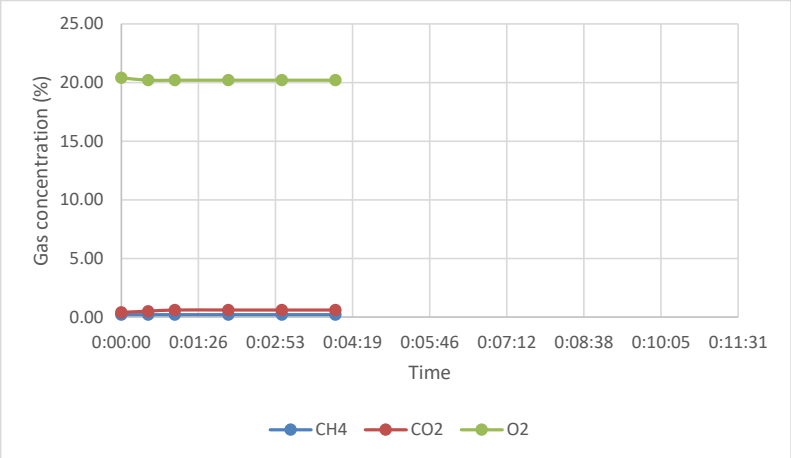
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

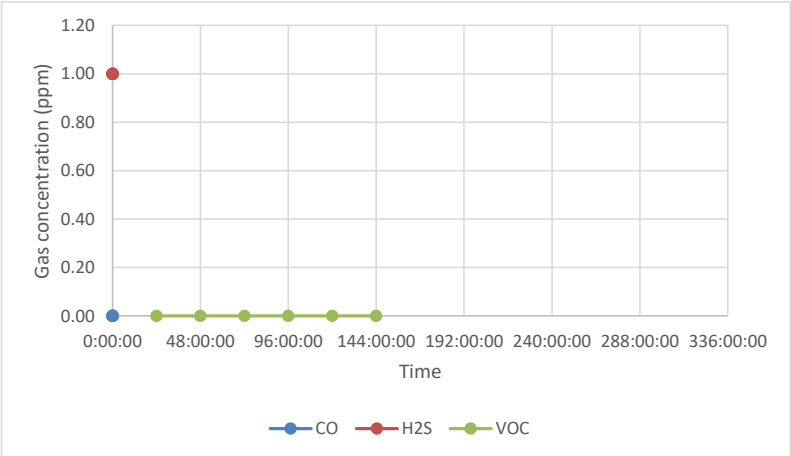
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.27
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.96
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**29/01/2025**	**Weather:**	Cold and clear
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS104	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0	0.00	0.20	0.20	21.50	0.00	0.00	NM
0:00:30	-	0.00	0.20	1.30	20.60	0.00	0.00	NM
0:01:00	-	0.00	0.20	1.30	20.50	0.00	0.00	NM
0:02:00	-		0.20	1.50	20.40	0.00	0.00	NM
0:03:00	-		0.20	1.50	20.30	0.00	0.00	NM
0:04:00	-		0.20	1.60	20.30	0.00	0.00	NM
0:05:00	-		0.20	1.70	20.20	0.00	0.00	NM
0:06:00	-		0.20	1.70	20.20	0.00	0.00	NM
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	996.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.00	21.20	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

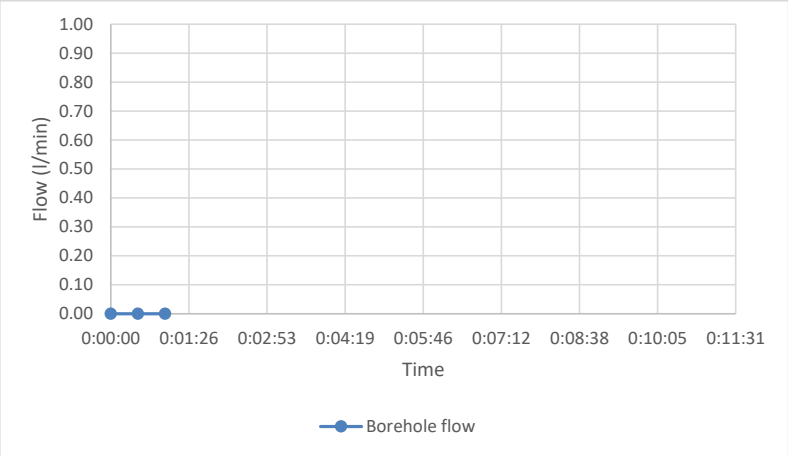
QA/QC Samples

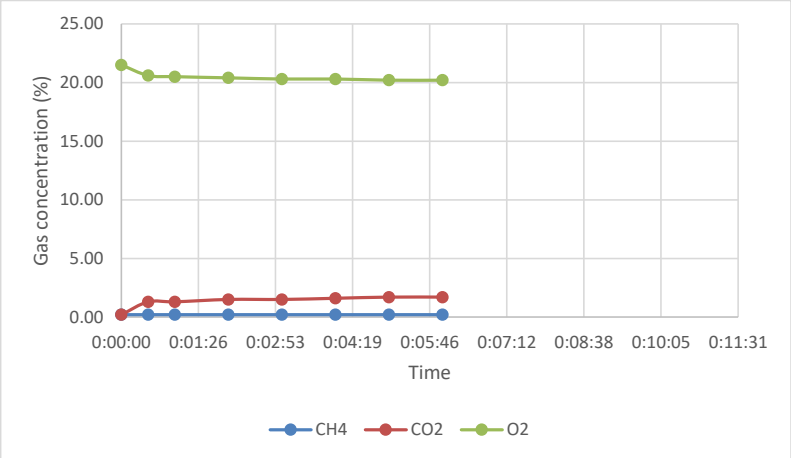
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

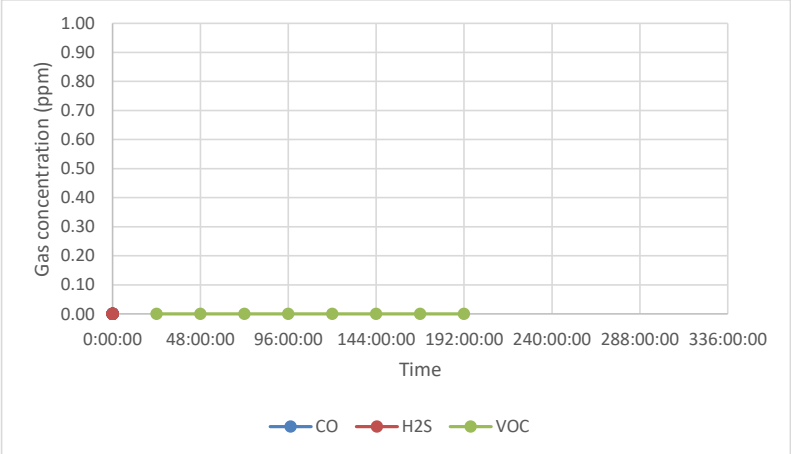
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.54
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.89
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**29/01/2025**	**Weather:**	Cold and clear
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS105	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0	0.00	0.20	0.20	20.80	0.00	1.00	NM
0:00:30	-	0.00	0.20	0.30	20.70	0.00	1.00	NM
0:01:00	-	0.00	0.20	0.30	20.70	0.00	1.00	NM
0:02:00	-		0.20	0.30	20.70	0.00	1.00	NM
0:03:00	-		0.20	0.30	20.70	0.00	1.00	NM
0:04:00	-		0.20	0.30	20.70	0.00	1.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	996.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.00	21.20	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

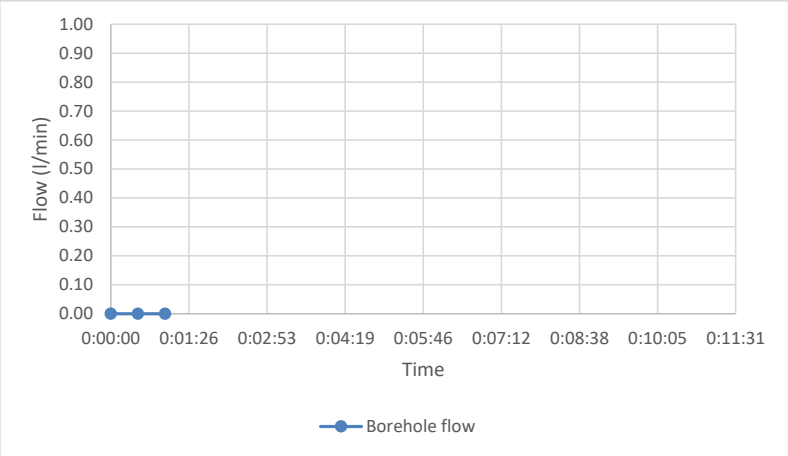
QA/QC Samples

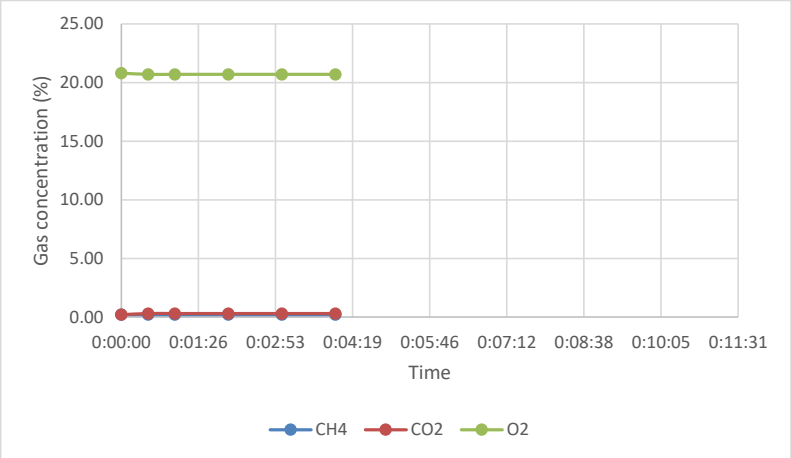
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

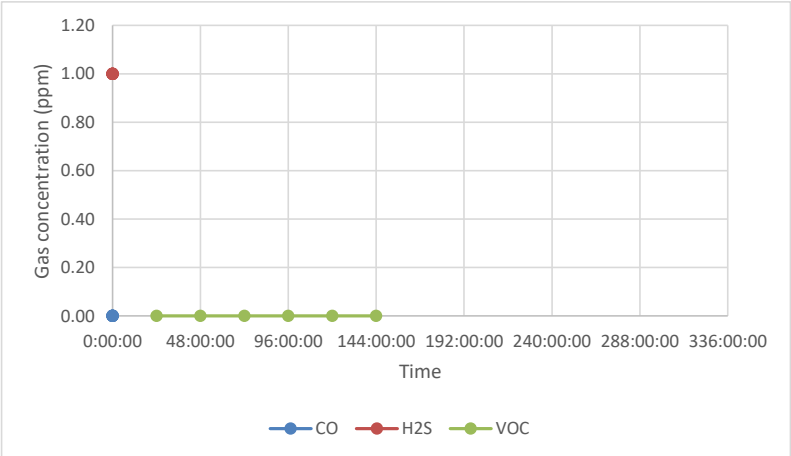
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.28
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.95
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**29/01/2025**	**Weather:**	Cold and clear
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS106	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	2.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	2.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0	0.00	0.20	0.10	21.20	0.00	0.00	NM
0:00:30	-	0.00	0.20	1.50	19.90	0.00	1.00	NM
0:01:00	-	0.00	0.20	1.50	19.80	0.00	1.00	NM
0:02:00	-		0.20	1.50	19.80	0.00	1.00	NM
0:03:00	-		0.20	1.50	19.80	0.00	1.00	NM
0:04:00	-		0.20	1.50	19.80	0.00	1.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	996.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.00	21.20	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

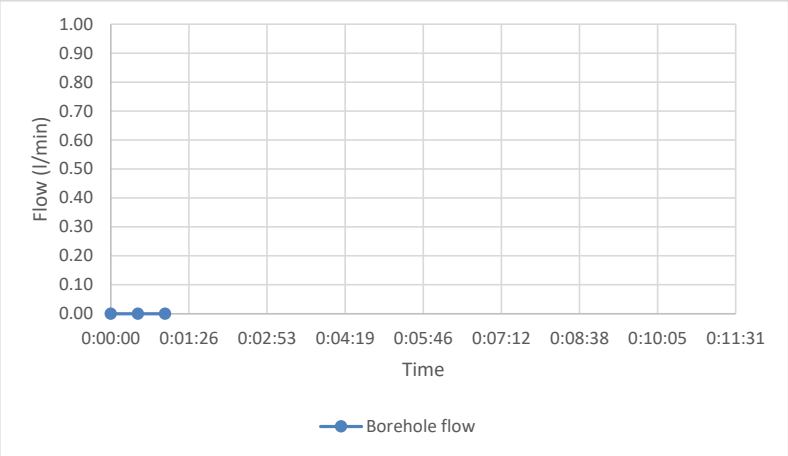
QA/QC Samples

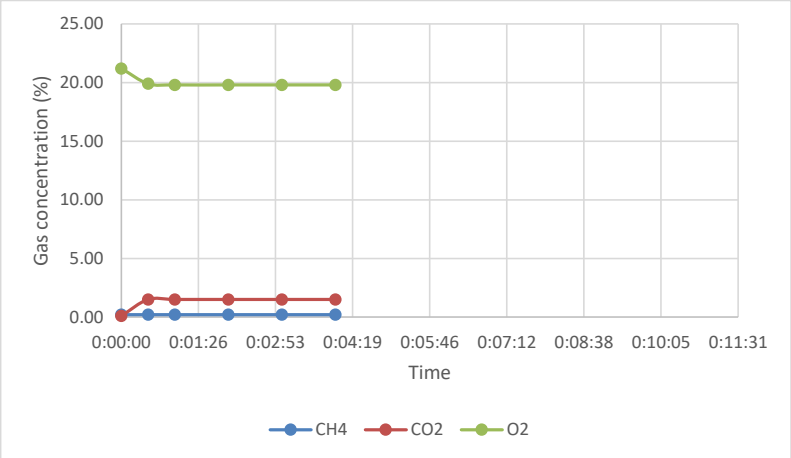
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

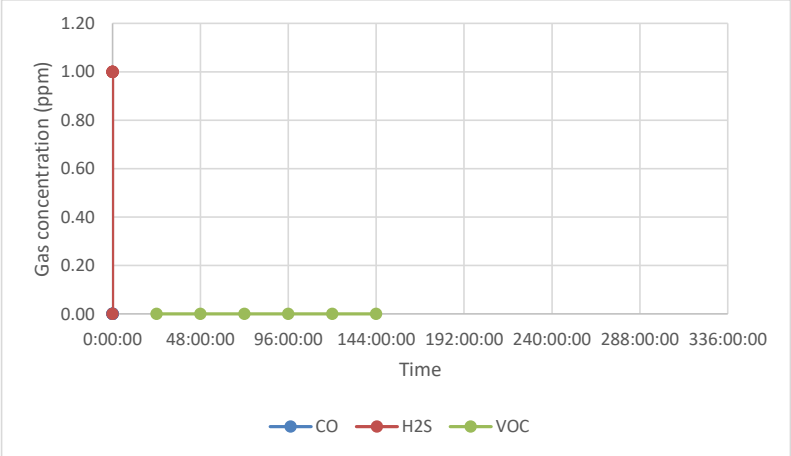
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	-
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.04
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**29/01/2025**	**Weather:**	Cold and clear
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS107	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0	0.00	0.20	0.20	21.10	0.00	0.00	NM
0:00:30	-	0.00	0.20	0.50	20.90	0.00	1.00	NM
0:01:00	-	0.00	0.20	0.50	20.90	0.00	1.00	NM
0:02:00	-		0.20	0.60	20.80	0.00	1.00	NM
0:03:00	-		0.20	0.60	20.80	0.00	1.00	NM
0:04:00	-		0.20	0.70	20.70	0.00	1.00	NM
0:05:00	-		0.20	0.70	20.70	0.00	1.00	NM
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	996.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.00	21.20	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

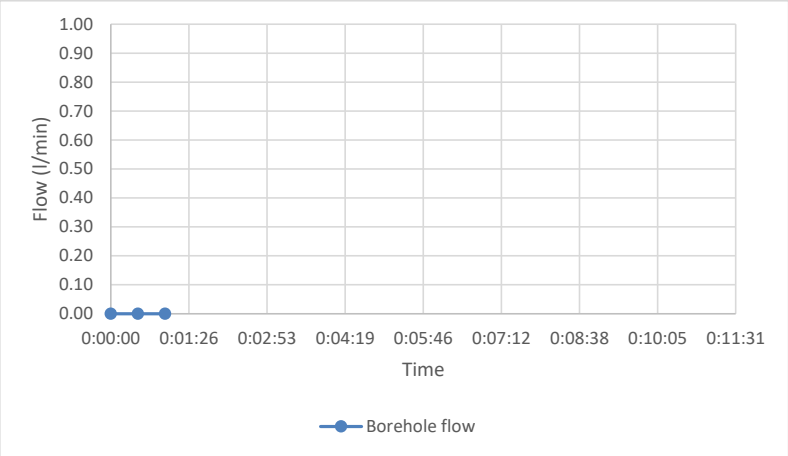
QA/QC Samples

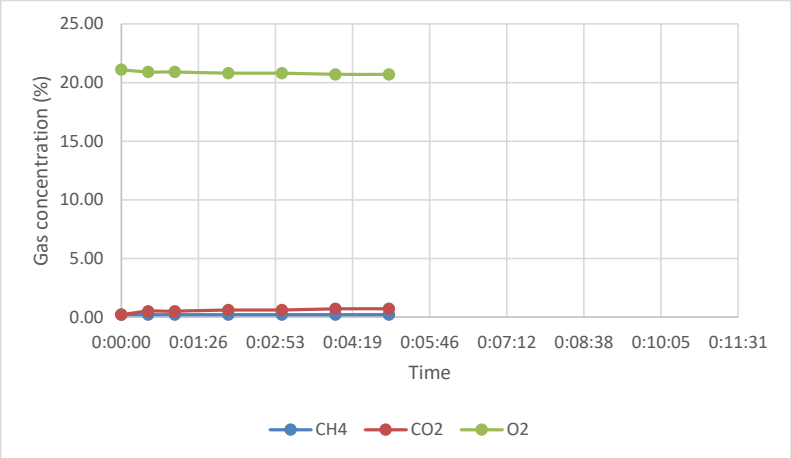
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

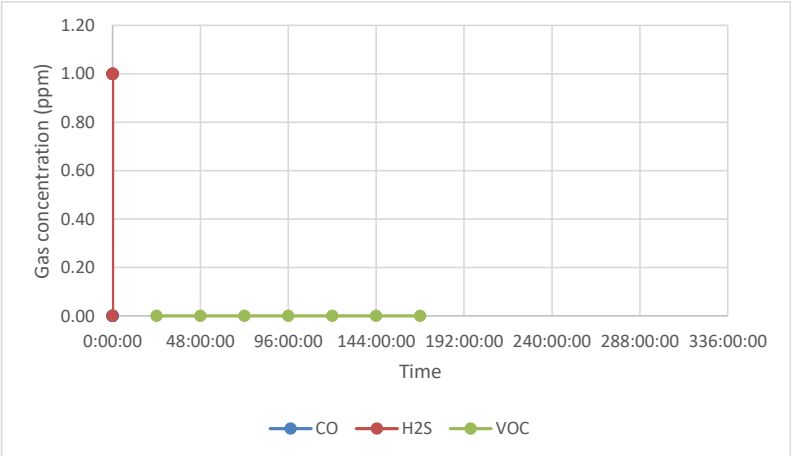
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.40
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	3.10
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**29/01/2025**	**Weather:**	Cold and clear
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS108	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	-0.02	0.00	0.20	0.80	20.60	0.00	1.00	NM
0:00:30	-	0.00	0.20	0.80	20.50	0.00	0.00	NM
0:01:00	-	0.00	0.20	0.80	20.50	0.00	1.00	NM
0:02:00	-		0.20	0.80	20.50	0.00	1.00	NM
0:03:00	-		0.20	0.80	20.60	0.00	1.00	NM
0:04:00	-		0.20	0.80	20.60	0.00	1.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	996.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.00	21.20	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

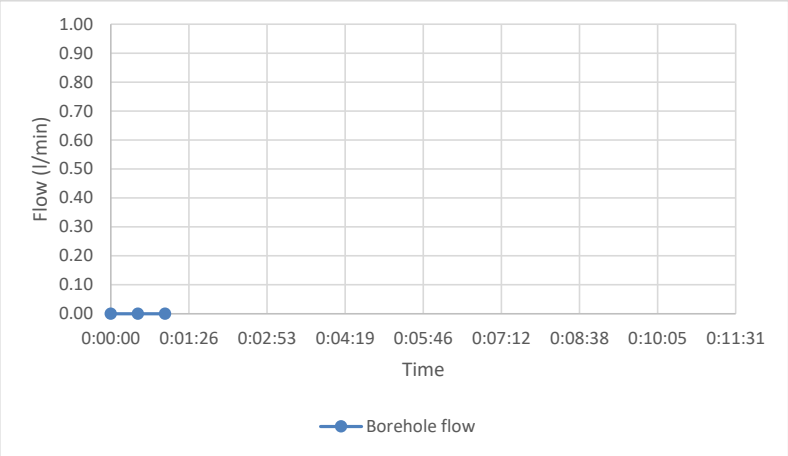
QA/QC Samples

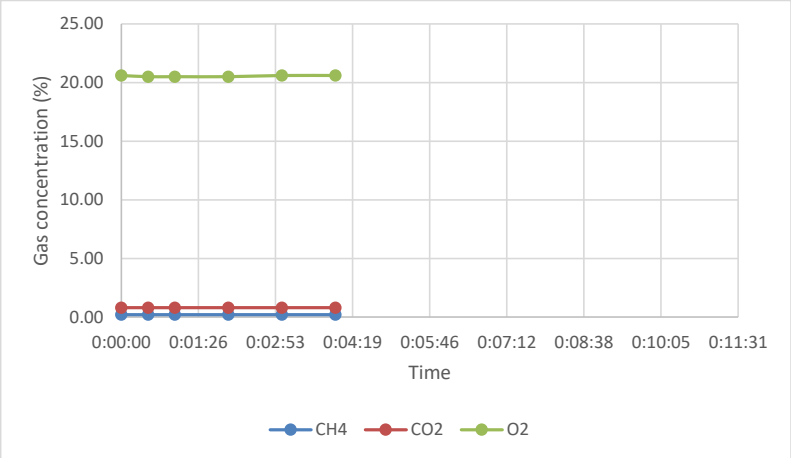
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

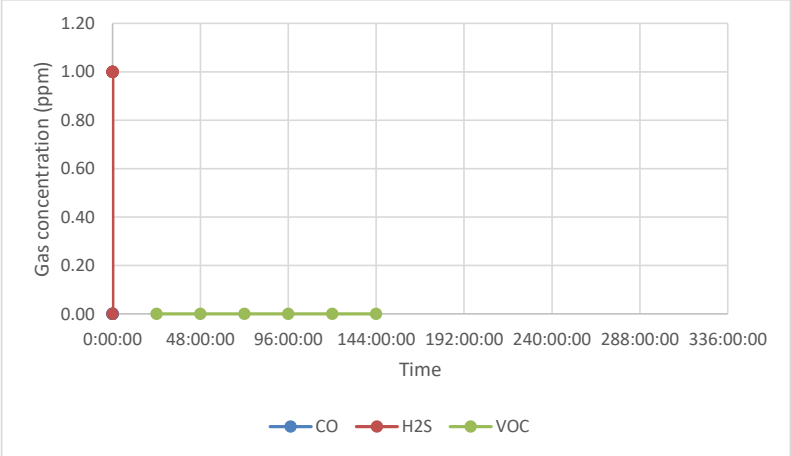
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.31
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	3.02
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**29/01/2025**	**Weather:**	Cold and clear
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS109	**Casing Level above GL (m):**	0
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	1.90
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	1.90
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0.02	0.00	0.20	1.00	20.80	0.00	0.00	NM
0:00:30	-	0.00	0.20	1.00	20.70	0.00	0.00	NM
0:01:00	-	0.00	0.20	1.00	20.70	0.00	0.00	NM
0:02:00	-		0.20	1.00	20.70	0.00	0.00	NM
0:03:00	-		0.20	1.00	20.70	0.00	0.00	NM
0:04:00	-		0.20	1.00	20.70	0.00	0.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	996.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.20	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

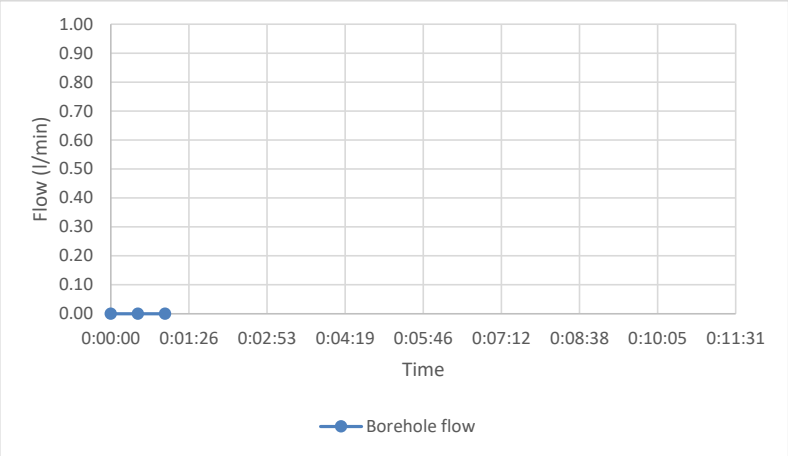
QA/QC Samples

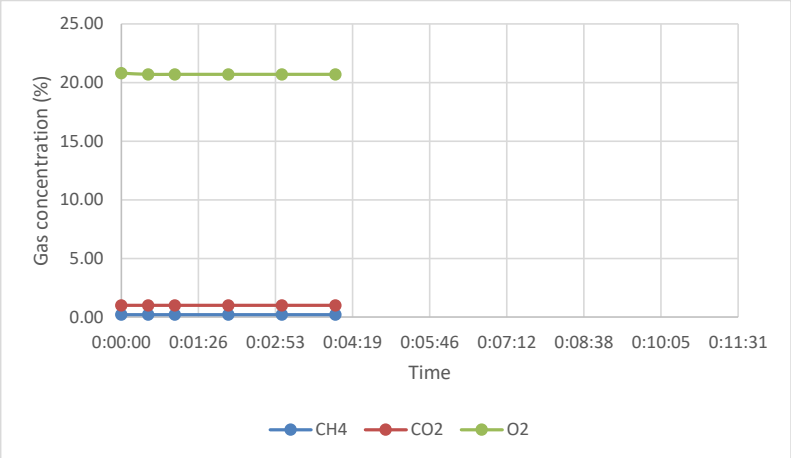
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

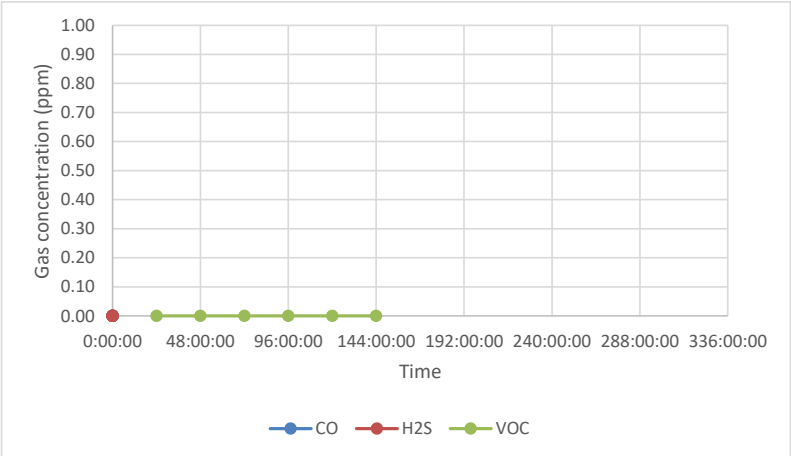
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	-
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	1.66
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**29/01/2025**	**Weather:**	Cold and clear
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS112	**Casing Level above GL (m):**	0
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0.0.	0.00	0.20	1.90	20.50	0.00	0.00	NM
0:00:30	-	0.00	0.20	1.90	18.80	0.00	0.00	NM
0:01:00	-	0.00	0.20	1.90	18.80	0.00	0.00	NM
0:02:00	-		0.20	1.90	18.80	0.00	1.00	NM
0:03:00	-		0.20	1.90	18.80	0.00	1.00	NM
0:04:00	-		0.20	1.90	18.80	0.00	0.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	996.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.20	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

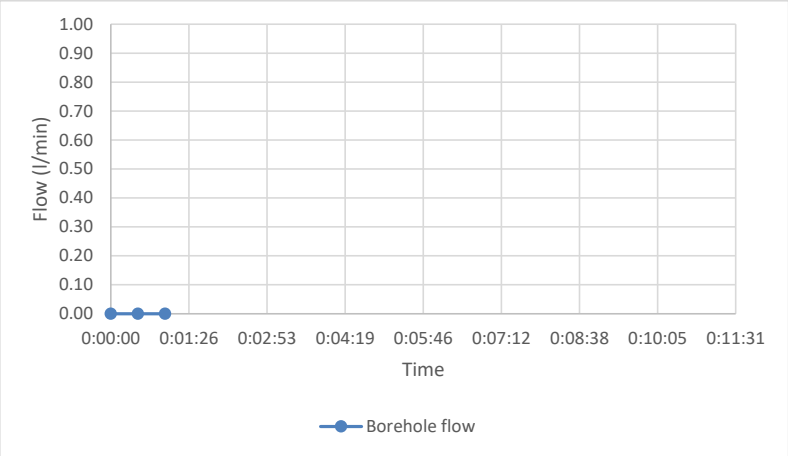
QA/QC Samples

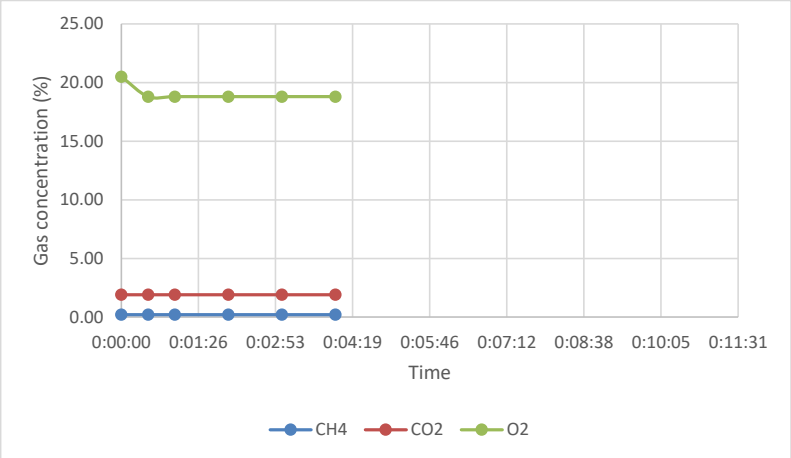
☐ Duplicate	**Sample ID:**		**Laboratory:**	
☐ Triplicate	**Sample ID:**		**Laboratory:**	

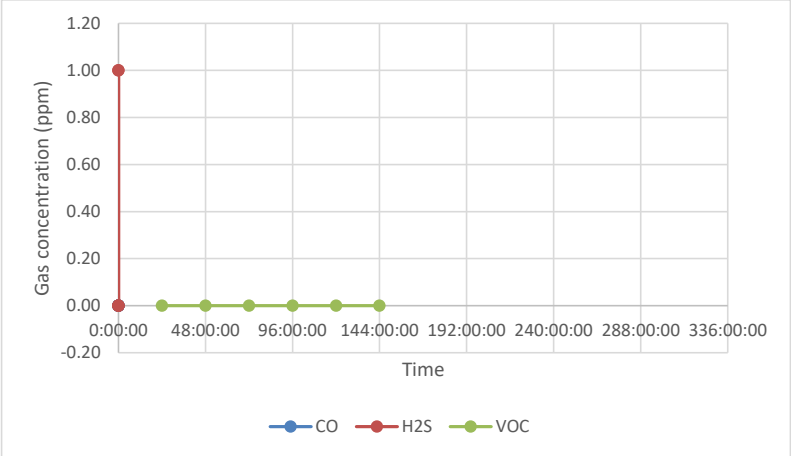
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.70
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	3.12
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
-0.20
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**29/01/2025**	**Weather:**	Cold and clear
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS113	**Casing Level above GL (m):**	0
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	3.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	3.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	0.02	0.00	0.20	0.60	20.90	0.00	0.00	NM
0:00:30	-	0.00	0.20	0.60	20.80	0.00	1.00	NM
0:01:00	-	0.00	0.20	0.60	20.80	0.00	1.00	NM
0:02:00	-		0.20	0.60	20.80	0.00	1.00	NM
0:03:00	-		0.20	0.60	20.80	0.00	1.00	NM
0:04:00	-		0.20	0.60	20.80	0.00	1.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	996.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.20	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

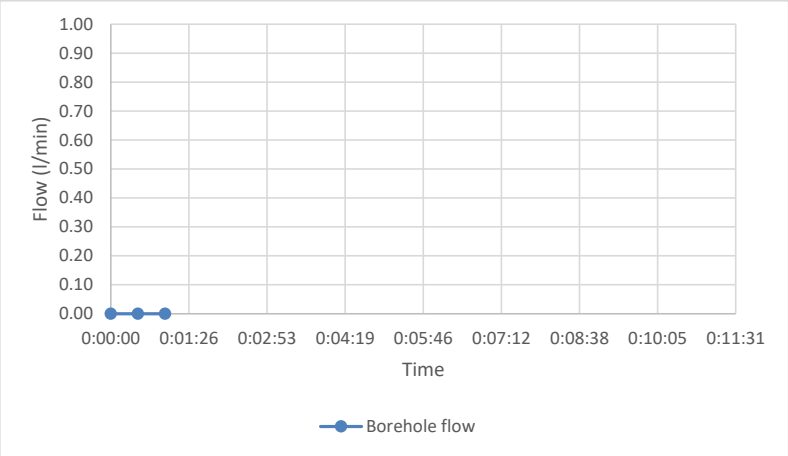
QA/QC Samples

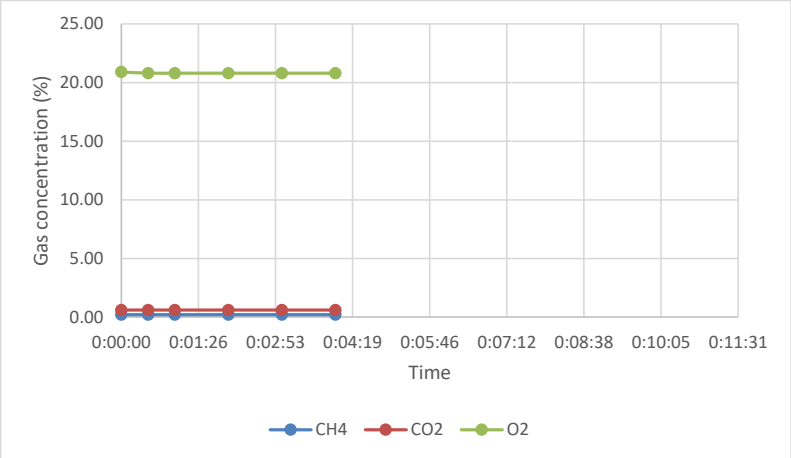
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☐ Triplicate	**Sample ID:**		**Laboratory:**	

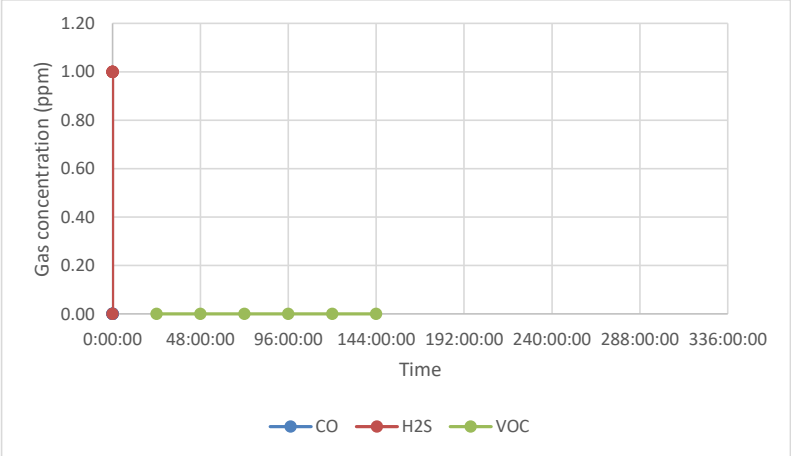
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.56
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	3.12
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**29/01/2025**	**Weather:**	Cold and clear
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS114	**Casing Level above GL (m):**	0
Single or dual gas tap:	S	**Top of Screen (m bgl):**	1.00
Well Material:	HDPE	**Base of Screen (m bgl):**	2.00
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	1.00
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	2.00
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	-0.05	0.00	0.20	1.70	19.80	0.00	0.00	NM
0:00:30	-	0.00	0.20	1.70	19.70	0.00	0.00	NM
0:01:00	-	0.00	0.20	1.70	19.60	0.00	0.00	NM
0:02:00	-		0.20	1.70	19.70	0.00	0.00	NM
0:03:00	-		0.20	1.70	19.70	0.00	0.00	NM
0:04:00	-		0.20	1.70	19.70	0.00	0.00	NM
0:05:00	-							
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	996.00						
Ambient concentrations:		CH4	CO2	O2	CO	H2S	VOC
		0.20	0.10	21.20	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		Containers:	

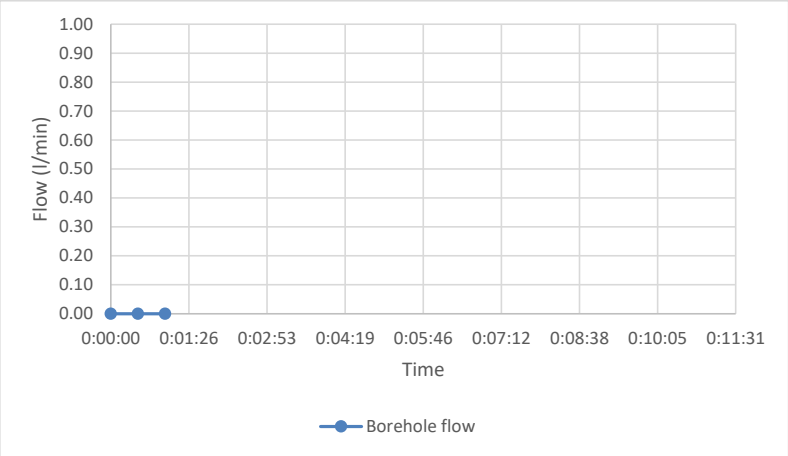
QA/QC Samples

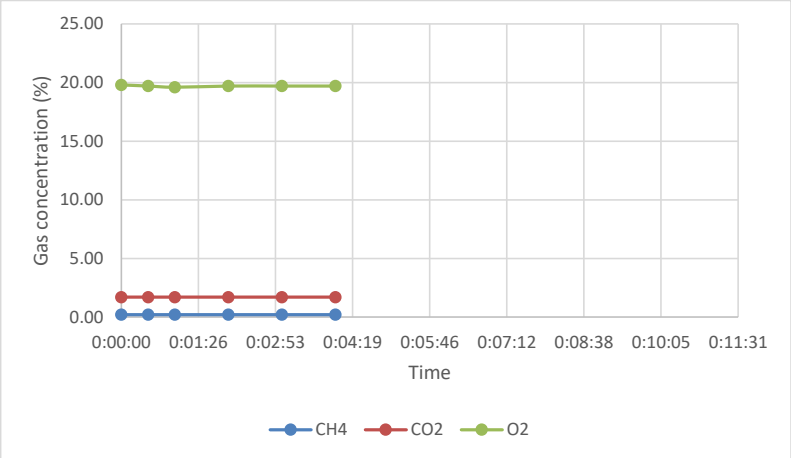
☐ Duplicate	Sample ID:		Laboratory:	
☐ Triplicate	Sample ID:		Laboratory:	

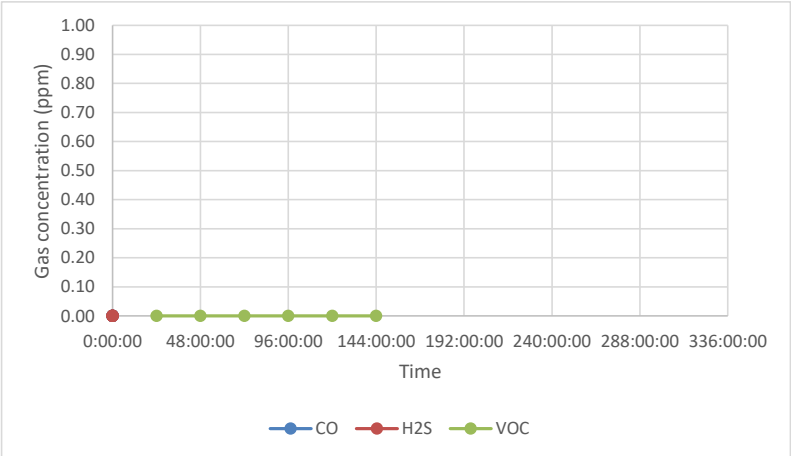
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	Water Level Depth (m bd):	-
Depth to NAPL (m bd):				Measured Well Depth (m bd):	2.21
NAPL Thickness (mm):				Correction for dip tape depth to base (mm):	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground Gas Monitoring Form

Hydrock

Project Details			
Project Name:	Sharston Road, Sharston Industrial Estate	**Project Number:**	35838
Visit Details			
Date:	**29/01/2025**	**Weather:**	Cold and clear
Comments:		**Recorded by:**	AE
Well Details			
Well ID:	WS115	**Casing Level above GL (m):**	0.00
Single or dual gas tap:	S	**Top of Screen (m bgl):**	0.70
Well Material:	HDPE	**Base of Screen (m bgl):**	2.70
Well Diameter D (mm):	50	**Top of Screen (m b.casing):**	0.70
Hole Diameter R (mm):	110	**Base of Screen (m b.casing):**	2.70
Expected headspace air volume:			
Equipment Details			
Gas Analyser Type:	GA5000	**Instrument Serial Number:**	G502329
Calibration Date:	08/07/2024	**Span gas check ok:**	Y
PID instrument:	N/A	**Instrument Serial Number:**	N/A
Calibration Date:	N/A	**Calibration check ok:**	N/A
Well conditons:			

Well measurement readings

Parameter Details

Time (hh:mm:ss)	Relative BH pressure (hPA/mb)	Borehole flow (litres/hour)	CH4 (%)	CO2 (%)	O2 (%)	CO (ppm)	H2S (ppm)	VOC (ppm)
0:00:00	-0.02	0.00	0.20	0.70	20.30	1.00	0.00	NM
0:00:30	-	0.00	0.20	0.70	20.30	0.00	0.00	NM
0:01:00	-	0.00	0.20	0.70	20.30	0.00	0.00	NM
0:02:00	-	0.00	0.20	0.70	20.30	0.00	0.00	NM
0:03:00	-		0.20	0.80	20.30	0.00	0.00	NM
0:04:00	-		0.20	0.80	20.30	0.00	0.00	NM
0:05:00	-		0.20	0.80	20.30	0.00	0.00	NM
0:06:00	-							
0:07:00	-							
0:08:00	-							
0:09:00	-							
0:10:00	-							

Ambient readings

Atmospheric pressure (mb):	996.00						
Ambient concentrations:		**CH4**	**CO2**	**O2**	**CO**	**H2S**	**VOC**
		0.20	0.10	21.20	0.00	0.00	NM

Observations during monitoring

Samples

Sample ID:		**Containers:**	

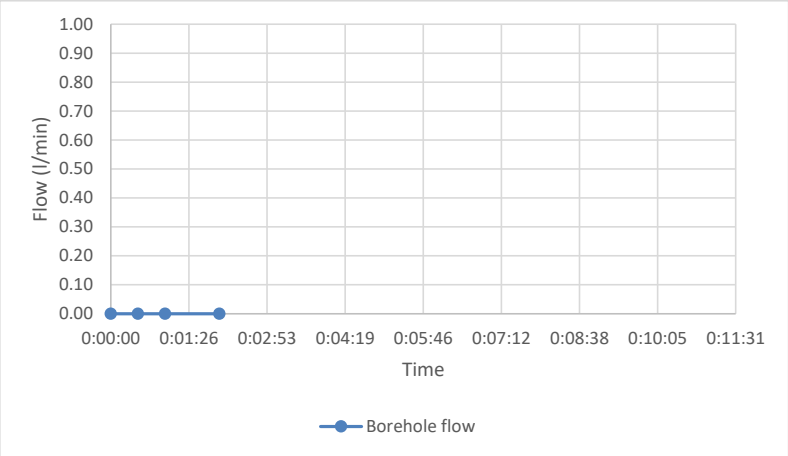
QA/QC Samples

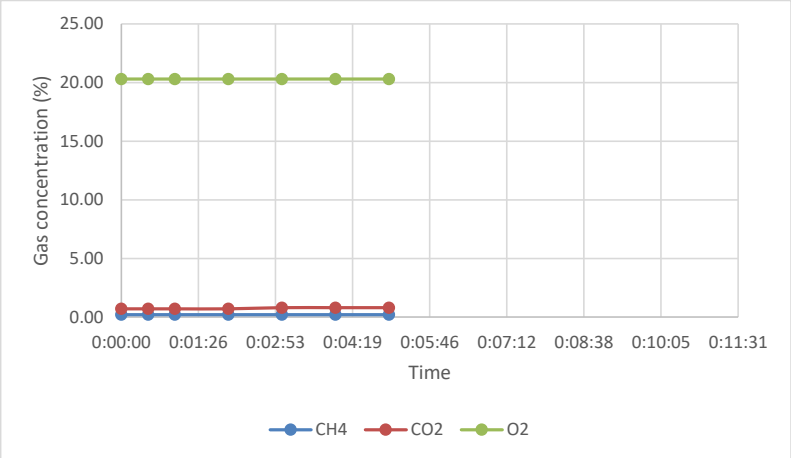
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☐ Triplicate	**Sample ID:**		**Laboratory:**	

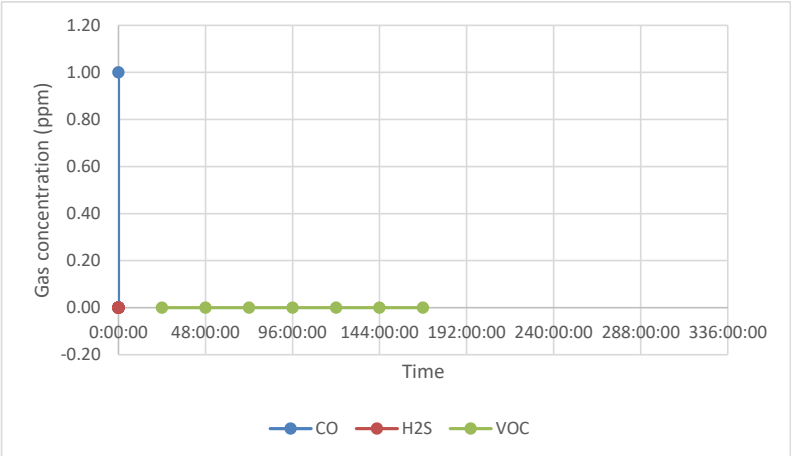
Groundwater Gauging:

Monitoring Data

Monitoring Datum	x	Casing	Ground Level	**Water Level Depth (m bd):**	2.72
Depth to NAPL (m bd):				**Measured Well Depth (m bd):**	2.76
NAPL Thickness (mm):				**Correction for dip tape depth to base (mm):**	


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flow (l/min)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
Borehole flow


25.00
20.00
15.00
10.00
5.00
0.00
Gas concentration (%)
0:00:00
0:01:26
0:02:53
0:04:19
0:05:46
0:07:12
0:08:38
0:10:05
0:11:31
Time
CH4
CO2
O2


1.20
1.00
0.80
0.60
0.40
0.20
0.00
-0.20
Gas concentration (ppm)
0:00:00
48:00:00
96:00:00
144:00:00
192:00:00
240:00:00
288:00:00
336:00:00
Time
CO
H2S
VOC

Ground gas risk assessment

Hydrock

Monitoring round		Borehole details					Pressure and flow					Gas concentrations											GSV		Local conditions
Date	Time	Borehole	Single or dual gas tap	Response zone depth (m)	Depth to water or depth of hole if dry (m)	D denotes dry hole	Atmospheric pressure (hPa)	Atm pressure falling / rising / steady	Relative BH pressure (hPa)	Gas flow* (l/hr)	Gas flow* (absolute value) (l/hr)	VOC (as ppm using PID)	CH_4 (%v/v)		CH_4 (%LEL)		CO_2 (%v/v)		O_2 (%v/v)		Other Gases		Gas Screening Value (CH_4) (l/hr)	Gas Screening Value (CO_2) (l/hr)	Notes on condition of borehole and surrounding ground
													Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady	CO (PPM)	H_2S (PPM)			
							Max. individual values:				**0.7**			**0.2**		**2.0**		**4.5**		**21.0**				**0.001**	**0.013**	**Summary statistics for this monitoring period.**
							Min. individual values:				0.1			0.2		2.0		0.3		16.2				0.000	0.000	
							Worst-case GSVs based on max. individual flow and max. individual conc. over the duration of this table:																**0.0014**	**0.0315**	
08/01/25	AM	WS101	S	1.00 - 2.00	1.99	D	997	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	3.7	3.6	18.1	18.2	<1	<1	0.000	0.004	
08/01/25	AM	WS102	S	1.00 - 3.00	2.93	D	997	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	4.6	4.5	16.0	16.2	<1	<1	0.000	0.005	
08/01/25	AM	WS103	S	1.00 - 3.00	2.19		997	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	1.0	1.0	20.0	20.0	<1	1	0.000	0.001	
08/01/25	AM	WS104	S	1.00 - 3.00	2.43		997	R	-0.2	0.1	0.1	NM	0.1	0.1	2	2	2.2	2.2	19.7	19.0	<1	<1	0.000	0.002	
08/01/25	AM	WS105	S	1.00 - 3.00	2.20		997	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	0.5	0.5	20.4	20.4	<1	1	0.000	0.001	
08/01/25	AM	WS106	S	1.00 - 2.00	2.10	D	997	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	2.9	2.9	17.6	17.6	<1	1	0.000	0.003	
08/01/25	AM	WS107	S	1.00 - 3.00	2.33		997	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	1.2	1.2	19.4	19.4	<1	1	0.000	0.001	
08/01/25	AM	WS108	S	1.00 - 3.00	2.20		997	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	1.3	1.3	19.3	19.3	<1	1	0.000	0.001	
08/01/25	AM	WS109	S	0.90 - 1.90	1.66	D	997	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	1.3	1.3	20.1	20.1	<1	<1	0.000	0.001	
08/01/25	AM	WS112	S	1.00 - 3.00	2.63		997	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	2.8	2.8	17.0	17.0	<1	1	0.000	0.003	
08/01/25	AM	WS113	S	1.00 - 3.00	2.47		997	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	1.0	1.0	19.7	19.7	<1	1	0.000	0.001	
08/01/25	AM	WS114	S	1.00 - 2.00	2.15	D	997	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	2.2	2.2	19.1	19.1	<1	<1	0.000	0.002	
08/01/25	AM	WS115	S	0.70 - 2.70	2.75	D	997	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	1.1	1.1	19.2	19.2	<1	1	0.000	0.001	
13/01/25	AM	WS101	S	1.00 - 2.00	1.99	D	1031	F	0.0	0.1	0.1	NM	0.1	0.1	2	2	3.3	3.2	18.2	18.4	<1	<1	0.000	0.003	
13/01/25	AM	WS102	S	1.00 - 3.00	2.93	D	1031	F	0.0	0.1	0.1	NM	0.1	0.1	2	2	4.2	4.1	16.7	16.8	<1	<1	0.000	0.004	
13/01/25	AM	WS103	S	1.00 - 3.00	2.21		1031	F	0.0	0.1	0.1	NM	0.1	0.1	2	2	0.7	0.7	20.9	20.9	<1	<1	0.000	0.001	
13/01/25	AM	WS104	S	1.00 - 3.00	2.51		1031	F	0.0	0.1	0.1	NM	0.1	0.1	2	2	2.0	2.0	19.6	19.6	<1	<1	0.000	0.002	
13/01/25	AM	WS105	S	1.00 - 3.00	2.24		1031	F	0.0	0.1	0.1	NM	0.1	0.1	2	2	0.4	0.4	20.9	20.9	<1	1	0.000	0.000	
13/01/25	AM	WS106	S	1.00 - 2.00	2.04	D	1031	F	0.0	0.1	0.1	NM	0.1	0.1	2	2	2.4	2.4	18.7	18.7	<1	<1	0.000	0.002	
13/01/25	AM	WS107	S	1.00 - 3.00	2.36		1031	F	0.0	0.1	0.1	NM	0.1	0.1	2	2	1.0	1.0	20.4	20.4	<1	1	0.000	0.001	
13/01/25	AM	WS108	S	1.00 - 3.00	2.26		1031	F	0.0	0.1	0.1	NM	0.1	0.1	2	2	1.1	1.1	20.4	20.4	<1	1	0.000	0.001	
13/01/25	AM	WS109	S	0.90 - 1.90	1.66	D	1031	F	0.0	0.1	0.1	NM	0.1	0.1	2	2	1.1	1.1	20.3	20.3	<1	<1	0.000	0.001	
13/01/25	AM	WS112	S	1.00 - 3.00	2.64		1031	F	0.0	0.1	0.1	NM	0.1	0.1	2	2	2.5	2.5	17.9	17.9	<1	<1	0.000	0.003	
13/01/25	AM	WS113	S	1.00 - 3.00	2.50		1031	F	0.0	0.1	0.1	NM	0.1	0.1	2	2	0.8	0.8	20.7	20.7	<1	<1	0.000	0.001	
13/01/25	AM	WS114	S	1.00 - 2.00	2.15	D	1031	F	0.0	0.1	0.1	NM	0.1	0.1	2	2	2.0	2.0	19.4	19.4	<1	<1	0.000	0.002	
13/01/25	AM	WS115	S	0.70 - 2.70	2.71		1031	F	-1.4	0.1	0.1	NM	0.1	0.1	2	2	1.0	1.0	19.8	19.8	<1	<1	0.000	0.001	

Hydrock

Monitoring round		Borehole details					Pressure and flow					Gas concentrations											GSV		Local conditions
Date	Time	Borehole	Single or dual gas tap	Response zone depth (m)	Depth to water or depth of hole if dry (m)	D denotes dry hole	Atmospheric pressure (hPa)	Atm pressure falling / rising / steady	Relative BH pressure (hPa)	Gas flow* (l/hr)	Gas flow* (absolute value) (l/hr)	VOC (as ppm using PID)	CH_4 (%v/v)		CH_4 (%LEL)		CO_2 (%v/v)		O_2 (%v/v)		Other Gases		Gas Screening Value (CH_4) (l/hr)	Gas Screening Value (CO_2) (l/hr)	Notes on condition of borehole and surrounding ground
													Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady	CO (PPM)	H_2S (PPM)			
22/01/25	AM	WS101	S	1.00 - 2.00		D	1002	F	0.0	0.5	0.5	NM	0.1	0.1	2	2	2.5	2.5	18.8	18.8	<1	<1	0.001	0.013	
22/01/25	AM	WS102	S	1.00 - 3.00		D	1002	F	0.0	0.1	0.1	NM	0.1	0.1	2	2	3.1	3.0	17.4	17.4	<1	<1	0.000	0.003	
22/01/25	AM	WS103	S	1.00 - 3.00	2.23		1002	F	0.0	0.5	0.5	NM	0.1	0.1	2	2	0.6	0.6	20.7	20.7	<1	<1	0.001	0.003	
22/01/25	AM	WS104	S	1.00 - 3.00	2.40		1003	F	0.0	0.5	0.5	NM	0.1	0.1	2	2	1.6	1.6	19.7	19.7	<1	<1	0.001	0.008	
22/01/25	AM	WS105	S	1.00 - 3.00	2.25		1003	F	0.1	0.2	0.2	NM	0.1	0.1	2	2	0.3	0.3	21.0	21.0	<1	1	0.000	0.001	
22/01/25	AM	WS106	S	1.00 - 2.00		D	1002	F	0.0	0.7	0.7	NM	0.1	0.1	2	2	1.7	1.7	19.5	19.5	<1	<1	0.001	0.012	
22/01/25	AM	WS107	S	1.00 - 3.00	2.39		1002	F	-0.1	0.2	0.2	NM	0.1	0.1	2	2	0.7	0.7	20.7	20.7	<1	1	0.000	0.001	
22/01/25	AM	WS108	S	1.00 - 3.00	2.30		1002	F	0.1	0.3	0.3	NM	0.1	0.1	2	2	0.8	0.8	20.7	20.7	<1	1	0.000	0.002	
22/01/25	AM	WS109	S	0.90 - 1.90		D	1002	F	0.1	0.6	0.6	NM	0.1	0.1	2	2	1.5	0.9	20.6	20.6	<1	<1	0.001	0.005	
22/01/25	AM	WS112	S	1.00 - 3.00	2.69		1002	F	0.0	0.1	0.1	NM	0.1	0.1	2	2	2.5	2.4	17.5	17.5	<1	<1	0.000	0.002	
22/01/25	AM	WS113	S	1.00 - 3.00	2.55		1002	F	-0.1	0.5	0.5	NM	0.1	0.1	2	2	0.6	0.6	20.9	20.9	<1	<1	0.001	0.003	
22/01/25	AM	WS114	S	1.00 - 2.00		D	1003	F	0.0	0.5	0.5	NM	0.1	0.1	2	2	1.5	1.5	19.4	19.4	<1	<1	0.001	0.008	
22/01/25	AM	WS115	S	0.70 - 2.70	2.71		1002	F	-0.1	0.3	0.3	NM	0.1	0.1	2	2	0.7	0.7	19.9	19.9	<1	<1	0.000	0.002	
29/01/25	AM	WS101	S	1.00 - 2.00		D	996	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	2.8	2.8	18.7	18.7	<1	<1	0.000	0.003	
29/01/25	AM	WS102	S	1.00 - 3.00		D	996	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	3.0	3.0	16.6	16.6	<1	1	0.000	0.003	
29/01/25	AM	WS103	S	1.00 - 3.00	2.27		996	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	0.6	0.6	20.2	20.2	<1	1	0.000	0.001	
29/01/25	AM	WS104	S	1.00 - 3.00	2.54		996	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	1.7	1.7	20.2	20.2	<1	<1	0.000	0.002	
29/01/25	AM	WS105	S	1.00 - 3.00	2.28		996	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	0.3	0.3	20.7	20.7	<1	1	0.000	0.000	
29/01/25	AM	WS106	S	1.00 - 2.00		D	996	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	1.5	1.5	19.8	19.8	<1	1	0.000	0.002	
29/01/25	AM	WS107	S	1.00 - 3.00	2.40		996	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	0.7	0.7	20.7	20.7	<1	1	0.000	0.001	
29/01/25	AM	WS108	S	1.00 - 3.00	2.31		996	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	0.8	0.8	20.6	20.6	<1	1	0.000	0.001	
29/01/25	AM	WS109	S	0.90 - 1.90		D	996	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	1.0	1.0	20.7	20.7	<1	<1	0.000	0.001	
29/01/25	AM	WS112	S	1.00 - 3.00	2.70		996	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	1.9	1.9	18.8	18.8	<1	<1	0.000	0.002	
29/01/25	AM	WS113	S	1.00 - 3.00	2.56		996	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	0.6	0.6	20.8	20.8	<1	1	0.000	0.001	
29/01/25	AM	WS114	S	1.00 - 2.00		D	996	R	-0.1	0.1	0.1	NM	0.1	0.1	2	2	1.7	1.7	19.6	19.7	<1	<1	0.000	0.002	
29/01/25	AM	WS115	S	0.70 - 2.70	2.72		996	R	0.0	0.1	0.1	NM	0.1	0.1	2	2	0.8	0.8	20.3	20.3	<1	<1	0.000	0.001	

Appendix F Contamination test results and GQRA

GAC derivation

Background

Initially, the Hydrock GAC were derived following the publishing of soil guideline values (SGV), toxicological (TOX) reports and associated publications by the Environment Agency (EA) in 2009 referenced under Science Report SC050021 (EA, 2009a, b, c, d). The Hydrock GAC have then been periodically updated following publication of new information on toxicological, physico-chemical, land use or receptor parameters, namely:

- LQM/CIEH, 2009. LQM/CIEH Generic Assessment Criteria for Human Health Risk Assessment, second edition. Nathanial, C. P., McCaffrey, C., Ashmore, M., Cheng, Y., Gillet, A. G., Ogden, R. C. and Scott, D.
- CL:AIRE, 2010. 'The EIC/AGS/CL:AIRE Soil Generic Assessment Criteria for Human Health Risk Assessment'. Environmental Industries Commission, The Association of Geotechnical and Geoenvironmental Specialists and Contaminated Land: Applications in Real Environment.
- CL:AIRE, 2014. 'Development of Category 4 Screening Levels for Assessment of Land Affected by Contamination', Revision 2, DEFRA research project SP1010. Contaminated Land: Applications in Real Environment.
- LQM/CIEH, 2015. 'The LQM/CIEH S4ULs for Human Health Risk Assessment'. Nathanial, C. P., McCaffrey, C., Gillet, A. G., Ogden, R. C. and Nathanial, J. F.
- CL:AIRE, 2021-2024. 'C4SL Phase 2 Technical Reports'. Contaminated Land: Applications in Real Environment.
- CL:AIRE, 2022. C4SL Phase 2 Technical Report for 1,2-dichloroethane. Contaminated Land: Applications in Real Environment.
- CL:AIRE, 2024. C4SL Phase 2 Technical Reports for cis-1,2-dichloroethene, trans-1,2-dichloroethene and naphthalene. Contaminated Land: Applications in Real Environment.

Land use scenarios

Hydrock has derived generic assessment criteria (GAC) for human health based on the six exposure scenarios defined in CL:AIRE (2014) using generic default assumptions from published guidance. GAC for each exposure scenario have been derived for three soil organic matter (SOM) contents, 1%, 2.5% and 6%.

All GAC have been rounded to two significant figures.

Exposure parameters

The exposure parameters used for the Hydrock GAC are the default parameters stated in SR3, unless updated in CL:AIRE (2014) where the CL:AIRE (2014) values have been adopted.

Approach to consumption rates

Hydrock have adopted the 90th percentile consumption rates from Table 3.4 of CL:AIRE (2014) for all produce types. This is noted to be more conservative than the "top two" approach taken in the derivation of C4SLs.

Approach to plant uptake for GAC omitted in CL:AIRE (2010)

Plant uptake factors were not identified in CL:AIRE (2010) for antimony, barium and molybdenum. Hydrock has sourced the required parameter values from ORNL (1984) in order to derive GAC that are inclusive of the homegrown produce exposure pathway.

Chemical and toxicity parameters

The chemical and toxicity parameters have been adopted based on the following documents:

- IRIS, 2016. 'Toxicological Review of Trimethylbenzenes'. Integrated Risk Information System, National Centre for Environmental Assessment, office of Research and Development, U.S. Environmental Protection Agency.
- LQM/CIEH, 2015.
- ORNL, 1984. 'ORNL-5786. A Review and Analysis of Parameters for Assessing Transport of Environmentally released Radionuclides through Agriculture'. Oak Ridge National Laboratory.
- CL:AIRE, 2010.
- RIVM, 2001. RIVM Report 711701 025 'HCV Re-evaluation of human-toxicological maximum-permissible risk levels'. National Institute of Public Health and the Environment.
- LQM/CIEH, 2009.
- EA, 2009a.

Approach to Cyanide GAC

The Hydrock GAC for free cyanide have been derived based on ingestion of a bolus of contaminated soil. The GAC are derived for acute exposure of a child (0-6 years old) for all land uses except commercial, where the GAC are derived for acute exposure of an adult (16-65 years old). For the purpose of GQRA, the child value may be adopted for all land use scenarios.

For complex cyanide, the GAC have been derived based on chronic exposure, using the default exposure scenarios but excluding the consumption of homegrown produce, soil attached to homegrown produce, indoor vapour and outdoor vapour pathways. The chronic health criteria value (HCV) for complex cyanide is based on the EA (2009a) HCV for free cyanide and the ratio of toxicity between free and complex cyanide proposed by RIVM (2001).

Approach to Phenol GAC

In accordance with the EA Science Report SC050021 / Phenol SGV, a $GAC_{ing/inh}$ has been derived for ingested and inhaled phenol using the CLEA model, with a GAC_{derm} derived for dermal contact using Equation 5.7 within SR3. The lower of the $GAC_{ing/inh}$ and GAC_{derm} has been adopted as the final GAC.

Approach to PCB GAC

GAC for assessing the non-dioxin-like risk from PCBs have been based on the "Dutch 7". As the TDI used by the authors of the Dutch guidance is for the sum of the 7 individual congeners, the TDI has been divided by 7 to create a TDI for each congener. The non-dioxin-like risk from PCBs is therefore assessed using a Hazard Index approach as for total petroleum hydrocarbons (TPH).

Sub-surface soil to indoor air correction factors

Reflecting the approach taken by the Environment Agency in the development of revised SGV in 2009 for BTEX, a sub-surface soil to indoor air correction factor of 10 has been applied for petroleum hydrocarbons in order to account for over-prediction of vapour intrusion into building using the Johnson and Ettinger approach.

The correction factor of 10 has been applied to the following petroleum hydrocarbons (it makes negligible difference to less volatile TPH and PAH compounds):

- TPHCWG fractions, namely aliphatic EC>5-44 and aromatic EC>6-44;
- PAHs (acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene), benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenz(a,h,)anthracene, fluoranthene, fluorene, indeno(1,2,3-c,d)pyrene, naphthalene, phenanthrene, pyrene);
- BTEX;
- Isopropylbenzene;

- Propylbenzene;
- 1,2,4- and 1,3,5-trimethylbenzene; and
- Styrene.

Approach to saturation limits

The CLEA model includes a traffic light colour system to highlight when saturated soil conditions have potentially been exceeded for the vapour pathways during calculation of assessment criteria. The colours represent:

- Green: the assessment criteria do not exceed the saturated soil concentration.
- Amber: the assessment criteria exceed the saturated soil concentration but the contribution of the indoor and outdoor vapour pathway to total exposure is less than 10% and will not significantly affect the assessment criteria.
- Red: the assessment criteria exceed the saturated soil concentration and the contribution of the indoor and outdoor vapour pathway to total exposure is greater than 10% and will significantly affect the assessment criteria.

Hydrock have not applied any further calculations or assessment in relation to saturation limits during GAC derivation, with the CLEA-modelled GAC being presented as the GAC. Consideration of saturation limits is undertaken during the data assessment stage.

References

CL:AIRE, 2010. 'The EIC/AGS/CL:AIRE Soil Generic Assessment Criteria for Human Health Risk Assessment'. Environmental Industries Commission, The Association of Geotechnical and Geoenvironmental Specialists and Contaminated Land: Applications in Real Environment.

CL:AIRE, 2014. 'Development of Category 4 Screening Levels for Assessment of Land Affected by Contamination', Revision 2, DEFRA research project SP1010. Contaminated Land: Applications in Real Environment

CL:AIRE, 2021-2024. C4SL Phase 2 Technical Reports for tetrachloroethene, trichloroethene and vinyl chloride. Contaminated Land: Applications in Real Environment.

CL:AIRE, 2022. C4SL Phase 2 Technical Report for 1,2-dichloroethane. Contaminated Land: Applications in Real Environment.

CL:AIRE, 2024. C4SL Phase 2 Technical Reports for cis-1,2-dichloroethene, trans-1,2-dichloroethene and naphthalene. Contaminated Land: Applications in Real Environment.

EA, 2009a. 'Science Reports SC050021 – SGV and TOX reports for: benzene, toluene, ethylbenzene, xylene, arsenic, nickel, mercury, selenium, cadmium, inorganic cyanide, phenol, dioxins, furans and dioxin-like PCBs'; 'Supplementary information for the derivation of SGV for: benzene, toluene, ethylbenzene, xylene, arsenic, nickel, mercury, selenium, cadmium, inorganic cyanide, phenol, dioxins, furans and dioxin-like PCBs', and 'Contaminants in soil: updated collation of toxicological data and intake values for humans: benzene, toluene, ethylbenzene, xylene, arsenic, nickel, mercury, selenium, cadmium, inorganic cyanide, phenol, dioxins, furans and dioxin-like PCBs'. Environment Agency.

EA, 2009b. 'Science Report – SC050021/SR2. Human health toxicological assessment of contaminants in soil'. Environment Agency.

EA, 2009c. 'Science Report – SC050021/SR3. Updated technical background to the CLEA model'. Environment Agency.

EA, 2009d. 'Science Report – SC050021/SR4. CLEA Software (version 1.05) Handbook'. Environment Agency.

IRIS, 2016. 'Toxicological Review of Trimethylbenzenes'. Integrated Risk Information System, National Centre for Environmental Assessment, office of Research and Development, U.S. Environmental Protection Agency.

LQM/CIEH, 2009. LQM/CIEH Generic Assessment Criteria for Human Health Risk Assessment, second edition. Nathanial, C. P., McCaffrey, C., Ashmore, M., Cheng, Y., Gillet, A. G., Ogden, R. C. and Scott, D.

LQM/CIEH, 2015. 'The LQM/CIEH S4ULs for Human Health Risk Assessment'. Nathanial, C. P., McCaffrey, C., Gillet, A. G., Ogden, R. C. and Nathanial, J. F.

ORNL, 1984. 'ORNL-5786. A Review and Analysis of Parameters for Assessing Transport of Environmentally released Radionuclides through Agriculture'. Oak Ridge National Laboratory.

RIVM, 2001. RIVM Report 711701 025 'HCV Re-evaluation of human-toxicological maximum-permissible risk levels'. National Institute of Public Health and the Environment.

Human health GQRA

Assessment of Chemicals of Potential Concern to Human Health

Risk parameter: Default - Human Health - commercial (6%SOM)
Client: Kier Property Limited
Site: Sharston Industrial Estate
Job no.: 35838
Lab. report no(s).: N/A

Hydrock now Stantec

Data Filters
Zone: All
Strata: MG
Depth Min (m bgl): 0.05
Depth Max (m bgl): 2.8

Dataset mean SOM%: 4.31
Scenario SOM%: 2.5

All values in mg/kg unless otherwise stated

CAS No / P Code	Chemical of Potential Concern	Units	LoD	No. Samples	Min. Value	Max. Value	Mean	Median	Standard Deviation	No. Samples >= GAC & > LoD	Soil Saturation Limit @6% SOM	GAC	GAC Source
-	**Asbestos**												
P1020	Asbestos Identified	text	Y/N	22	-	-	-	-	No. of detects:	4	-	-	-
12172-73-5	Amosite detected	text	Y/N	2	-	-	-	-	-		-	-	-
12001-29-5	Chrysotile detected	text	Y/N	2	-	-	-	-	-		-	-	-
12001-28-4	Crocidolite detected	text	Y/N	1	-	-	-	-	-		-	-	-
P1935	Asbestos Quant. Total	%	0.001	2	0.001	0.001	0.001	0.001	No. > LOD:	2	-	-	-
o	**Hydrock Default Suite - FOC / SOM / pH**										-		
P1085	FOC (dimensionless)	[]	0.001	24	0.001	0.085	0.025	0.015	0.02		-	-	-
-	SOM (calculated)	%	0.1724	23	0.10	14.67	4.31	2.26	4.37		-	-	-
P1334	pH (su)	pH Units	<0.01	24	7.05	11.09	8.64	8.53	0.99		-	-	-
o	**Hydrock Default Suite - Metals & PAH**												
7440-38-2	Arsenic	mg/kg	<0.5	24	0.50	34.20	13.93	12.25	9.03	0	NR	640	C4SL - CL:AIRE 2014
7440-41-7	Beryllium	mg/kg	<0.5	24	0.50	4.00	1.44	1.25	0.90	0	NR	12	Hydrock Derived
7440-42-8	Boron	mg/kg	<0.1	23	0.10	2.60	0.64	0.50	0.55	0	NR	240000	Hydrock Derived
7440-43-9	Cadmium	mg/kg	<0.1	24	0.10	3.00	0.36	0.10	0.60	0	NR	410	C4SL - CL:AIRE 2014
16065-83-1	Chromium (III)	mg/kg	<0.5	24	12.50	67.20	43.69	46.40	15.48	0	NR	8400	Hydrock Derived
7440-50-8	Copper	mg/kg	<1	24	5.00	959.00	83.08	33.00	194.03	0	NR	68000	Hydrock Derived
7439-92-1	Lead	mg/kg	<5	24	5.00	151.00	44.71	33.50	37.06	0	NR	2300	C4SL - CL:AIRE 2014
7439-97-6	Mercury, inorganic	mg/kg	<0.1	24	0.10	4.00	0.33	0.10	0.80	0	NR	5100	Hydrock Derived
7440-02-0	Nickel	mg/kg	<0.7	24	7.30	49.00	20.10	14.50	12.68	0	NR	980	Hydrock Derived
7782-49-2	Selenium	mg/kg	<1	24	1.00	2.00	1.08	1.00	0.28	0	NR	12000	Hydrock Derived
7440-62-2	Vanadium	mg/kg	<1	24	7.00	68.00	32.00	26.50	17.75	0	NR	9000	Hydrock Derived
7440-66-6	Zinc	mg/kg	<5	24	15.00	790.00	122.33	70.00	161.54	0	NR	730000	Hydrock Derived
P1095	Cyanide (free)	mg/kg	<0.5	5	0.50	0.50	0.50	0.50	0.00	0	NR	24	Acute Risk - SoBRA 2020
83-32-9	Acenaphthene	mg/kg	<0.05	24	0.05	15.75	0.73	0.05	3.20	0	336	110000	Hydrock Derived
208-96-8	Acenaphthylene	mg/kg	<0.03	24	0.03	2.43	0.20	0.03	0.54	0	506	110000	Hydrock Derived
120-12-7	Anthracene	mg/kg	<0.04	24	0.04	67.06	2.97	0.04	13.66	0	6.96	540000	Hydrock Derived
56-55-3	Benz(a)anthracene	mg/kg	<0.06	24	0.06	164.19	7.36	0.09	33.43	0	10.27	180	Hydrock Derived
50-32-8	Benzo(a)pyrene	mg/kg	<0.04	24	0.04	156.92	7.10	0.06	31.95	1	5.46	77	C4SL - CL:AIRE 2014
205-99-2	Benzo(b)fluoranthene	mg/kg	<0.05	24	0.05	181.14	8.21	0.08	36.87	1	7.29	45	Hydrock Derived
191-24-2	Benzo(ghi)perylene	mg/kg	<0.04	24	0.04	94.21	4.26	0.04	19.18	0	0.09	4000	Hydrock Derived
207-08-9	Benzo(k)fluoranthene	mg/kg	<0.02	24	0.02	70.44	3.19	0.03	14.34	0	4.12	1200	Hydrock Derived
218-01-9	Chrysene	mg/kg	<0.02	24	0.02	161.08	7.24	0.08	32.80	0	2.64	360	Hydrock Derived
53-70-3	Dibenz(ah)anthracene	mg/kg	<0.04	24	0.04	18.17	0.84	0.04	3.69	1	0.024	3.6	Hydrock Derived
206-44-0	Fluoranthene	mg/kg	<0.03	24	0.03	373.51	16.61	0.12	76.08	0	113	23000	Hydrock Derived
86-73-7	Fluorene	mg/kg	<0.04	24	0.04	18.23	0.82	0.04	3.71	0	183	72000	Hydrock Derived
193-39-5	Indeno(123cd)pyrene	mg/kg	<0.04	24	0.04	100.99	4.56	0.04	20.56	0	0.37	510	Hydrock Derived
91-20-3	Naphthalene	mg/kg	<0.04	24	0.04	2.04	0.15	0.04	0.41	0	432	8400	C4SL - CL:AIRE 2024
85-01-8	Phenanthrene	mg/kg	<0.03	24	0.03	183.36	8.13	0.06	37.35	0	214	23000	Hydrock Derived
129-00-0	Pyrene	mg/kg	<0.03	24	0.03	311.38	13.91	0.11	63.41	0	13.2	55000	Hydrock Derived
P1310	PAH 16 Total	mg/kg	<0.6	24	0.60	1920.90	86.18	0.65	391.14			-	
o	**TPH fractions**												
P1407	TPH ali EC05-EC06	mg/kg	<0.1	24	0.10	0.10	0.10	0.10	0.000	0	1150	12000	Hydrock Derived
P1408	TPH ali >EC06-EC08	mg/kg	<0.1	24	0.10	0.10	0.10	0.10	0.000	0	736	40000	Hydrock Derived
P1409	TPH ali >EC08-EC10	mg/kg	<0.1	24	0.10	0.10	0.10	0.10	0.000	0	451	11000	Hydrock Derived
P1410	TPH ali >EC10-EC12	mg/kg	<0.2	24	0.20	5.10	0.70	0.20	1.42	0	283	47000	Hydrock Derived
P1411	TPH ali >EC12-EC16	mg/kg	<4	24	4.00	25.00	5.42	4.00	4.67	0	142	90000	Hydrock Derived
	TPH ali >EC16-EC21	mg/kg	<7	24	7.00	95.00	11.63	7.00	18.12			-	
	TPH ali >EC21-EC35	mg/kg	<7	24	7.00	614.00	71.83	7.00	156.69			-	
	TPH ali >EC5-EC35	mg/kg	<19	24	19.00	637.00	88.33	19.00	169.70			-	
P1441	TPH aro EC05-EC07	mg/kg	<0.1	24	0.10	0.10	0.10	0.10	0.00	0	4708	86000	Hydrock Derived
P1355	TPH aro >EC07-EC08	mg/kg	<0.1	24	0.10	0.10	0.10	0.10	0.00	0	4357	180000	Hydrock Derived
P1356	TPH aro >EC08-EC10	mg/kg	<0.1	24	0.10	0.10	0.10	0.10	0.00	0	3578	17000	Hydrock Derived
P1357	TPH aro >EC10-EC12	mg/kg	<0.2	24	0.20	9.80	0.60	0.20	1.96	0	2149	34000	Hydrock Derived
P1358	TPH aro >EC12-EC16	mg/kg	<4	24	4.00	180.00	12.04	4.00	35.84	0	1004	38000	Hydrock Derived
P1359	TPH aro >EC16-EC21	mg/kg	<7	24	7.00	2895.00	135.42	7.00	588.00	0	321	28000	Hydrock Derived
P1360	TPH aro >EC21-EC35	mg/kg	<7	24	7.00	4970.00	291.79	7.00	1013.31	0	29	28000	Hydrock Derived
	TPH aro >EC5-EC35	mg/kg	<19	24	19.00	8055.00	438.54	19.00	1634.55			-	
	Total TPH >EC5-EC44	mg/kg	<48	24	38.00	8532.00	525.29	38.00	1737.53			-	
o	**VOCs - BTEX & MTBE**												
71-43-2	Benzene	mg/kg	<3	18					-	0	4708	98	C4SL - CL:AIRE 2014
108-88-3	Toluene	mg/kg	<3	18					-	0	4357	180000	Hydrock Derived
100-41-4	Ethylbenzene	mg/kg	<3	16					-	0	2844	27000	Hydrock Derived
95-47-6	Xylene, o-	mg/kg	<3	16					-	0	2618	33000	Hydrock Derived
	Xylene, p- (or combined m & p)	mg/kg	<5	16					-			-	
1634-04-4	MTBE	mg/kg	<2	15	0.00	0.01	0.00	0.01	0.00	0	62749	22000	Hydrock Derived
o	**VOCs - chloroalkanes & alkanes**												
75-35-4	1,1-Dichloroethene	mg/kg	<3	1					-	0	7944	87	Hydrock Derived
79-01-6	Trichloroethene	mg/kg	<3	3					-	0	7138	3.4	C4SL - CL:AIRE 2021
	Other SVOC Suite Substances which do not have a GAC												
62-53-3	Aniline	mg/kg	<10	2	0.01	0.01	0.01	0.01	0.00			-	
39638-32-9	Bis(2-chloroisopropyl)ether	mg/kg	<50	2	0.05	0.05	0.05	0.05	0.00			-	
91-57-6	2-Methylnaphthalene	mg/kg	<10	1	0.05	0.05	0.05	0.05	-			-	
132-64-9	Dibenzofuran	mg/kg	<10	2	0.05	0.05	0.05	0.05	0.00			-	
101-55-3	Bromophenyl phenyl ether	mg/kg	<100	2	0.10	0.10	0.10	0.10	0.00			-	
86-74-8	Carbazole	mg/kg	<10	2	0.04	0.05	0.04	0.04	0.01			-	
84-65-1	Anthraquinone	mg/kg	<100	2	0.10	0.10	0.10	0.10	0.00			-	

Location	WS114	WS114	WS104	WS104	WS101	WS101	WS101	WS107	WS107	WS115	WS115	WS110A	WS111	WS111	WS103	WS103
Date	17/12/2024	17/12/2024	17/12/2024	17/12/2024	17/12/2024	17/12/2024	17/12/2024	12/12/24	12/12/24	12/12/24	12/12/24	12/12/24	12/12/24	12/12/24	12/12/24	12/12/24
Zone																
Depth (m bgl)	0.3	0.5	0.4	1	0.1	0.3	0.5	0.2	0.5	0.15	0.2	0.4	0.4	0.8	0.4	1.4
Strata	MG	MG	MG	GFG	MG	MG	GFG	MG	GFG	MG	MG	MG	MG	GFG	MG	GFG
Asbestos																
Asbestos Identified	N	-	N	+	N	N	+	N	+	Y	-	Y	N	+	N	+
Amosite detected										Y		Y				
Chrysotile detected										Y						
Crocidolite detected																
Asbestos Quant. Total										0.001		0.001				
Hydrock Default Suite - FOC / SOM / pH																
FOC (dimensionless)	0.03	0.0048	0.0182	+	0.0851	0.027	+	0.0006	+	0.01258	0.024		0.0045	+	0.0078	+
SOM (calculated)		0.82752	3.13768	+	14.67124	4.6548	+	0.10344	+	2.168792	4.1376		0.7758	+	1.34472	+
pH (su)	8.77	8.6	8.77	+	8.09	7.05	+	11.09	+	8.46	8.81		8.67	+	8.06	+
Hydrock Default Suite - Metals & PAH																
Arsenic	22.4	34.2	14.1	+	21.4	19.6	+	0.5	+	16.2	8.1	NA	15.9	+	7.7	+
Beryllium	1.1	0.9	1.7	+	3.1	2.1	+	0.5	+	2.9	1.2	NA	1.3	+	1.2	+
Boron	0.4	0.4	0.8	+	0.2	0.8	+		+	0.2	0.4	0.4	NA	+	0.2	+
Cadmium	0.1	0.1	0.1	+	0.6	0.1	+	0.1	+	3	0.3	NA	0.1	+	0.1	+
Chromium (III)	32.8	36	54.8	+	30.6	55.4	+	57.2	+	55.3	43.1	NA	47.9	+	50.3	+
Copper	27	6	36	+	959	93	+	14	+	255	40	NA	6	+	22	+
Lead	27	10	53	+	94	92	+	<5	+	151	42	NA	10	+	25	+
Mercury, inorganic	0.1	0.1	0.2	+	0.1	0.7	+	0.1	+	0.3	0.1	NA	0.1	+	0.1	+
Nickel	14.3	8.5	25.2	+	40.6	28.2	+	7.5	+	45.5	14.5	NA	12.4	+	14.5	+
Selenium	<1	<1	<1	+	<1	<1	+	<1	+	1	<1	NA	<1	+	2	+
Vanadium	26	23	40	+	54	47	+	7	+	61	27	NA	28	+	25	+
Zinc	145	32	112	+	790	188	+	15	+	390	70	NA	40	+	70	+
Cyanide (free)	<0.5	<0.5	<0.5	+	<0.5	<0.5	+									
Acenaphthene	<0.05	<0.05	0.55	+	15.75	0.12	+	<0.05	+	<0.05	<0.05	NA	<0.05	+	<0.05	+
Acenaphthylene	<0.03	<0.03	1.18	+	2.43	0.07	+	<0.03	+	<0.03	<0.03	NA	<0.03	+	<0.03	+
Anthracene	<0.04	<0.04	2.26	+	67.06	0.34	+	<0.04	+	<0.04	<0.04	NA	<0.04	+	<0.04	+
Benz(a)anthracene	0.09	<0.06	6.5	+	164.19	1.09	+	<0.06	+	0.19	0.1	NA	<0.06	+	0.09	+
Benzo(a)pyrene	0.08	<0.04	6.74	+	156.92	1.16	+	<0.04	+	0.14	<0.04	NA	<0.04	+	0.04	+
Benzo(b)fluoranthene	0.1	<0.05	8.24	+	181.14	1.35	+	<0.05	+	0.22	0.06	NA	<0.05	+	0.07	+
Benzo(ghi)perylene	0.06	<0.04	3.74	+	94.21	0.69	+	<0.04	+	0.12	<0.04	NA	<0.04	+	<0.04	+
Benzo(k)fluoranthene	0.04	<0.02	3.21	+	70.44	0.52	+	<0.02	+	0.08	0.02	NA	<0.02	+	0.03	+
Chrysene	0.08	0.03	6.45	+	161.08	1.26	+	<0.02	+	0.18	0.07	NA	<0.02	+	0.08	+
Dibenz(ah)anthracene	<0.04	<0.04	0.83	+	18.17	0.16	+	<0.04	+	<0.04	<0.04	NA	<0.04	+	<0.04	+
Fluoranthene	0.12	0.05	14.78	+	373.51	2.36	+	<0.03	+	0.24	0.11	NA	<0.03	+	0.11	+
Fluorene	<0.04	<0.04	0.46	+	18.23	0.12	+	<0.04	+	<0.04	<0.04	NA	<0.04	+	<0.04	+
Indeno(123cd)pyrene	0.06	<0.04	4.32	+	100.99	0.69	+	<0.04	+	0.11	<0.04	NA	<0.04	+	<0.04	+
Naphthalene	<0.04	<0.04	0.25	+	2.04	0.07	+	<0.04	+	<0.04	<0.04	NA	<0.04	+	<0.04	+
Phenanthrene	0.07	<0.03	7.11	+	183.36	1.35	+	<0.03	+	<0.03	<0.03	NA	<0.03	+	<0.03	+
Pyrene	0.12	0.03	12.39	+	311.38	2.14	+	<0.03	+	0.22	0.11	NA	<0.03	+	0.11	+
PAH 16 Total	0.8	<0.6	79	+	1920.9	13.5	+	<0.6	+	1.5	<0.6	NA	<0.6	+	<0.6	+
TPH fractions																
TPH ali EC05-EC06	<0.1	<0.1	<0.1	+	<0.1	<0.1	+	<0.1	+	<0.1	<0.1	NA	<0.1	+	<0.1	+
TPH ali >EC06-EC08	0.1	<0.1	<0.1	+	<0.1	<0.1	+	<0.1	+	<0.1	<0.1	NA	<0.1	+	<0.1	+
TPH ali >EC08-EC10	<0.1	<0.1	<0.1	+	<0.1	<0.1	+	<0.1	+	<0.1	<0.1	NA	<0.1	+	<0.1	+
TPH ali >EC10-EC12	<0.2	<0.2	<0.2	+	5.1	<0.2	+	<0.2	+	<0.2	<0.2	NA	<0.2	+	2.7	+
TPH ali >EC12-EC16	<4	<4	<4	+	25	<4	+	<4	+	<4	<4	NA	<4	+	7	+
TPH ali >EC16-EC21	<7	<7	<7	+	95	<7	+	<7	+	<7	<7	NA	<7	+	13	+
TPH ali >EC21-EC35	<7	<7	<7	+	352	20	+	<7	+	51	<7	NA	<7	+	614	+
TPH ali >EC5-EC35	<19	<19	<19	+	477	20	+	<19	+	51	<19	NA	<19	+	637	+
TPH aro EC05-EC07	<0.1	<0.1	<0.1	+	<0.1	<0.1	+	<0.1	+	<0.1	<0.1	NA	<0.1	+	<0.1	+
TPH aro >EC07-EC08	<0.1	<0.1	<0.1	+	<0.1	<0.1	+	<0.1	+	<0.1	<0.1	NA	<0.1	+	<0.1	+
TPH aro >EC08-EC10	<0.1	<0.1	<0.1	+	<0.1	<0.1	+	<0.1	+	<0.1	<0.1	NA	<0.1	+	<0.1	+
TPH aro >EC10-EC12	<0.2	<0.2	<0.2	+	9.8	<0.2	+	<0.2	+	<0.2	<0.2	NA	<0.2	+	<0.2	+
TPH aro >EC12-EC16	<4	<4	<4	+	180	6	+	<4	+	<4	<4	NA	<4	+	10	+
TPH aro >EC16-EC21	<7	<7	20	+	2895	38	+	<7	+	<7	8	NA	<7	+	49	+
TPH aro >EC21-EC35	<7	<7	82	+	4970	123	+	<7	+	87	<7	NA	<7	+	417	+
TPH aro >EC5-EC35	<19	<19	102	+	8055	167	+	<19	+	87	<19	NA	<19	+	476	+
Total TPH >EC5-EC44	<38	<38	102	+	8532	187	+	<38	+	138	<38	NA	<38	+	1113	+
VOCs - BTEX & MTBE																
Benzene	-	-	<0.003	+	-	<0.003	+	<0.005	+	<0.005	<0.005	<0.005	<0.005	+	<0.005	+
Toluene	-	-	<0.003	+	-	<0.003	+	<0.005	+	<0.005	<0.005	<0.005	<0.005	+	<0.005	+
Ethylbenzene	-	-	<0.003	+	-	<0.003	+	<0.005	+	<0.005	<0.005		<0.005	+		+
Xylene, o-	-	-	<0.003	+	-	<0.003	+	<0.005	+	<0.005	<0.005		<0.005	+		+
Xylene, p- (or combined m & p)	-	-	<0.005	+	-	<0.005	+	<0.005	+	<0.005	<0.005		<0.005	+		+
MTBE	-	-	<0.002	+	-	<0.002	+	<0.005	+	<0.005	<0.005	<0.005	<0.005	+	<0.005	+
VOCs - chloroalkanes & alkanes																
1,1-Dichloroethene																
Trichloroethene									+					+		+
Other SVOC Suite Substances which do not have a GAC																
Aniline	-	-	<0.01	+	-	<0.01	+									
Bis(2-chloroisopropyl)ether	-	-	<0.05	+	-	<0.05	+									
2-Methylnaphthalene	-	-	0.049	+	-	-	+									
Dibenzofuran	-	-	0.048	+	-	0.051	+									
Bromophenyl phenyl ether	-	-	<0.1	+	-	<0.1	+									
Carbazole	-	-	0.048	+	-	0.038	+									
Anthraquinone	-	-	<0.1	+	-	<0.1	+									

Location	WS103	CP105	CP105	WS109	WS109	WS102	WS102	WS108	WS108	WS105	WS105	WS106	WS106	CP102	CP102
Date	12/12/24	12/12/24	12/12/24	12/12/24	12/12/24	12/12/24	12/12/24	11/12/24	11/12/24	11/12/24	11/12/24	11/12/24	11/12/24	11/12/24	11/12/24
Zone															
Depth (m bgl)	2.8	0.3	0.5	0.2	0.5	0.3	0.5	0.3	0.7	0.3	0.5	0.2	0.6	0.05	1
Strata	GFG	MG	MG	MG	GFG	MG	GFG	MG	GFG	MG	GFG	MG	GFG	MG	GFG
Asbestos															
Asbestos Identified	+	N	-	N	+	N	+	Y							
Amosite detected															
Chrysotile detected															
Crocidolite detected															
Asbestos Quant. Total															
Hydrock Default Suite - FOC / SOM / pH															
FOC (dimensionless)	+	0.0131	0.0041	0.0111	+	0.0169	+	0.0647	+	0.0423	+	0.0026	+	0.0736	+
SOM (calculated)	+	2.25844	0.70684	1.91364	+	2.91356	+	11.15428	+	7.29252	+	0.44824	+	12.68864	+
pH (su)	+	7.99	7.79	8.07	+	7.07	+	8.31	+	9.71	+	10.65	+	8.63	+
Hydrock Default Suite - Metals & PAH															
Arsenic	+	8.5	6.5	9	+	15.4	+	29.4	+	10.4	+	3	+	8.8	+
Beryllium	+	1	0.9	0.9	+	1.5	+	4	+	1.3	+	0.5	+	1.3	+
Boron	+	0.2	0.5	0.2	+	0.6	+	2.6	+	1.2	+	0.5	+	0.1	+
Cadmium	+	0.4	0.1	0.6	+	0.1	+	0.1	+	0.3	+	0.5	+	0.6	+
Chromium (III)	+	44.9	40	30.6	+	59.4	+	40.9	+	12.5	+	20.7	+	19.6	+
Copper	+	33	5	25	+	37	+	133	+	34	+	12	+	55	+
Lead	+	47	13	37	+	61	+	46	+	16	+	18	+	30	+
Mercury, inorganic	+	<0.1	<0.1	<0.1	+	0.3	+	0.1	+	<0.1	+	<0.1	+	<0.1	+
Nickel	+	14.2	7.4	13.2	+	20.3	+	49	+	14.5	+	8.5	+	18.7	+
Selenium	+	<1	1	1	+	<1	+	<1	+	<1	+	<1	+	1	+
Vanadium	+	24	20	18	+	37	+	68	+	18	+	11	+	38	+
Zinc	+	70	39	104	+	96	+	69	+	99	+	46	+	61	+
Cyanide (free)															
Acenaphthene	+	<0.05	<0.05	<0.05	+	<0.05	+	<0.05	+	<0.05	+	<0.05	+	0.08	+
Acenaphthylene	+	<0.03	<0.03	<0.03	+	<0.03	+	<0.03	+	<0.03	+	<0.03	+	0.47	+
Anthracene	+	0.05	<0.04	0.09	+	0.09	+	<0.04	+	<0.04	+	<0.04	+	0.34	+
Benz(a)anthracene	+	0.21	<0.06	0.37	+	0.38	+	0.1	+	<0.06	+	<0.06	+	0.67	+
Benzo(a)pyrene	+	0.16	<0.04	0.28	+	0.34	+	0.08	+	<0.04	+	<0.04	+	1.1	+
Benzo(b)fluoranthene	+	0.21	<0.05	0.41	+	0.42	+	0.11	+	<0.05	+	<0.05	+	1.22	+
Benzo(ghi)perylene	+	0.11	<0.04	0.19	+	0.2	+	0.06	+	<0.04	+	<0.04	+	0.96	+
Benzo(k)fluoranthene	+	0.08	<0.02	0.16	+	0.16	+	0.04	+	<0.02	+	<0.02	+	0.47	+
Chrysene	+	0.23	<0.02	0.36	+	0.47	+	0.1	+	<0.02	+	<0.02	+	0.76	+
Dibenz(ah)anthracene	+	<0.04	<0.04	<0.04	+	<0.04	+	<0.04	+	<0.04	+	<0.04	+	0.16	+
Fluoranthene	+	0.32	<0.03	0.62	+	0.71	+	0.16	+	0.04	+	0.04	+	1.53	+
Fluorene	+	<0.04	<0.04	<0.04	+	<0.04	+	<0.04	+	<0.04	+	<0.04	+	0.06	+
Indeno(123cd)pyrene	+	0.09	<0.04	0.16	+	0.16	+	0.05	+	<0.04	+	<0.04	+	0.84	+
Naphthalene	+	<0.04	<0.04	<0.04	+	<0.04	+	<0.04	+	0.08	+	<0.04	+	0.27	+
Phenanthrene	+	0.17	<0.03	0.31	+	0.43	+	0.1	+	0.05	+	<0.03	+	0.88	+
Pyrene	+	0.32	<0.03	0.62	+	0.7	+	0.15	+	0.03	+	0.04	+	1.55	+
PAH 16 Total	+	2	<0.6	3.6	+	4.1	+	1	+	<0.6	+	<0.6	+	11.4	+
TPH fractions															
TPH ali EC05-EC06	+	<0.1	<0.1	<0.1	+	<0.1	+	<0.1	+	<0.1	+	<0.1	+	<0.1	+
TPH ali >EC06-EC08	+	<0.1	<0.1	<0.1	+	<0.1	+	<0.1	+	0.1	+	<0.1	+	<0.1	+
TPH ali >EC08-EC10	+	<0.1	<0.1	0.1	+	<0.1	+	<0.1	+	<0.1	+	<0.1	+	<0.1	+
TPH ali >EC10-EC12	+	<0.2	<0.2	<0.2	+	<0.2	+	<0.2	+	<0.2	+	<0.2	+	4.9	+
TPH ali >EC12-EC16	+	<4	<4	<4	+	<4	+	<4	+	<4	+	<4	+	14	+
TPH ali >EC16-EC21	+	<7	<7	24	+	<7	+	<7	+	<7	+	<7	+	<7	+
TPH ali >EC21-EC35	+	<7	<7	148	+	<7	+	<7	+	<7	+	<7	+	402	+
TPH ali >EC5-EC35	+	<19	<19	172	+	<19	+	<19	+	<19	+	<19	+	421	+
TPH aro EC05-EC07	+	<0.1	<0.1	<0.1	+	<0.1	+	<0.1	+	<0.1	+	<0.1	+	<0.1	+
TPH aro >EC07-EC08	+	<0.1	<0.1	<0.1	+	<0.1	+	<0.1	+	<0.1	+	<0.1	+	<0.1	+
TPH aro >EC08-EC10	+	<0.1	<0.1	<0.1	+	<0.1	+	<0.1	+	<0.1	+	<0.1	+	<0.1	+
TPH aro >EC10-EC12	+	<0.2	<0.2	<0.2	+	<0.2	+	<0.2	+	<0.2	+	<0.2	+	<0.2	+
TPH aro >EC12-EC16	+	<4	<4	<4	+	<4	+	<4	+	<4	+	<4	+	13	+
TPH aro >EC16-EC21	+	9	<7	22	+	<7	+	<7	+	<7	+	<7	+	58	+
TPH aro >EC21-EC35	+	<7	<7	178	+	19	+	<7	+	<7	+	<7	+	829	+
TPH aro >EC5-EC35	+	<19	<19	200	+	19	+	<19	+	<19	+	<19	+	900	+
Total TPH >EC5-EC44	+	<38	<38	372	+	<38	+	<38	+	<38	+	<38	+	1321	+
VOCs - BTEX & MTBE															
Benzene	+	<0.005	<0.005	<0.005	+	<0.005	+	<0.003	+	<0.003	+	-	+	0.006	+
Toluene	+	<0.005	<0.005	<0.005	+	<0.005	+	0.009	+	0.005	+	-	+	0.018	+
Ethylbenzene	+	<0.005	<0.005	0.022	+	<0.005	+	<0.003	+	<0.003	+	-	+	0.005	+
Xylene, o-	+	<0.005	<0.005	0.009	+	<0.005	+	<0.003	+	<0.003	+	-	+	<0.003	+
Xylene, p- (or combined m & p)	+	<0.005	<0.005	0.02	+	<0.005	+	<0.005	+	<0.005	+	-	+	0.023	+
MTBE	+	<0.005	<0.005	<0.005	+	<0.005	+	<0.002	+	<0.002	+	-	+	<0.002	+
VOCs - chloroalkanes & alkanes															
1,1-Dichloroethene															
Trichloroethene	+	0.281			+		+		+	0.185	+	<0.003			
Other SVOC Suite Substances which do not have a GAC															
Aniline															
Bis(2-chloroisopropyl)ether															
2-Methylnaphthalene															
Dibenzofuran															
Bromophenyl phenyl ether															
Carbazole															
Anthraquinone															

TPH Additivity Check

HAZARD QUOTIENTS FOR EACH FRACTION

	Fraction	WS114 0.3	WS114 0.5	WS104 0.4	WS101 0.1	WS101 0.3	WS107 0.2	WS115 0.15	WS115 0.2	WS111 0.4	WS103 0.4	CP105 0.3	CP105 0.5	WS109 0.2	WS102 0.3	WS108 0.3	WS105 0.3	WS106 0.2	CP102 0.05
	Aliphatics >EC5-EC6	8.33333E-06	8.33333E-06	8.33333E-06	8.33333E-06	8.33333E-06	8.33333E-06	8.33333E-06	8.33333E-06	8.33333E-06	8.33333E-06	8.33333E-06	8.33333E-06	8.33333E-06	8.33333E-06	8.33333E-06	8.33333E-06	8.33333E-06	8.33333E-06
	Aliphatics >EC6-EC8	0.0000025	0.0000025	0.0000025	0.0000025	0.0000025	0.0000025	0.0000025	0.0000025	0.0000025	0.0000025	0.0000025	0.0000025	0.0000025	0.0000025	0.0000025	0.0000025	0.0000025	0.0000025
Considered additive	Aliphatics >EC8-EC10	9.09091E-06	9.09091E-06	9.09091E-06	9.09091E-06	9.09091E-06	9.09091E-06	9.09091E-06	9.09091E-06	9.09091E-06	9.09091E-06	9.09091E-06	9.09091E-06	9.09091E-06	9.09091E-06	9.09091E-06	9.09091E-06	9.09091E-06	9.09091E-06
Considered additive	Aliphatics >EC10-EC12	4.25532E-06	4.25532E-06	4.25532E-06	0.000108511	4.25532E-06	4.25532E-06	4.25532E-06	4.25532E-06	4.25532E-06	5.74468E-05	4.25532E-06	4.25532E-06	4.25532E-06	4.25532E-06	4.25532E-06	4.25532E-06	4.25532E-06	0.000104255
Considered additive	Aliphatics >EC12-EC16	4.44444E-05	4.44444E-05	4.44444E-05	0.000277778	4.44444E-05	4.44444E-05	4.44444E-05	4.44444E-05	4.44444E-05	7.77778E-05	4.44444E-05	4.44444E-05	4.44444E-05	4.44444E-05	4.44444E-05	4.44444E-05	4.44444E-05	0.000155556
	Aliphatics >EC16-EC35																		
	Aliphatics >EC35-EC44																		
	Aromatics EC5-EC7	1.16279E-06	1.16279E-06	1.16279E-06	1.16279E-06	1.16279E-06	1.16279E-06	1.16279E-06	1.16279E-06	1.16279E-06	1.16279E-06	1.16279E-06	1.16279E-06	1.16279E-06	1.16279E-06	1.16279E-06	1.16279E-06	1.16279E-06	1.16279E-06
	Aromatics >EC7-EC8	5.55556E-07	5.55556E-07	5.55556E-07	5.55556E-07	5.55556E-07	5.55556E-07	5.55556E-07	5.55556E-07	5.55556E-07	5.55556E-07	5.55556E-07	5.55556E-07	5.55556E-07	5.55556E-07	5.55556E-07	5.55556E-07	5.55556E-07	5.55556E-07
Considered additive	Aromatics >EC8-EC10	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06
Considered additive	Aromatics >EC10-EC12	5.88235E-06	5.88235E-06	5.88235E-06	0.000288235	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06
Considered additive	Aromatics >EC12-EC16	0.000105263	0.000105263	0.000105263	0.004736842	0.000157895	0.000105263	0.000105263	0.000105263	0.000105263	0.000263158	0.000105263	0.000105263	0.000105263	0.000105263	0.000105263	0.000105263	0.000105263	0.000342105
Considered additive	Aromatics >EC16-EC21	0.00025	0.00025	0.000714286	0.103392857	0.001357143	0.00025	0.00025	0.000285714	0.00025	0.00175	0.000321429	0.00025	0.000785714	0.00025	0.00025	0.00025	0.00025	0.002071429
Considered additive	Aromatics >EC21-EC35	0.00025	0.00025	0.002928571	0.1775	0.004392857	0.00025	0.003107143	0.00025	0.00025	0.014892857	0.00025	0.00025	0.006357143	0.000678571	0.00025	0.00025	0.00025	0.029607143
	Aromatics >EC35-EC44																		
Hazard Index HI or HQ greater than 1 highlighted with orange shading	**Hazard Index for ali>C8-C16**	**5.77907E-05**	**5.77907E-05**	**5.77907E-05**	**0.000395379**	**5.77907E-05**	**5.77907E-05**	**5.77907E-05**	**5.77907E-05**	**5.77907E-05**	**0.000144315**	**5.77907E-05**	**5.77907E-05**	**5.77907E-05**	**5.77907E-05**	**5.77907E-05**	**5.77907E-05**	**5.77907E-05**	**0.000268902**
	Hazard Index for aro>C8-C16	**0.000117028**	**0.000117028**	**0.000117028**	**0.00503096**	**0.000169659**	**0.000117028**	**0.000117028**	**0.000117028**	**0.000117028**	**0.000274923**	**0.000117028**	**0.000117028**	**0.000117028**	**0.000117028**	**0.000117028**	**0.000117028**	**0.000117028**	**0.00035387**
	Hazard Index for aro>C16-C35	**0.0005**	**0.0005**	**0.003642857**	**0.280892857**	**0.00575**	**0.0005**	**0.003357143**	**0.000535714**	**0.0005**	**0.016642857**	**0.000571429**	**0.0005**	**0.007142857**	**0.000928571**	**0.0005**	**0.0005**	**0.0005**	**0.031678571**

Legend:

MG	Made Ground	<0.02	Value below the laboratory reporting limit and are considered as being at the detection limit for the purposes of statistical analysis, as a conservative estimate.
GFG	Glacofluvial Sheet Deposits (Granul	0.02	Value greater than, or equal to, the generic assessment criterion (GAC).
GFC	Glacofluvial Sheet Deposits (Cohesi	64.00	Value exceed saturation limit and substance is liquid or solid at ambient temperature
		Y	Text result
		-	Represents a determinand that was not tested.
		+	represents a data point that is not included in the current filter settings

Template Version:
1.13: 22/10/24

Assessment of Chemicals of Potential Concern to Human Health

Risk parameter: Default - Human Health - commercial (2.5%SOM)
Client: Kier Property Limited
Site: Sharston Industrial Estate
Job no.: 35838
Lab. report no(s).: N/A

Data Filters
Zone: All
Strata: GFSD
Depth Min (m bgl): 0.05
Depth Max (m bgl): 2.8

Dataset mean SOM%: 1.07
Scenario SOM%: 2.5

Hydrock now Stantec

All values in mg/kg unless otherwise stated

CAS No / P Code	Chemical of Potential Concern	Units	LoD	No. Samples	Min. Value	Max. Value	Mean	Median	Standard Deviation	No. Samples >= GAC & > LoD	Soil Saturation Limit @2.5% SOM	GAC	GAC Source	Strata	Date	17/12/2024	17/12/2024	12/12/24	12/12/24	12/12/24	12/12/24	12/12/24	12/12/24	11/12/24	11/12/24	11/12/24	11/12/24	10/12/24	09/12/24	09/12/24
															Zone															
															Location	WS104	WS101	WS107	WS111	WS103	WS103	WS109	WS102	WS108	WS105	WS106	CP102	WS113	WS112	CP103
															Depth (m bgl)	1	0.5	0.5	0.8	1.4	2.8	0.5	0.5	0.7	0.5	0.6	1	1.5	0.7	0.5
-	**Asbestos**																													
P1020	Asbestos Identified	text	Y/N	42	-	-	-	-	No. of detects:	0	-	-	-		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
12172-73-5	Amosite detected	text	Y/N	2	-	-	-	-	-		-	-	-																
12001-29-5	Chrysotile detected	text	Y/N	2	-	-	-	-	-		-	-	-																
12001-28-4	Crocidolite detected	text	Y/N	1	-	-	-	-	-		-	-	-																
0	**Hydrock Default Suite - FOC / SOM / pH**										-																		
P1085	FOC (dimensionless)	||	0.001	15	0.001	0.031	0.006	0.005	0.01		-	-	-		0.0052	0.0101	0.0013	0.0313	0.0007	0.0013	0.0051	0.0071	0.0024	0.0057	0.0025	0.0038	0.0022	0.0081	0.0063
-	SOM (calculated)	%	0.1724	15	0.12	5.40	1.07	0.88	1.29		-	-	-		0.89648	1.74124	0.22412	5.39612	0.12068	0.22412	0.87924	1.22404	0.41376	0.98268	0.431	0.65512	0.37928	1.39644	1.08612
P1334	pH (su)	pH Units	<0.01	15	5.98	8.60	7.68	7.91	0.81		-	-	-		8.6	8.51	7.91	8.4	6.43	8.44	6.85	5.98	8.01	7.81	6.91	8.4	7.97	7.43	7.57
0	**Hydrock Default Suite - Metals & PAH**																												
7440-38-2	Arsenic	mg/kg	<0.5	15	1.70	23.40	9.45	8.90	6.75	0	NR	640	C4SL - CL:AIRE 2014		12.1	13.1	3.8	7.6	3.5	2.2	23.4	9.5	1.7	4.1	4.4	8.9	9.3	19.1	19
7440-41-7	Beryllium	mg/kg	<0.5	15	0.50	2.50	1.18	0.90	0.67	0	NR	12	Hydrock Derived		2	2.5	0.6	0.8	0.5	0.5	1.9	2.3	0.8	1	0.8	0.9	0.6	1.2	1.3
7440-42-8	Boron	mg/kg	<0.1	15	0.10	1.00	0.39	0.30	0.25	0	NR	240000	Hydrock Derived		0.3	0.6	0.2	0.3	0.6	0.2	0.7	1	0.1	0.3	0.2	0.2	0.2	0.4	0.6
7440-43-9	Cadmium	mg/kg	<0.1	15	0.10	2.50	0.26	0.10	0.62	0	NR	410	C4SL - CL:AIRE 2014		0.1	0.1	0.1	2.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
16065-83-1	Chromium (III)	mg/kg	<0.5	15	20.00	59.70	42.84	49.50	14.79	0	NR	8400	Hydrock Derived		49.5	58.5	52.1	21.5	50.9	44.3	53.6	59.7	23.4	23.3	29.5	20	57.1	47.1	52.1
7440-50-8	Copper	mg/kg	<1	15	5.00	51.00	12.73	8.00	11.77	0	NR	68000	Hydrock Derived		9	51	7	24	15	6	5	11	17	6	7	8	8	11	6
7439-92-1	Lead	mg/kg	<5	15	5.00	68.00	15.00	11.00	15.60	0	NR	2300	C4SL - CL:AIRE 2014		13	25	7	68	<5	6	11	15	7	12	9	9	7	19	12
7439-97-6	Mercury, inorganic	mg/kg	<0.1	15	0.10	0.20	0.11	0.10	0.03	0	NR	5100	Hydrock Derived		0.1	0.1	0.1	<0.1	<0.1	0.1	0.2	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1
7440-02-0	Nickel	mg/kg	<0.7	15	7.20	29.60	17.15	15.20	7.85	0	NR	980	Hydrock Derived		28.9	28.3	9.1	23	7.2	10.2	16.4	25.8	15.2	10.8	10.9	11.5	14.3	16.1	29.6
7782-49-2	Selenium	mg/kg	<1	15	1.00	3.00	1.27	1.00	0.59	0	NR	12000	Hydrock Derived		1	<1	<1	<1	<1	<1	1	2	<1	1	<1	2	<1	<1	3
7440-62-2	Vanadium	mg/kg	<1	15	11.00	53.00	27.60	23.00	12.86	0	NR	9000	Hydrock Derived		39	53	17	19	11	14	34	44	20	22	23	23	19	29	47
7440-66-6	Zinc	mg/kg	<5	15	22.00	173.00	73.40	49.00	55.19	0	NR	730000	Hydrock Derived		109	173	22	73	25	27	68	135	31	126	33	33	25	49	172
P1095	Cyanide (free)	mg/kg	<0.5	2	0.50	0.50	0.50	0.50	0.00	0	NR	24	Acute Risk - SoBRA 2020		<0.5	<0.5													
83-32-9	Acenaphthene	mg/kg	<0.05	15	0.05	0.05	0.05	0.05	0.00	0	141	110000	Hydrock Derived		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
208-96-8	Acenaphthylene	mg/kg	<0.03	15	0.03	0.05	0.03	0.03	0.01	0	212	110000	Hydrock Derived		<0.03	<0.03	<0.03	0.05	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
120-12-7	Anthracene	mg/kg	<0.04	15	0.04	0.16	0.05	0.04	0.03	0	2.91	540000	Hydrock Derived		<0.04	0.1	<0.04	0.16	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
56-55-3	Benz(a)anthracene	mg/kg	<0.06	15	0.06	0.84	0.15	0.06	0.24	0	4.28	180	Hydrock Derived		<0.06	0.62	<0.06	0.84	<0.06	<0.06	<0.06	0.08	<0.06	<0.06	<0.06	<0.06	<0.06	0.12	<0.06
50-32-8	Benzo(a)pyrene	mg/kg	<0.04	15	0.04	0.87	0.14	0.04	0.26	0	2.28	77	C4SL - CL:AIRE 2014		<0.04	0.65	<0.04	0.87	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.09	<0.04
205-99-2	Benzo(b)fluoranthene	mg/kg	<0.05	15	0.05	1.06	0.17	0.05	0.31	0	3.04	45	Hydrock Derived		<0.05	0.75	<0.05	1.06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.12	<0.05
191-24-2	Benzo(ghi)perylene	mg/kg	<0.04	15	0.04	0.52	0.10	0.04	0.15	0	0.04	3900	Hydrock Derived		<0.04	0.38	<0.04	0.52	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.07	<0.04
207-08-9	Benzo(k)fluoranthene	mg/kg	<0.02	15	0.02	0.41	0.07	0.02	0.12	0	1.72	1200	Hydrock Derived		<0.02	0.29	<0.02	0.41	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.04	<0.02
218-01-9	Chrysene	mg/kg	<0.02	15	0.02	0.97	0.14	0.02	0.28	0	1.10	350	Hydrock Derived		<0.02	0.67	<0.02	0.97	<0.02	<0.02	<0.02	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	0.12	<0.02
53-70-3	Dibenz(ah)anthracene	mg/kg	<0.04	15	0.04	0.11	0.05	0.04	0.02	0	0.010	3.6	Hydrock Derived		<0.04	0.09	<0.04	0.11	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
206-44-0	Fluoranthene	mg/kg	<0.03	15	0.03	1.60	0.22	0.03	0.47	0	47	23000	Hydrock Derived		<0.03	1.07	<0.03	1.6	<0.03	<0.03	<0.03	0.1	<0.03	<0.03	<0.03	<0.03	<0.03	0.16	<0.03
86-73-7	Fluorene	mg/kg	<0.04	15	0.04	0.04	0.04	0.04	0.00	0	77	72000	Hydrock Derived		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
193-39-5	Indeno(123cd)pyrene	mg/kg	<0.04	15	0.04	0.47	0.09	0.04	0.14	0	0.15	510	Hydrock Derived		<0.04	0.39	<0.04	0.47	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.06	<0.04
91-20-3	Naphthalene	mg/kg	<0.04	15	0.04	0.16	0.05	0.04	0.03	0	183	3700	C4SL - CL:AIRE 2024		<0.04	<0.04	<0.04	0.16	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
85-01-8	Phenanthrene	mg/kg	<0.03	15	0.03	0.66	0.10	0.03	0.17	0	90	23000	Hydrock Derived		<0.03	0.32	<0.03	0.66	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	0.09	<0.03
129-00-0	Pyrene	mg/kg	<0.03	15	0.03	1.43	0.20	0.03	0.42	0	5.5	55000	Hydrock Derived		<0.03	0.99	<0.03	1.43	<0.03	<0.03	<0.03	0.12	<0.03	<0.03	<0.03	<0.03	<0.03	0.16	<0.03
P1310	PAH 16 Total	mg/kg	<0.6	15	0.60	9.30	1.59	0.60	2.59			-			<0.6	6.3	<0.6	9.3	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	1	<0.6
0	**TPH fractions**																												
P1407	TPH ali EC05-EC06	mg/kg	<0.1	15	0.10	0.10	0.10	0.10	0.000	0	558	5900	Hydrock Derived		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
P1408	TPH ali >EC06-EC08	mg/kg	<0.1	15	0.10	0.30	0.11	0.10	0.052	0	322	17000	Hydrock Derived		<0.1	<0.1	<0.1	0.3	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1
P1409	TPH ali >EC08-EC10	mg/kg	<0.1	15	0.10	0.10	0.10	0.10	0.000	0	190	4800	Hydrock Derived		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
P1410	TPH ali >EC10-EC12	mg/kg	<0.2	15	0.20	0.20	0.20	0.20	0.00	0	118	23000	Hydrock Derived		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
P1411	TPH ali >EC12-EC16	mg/kg	<4	15	4.00	4.00	4.00	4.00	0.00	0	59	82000	Hydrock Derived		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
	TPH ali >EC16-EC21	mg/kg	<7	15	7.00	7.00	7.00	7.00	0.00			-			<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7
	TPH ali >EC21-EC35	mg/kg	<7	15	7.00	7.00	7.00	7.00	0.00			-			<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7
	TPH ali >EC5-EC35	mg/kg	<19	15	19.00	19.00	19.00	19.00	0.00			-			<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19
P1441	TPH aro EC05-EC07	mg/kg	<0.1	15	0.10	0.10	0.10	0.10	0.00	0	2265	46000	Hydrock Derived		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
P1355	TPH aro >EC07-EC08	mg/kg	<0.1	15	0.10	0.10	0.10	0.10	0.00	0	1916	110000	Hydrock Derived		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
P1356	TPH aro >EC08-EC10	mg/kg	<0.1	15	0.10	0.10	0.10	0.10	0.00	0	1503	8100	Hydrock Derived		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
P1357	TPH aro >EC10-EC12	mg/kg	<0.2	15	0.20	0.20	0.20	0.20	0.00	0	899	28000	Hydrock Derived		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
P1358	TPH aro >EC12-EC16	mg/kg	<4	15	4.00	4.00	4.00	4.00	0.00	0	419	37000	Hydrock Derived		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
P1359	TPH aro >EC16-EC21	mg/kg	<7	15	7.00	31.00	8.60	7.00	6.20	0	134	28000	Hydrock Derived		<7	<7	<7	31	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7
P1360	TPH aro >EC21-EC35	mg/kg	<7	15	7.00	124.00	18.47	7.00	32.45	0	12	28000	Hydrock Derived		<7	62	<7	124	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7

Assessment of Chemicals of Potential Concern to Human Health

Risk parameter:	Default - Human Health - commercial (2.5%SOM)
Client:	Kier Property Limited
Site:	Sharston Industrial Estate
Job no.:	35838
Lab. report no(s).:	N/A

Data Filters

Zone	All
Strata	GFSD
Depth Min (m bgl)	0.05
Depth Max (m bgl)	2.8
Dataset mean SOM%	1.07
Scenario SOM%	2.5

Hydrock now Stantec

All values in mg/kg unless otherwise stated

CAS No / P Code	Chemical of Potential Concern	Units	LoD	No. Samples	Min. Value	Max. Value	Mean	Median	Standard Deviation	No. Samples >= GAC & > LoD	Soil Saturation Limit @2.5% SOM	GAC	GAC Source	Strata	WS104	WS101	WS107	WS111	WS103	WS103	WS109	WS102	WS108	WS105	WS106	CP102	WS113	WS112	CP103
	Date														17/12/2024	17/12/2024	12/12/24	12/12/24	12/12/24	12/12/24	12/12/24	12/12/24	11/12/24	11/12/24	11/12/24	11/12/24	10/12/24	09/12/24	09/12/24
	Zone																												
	Location														WS104	WS101	WS107	WS111	WS103	WS103	WS109	WS102	WS108	WS105	WS106	CP102	WS113	WS112	CP103
	Depth (m bgl)														1	0.5	0.5	0.8	1.4	2.8	0.5	0.5	0.7	0.5	0.6	1	1.5	0.7	0.5
	TPH aro >EC5-EC35	mg/kg	<19	15	19.00	155.00	30.93	19.00	36.06			-			<19	62	<19	155	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19
	Total TPH >EC5-EC44	mg/kg	<48	15	38.00	155.00	47.40	38.00	30.40			-			<38	62	<38	155	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38
o	**VOCs - BTEX & MTBE**																												
71-43-2	Benzene	mg/kg	<3	9	0.00	0.01	0.00	0.01	0.00	0	2265	50	C4SL - CL:AIRE 2014		<0.003	<0.003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005				<0.003			
108-88-3	Toluene	mg/kg	<3	9	0.00	0.01	0.00	0.01	0.00	0	1916	110000	Hydrock Derived		<0.003	<0.003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005				<0.003			
100-41-4	Ethylbenzene	mg/kg	<3	7	0.00	0.01	0.00	0.01	0.00	0	1216	13000	Hydrock Derived		<0.003	<0.003	<0.005	<0.005			<0.005	<0.005				<0.003			
95-47-6	Xylene, o-	mg/kg	<3	7	0.00	0.01	0.00	0.01	0.00	0	1120	15000	Hydrock Derived		<0.003	<0.003	<0.005	<0.005			<0.005	<0.005				<0.003			
	Xylene, p- (or combined m & p)	mg/kg	<5	7	0.01	0.01	0.01	0.01	0.00			-			<0.005	<0.005	<0.005	<0.005			<0.005	<0.005				<0.005			
1634-04-4	MTBE	mg/kg	<2	9	0.00	0.01	0.00	0.01	0.00	0	33075	12000	Hydrock Derived		<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005				<0.002			
o	**VOCs - chloroalkanes & alkanes**																												
79-01-6	Trichloroethene	mg/kg	<3	5	0.00	0.03	0.02	0.02	0.01	0	3216	1.5	C4SL - CL:AIRE 2021						0.017	0.003			0.032	<0.003			0.02		
	Other SVOC Suite Substances which do not have a GAC																												
62-53-3	Aniline	mg/kg	<10	2	0.01	0.01	0.01	0.01	0.00			-			<0.01	<0.01													
39638-32-9	Bis(2-chloroisopropyl)ether	mg/kg	<50	2	0.05	0.05	0.05	0.05	0.00			-			<0.05	<0.05													
91-57-6	2-Methylnaphthalene	mg/kg	<10	2	0.01	0.04	0.03	0.03	0.02			-			<0.01	0.044													
132-64-9	Dibenzofuran	mg/kg	<10	2	0.01	0.05	0.03	0.03	0.03			-			<0.01	0.046													
101-55-3	Bromophenyl phenyl ether	mg/kg	<100	2	0.10	0.10	0.10	0.10	0.00			-			<0.1	<0.1													
86-74-8	Carbazole	mg/kg	<10	2	0.01	0.10	0.05	0.05	0.06			-			<0.01	0.099													
84-65-1	Anthraquinone	mg/kg	<100	2	0.10	0.10	0.10	0.10	0.00			-			<0.1	<0.1													
	TPH Additivity Check						**HAZARD QUOTIENTS FOR EACH FRACTION**																						
														Aliphatics >EC5-EC6	1.69492E-05	1.69492E-05	1.69492E-05	1.69492E-05	1.69492E-05	1.69492E-05	1.69492E-05	1.69492E-05	1.69492E-05	1.69492E-05	1.69492E-05	1.69492E-05	1.69492E-05	1.69492E-05	1.69492E-05
														Aliphatics >EC6-EC8	5.88235E-06	5.88235E-06	5.88235E-06	1.76471E-05	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06	5.88235E-06
													Considered additive	Aliphatics >EC8-EC10	2.08333E-05	2.08333E-05	2.08333E-05	2.08333E-05	2.08333E-05	2.08333E-05	2.08333E-05	2.08333E-05	2.08333E-05	2.08333E-05	2.08333E-05	2.08333E-05	2.08333E-05	2.08333E-05	2.08333E-05
														Aliphatics >EC10-EC12	8.69565E-06	8.69565E-06	8.69565E-06	8.69565E-06	8.69565E-06	8.69565E-06	8.69565E-06	8.69565E-06	8.69565E-06	8.69565E-06	8.69565E-06	8.69565E-06	8.69565E-06	8.69565E-06	8.69565E-06
														Aliphatics >EC12-EC16	4.87805E-05	4.87805E-05	4.87805E-05	4.87805E-05	4.87805E-05	4.87805E-05	4.87805E-05	4.87805E-05	4.87805E-05	4.87805E-05	4.87805E-05	4.87805E-05	4.87805E-05	4.87805E-05	4.87805E-05
														Aliphatics >EC16-EC35															
														Aliphatics >EC35-EC44															
														Aromatics EC5-EC7	2.17391E-06	2.17391E-06	2.17391E-06	2.17391E-06	2.17391E-06	2.17391E-06	2.17391E-06	2.17391E-06	2.17391E-06	2.17391E-06	2.17391E-06	2.17391E-06	2.17391E-06	2.17391E-06	2.17391E-06
														Aromatics >EC7-EC8	9.09091E-07	9.09091E-07	9.09091E-07	9.09091E-07	9.09091E-07	9.09091E-07	9.09091E-07	9.09091E-07	9.09091E-07	9.09091E-07	9.09091E-07	9.09091E-07	9.09091E-07	9.09091E-07	9.09091E-07
													Considered additive	Aromatics >EC8-EC10	1.23457E-05	1.23457E-05	1.23457E-05	1.23457E-05	1.23457E-05	1.23457E-05	1.23457E-05	1.23457E-05	1.23457E-05	1.23457E-05	1.23457E-05	1.23457E-05	1.23457E-05	1.23457E-05	1.23457E-05
														Aromatics >EC10-EC12	7.14286E-06	7.14286E-06	7.14286E-06	7.14286E-06	7.14286E-06	7.14286E-06	7.14286E-06	7.14286E-06	7.14286E-06	7.14286E-06	7.14286E-06	7.14286E-06	7.14286E-06	7.14286E-06	7.14286E-06
														Aromatics >EC12-EC16	0.000108108	0.000108108	0.000108108	0.000108108	0.000108108	0.000108108	0.000108108	0.000108108	0.000108108	0.000108108	0.000108108	0.000108108	0.000108108	0.000108108	0.000108108
													Considered additive	Aromatics >EC16-EC21	0.00025	0.00025	0.00025	0.001107143	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025
														Aromatics >EC21-EC35	0.00025	0.002214286	0.00025	0.004428571	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025
														Aromatics >EC35-EC44															
													Hazard Index HI or HQ greater than 1 highlighted with orange shading	**Hazard Index for ali>C8-C16**	**7.83095E-05**	**7.83095E-05**	**7.83095E-05**	**7.83095E-05**	**7.83095E-05**	**7.83095E-05**	**7.83095E-05**	**7.83095E-05**	**7.83095E-05**	**7.83095E-05**	**7.83095E-05**	**7.83095E-05**	**7.83095E-05**	**7.83095E-05**	**7.83095E-05**
														Hazard Index for aro>C8-C16	**0.000127597**	**0.000127597**	**0.000127597**	**0.000127597**	**0.000127597**	**0.000127597**	**0.000127597**	**0.000127597**	**0.000127597**	**0.000127597**	**0.000127597**	**0.000127597**	**0.000127597**	**0.000127597**	**0.000127597**
														Hazard Index for aro>C16-C35	**0.0005**	**0.002464286**	**0.0005**	**0.005535714**	**0.0005**	**0.0005**	**0.0005**	**0.0005**	**0.0005**	**0.0005**	**0.0005**	**0.0005**	**0.0005**	**0.0005**	**0.0005**

Legend:

MG	Made Ground	<0.02	Value below the laboratory reporting limit and are considered as being at the detection limit for the purposes of statistical analysis, as a conservative estimate.
GFSD	Glacofluvial Sheet Deposits	0.02	Value greater than, or equal to, the generic assessment criterion (GAC).
		64.00	Value exceed saturation limit and substance is liquid or solid at ambient temperature
		Y	Text result
		-	Represents a determinand that was not tested.
		+	represents a data point that is not included in the current filter settings

Template Version:

113: 22/10/24

Controlled waters GQRA

Assessment of Water or Leachate Data

Scenario	**Controlled Waters (England & Wales)**
Assessment Level	**RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**
Data set:	**Groundwater**
Client:	**Kier Property**
Site:	**Sharston Industrial Estate**
Job no:	**35838**
Lab. report no(s).:	**Ramboll**

Hydrock now Stantec

Data Filters

Zone	**All Zones**
Strata Filter	**All Strata**
Date Min	**13/01/2025**
Date Max	**14/01/2025**

Results Shading Key	
123*	Exceeds solubility value
<1	Grey text and "<" sign if value <= LoD
50	Exceeds screening value
500	Exceeds 10 x screening value

CAS / AGS Number	Determinand	Determinand Designations: EQS Category	Hazardous Substance	Solubility Limit	Sample Summaries: Units	Limit of Detection	No. of Samples	No. of Samples >	Min	Max	WQT (Exceeded if Red Text): DWS (England & Wales)		EQS (inland) (England and		Screening Value	No. Samples > WQT	No. Samples above LoD > WQT	WS103 GFSD Shallow 14/01/25	WS105 GFSD Shallow 14/01/25	WS108 GFSD Shallow 14/01/25	WS107 GFSD Shallow 14/01/25	WS113 GFSD Shallow 14/01/25	CP102 Till Granular Deep 13/01/25	CP101 Till Granular Deep 13/01/25	WS104 GFSD Shallow 13/01/25	CP103 Till Granular Deep 13/01/25	WS112 GFSD Shallow 13/01/25	CP105 Till Granular Deep 13/01/25
P1134	pH (min.) (su)	O	-		pH Units	0.01	11	11	7.15	8.09	6.5	a,b	6	h	6	0	0	7.72	7.51	7.15	7.5	7.34	8.09	7.73	7.94	7.82	7.77	7.85
P1134	pH (max.) (su)	O	-		pH Units	0.01	11	11	7.15	8.09	9.5	a,b	9	h	9	0	0	7.72	7.51	7.15	7.5	7.34	8.09	7.73	7.94	7.82	7.77	7.85
P1238	Ammnoniacal Nitrogen (as N)		NP		µg/l	0.03	11	8	<0.03	0.25	-	-	300	g	300	0	0	0.25	<0.03	0.12	0.19	0.06	0.12	0.12	<0.03	0.05	0.09	<0.03
16887-00-6	Chloride (Cl^-)	O	-		mg/l	0.3	11	11	30.4	93.7	250	a,b	250	h	250	0	0	60.4	75	90.8	93.7	46.5	30.4	38.5	38.6	88.4	59.8	34.1
16984-48-8	Fluoride (F^-)	O	-		µg/l	0.3	11	0	<0.3	<0.3	1500	a,b	1000	h	1000	0	0	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
14808-79-8	Sulfate (SO_4^{2-})	O	-		mg/l	0.5	11	11	3.6	73.3	250	a,b	400	h	250	0	0	41.3	45.1	73.3	58.4	40.9	30	55.2	13.2	32	3.6	57.1
7429-90-5	Aluminium (Al) (dissolved)	-	-		µg/l	1.5	11	4	<1.5	2.2	200	a,b	-		200	0	0	<1.5	2.1	<1.5	<1.5	<1.5	<1.5	<1.5	1.9	2.2	<1.5	1.6
7440-36-0	Antimony (Sb) (dissolved)	-	NP		µg/l	2	11	0	<2	<2	5	a,b	-		5	0	0	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
7440-38-2	Arsenic (As) (dissolved)	SP	**H**		µg/l	0.9	11	5	<0.9	13.2	10	a,b	50	h	10	1	1	1	<0.9	2.3	1.4	<0.9	4.4	13.2	<0.9	<0.9	<0.9	<0.9
7440-39-3	Barium (Ba) (dissolved)	-	-		µg/l	1.8	11	11	37.5	257.1	1300	e	-		1300	0	0	98.9	142.6	257.1	250.3	225.7	143.2	106.9	37.5	156.9	236.9	155.4
7440-42-8	Boron (B) (dissolved)	O	NP		µg/l	12	11	11	15	109	1000	a,b	2000	h	1000	0	0	56	62	42	46	102	109	55	15	34	45	40
7440-43-9	Cadmium (Cd) (dissolved)	**PHS**	NP		µg/l	0.03	11	0	<0.03	<0.03	5	a,b	0.08	h	0.08	0	0	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
16065-83-1	Chromium (Cr III) (dissolved)	SP	-		µg/l	0.2	5	3	<0.2	0.5	-	-	4.7	h	4.7	0	0	0.3	<0.2	0.3	0.5	<0.2						
7440-48-4	Cobalt (Co) (dissolved)	O	NP		µg/l	0.1	11	11	0.2	0.7	-	-	3	h	3	0	0	0.3	0.2	0.4	0.4	0.2	0.4	0.4	0.2	0.5	0.3	0.7
7440-50-8	Copper (Cu) (dissolved)	SP	NP		µg/l	1	11	0	<1	<1	2000	a,b	1	h	1	0	0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
7439-89-6	Iron (Fe) (dissolved)	SP	-		mg/l	4.7	11	9	<4.7	4776.1	0.2	a,b	1	h	0.2	11	9	190	648.8	4776.1	3821.7	<4.7	221.4	2644.6	<4.7	311.4	745.3	722.4
7439-92-1	Lead (Pb) (dissolved)	PS	**H**		µg/l	0.4	11	0	<0.4	<0.4	10	a,b	1.2	h	1.2	0	0	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
P1286	Manganese (Mn) (dissolved)	SP	-		µg/l	1.5	11	11	8.4	983.4	50	a,b	123	h	50	10	10	220.5	333.4	983.4	971.3	743.4	479.7	484.3	8.4	634.1	402	858.1
7439-97-6	Mercury (Hg) (dissolved)	**PHS**	**H**	56	µg/l	0.5	11	0	<0.5	<0.5	1	a,b	0.07	h	0.07	11	0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
7440-02-0	Nickel (Ni) (dissolved)	PS	NP		µg/l	0.2	11	11	0.7	2.4	20	a,b	4	h	4	0	0	2.4	1.2	1.5	1.1	1.7	0.7	0.8	0.8	2	0.9	1.4
7782-49-2	Selenium (Se) (dissolved)	-	NP		µg/l	1.2	11	0	<1.2	<1.2	10	a,b	-		10	0	0	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
7440-22-4	Silver (Ag) (dissolved)	O	-		µg/l	5	11	0	<5	<5	-	-	0.05	h	0.05	11	0	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
7440-31-5	Tin (Sn) (dissolved)	O	-		µg/l	5	11	0	<5	<5	-	-	25	h	25	0	0	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
7440-62-2	Vanadium (V) (dissolved)	O	-		µg/l	0.6	11	0	<0.6	<0.6	-	-	20	h	20	0	0	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6
7440-66-6	Zinc (Zn) (dissolved)	*SP*	NP		µg/l	1.5	11	11	1.6	6.5	-	-	10.9	h	10.9	0	0	3.6	2.8	2.8	2.8	1.6	2.6	6.5	2.1	2.7	3.4	3.5
120-12-7	Anthracene	**PHS**	**H**	56	µg/l	0.005	11	0	<0.005	<0.005	-	-	0.1	h	0.1	0	0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
50-32-8	Benzo(a)pyrene	**PHS**	**H**	3.8	µg/l	0.005	11	0	<0.005	<0.005	0.01	a,b	0.00017	h	0.00017	11	0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
205-99-2	Benzo(b)fluoranthene	**PHS**	**H**	2	µg/l	0.008	11	0	<0.008	<0.008	-	-	0.017	h	0.017	0	0	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008
191-24-2	Benzo(ghi)perylene	**PHS**	**H**	0.26	µg/l	0.005	11	0	<0.005	<0.005	-	-	0.0082	h	0.0082	0	0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
207-08-9	Benzo(k)fluoranthene	**PHS**	**H**	0.8	µg/l	0.008	11	0	<0.008	<0.008	-	-	0.017	h	0.017	0	0	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008
206-44-0	Fluoranthene	PS	**H**	230	µg/l	0.005	11	0	<0.005	<0.005	-	-	0.0063	h	0.0063	0	0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
91-20-3	Naphthalene	PS	NP	19000	µg/l	0.1	11	0	<0.1	<0.1	-	-	2	h	2	0	0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
GRP01	PAHs = sum of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, indeno(1,2,3-cd)pyrene	**PHS**	**H**		µg/l	0.173	5	0	<0.173	<0.173	0.1	a,b	-		0.1	5	0	<0.173	<0.173	<0.173	<0.173	<0.173						
P1407	Aliphatic >EC5-EC6	-	-	35900	µg/l	10	11	0	<10	<10	15000	e	10	j	10	0	0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
P1408	Aliphatic >EC6-EC8	-	-	5370	µg/l	10	11	4	<10	41	15000	e	10	j	10	4	4	41	<10	15	<10	22	<10	<10	<10	<10	<10	13
P1409	Aliphatic >EC8-EC10	-	-	427	µg/l	10	11	0	<10	<10	300	e	10	j	10	0	0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
P1410	Aliphatic >EC10-EC12	-	-	33.9	µg/l	5	11	0	<5	<5	300	e	10	j	10	0	0	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
P1411	Aliphatic >EC12-EC16	-	-	0.759	µg/l	10	11	0	<10	<10	300	e	10	j	10	0	0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
P1415	Aliphatic >EC35-EC44	-	-	0.00254	µg/l	10	11	0	<10	<10	-	-	10	j	10	0	0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
P1441	Aromatic EC5-EC7	-	-	1780000	µg/l	10	11	0	<10	<10	1	e	10	j	1	11	0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
P1355	Aromatic >EC7-EC8	-	-	590000	µg/l	10	11	0	<10	<10	700	e	10	j	10	0	0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
P1356	Aromatic >EC8-EC10	-	-	64600	µg/l	10	11	0	<10	<10	300	e	10	j	10	0	0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
P1357	Aromatic >EC10-EC12	-	-	24500	µg/l	5	11	0	<5	<5	90	e	10	j	10	0	0	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
P1358	Aromatic > EC12-EC16	-	-	5750	µg/l	10	11	0	<10	<10	90	e	10	j	10	0	0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
P1359	Aromatic >EC16-EC21	-	-	653	µg/l	10	11	0	<10	<10	90	e	10	j	10	0	0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
P1360	Aromatic >EC21-EC35	-	-	6.61	µg/l	10	11	0	<10	<10	90	e	10	j	10	0	0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
P1362	Aromatic >EC35-EC44	-	-	6.61	µg/l	10	6	0	<10	<10	-	-	10	j	10	0	0						<10	<10	<10	<10	<10	<10
156-59-2	cis 1,2-Dichloroethene (cis 1,2 DCE)	-	NP	7550000	µg/l	3	11	6	<3	80	50	e	-		50	2	2	80	<3	44	13	77	<3	<3	<3	<3	8	30
79-01-6	Trichloroethene (TCE)	OP	**H**	1370000	µg/l	3	11	3	<3	95	10	a,b	10	h	10	2	2	95	21	6	<3	<3	<3	<3	5	<3	<3	5
75-01-4	Vinyl chloride (chloroethene) (VC)	-	**H**	2760000	µg/l	3	11	0	0.1	6.4	0.5	a,b	-		0.5	4	4	<0.1	<0.1	<0.1	<0.1	3.7	<0.1	<0.1	<0.1	<0.1	6.4	<1.7

Appendix G Waste assessment

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

NB4DR-H4SO4-RD7QD

Report is invalid if pages are removed.

Job name

Sharston Road, Industrial Estate

Description/Comments

EMT-24-21359; EMT-24-21466; EMT-24-21753; EMT-24-21297; EMT-24-21131

Project

35838

Site

Sharston Road, Sharston Industrial Estate

Classified by

Name:
Annabel Edwards
Date:
04 Feb 2025 16:49 GMT
Telephone:
07909210962

Company:
Hydrock Consultants Ltd
Over Court Barns, Over Lane
Almondsbury
Bristol
BS32 4DF

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: CERTIFIED

Course	Date
Hazardous Waste Classification	07 Dec 2023

Next 3 year Refresher due by Dec 2026

Purpose of classification

2 - Material Characterisation

Address of the waste

1934 Sharston Rd, Wythenshawe, Manchester **Post Code** M22 4RA

SIC for the process giving rise to the waste

41100 Development of building projects

Description of industry/producer giving rise to the waste

Redevelopment of industrial land.

Description of the specific process, sub-process and/or activity that created the waste

Wastes created during demolition and excavation for new building foundations.

Description of the waste

» Made Ground – between 0.05m and 0.80m bgl, comprising of locally clayey gravels and sands of brick concrete, occasional asphalt clinker and natural lithologies.

» Glaciofluvial Sheet Deposits – extending to 3.90m bgl, comprising of orangish brown/dark brown very sandy clayey GRAVEL or very gravelly clayey SAND.

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	WS108-11/12/2024-0.30-0.40m		Non Hazardous		3
2	WS108-11/12/2024-0.70-0.80m		Non Hazardous		9
3	WS105-11/12/2024-0.30-0.50m		Non Hazardous		13
4	WS105-11/12/2024-0.50-0.60m		Non Hazardous		19
5	WS106-11/12/2024-0.20-0.30m		Non Hazardous		23
6	WS106-11/12/2024-0.60-0.70m		Non Hazardous		27
7	CP102-11/12/2024-0.05-0.20m		Hazardous	HP 7, HP 11	31
8	CP102-11/12/2024-1.00-1.10m		Non Hazardous		38
9	WS107-12/12/2024-0.20-0.30m		Non Hazardous		44
10	WS107-12/12/2024-0.50-0.60m		Non Hazardous		47
11	WS115-12/12/2024-0.15-0.20m		Non Hazardous		50
12	WS115-12/12/2024-0.20-0.30m		Non Hazardous		53
13	WS110A-12/12/2024-0.40-0.50m		Non Hazardous		56
14	WS111-12/12/2024-0.40-0.50m		Non Hazardous		57
15	WS111-12/12/2024-0.80-0.90m		Non Hazardous		60
16	WS103-12/12/2024-0.40-0.50m		Non Hazardous		63
17	WS103-12/12/2024-1.40-1.50m		Non Hazardous		69
18	WS103-12/12/2024-2.80-2.90m		Non Hazardous		75
19	CP105-12/12/2024-0.30-0.40m		Non Hazardous		81
20	CP105-12/12/2024-0.50-0.60m		Non Hazardous		84
21	WS109-12/12/2024-0.20-0.40m		Non Hazardous		87
22	WS109-12/12/2024-0.50-0.60m		Non Hazardous		90
23	WS102-12/12/2024-0.30-0.40m		Non Hazardous		93
24	WS102-12/12/2024-0.50-0.60m		Non Hazardous		96
25	WS114-17/12/2024-0.30-0.40m		Non Hazardous		99
26	WS114-17/12/2024-0.50-0.60m		Non Hazardous		102
27	WS104-17/12/2024-0.40-0.50m		Non Hazardous		105
28	WS104-17/12/2024-1.00-1.10m		Non Hazardous		111
29	WS101-17/12/2024-0.10-0.20m		Hazardous	HP 7, HP 11, HP 14	117
30	WS101-17/12/2024-0.30-0.40m		Non Hazardous		120
31	WS101-17/12/2024-0.50-0.60m		Non Hazardous		126
32	WS110-10/12/2024-0.30m		Non Hazardous		132
33	WS113-10/12/2024-0.30-0.40m		Non Hazardous		135
34	WS113-10/12/2024-1.50-1.60m		Non Hazardous		138
35	CP101-10/12/2024-0.30-0.40m		Non Hazardous		144
36	CP104-09/12/2024-0.40-0.50m		Non Hazardous		147
37	WS112-09/12/2024-0.20-0.30m		Non Hazardous		153
38	WS112-09/12/2024-0.70-0.80m		Non Hazardous		159
39	CP103-09/12/2024-0.30-0.40m		Non Hazardous		165
40	CP103-09/12/2024-0.50-0.60m		Non Hazardous		171

Related documents

#	Name	Description
1	EMT-24-21131-Batch-1-202502031145.HWOL	Element .hwol file used to populate the Job
2	EMT-24-21297-Batch-1-202502031145.HWOL	Element .hwol file used to populate the Job
3	EMT-24-21359-Batch-1-202502031145.batch	Element .batch file used to populate the Job
4	EMT-24-21359-Batch-1-202502031145.HWOL	Element .hwol file used to populate the Job
5	EMT-24-21466-Batch-1-202502031145.HWOL	Element .hwol file used to populate the Job
6	EMT-24-21753-Batch-1-202502031145.HWOL	Element .hwol file used to populate the Job
7	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Annabel Edwards

Created date: 04 Feb 2025 16:49 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	174
Appendix B: Rationale for selection of metal species	178
Appendix C: Version	179

Classification of sample: WS108-11/12/2024-0.30-0.40m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS108-11/12/2024-0.30-0.40m
Moisture content:
13.2%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 13.2% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		29.4 mg/kg		25.972 mg/kg	0.0026 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		4 mg/kg		3.534 mg/kg	0.000353 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		2.6 mg/kg	3.22	7.395 mg/kg	0.00074 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		**<LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		40.9 mg/kg	1.462	52.807 mg/kg	0.00528 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		**<LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		133 mg/kg	1.252	147.073 mg/kg	0.0147 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	46 mg/kg		40.636 mg/kg	0.00406 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	0.1 mg/kg		0.0883 mg/kg	0.00000883 %	✓	
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		49 mg/kg	2.637	114.132 mg/kg	0.0114 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		**<LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		69 mg/kg	4.398	268.071 mg/kg	0.0268 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		TPH (C6 to C40) petroleum group			TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		0.009	mg/kg		0.0079	mg/kg	0.000000795 %	✓	
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.011	mg/kg		<0.011	mg/kg	<0.0000011 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
20		pH			PH		8.31	pH		8.31	pH	8.31 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25		phenanthrene		201-581-5	85-01-8		0.1	mg/kg		0.0883	mg/kg	0.00000883 %	✓	
26		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		fluoranthene		205-912-4	206-44-0		0.16	mg/kg		0.141	mg/kg	0.0000141 %	✓	
28		pyrene		204-927-3	129-00-0		0.15	mg/kg		0.133	mg/kg	0.0000133 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.1	mg/kg		0.0883	mg/kg	0.00000883 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.1	mg/kg		0.0883	mg/kg	0.00000883 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.11	mg/kg		0.0972	mg/kg	0.00000972 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.04	mg/kg		0.0353	mg/kg	0.00000353 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.08	mg/kg		0.0707	mg/kg	0.00000707 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		0.05	mg/kg		0.0442	mg/kg	0.00000442 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		0.06	mg/kg		0.053	mg/kg	0.0000053 %	✓	
37		phenol	604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
38		1,1-dichloroethane and 1,2-dichloroethane (combined)		203-458-1, 200-863-5	107-06-2, 75-34-3		<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
39		tetrachloroethylene	602-028-00-4	204-825-9	127-18-4		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
40		carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5		<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
41		trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6		0.032	mg/kg		0.0283	mg/kg	0.00000283 %	✓	
42		vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
43		hexachlorobenzene	602-065-00-6	204-273-9	118-74-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
44	●	dichlorodifluoromethane		200-893-9	75-71-8		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
45		chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
46		bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
47		chloroethane	602-009-00-0	200-830-5	75-00-3		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
48	●	trichlorofluoromethane		200-892-3	75-69-4		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
49		1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4		<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
50		dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2		0.01	mg/kg		0.0088	mg/kg	0.000000883 %	✓	
51	●	2,2-dichloropropane		209-832-0	594-20-7		<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
52	●	bromochloromethane		200-826-3	74-97-5		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
53		chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
54		1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
55		1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
56		1,2-dichloropropane; propylene dichloride	602-020-00-0	201-152-2	78-87-5		<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
57		dibromomethane	602-003-00-8	200-824-2	74-95-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
58	●	bromodichloromethane		200-856-7	75-27-4		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
59		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]		<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
60	●	trans-1,3-dichloropropene		431-460-4	10061-02-6		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
61		1,1,2-trichloroethane	602-014-00-8	201-166-9	79-00-5		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
62	●	1,3-dichloropropane		205-531-3	142-28-9		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
63	●	dibromochloromethane		204-704-0	124-48-1		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
64		1,2-dibromoethane	602-010-00-6	203-444-5	106-93-4		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
65		chlorobenzene	602-033-00-1	203-628-5	108-90-7		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
66	●	1,1,1,2-tetrachloroethane		211-135-1	630-20-6		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
67		bromoform; tribromomethane	602-007-00-X	200-854-6	75-25-2		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
68		cumene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-024-00-X	202-704-5	98-82-8									
69		1,1,2,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
70		bromobenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
71		1,2,3-trichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
72		propylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-097-00-8	203-132-9	103-65-1									
73		mesitylene; 1,3,5-trimethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
74		tert-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
75		1,2,4-trimethylbenzene				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
76		sec-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
77		1-isopropyl-4-methylbenzene; p-cymene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-094-00-1	202-796-7	99-87-6									
78		1,3-dichlorbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
79		1,4-dichlorobenzene; p-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
80		n-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
81		1,2-dichlorobenzene; o-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
82		1,2-dibromo-3-chloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
83		1,2,4-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
84		hexachlorobutadiene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
85		1,2,3-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
86		styrene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
97		2-methyl naphthalene				0.016	mg/kg		0.0141	mg/kg	0.00000141 %	✓	
			202-078-3	91-57-6									
98		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
99		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
100		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
101		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
102		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
103		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
104		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
105		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
106		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
107		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
108		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
109		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
110		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
111		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
112		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
113		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
114		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
115		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
116		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
117		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
118		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
119		2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		603-096-00-8	203-961-6	112-34-5									
120		aniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-008-00-7	200-539-3	62-53-3									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
121		vanadium { divanadium pentaoxide; vanadium pentoxide }				68	mg/kg	1.785	107.237	mg/kg	0.0107 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
122		asbestos				<0.001	%		<0.001	%	<0.001 %		<LOD
		650-013-00-6	- - - - - - -	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5									
123		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
124		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
125		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									
126		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]									
										Total:	0.0821 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%) because: Not high enough concentration to be flammable.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

toluene (conc.: 7.95e-07%)

Classification of sample: WS108-11/12/2024-0.70-0.80m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS108-11/12/2024-0.70-0.80m
Moisture content:
8.4%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 8.4% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		1.7 mg/kg		1.568 mg/kg	0.000157 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.738 mg/kg	0.0000738 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		<0.1 mg/kg	3.22	<0.322 mg/kg	<0.0000322 %		<**LOD**
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		23.4 mg/kg	1.462	31.55 mg/kg	0.00316 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		17 mg/kg	1.252	19.631 mg/kg	0.00196 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	7 mg/kg		6.458 mg/kg	0.000646 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		15.2 mg/kg	2.637	36.972 mg/kg	0.0037 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		<**LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		31 mg/kg	4.398	125.771 mg/kg	0.0126 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		TPH (C6 to C40) petroleum group			TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
20		pH			PH		8.01	pH		8.01	pH	8.01 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
38		hexachlorobenzene	602-065-00-6	204-273-9	118-74-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
39		1,3-dichlorbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
40		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
41		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
42		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
43		hexachlorobutadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-765-5	87-68-3									
44		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
45		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
46		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
47		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
48		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
49		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
50		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
51		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
52		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
53		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
54		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
55		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
56		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
57		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
58		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
59		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
60		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
61		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
62		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
63		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
64		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
65		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
66		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
67		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
68		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
69		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
70		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
71		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
72		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
73		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
74		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
75		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
76		2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		603-096-00-8	203-961-6	112-34-5									
77		aniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-008-00-7	200-539-3	62-53-3									
78		vanadium { divanadium pentaoxide; vanadium pentoxide }				20	mg/kg	1.785	32.937	mg/kg	0.00329 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
79		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									
80		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]									
										Total:	0.03 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS105-11/12/2024-0.30-0.50m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS105-11/12/2024-0.30-0.50m
Moisture content:
9.1%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 9.1% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		10.4 mg/kg		9.533 mg/kg	0.000953 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.3 mg/kg		1.192 mg/kg	0.000119 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		1.2 mg/kg	3.22	3.542 mg/kg	0.000354 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.3 mg/kg		0.275 mg/kg	0.0000275 %	✓	
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		12.5 mg/kg	1.462	16.746 mg/kg	0.00167 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		34 mg/kg	1.252	39.01 mg/kg	0.0039 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	16 mg/kg		14.665 mg/kg	0.00147 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		14.5 mg/kg	2.637	35.043 mg/kg	0.0035 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		<**LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		99 mg/kg	4.398	399.079 mg/kg	0.0399 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		TPH (C6 to C40) petroleum group			TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		0.005	mg/kg		0.0045	mg/kg	0.000000458 %	✓	
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.011	mg/kg		<0.011	mg/kg	<0.0000011 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
20		pH			PH		9.71	pH		9.71	pH	9.71 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		0.08	mg/kg		0.0733	mg/kg	0.00000733 %	✓	
22		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25		phenanthrene		201-581-5	85-01-8		0.05	mg/kg		0.0458	mg/kg	0.00000458 %	✓	
26		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		fluoranthene		205-912-4	206-44-0		0.04	mg/kg		0.0367	mg/kg	0.00000367 %	✓	
28		pyrene		204-927-3	129-00-0		0.03	mg/kg		0.0275	mg/kg	0.00000275 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
38		1,1-dichloroethane and 1,2-dichloroethane (combined)		203-458-1, 200-863-5	107-06-2, 75-34-3		<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
39		tetrachloroethylene				0.004	mg/kg		0.0036	mg/kg	0.000000367 %	✓	
		602-028-00-4	204-825-9	127-18-4									
40		carbon tetrachloride; tetrachloromethane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
41		trichloroethylene; trichloroethene				0.185	mg/kg		0.17	mg/kg	0.000017 %	✓	
		602-027-00-9	201-167-4	79-01-6									
42		vinyl chloride; chloroethylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
43		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		dichlorodifluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
45		chloromethane; methyl chloride				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
46		bromomethane; methylbromide				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
47		chloroethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
48		trichlorofluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
49		1,1-dichloroethylene; vinylidene chloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
50		dichloromethane; methylene chloride				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2									
51		2,2-dichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
52		bromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									
53		chloroform; trichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
54		1,1,1-trichloroethane; methyl chloroform				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
55		1,1-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
56		1,2-dichloropropane; propylene dichloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
57		dibromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
58		bromodichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
59		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
60		trans-1,3-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
61		1,1,2-trichloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
62		1,3-dichloropropane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
63		dibromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
64		1,2-dibromoethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
65		chlorobenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
66		1,1,1,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
67		bromoform; tribromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
68		cumene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-024-00-X	202-704-5	98-82-8									
69		1,1,2,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
70		bromobenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
71		1,2,3-trichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
72		propylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-097-00-8	203-132-9	103-65-1									
73		mesitylene; 1,3,5-trimethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
74		tert-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
75		1,2,4-trimethylbenzene				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
76		sec-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
77		1-isopropyl-4-methylbenzene; p-cymene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-094-00-1	202-796-7	99-87-6									
78		1,3-dichlorbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
79		1,4-dichlorobenzene; p-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
80		n-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
81		1,2-dichlorobenzene; o-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
82		1,2-dibromo-3-chloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
83		1,2,4-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
84		hexachlorobutadiene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
85		1,2,3-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
86		styrene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
97		2-methyl naphthalene				0.075	mg/kg		0.0687	mg/kg	0.00000687 %	✓	
			202-078-3	91-57-6									
98		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
99		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
100		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
101		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
102		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
103		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
104		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
105		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
106		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
107		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
108		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
109		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
110		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
111		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
112		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
113		dibenzofuran				0.02	mg/kg		0.0183	mg/kg	0.00000183 %	✓	
			205-071-3	132-64-9									
114		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
115		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
116		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
117		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
118		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
119		2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		603-096-00-8	203-961-6	112-34-5									
120		aniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-008-00-7	200-539-3	62-53-3									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
121		vanadium { divanadium pentaoxide; vanadium pentoxide }				18	mg/kg	1.785	29.453	mg/kg	0.00295 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
122		asbestos				<0.001	%		<0.001	%	<0.001 %		<LOD
		650-013-00-6	- - - - - - -	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5									
123		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
124		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
125		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									
126		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]									
										Total:	0.0603 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%) because: Not high enough concentration to be flammable.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

toluene (conc.: 4.58e-07%)

Classification of sample: WS105-11/12/2024-0.50-0.60m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS105-11/12/2024-0.50-0.60m
Moisture content:
9.6%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 9.6% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.1 mg/kg		3.741 mg/kg	0.000374 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		0.912 mg/kg	0.0000912 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.3 mg/kg	3.22	0.881 mg/kg	0.0000881 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		23.3 mg/kg	1.462	31.071 mg/kg	0.00311 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		6 mg/kg	1.252	6.853 mg/kg	0.000685 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	12 mg/kg		10.949 mg/kg	0.00109 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		10.8 mg/kg	2.637	25.982 mg/kg	0.0026 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		1 mg/kg	2.351	2.145 mg/kg	0.000215 %	✓	
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		126 mg/kg	4.398	505.601 mg/kg	0.0506 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		TPH (C6 to C40) petroleum group		TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
20		pH		PH		7.81	pH		7.81	pH	7.81 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
22		acenaphthylene		205-917-1	208-96-8	<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluorene		201-695-5	86-73-7	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25		phenanthrene		201-581-5	85-01-8	<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		anthracene		204-371-1	120-12-7	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		fluoranthene		205-912-4	206-44-0	<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
28		pyrene		204-927-3	129-00-0	<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
38		hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
39		1,3-dichlorbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
40		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
41		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
42		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
43		hexachlorobutadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-765-5	87-68-3									
44		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
45		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
46		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
47		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
48		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
49		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
50		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
51		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
52		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
53		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
54		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
55		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
56		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
57		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
58		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
59		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
60		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
61		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
62		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
63	●	4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
64		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
65	●	4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
66		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
67	●	bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
68		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
69	●	carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
70	●	dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
71		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
72	●	hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
73		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
74		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
75		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
76		2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		603-096-00-8	203-961-6	112-34-5									
77		aniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-008-00-7	200-539-3	62-53-3									
78		vanadium { divanadium pentaoxide; vanadium pentoxide }				22	mg/kg	1.785	35.834	mg/kg	0.00358 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
79		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									
80		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]									
										Total:	0.0665 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS106-11/12/2024-0.20-0.30m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS106-11/12/2024-0.20-0.30m
Moisture content:
9.8%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 9.8% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		3 mg/kg		2.732 mg/kg	0.000273 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.5 mg/kg	3.22	1.466 mg/kg	0.000147 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.5 mg/kg		0.455 mg/kg	0.0000455 %	✓	
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		20.7 mg/kg	1.462	27.554 mg/kg	0.00276 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		12 mg/kg	1.252	13.681 mg/kg	0.00137 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	18 mg/kg		16.393 mg/kg	0.00164 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		8.5 mg/kg	2.637	20.411 mg/kg	0.00204 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		<**LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		46 mg/kg	4.398	184.248 mg/kg	0.0184 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		TPH (C6 to C40) petroleum group			TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
20		pH			PH		10.65	pH		10.65	pH	10.65 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		fluoranthene		205-912-4	206-44-0		0.04	mg/kg		0.0364	mg/kg	0.00000364 %	✓	
28		pyrene		204-927-3	129-00-0		0.04	mg/kg		0.0364	mg/kg	0.00000364 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
38		hexachlorobenzene	602-065-00-6	204-273-9	118-74-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
39		1,3-dichlorbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
40		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
41		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
42		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
43		hexachlorobutadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-765-5	87-68-3									
44		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
45		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
46		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
47		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
48		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
49		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
50		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
51		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
52		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
53		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
54		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
55		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
56		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
57		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
58		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
59		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
60		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
61		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
62		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
63	●	4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
64		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
65	●	4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
66		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
67	●	bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
68		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
69	●	carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
70	●	dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
71		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
72	●	hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
73		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
74		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
75		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
76		2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		603-096-00-8	203-961-6	112-34-5									
77		aniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-008-00-7	200-539-3	62-53-3									
78		vanadium { divanadium pentaoxide; vanadium pentoxide }				11	mg/kg	1.785	17.884	mg/kg	0.00179 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
79		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									
80		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]									
										Total:	0.0329 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS106-11/12/2024-0.60-0.70m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS106-11/12/2024-0.60-0.70m
Moisture content:
11.6%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 11.6% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.4 mg/kg		3.943 mg/kg	0.000394 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.717 mg/kg	0.0000717 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.2 mg/kg	3.22	0.577 mg/kg	0.0000577 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		29.5 mg/kg	1.462	38.634 mg/kg	0.00386 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		7 mg/kg	1.252	7.852 mg/kg	0.000785 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	9 mg/kg		8.065 mg/kg	0.000806 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		10.9 mg/kg	2.637	25.753 mg/kg	0.00258 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		<**LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		33 mg/kg	4.398	130.046 mg/kg	0.013 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		TPH (C6 to C40) petroleum group			TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.8	mg/kg	1.884	1.351	mg/kg	0.000135 %	✓	
20		pH			PH		6.91	pH		6.91	pH	6.91 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
38		hexachlorobenzene	602-065-00-6	204-273-9	118-74-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
39		1,3-dichlorbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-067-00-7	208-792-1	541-73-1									
40		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-035-00-2	203-400-5	106-46-7									
41		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-034-00-7	202-425-9	95-50-1									
42		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-087-00-6	204-428-0	120-82-1									
43		hexachlorobutadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-765-5	87-68-3									
44		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
45		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-857-5	88-75-5									
46		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-011-00-7	204-429-6	120-83-2									
47		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
48		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-017-00-X	202-467-8	95-95-4									
49		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-018-00-5	201-795-9	88-06-2									
50		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-014-00-3	200-431-6	59-50-7									
51		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		609-015-00-2	202-811-7	100-02-7									
52		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-002-00-8	201-778-6	87-86-5									
53		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			202-079-9	91-58-7									
54		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			202-078-3	91-57-6									
55		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		607-317-00-9	204-211-0	117-81-7									
56		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		607-430-00-3	201-622-7	85-68-7									
57		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		607-318-00-4	201-557-4	84-74-2									
58		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			204-214-7	117-84-0									
59		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			201-550-6	84-66-2									
60		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-011-6	131-11-3									
61		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
62		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		609-049-00-8	210-106-0	606-20-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
63	●	4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
64		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
65	●	4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
66		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
67	●	bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
68		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
69	●	carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
70	●	dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
71		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
72	●	hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
73		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
74		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
75		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
76		2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		603-096-00-8	203-961-6	112-34-5									
77		aniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-008-00-7	200-539-3	62-53-3									
78		vanadium { divanadium pentaoxide; vanadium pentoxide }				23	mg/kg	1.785	36.791	mg/kg	0.00368 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
79		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									
80		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]									
										Total:	0.0297 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: CP102-11/12/2024-0.05-0.20m

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:
CP102-11/12/2024-0.05-0.20m
Moisture content:
13.7%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.116%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.116%)

Determinands

Moisture content: 13.7% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		8.8 mg/kg		7.74 mg/kg	0.000774 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.3 mg/kg		1.143 mg/kg	0.000114 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.1 mg/kg	3.22	0.283 mg/kg	0.0000283 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.6 mg/kg		0.528 mg/kg	0.0000528 %	✓	
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		19.6 mg/kg	1.462	25.195 mg/kg	0.00252 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
7		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		55	mg/kg	1.252	60.552	mg/kg	0.00606 %	✓	
8		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	30	mg/kg		26.385	mg/kg	0.00264 %	✓	
9		mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
10		nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		18.7	mg/kg	2.637	43.365	mg/kg	0.00434 %	✓	
11		selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		1	mg/kg	2.351	2.068	mg/kg	0.000207 %	✓	
12		zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		61	mg/kg	4.398	235.949	mg/kg	0.0236 %	✓	
13		TPH (C6 to C40) petroleum group			TPH		1321	mg/kg		1161.829	mg/kg	0.116 %	✓	
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
15		benzene	601-020-00-8	200-753-7	71-43-2		0.006	mg/kg		0.0052	mg/kg	0.000000528 %	✓	
16		toluene	601-021-00-3	203-625-9	108-88-3		0.018	mg/kg		0.0158	mg/kg	0.00000158 %	✓	
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		0.005	mg/kg		0.0044	mg/kg	0.00000044 %	✓	
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		0.023	mg/kg		0.0202	mg/kg	0.00000202 %	✓	
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
20		pH			PH		8.63	pH		8.63	pH	8.63 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		0.27	mg/kg		0.237	mg/kg	0.0000237 %	✓	
22		acenaphthylene		205-917-1	208-96-8		0.47	mg/kg		0.413	mg/kg	0.0000413 %	✓	
23		acenaphthene		201-469-6	83-32-9		0.08	mg/kg		0.0704	mg/kg	0.00000704 %	✓	
24		fluorene		201-695-5	86-73-7		0.06	mg/kg		0.0528	mg/kg	0.00000528 %	✓	
25		phenanthrene		201-581-5	85-01-8		0.88	mg/kg		0.774	mg/kg	0.0000774 %	✓	
26		anthracene		204-371-1	120-12-7		0.34	mg/kg		0.299	mg/kg	0.0000299 %	✓	
27		fluoranthene		205-912-4	206-44-0		1.53	mg/kg		1.346	mg/kg	0.000135 %	✓	
28		pyrene		204-927-3	129-00-0		1.55	mg/kg		1.363	mg/kg	0.000136 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.67	mg/kg		0.589	mg/kg	0.0000589 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.76	mg/kg		0.668	mg/kg	0.0000668 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
31		benzo[b]fluoranthene				1.22	mg/kg		1.073	mg/kg	0.000107 %	✓	
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.47	mg/kg		0.413	mg/kg	0.0000413 %	✓	
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				1.1	mg/kg		0.967	mg/kg	0.0000967 %	✓	
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.84	mg/kg		0.739	mg/kg	0.0000739 %	✓	
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				0.16	mg/kg		0.141	mg/kg	0.0000141 %	✓	
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.96	mg/kg		0.844	mg/kg	0.0000844 %	✓	
			205-883-8	191-24-2									
37		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
39		tetrachloroethylene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
40		carbon tetrachloride; tetrachloromethane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
41		trichloroethylene; trichloroethene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
42		vinyl chloride; chloroethylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
43		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		dichlorodifluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
45		chloromethane; methyl chloride				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
46		bromomethane; methylbromide				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
47		chloroethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
48		trichlorofluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
49		1,1-dichloroethylene; vinylidene chloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
50		dichloromethane; methylene chloride				0.013	mg/kg		0.0114	mg/kg	0.00000114 %	✓	
		602-004-00-3	200-838-9	75-09-2									
51		2,2-dichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
52		bromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									
53		chloroform; trichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
54		1,1,1-trichloroethane; methyl chloroform				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
55		1,1-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
56		1,2-dichloropropane; propylene dichloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
57		dibromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
58		bromodichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
59		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
60		trans-1,3-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
61		1,1,2-trichloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
62		1,3-dichloropropane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
63		dibromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
64		1,2-dibromoethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
65		chlorobenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
66		1,1,1,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
67		bromoform; tribromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
68		cumene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-024-00-X	202-704-5	98-82-8									
69		1,1,2,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
70		bromobenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
71		1,2,3-trichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
72		propylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-097-00-8	203-132-9	103-65-1									
73		mesitylene; 1,3,5-trimethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
74		tert-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
75		1,2,4-trimethylbenzene				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
76		sec-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
77		1-isopropyl-4-methylbenzene; p-cymene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-094-00-1	202-796-7	99-87-6									
78		1,3-dichlorbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
79		1,4-dichlorobenzene; p-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
80		n-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
81		1,2-dichlorobenzene; o-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
82		1,2-dibromo-3-chloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
83		1,2,4-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
84		hexachlorobutadiene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
85		1,2,3-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
86		styrene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
97		2-methyl naphthalene				0.209	mg/kg		0.184	mg/kg	0.0000184 %	✓	
			202-078-3	91-57-6									
98		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
99		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
100		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
101		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
102		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
103		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
104		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
105		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
106		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
107		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
108		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
109		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
110		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
111		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
112		carbazole				0.075	mg/kg		0.066	mg/kg	0.0000066 %	✓	
			201-696-0	86-74-8									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
113		dibenzofuran				0.132	mg/kg		0.116	mg/kg	0.0000116 %	✓	
			205-071-3	132-64-9									
114		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
115		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
116		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
117		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
118		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
119		2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		603-096-00-8	203-961-6	112-34-5									
120		aniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-008-00-7	200-539-3	62-53-3									
121		vanadium { divanadium pentaoxide; vanadium pentoxide }				38	mg/kg	1.785	59.663	mg/kg	0.00597 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
122		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
123		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
124		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									
125		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]									
										Total:	0.164 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%) because: Not high enough concentration to be flammable.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinands:

benzene (conc.: 5.28e-07%)

toluene (conc.: 1.58e-06%)
ethylbenzene (conc.: 4.4e-07%)

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinands:

TPH (C6 to C40) petroleum group (conc.: 0.116%)
xylene (conc.: 2.02e-06%)

Classification of sample: CP102-11/12/2024-1.00-1.10m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
CP102-11/12/2024-1.00-1.10m
Moisture content:
19.4%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 19.4% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		8.9 mg/kg		7.454 mg/kg	0.000745 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.754 mg/kg	0.0000754 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.2 mg/kg	3.22	0.539 mg/kg	0.0000539 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		20 mg/kg	1.462	24.482 mg/kg	0.00245 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		8 mg/kg	1.252	8.387 mg/kg	0.000839 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	9 mg/kg		7.538 mg/kg	0.000754 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		11.5 mg/kg	2.637	25.395 mg/kg	0.00254 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		2 mg/kg	2.351	3.938 mg/kg	0.000394 %	✓	
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		33 mg/kg	4.398	121.551 mg/kg	0.0122 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		TPH (C6 to C40) petroleum group				<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
				TPH									
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
15		benzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		toluene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.011	mg/kg		<0.011	mg/kg	<0.0000011 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
20		pH				8.4	pH		8.4	pH	8.4 pH		
				PH									
21		naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
28		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-883-8	191-24-2									
37		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
39		tetrachloroethylene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
40		carbon tetrachloride; tetrachloromethane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
41		trichloroethylene; trichloroethene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
42		vinyl chloride; chloroethylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
43		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		dichlorodifluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
45		chloromethane; methyl chloride				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
46		bromomethane; methylbromide				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
47		chloroethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
48		trichlorofluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
49		1,1-dichloroethylene; vinylidene chloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
50		dichloromethane; methylene chloride				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2									
51		2,2-dichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
52		bromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									
53		chloroform; trichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
54		1,1,1-trichloroethane; methyl chloroform				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
55		1,1-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
56		1,2-dichloropropane; propylene dichloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
57		dibromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
58		bromodichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
59		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
60		trans-1,3-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
61		1,1,2-trichloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
62		1,3-dichloropropane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
63		dibromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
64		1,2-dibromoethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
65		chlorobenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
66		1,1,1,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
67		bromoform; tribromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
68		cumene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-024-00-X	202-704-5	98-82-8									
69		1,1,2,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
70		bromobenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
71		1,2,3-trichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
72		propylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-097-00-8	203-132-9	103-65-1									
73		mesitylene; 1,3,5-trimethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
74		tert-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
75		1,2,4-trimethylbenzene				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
76		sec-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
77		1-isopropyl-4-methylbenzene; p-cymene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-094-00-1	202-796-7	99-87-6									
78		1,3-dichlorbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
79		1,4-dichlorobenzene; p-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
80		n-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
81		1,2-dichlorobenzene; o-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
82		1,2-dibromo-3-chloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
83		1,2,4-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
84		hexachlorobutadiene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
85		1,2,3-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
86		styrene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
97		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
98		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
99		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
100		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
101		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
102		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
103		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
104		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
105		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
106		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
107		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
108		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
109		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
110		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
111		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
112		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
113		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
114		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
115		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
116		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
117		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
118		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
119		2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		603-096-00-8	203-961-6	112-34-5									
120		aniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-008-00-7	200-539-3	62-53-3									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
121		vanadium { divanadium pentaoxide; vanadium pentoxide }				23	mg/kg	1.785	34.388	mg/kg	0.00344 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
122		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
123		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
124		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<**LOD**
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									
125		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]									
										Total:	0.0276 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS107-12/12/2024-0.20-0.30m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS107-12/12/2024-0.20-0.30m
Moisture content:
5%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 5% Dry Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
2		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
3		boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.2	mg/kg	3.22	0.613	mg/kg	0.0000613 %	✓	
4		cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		57.2	mg/kg	1.462	79.62	mg/kg	0.00796 %	✓	
6		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3	mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<**LOD**
7		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		14	mg/kg	1.252	16.69	mg/kg	0.00167 %	✓	
8		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	<5	mg/kg		<5	mg/kg	<0.0005 %		<**LOD**
9		mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
10		nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		7.5	mg/kg	2.637	18.833	mg/kg	0.00188 %	✓	
11		selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1	mg/kg	2.351	<2.351	mg/kg	<0.000235 %		<**LOD**
12		zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		15	mg/kg	4.398	62.828	mg/kg	0.00628 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		TPH (C6 to C40) petroleum group		TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
15		benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
20		pH		PH		11.09	pH		11.09	pH	11.09 pH		
21		naphthalene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
28		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-883-8	191-24-2									
37		vanadium { divanadium pentaoxide; vanadium pentoxide }				7	mg/kg	1.785	11.901	mg/kg	0.00119 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
										Total:	0.0239 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS107-12/12/2024-0.50-0.60m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS107-12/12/2024-0.50-0.60m
Moisture content:
9.9%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 9.9% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		3.8 mg/kg		3.458 mg/kg	0.000346 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.546 mg/kg	0.0000546 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.2 mg/kg	3.22	0.586 mg/kg	0.0000586 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		52.1 mg/kg	1.462	69.288 mg/kg	0.00693 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		7 mg/kg	1.252	7.973 mg/kg	0.000797 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	7 mg/kg		6.369 mg/kg	0.000637 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		9.1 mg/kg	2.637	21.832 mg/kg	0.00218 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		<**LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		22 mg/kg	4.398	88.039 mg/kg	0.0088 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		TPH (C6 to C40) petroleum group			TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
20		pH			PH		7.91	pH		7.91	pH	7.91 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
37		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		17	mg/kg	1.785	27.614	mg/kg	0.00276 %	✓	
											Total:	0.0268 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS115-12/12/2024-0.15-0.20m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS115-12/12/2024-0.15-0.20m
Moisture content:
38.5%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 38.5% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		16.2 mg/kg		11.697 mg/kg	0.00117 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.9 mg/kg		2.094 mg/kg	0.000209 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.4 mg/kg	3.22	0.93 mg/kg	0.000093 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	3 mg/kg		2.166 mg/kg	0.000217 %	✓	
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		55.3 mg/kg	1.462	58.357 mg/kg	0.00584 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		255 mg/kg	1.252	230.472 mg/kg	0.023 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	151 mg/kg		109.025 mg/kg	0.0109 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	0.3 mg/kg		0.217 mg/kg	0.0000217 %	✓	
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		45.5 mg/kg	2.637	86.62 mg/kg	0.00866 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		1 mg/kg	2.351	1.698 mg/kg	0.00017 %	✓	
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		390 mg/kg	4.398	1238.405 mg/kg	0.124 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		TPH (C6 to C40) petroleum group		TPH		138	mg/kg		99.639	mg/kg	0.00996 %	✓	
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
15		benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
20		pH		PH		8.46	pH		8.46	pH	8.46 pH		
21		naphthalene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				0.24	mg/kg		0.173	mg/kg	0.0000173 %	✓	
			205-912-4	206-44-0									
28		pyrene				0.22	mg/kg		0.159	mg/kg	0.0000159 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.19	mg/kg		0.137	mg/kg	0.0000137 %	✓	
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.18	mg/kg		0.13	mg/kg	0.000013 %	✓	
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				0.22	mg/kg		0.159	mg/kg	0.0000159 %	✓	
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.08	mg/kg		0.0578	mg/kg	0.00000578 %	✓	
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				0.14	mg/kg		0.101	mg/kg	0.0000101 %	✓	
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.11	mg/kg		0.0794	mg/kg	0.00000794 %	✓	
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.12	mg/kg		0.0866	mg/kg	0.00000866 %	✓	
			205-883-8	191-24-2									
37		vanadium { divanadium pentaoxide; vanadium pentoxide }				61	mg/kg	1.785	78.625	mg/kg	0.00786 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
38		asbestos				<0.001	%		<0.001	%	<0.001 %		<LOD
		650-013-00-6	- - - - - - -	12001-28-4 132207-32-0									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
				12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5							
								Total:	0.193 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%) because: Not high enough concentration to be flammable.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00996%)

Classification of sample: WS115-12/12/2024-0.20-0.30m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS115-12/12/2024-0.20-0.30m
Moisture content:
19.3%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 19.3% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		8.1 mg/kg		6.79 mg/kg	0.000679 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.2 mg/kg		1.006 mg/kg	0.000101 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.4 mg/kg	3.22	1.08 mg/kg	0.000108 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.3 mg/kg		0.251 mg/kg	0.0000251 %	✓	
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		43.1 mg/kg	1.462	52.802 mg/kg	0.00528 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		40 mg/kg	1.252	41.971 mg/kg	0.0042 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	42 mg/kg		35.205 mg/kg	0.00352 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		14.5 mg/kg	2.637	32.047 mg/kg	0.0032 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		<**LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		70 mg/kg	4.398	258.051 mg/kg	0.0258 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		TPH (C6 to C40) petroleum group			TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
20		pH			PH		8.81	pH		8.81	pH	8.81 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		fluoranthene		205-912-4	206-44-0		0.11	mg/kg		0.0922	mg/kg	0.00000922 %	✓	
28		pyrene		204-927-3	129-00-0		0.11	mg/kg		0.0922	mg/kg	0.00000922 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.1	mg/kg		0.0838	mg/kg	0.00000838 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.07	mg/kg		0.0587	mg/kg	0.00000587 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.06	mg/kg		0.0503	mg/kg	0.00000503 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.02	mg/kg		0.0168	mg/kg	0.00000168 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
37		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		27	mg/kg	1.785	40.402	mg/kg	0.00404 %	✓	
											Total:	0.0512 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS110A-12/12/2024-0.40-0.50m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS110A-12/12/2024-0.40-0.50m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% Dry Weight Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1		asbestos 650-013-00-6	- - - - - - -	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5		<0.001 %		<0.001 %	<0.001 %		<**LOD**
								Total:	0.001 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
<LOD	Below limit of detection

Classification of sample: WS111-12/12/2024-0.40-0.50m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS111-12/12/2024-0.40-0.50m
Moisture content:
16%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 16% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		15.9 mg/kg		13.707 mg/kg	0.00137 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.3 mg/kg		1.121 mg/kg	0.000112 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.3 mg/kg	3.22	0.833 mg/kg	0.0000833 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		47.9 mg/kg	1.462	60.352 mg/kg	0.00604 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		6 mg/kg	1.252	6.475 mg/kg	0.000647 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	10 mg/kg		8.621 mg/kg	0.000862 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		12.4 mg/kg	2.637	28.185 mg/kg	0.00282 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		<**LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		40 mg/kg	4.398	151.653 mg/kg	0.0152 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		TPH (C6 to C40) petroleum group			TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
20		pH			PH		8.67	pH		8.67	pH	8.67 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
37		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		28	mg/kg	1.785	43.091	mg/kg	0.00431 %	✓	
											Total:	0.0357 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS111-12/12/2024-0.80-0.90m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS111-12/12/2024-0.80-0.90m
Moisture content:
9%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 9% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7.6 mg/kg		6.972 mg/kg	0.000697 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.734 mg/kg	0.0000734 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.2 mg/kg	3.22	0.591 mg/kg	0.0000591 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	2.5 mg/kg		2.294 mg/kg	0.000229 %	✓	
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		21.5 mg/kg	1.462	28.829 mg/kg	0.00288 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		24 mg/kg	1.252	27.562 mg/kg	0.00276 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	68 mg/kg		62.385 mg/kg	0.00624 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		23 mg/kg	2.637	55.636 mg/kg	0.00556 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		<**LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		73 mg/kg	4.398	294.54 mg/kg	0.0295 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		TPH (C6 to C40) petroleum group		TPH		155	mg/kg		142.202	mg/kg	0.0142 %	✓	
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				0.01	mg/kg		0.0091	mg/kg	$0^{.000000917}_{\%}$	✓	
		603-181-00-X	216-653-1	1634-04-4									
15		benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
20		pH		PH		8.4	pH		8.4	pH	8.4 pH		
21		naphthalene				0.16	mg/kg		0.147	mg/kg	0.0000147 %	✓	
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				0.05	mg/kg		0.0459	mg/kg	0.00000459 %	✓	
			205-917-1	208-96-8									
23		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				0.66	mg/kg		0.606	mg/kg	0.0000606 %	✓	
			201-581-5	85-01-8									
26		anthracene				0.16	mg/kg		0.147	mg/kg	0.0000147 %	✓	
			204-371-1	120-12-7									
27		fluoranthene				1.6	mg/kg		1.468	mg/kg	0.000147 %	✓	
			205-912-4	206-44-0									
28		pyrene				1.43	mg/kg		1.312	mg/kg	0.000131 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.84	mg/kg		0.771	mg/kg	0.0000771 %	✓	
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.97	mg/kg		0.89	mg/kg	0.000089 %	✓	
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				1.06	mg/kg		0.972	mg/kg	0.0000972 %	✓	
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.41	mg/kg		0.376	mg/kg	0.0000376 %	✓	
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				0.87	mg/kg		0.798	mg/kg	0.0000798 %	✓	
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.47	mg/kg		0.431	mg/kg	0.0000431 %	✓	
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				0.11	mg/kg		0.101	mg/kg	0.0000101 %	✓	
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.52	mg/kg		0.477	mg/kg	0.0000477 %	✓	
			205-883-8	191-24-2									
37		vanadium { divanadium pentaoxide; vanadium pentoxide }				19	mg/kg	1.785	31.118	mg/kg	0.00311 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
										Total:	0.0665 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%) because: Not high enough concentration to be flammable.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane (conc.: 9.17e-07%)

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0142%)

Classification of sample: WS103-12/12/2024-0.40-0.50m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS103-12/12/2024-0.40-0.50m
Moisture content:
12.4%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 12.4% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7.7 mg/kg		6.851 mg/kg	0.000685 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.2 mg/kg		1.068 mg/kg	0.000107 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.6 mg/kg	3.22	1.719 mg/kg	0.000172 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		50.3 mg/kg	1.462	65.406 mg/kg	0.00654 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		22 mg/kg	1.252	24.501 mg/kg	0.00245 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	25 mg/kg		22.242 mg/kg	0.00222 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	0.1 mg/kg		0.089 mg/kg	0.0000089 %	✓	
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		14.5 mg/kg	2.637	34.014 mg/kg	0.0034 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		2 mg/kg	2.351	4.184 mg/kg	0.000418 %	✓	
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		70 mg/kg	4.398	273.892 mg/kg	0.0274 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		TPH (C6 to C40) petroleum group			TPH		1113	mg/kg		990.214	mg/kg	0.099 %	✓	
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.011	mg/kg		<0.011	mg/kg	<0.0000011 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
20		pH			PH		8.06	pH		8.06	pH	8.06 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		fluoranthene		205-912-4	206-44-0		0.11	mg/kg		0.0979	mg/kg	0.00000979 %	✓	
28		pyrene		204-927-3	129-00-0		0.11	mg/kg		0.0979	mg/kg	0.00000979 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.09	mg/kg		0.0801	mg/kg	0.00000801 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.08	mg/kg		0.0712	mg/kg	0.00000712 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.07	mg/kg		0.0623	mg/kg	0.00000623 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.03	mg/kg		0.0267	mg/kg	0.00000267 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.04	mg/kg		0.0356	mg/kg	0.00000356 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
38		1,1-dichloroethane and 1,2-dichloroethane (combined)		203-458-1, 200-863-5	107-06-2, 75-34-3		<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
39		tetrachloroethylene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
40		carbon tetrachloride; tetrachloromethane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
41		trichloroethylene; trichloroethene				0.017	mg/kg		0.0151	mg/kg	0.00000151 %	✓	
		602-027-00-9	201-167-4	79-01-6									
42		vinyl chloride; chloroethylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
43		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		dichlorodifluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
45		chloromethane; methyl chloride				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
46		bromomethane; methylbromide				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
47		chloroethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
48		trichlorofluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
49		1,1-dichloroethylene; vinylidene chloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
50		dichloromethane; methylene chloride				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2									
51		2,2-dichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
52		bromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									
53		chloroform; trichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
54		1,1,1-trichloroethane; methyl chloroform				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
55		1,1-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
56		1,2-dichloropropane; propylene dichloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
57		dibromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
58		bromodichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
59		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
60		trans-1,3-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
61		1,1,2-trichloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
62		1,3-dichloropropane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
63		dibromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
64		1,2-dibromoethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
65		chlorobenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
66		1,1,1,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
67		bromoform; tribromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
68		cumene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-024-00-X	202-704-5	98-82-8									
69		1,1,2,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
70		bromobenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
71		1,2,3-trichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
72		propylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-097-00-8	203-132-9	103-65-1									
73		mesitylene; 1,3,5-trimethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
74		tert-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
75		1,2,4-trimethylbenzene				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
76		sec-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
77		1-isopropyl-4-methylbenzene; p-cymene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-094-00-1	202-796-7	99-87-6									
78		1,3-dichlorbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
79		1,4-dichlorobenzene; p-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
80		n-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
81		1,2-dichlorobenzene; o-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
82		1,2-dibromo-3-chloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
83		1,2,4-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
84		hexachlorobutadiene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
85		1,2,3-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
86		styrene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
97		2-methyl naphthalene				0.018	mg/kg		0.016	mg/kg	0.0000016 %	✓	
			202-078-3	91-57-6									
98		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
99		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
100		dibutyl phthalate; DBP				0.128	mg/kg		0.114	mg/kg	0.0000114 %	✓	
		607-318-00-4	201-557-4	84-74-2									
101		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
102		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
103		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
104		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
105		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
106		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
107		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
108		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
109		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
110		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
111		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
112		carbazole				0.016	mg/kg		0.0142	mg/kg	0.00000142 %	✓	
			201-696-0	86-74-8									
113		dibenzofuran				0.02	mg/kg		0.0178	mg/kg	0.00000178 %	✓	
			205-071-3	132-64-9									
114		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
115		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
116		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
117		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
118		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
119		2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		603-096-00-8	203-961-6	112-34-5									
120		aniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-008-00-7	200-539-3	62-53-3									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
121		vanadium { divanadium pentaoxide; vanadium pentoxide }				25	mg/kg	1.785	39.706	mg/kg	0.00397 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
122		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
123		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
124		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<**LOD**
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									
125		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]									
										Total:	0.147 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%) because: Not high enough concentration to be flammable.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.099%)

Classification of sample: WS103-12/12/2024-1.40-1.50m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS103-12/12/2024-1.40-1.50m
Moisture content:
3.4%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 3.4% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		3.5 mg/kg		3.385 mg/kg	0.000338 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.2 mg/kg	3.22	0.623 mg/kg	0.0000623 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		50.9 mg/kg	1.462	71.947 mg/kg	0.00719 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		15 mg/kg	1.252	18.159 mg/kg	0.00182 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	<5 mg/kg		<5 mg/kg	<0.0005 %		<**LOD**
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		7.2 mg/kg	2.637	18.36 mg/kg	0.00184 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		<**LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		25 mg/kg	4.398	106.333 mg/kg	0.0106 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		TPH (C6 to C40) petroleum group			TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.011	mg/kg		<0.011	mg/kg	<0.0000011 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
20		pH			PH		6.43	pH		6.43	pH	6.43 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
38		1,1-dichloroethane and 1,2-dichloroethane (combined)		203-458-1, 200-863-5	107-06-2, 75-34-3		<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
39		tetrachloroethylene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
40		carbon tetrachloride; tetrachloromethane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
41		trichloroethylene; trichloroethene				0.003	mg/kg		0.0029	mg/kg	0.00000029 %	✓	
		602-027-00-9	201-167-4	79-01-6									
42		vinyl chloride; chloroethylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
43		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44	●	dichlorodifluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
45		chloromethane; methyl chloride				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
46		bromomethane; methylbromide				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
47		chloroethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
48	●	trichlorofluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
49		1,1-dichloroethylene; vinylidene chloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
50		dichloromethane; methylene chloride				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2									
51	●	2,2-dichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
52	●	bromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									
53		chloroform; trichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
54		1,1,1-trichloroethane; methyl chloroform				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
55		1,1-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
56		1,2-dichloropropane; propylene dichloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
57		dibromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
58	●	bromodichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
59		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
60	●	trans-1,3-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
61		1,1,2-trichloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
62	●	1,3-dichloropropane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
63	●	dibromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
64		1,2-dibromoethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
65		chlorobenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
66	●	1,1,1,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
67		bromoform; tribromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
68		cumene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-024-00-X	202-704-5	98-82-8									
69		1,1,2,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
70		bromobenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
71		1,2,3-trichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
72		propylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-097-00-8	203-132-9	103-65-1									
73		mesitylene; 1,3,5-trimethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
74		tert-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
75		1,2,4-trimethylbenzene				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
76		sec-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
77		1-isopropyl-4-methylbenzene; p-cymene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-094-00-1	202-796-7	99-87-6									
78		1,3-dichlorbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
79		1,4-dichlorobenzene; p-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
80		n-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
81		1,2-dichlorobenzene; o-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
82		1,2-dibromo-3-chloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
83		1,2,4-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
84		hexachlorobutadiene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
85		1,2,3-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
86		styrene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
97		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
98		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
99		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
100		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
101		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
102		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
103		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
104		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
105		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
106		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
107		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
108		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
109		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
110		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
111		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
112		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
113		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
114		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
115		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
116		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
117		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
118		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
119		2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		603-096-00-8	203-961-6	112-34-5									
120		aniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-008-00-7	200-539-3	62-53-3									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
121		vanadium { divanadium pentaoxide; vanadium pentoxide }				11	mg/kg	1.785	18.991	mg/kg	0.0019 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
122		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
123		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
124		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<**LOD**
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									
125		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]									
										Total:	0.0287 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS103-12/12/2024-2.80-2.90m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS103-12/12/2024-2.80-2.90m
Moisture content:
8.1%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 8.1% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		2.2 mg/kg		2.035 mg/kg	0.000204 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.2 mg/kg	3.22	0.596 mg/kg	0.0000596 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		44.3 mg/kg	1.462	59.895 mg/kg	0.00599 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		6 mg/kg	1.252	6.948 mg/kg	0.000695 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	6 mg/kg		5.55 mg/kg	0.000555 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	0.1 mg/kg		0.0925 mg/kg	0.00000925 %	✓	
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		10.2 mg/kg	2.637	24.879 mg/kg	0.00249 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		<**LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		27 mg/kg	4.398	109.846 mg/kg	0.011 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		TPH (C6 to C40) petroleum group			TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.011	mg/kg		<0.011	mg/kg	<0.0000011 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
20		pH			PH		8.44	pH		8.44	pH	8.44 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
38		1,1-dichloroethane and 1,2-dichloroethane (combined)		203-458-1, 200-863-5	107-06-2, 75-34-3		<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
39		tetrachloroethylene	602-028-00-4	204-825-9	127-18-4		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
40		carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5		<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
41		trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6		0.281	mg/kg		0.26	mg/kg	0.000026 %	✓	
42		vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
43		hexachlorobenzene	602-065-00-6	204-273-9	118-74-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
44	●	dichlorodifluoromethane		200-893-9	75-71-8		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
45		chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
46		bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
47		chloroethane	602-009-00-0	200-830-5	75-00-3		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
48	●	trichlorofluoromethane		200-892-3	75-69-4		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
49		1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4		<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
50		dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2		<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<**LOD**
51	●	2,2-dichloropropane		209-832-0	594-20-7		<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
52	●	bromochloromethane		200-826-3	74-97-5		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
53		chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
54		1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
55		1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
56		1,2-dichloropropane; propylene dichloride	602-020-00-0	201-152-2	78-87-5		<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
57		dibromomethane	602-003-00-8	200-824-2	74-95-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
58	●	bromodichloromethane		200-856-7	75-27-4		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
59		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]		<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
60	●	trans-1,3-dichloropropene		431-460-4	10061-02-6		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
61		1,1,2-trichloroethane	602-014-00-8	201-166-9	79-00-5		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
62	●	1,3-dichloropropane		205-531-3	142-28-9		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
63	●	dibromochloromethane		204-704-0	124-48-1		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
64		1,2-dibromoethane	602-010-00-6	203-444-5	106-93-4		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
65		chlorobenzene	602-033-00-1	203-628-5	108-90-7		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
66	●	1,1,1,2-tetrachloroethane		211-135-1	630-20-6		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
67		bromoform; tribromomethane	602-007-00-X	200-854-6	75-25-2		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
68		cumene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-024-00-X	202-704-5	98-82-8									
69		1,1,2,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
70		bromobenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
71		1,2,3-trichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
72		propylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-097-00-8	203-132-9	103-65-1									
73		mesitylene; 1,3,5-trimethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
74		tert-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
75		1,2,4-trimethylbenzene				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
76		sec-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
77		1-isopropyl-4-methylbenzene; p-cymene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-094-00-1	202-796-7	99-87-6									
78		1,3-dichlorbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
79		1,4-dichlorobenzene; p-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
80		n-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
81		1,2-dichlorobenzene; o-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
82		1,2-dibromo-3-chloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
83		1,2,4-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
84		hexachlorobutadiene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
85		1,2,3-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
86		styrene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
97		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
98		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
99		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
100		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
101		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
102		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
103		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
104		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
105		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
106		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
107		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
108		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
109		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
110		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
111		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
112		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
113		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
114		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
115		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
116		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
117		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
118		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
119		2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		603-096-00-8	203-961-6	112-34-5									
120		aniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-008-00-7	200-539-3	62-53-3									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
121		vanadium { divanadium pentaoxide; vanadium pentoxide }				14	mg/kg	1.785	23.12	mg/kg	0.00231 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
122		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				0.019	mg/kg		0.0176	mg/kg	0.00000176 %	✓	
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
123		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
124		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<**LOD**
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									
125		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]									
										Total:	0.0278 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%) because: Not high enough concentration to be flammable.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3] (conc.: 1.76e-06%)

Classification of sample: CP105-12/12/2024-0.30-0.40m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
CP105-12/12/2024-0.30-0.40m
Moisture content:
14.5%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 14.5% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		8.5 mg/kg		7.424 mg/kg	0.000742 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		0.873 mg/kg	0.0000873 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.5 mg/kg	3.22	1.406 mg/kg	0.000141 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.4 mg/kg		0.349 mg/kg	0.0000349 %	✓	
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		44.9 mg/kg	1.462	57.313 mg/kg	0.00573 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		33 mg/kg	1.252	36.077 mg/kg	0.00361 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	47 mg/kg		41.048 mg/kg	0.0041 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		14.2 mg/kg	2.637	32.699 mg/kg	0.00327 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		<**LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		70 mg/kg	4.398	268.869 mg/kg	0.0269 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		TPH (C6 to C40) petroleum group			TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
20		pH			PH		7.99	pH		7.99	pH	7.99 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25		phenanthrene		201-581-5	85-01-8		0.17	mg/kg		0.148	mg/kg	0.0000148 %	✓	
26		anthracene		204-371-1	120-12-7		0.05	mg/kg		0.0437	mg/kg	0.00000437 %	✓	
27		fluoranthene		205-912-4	206-44-0		0.32	mg/kg		0.279	mg/kg	0.0000279 %	✓	
28		pyrene		204-927-3	129-00-0		0.32	mg/kg		0.279	mg/kg	0.0000279 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.21	mg/kg		0.183	mg/kg	0.0000183 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.23	mg/kg		0.201	mg/kg	0.0000201 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.21	mg/kg		0.183	mg/kg	0.0000183 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.08	mg/kg		0.0699	mg/kg	0.00000699 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.16	mg/kg		0.14	mg/kg	0.000014 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		0.09	mg/kg		0.0786	mg/kg	0.00000786 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		0.11	mg/kg		0.0961	mg/kg	0.00000961 %	✓	
37		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		24	mg/kg	1.785	37.419	mg/kg	0.00374 %	✓	
											Total:	0.0527 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: CP105-12/12/2024-0.50-0.60m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
CP105-12/12/2024-0.50-0.60m
Moisture content:
13.3%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 13.3% Dry Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.5	mg/kg		5.737	mg/kg	0.000574 %	✓	
2		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9	mg/kg		0.794	mg/kg	0.0000794 %	✓	
3		boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.2	mg/kg	3.22	0.568	mg/kg	0.0000568 %	✓	
4		cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		40	mg/kg	1.462	51.599	mg/kg	0.00516 %	✓	
6		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3	mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<**LOD**
7		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		5	mg/kg	1.252	5.524	mg/kg	0.000552 %	✓	
8		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	13	mg/kg		11.474	mg/kg	0.00115 %	✓	
9		mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
10		nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		7.4	mg/kg	2.637	17.221	mg/kg	0.00172 %	✓	
11		selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		1	mg/kg	2.351	2.075	mg/kg	0.000208 %	✓	
12		zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		39	mg/kg	4.398	151.385	mg/kg	0.0151 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		TPH (C6 to C40) petroleum group		TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
15		benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
20		pH		PH		7.79	pH		7.79	pH	7.79 pH		
21		naphthalene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
28		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-883-8	191-24-2									
37		vanadium { divanadium pentaoxide; vanadium pentoxide }				20	mg/kg	1.785	31.513	mg/kg	0.00315 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
										Total:	0.0318 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS109-12/12/2024-0.20-0.40m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS109-12/12/2024-0.20-0.40m
Moisture content:
9.6%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 9.6% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9 mg/kg		8.212 mg/kg	0.000821 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.821 mg/kg	0.0000821 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.7 mg/kg	3.22	2.056 mg/kg	0.000206 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.6 mg/kg		0.547 mg/kg	0.0000547 %	✓	
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		30.6 mg/kg	1.462	40.806 mg/kg	0.00408 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		25 mg/kg	1.252	28.553 mg/kg	0.00286 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	37 mg/kg		33.759 mg/kg	0.00338 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		13.2 mg/kg	2.637	31.756 mg/kg	0.00318 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		1 mg/kg	2.351	2.145 mg/kg	0.000215 %	✓	
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		104 mg/kg	4.398	417.321 mg/kg	0.0417 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		TPH (C6 to C40) petroleum group			TPH		372	mg/kg		339.416	mg/kg	0.0339 %	✓	
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		0.022	mg/kg		0.0201	mg/kg	0.00000201 %	✓	
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		0.029	mg/kg		0.0265	mg/kg	0.00000265 %	✓	
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
20		pH			PH		8.07	pH		8.07	pH	8.07 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<**LOD**
22		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
23		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
24		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<**LOD**
25		phenanthrene		201-581-5	85-01-8		0.31	mg/kg		0.283	mg/kg	0.0000283 %	✓	
26		anthracene		204-371-1	120-12-7		0.09	mg/kg		0.0821	mg/kg	0.00000821 %	✓	
27		fluoranthene		205-912-4	206-44-0		0.62	mg/kg		0.566	mg/kg	0.0000566 %	✓	
28		pyrene		204-927-3	129-00-0		0.62	mg/kg		0.566	mg/kg	0.0000566 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.37	mg/kg		0.338	mg/kg	0.0000338 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.36	mg/kg		0.328	mg/kg	0.0000328 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.41	mg/kg		0.374	mg/kg	0.0000374 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.16	mg/kg		0.146	mg/kg	0.0000146 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.28	mg/kg		0.255	mg/kg	0.0000255 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		0.16	mg/kg		0.146	mg/kg	0.0000146 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<**LOD**
36		benzo[ghi]perylene		205-883-8	191-24-2		0.19	mg/kg		0.173	mg/kg	0.0000173 %	✓	
37		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		18	mg/kg	1.785	29.319	mg/kg	0.00293 %	✓	
											Total:	0.094 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%) because: Not high enough concentration to be flammable.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

ethylbenzene (conc.: 2.01e-06%)

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinands:

TPH (C6 to C40) petroleum group (conc.: 0.0339%)
xylene (conc.: 2.65e-06%)

Classification of sample: WS109-12/12/2024-0.50-0.60m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS109-12/12/2024-0.50-0.60m
Moisture content:
16%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 16% Dry Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		23.4	mg/kg		20.172	mg/kg	0.00202 %	✓	
2		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.9	mg/kg		1.638	mg/kg	0.000164 %	✓	
3		boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.6	mg/kg	3.22	1.665	mg/kg	0.000167 %	✓	
4		cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		53.6	mg/kg	1.462	67.534	mg/kg	0.00675 %	✓	
6		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3	mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<**LOD**
7		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		5	mg/kg	1.252	5.396	mg/kg	0.00054 %	✓	
8		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	11	mg/kg		9.483	mg/kg	0.000948 %	✓	
9		mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	0.2	mg/kg		0.172	mg/kg	0.0000172 %	✓	
10		nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		16.4	mg/kg	2.637	37.277	mg/kg	0.00373 %	✓	
11		selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		1	mg/kg	2.351	2.027	mg/kg	0.000203 %	✓	
12		zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		68	mg/kg	4.398	257.809	mg/kg	0.0258 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		TPH (C6 to C40) petroleum group		TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
15		benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
20		pH		PH		6.85	pH		6.85	pH	6.85 pH		
21		naphthalene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
28		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-883-8	191-24-2									
37		vanadium { divanadium pentaoxide; vanadium pentoxide }				34	mg/kg	1.785	52.324	mg/kg	0.00523 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
										Total:	0.0496 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS102-12/12/2024-0.30-0.40m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS102-12/12/2024-0.30-0.40m
Moisture content:
16.5%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 16.5% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		15.4 mg/kg		13.219 mg/kg	0.00132 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.5 mg/kg		1.288 mg/kg	0.000129 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		1 mg/kg	3.22	2.764 mg/kg	0.000276 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.1 mg/kg		0.0858 mg/kg	0.00000858 %	✓	
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		59.4 mg/kg	1.462	74.521 mg/kg	0.00745 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		37 mg/kg	1.252	39.756 mg/kg	0.00398 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	61 mg/kg		52.361 mg/kg	0.00524 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	0.3 mg/kg		0.258 mg/kg	0.0000258 %	✓	
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		20.3 mg/kg	2.637	45.944 mg/kg	0.00459 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		<**LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		96 mg/kg	4.398	362.404 mg/kg	0.0362 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		TPH (C6 to C40) petroleum group			TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
20		pH			PH		7.07	pH		7.07	pH	7.07 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25		phenanthrene		201-581-5	85-01-8		0.43	mg/kg		0.369	mg/kg	0.0000369 %	✓	
26		anthracene		204-371-1	120-12-7		0.09	mg/kg		0.0773	mg/kg	0.00000773 %	✓	
27		fluoranthene		205-912-4	206-44-0		0.71	mg/kg		0.609	mg/kg	0.0000609 %	✓	
28		pyrene		204-927-3	129-00-0		0.7	mg/kg		0.601	mg/kg	0.0000601 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.38	mg/kg		0.326	mg/kg	0.0000326 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.47	mg/kg		0.403	mg/kg	0.0000403 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.42	mg/kg		0.361	mg/kg	0.0000361 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.16	mg/kg		0.137	mg/kg	0.0000137 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.34	mg/kg		0.292	mg/kg	0.0000292 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		0.16	mg/kg		0.137	mg/kg	0.0000137 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		0.2	mg/kg		0.172	mg/kg	0.0000172 %	✓	
37		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		37	mg/kg	1.785	56.697	mg/kg	0.00567 %	✓	
											Total:	0.0695 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS102-12/12/2024-0.50-0.60m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS102-12/12/2024-0.50-0.60m
Moisture content:
16.2%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 16.2% Dry Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9.5	mg/kg		8.176	mg/kg	0.000818 %	✓	
2		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.3	mg/kg		1.979	mg/kg	0.000198 %	✓	
3		boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.6	mg/kg	3.22	1.663	mg/kg	0.000166 %	✓	
4		cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		59.7	mg/kg	1.462	75.09	mg/kg	0.00751 %	✓	
6		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3	mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<**LOD**
7		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		11	mg/kg	1.252	11.85	mg/kg	0.00118 %	✓	
8		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	15	mg/kg		12.909	mg/kg	0.00129 %	✓	
9		mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	0.1	mg/kg		0.0861	mg/kg	0.00000861 %	✓	
10		nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		25.8	mg/kg	2.637	58.543	mg/kg	0.00585 %	✓	
11		selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		2	mg/kg	2.351	4.047	mg/kg	0.000405 %	✓	
12		zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		135	mg/kg	4.398	510.947	mg/kg	0.0511 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		TPH (C6 to C40) petroleum group		TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
15		benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
20		pH		PH		5.98	pH		5.98	pH	5.98 pH		
21		naphthalene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				0.1	mg/kg		0.0861	mg/kg	0.00000861 %	✓	
			205-912-4	206-44-0									
28		pyrene				0.12	mg/kg		0.103	mg/kg	0.0000103 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.08	mg/kg		0.0688	mg/kg	0.00000688 %	✓	
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.08	mg/kg		0.0688	mg/kg	0.00000688 %	✓	
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-883-8	191-24-2									
37		vanadium { divanadium pentaoxide; vanadium pentoxide }				44	mg/kg	1.785	67.597	mg/kg	0.00676 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
										Total:	0.0793 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS114-17/12/2024-0.30-0.40m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS114-17/12/2024-0.30-0.40m
Moisture content:
18%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 18% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		22.4 mg/kg		18.983 mg/kg	0.0019 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.1 mg/kg		0.932 mg/kg	0.0000932 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.4 mg/kg	3.22	1.091 mg/kg	0.000109 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		32.8 mg/kg	1.462	40.626 mg/kg	0.00406 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		27 mg/kg	1.252	28.642 mg/kg	0.00286 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	27 mg/kg		22.881 mg/kg	0.00229 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		14.3 mg/kg	2.637	31.953 mg/kg	0.0032 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		<**LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		145 mg/kg	4.398	540.423 mg/kg	0.054 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		TPH (C6 to C40) petroleum group			TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
20		pH			PH		8.77	pH		8.77	pH	8.77 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25		phenanthrene		201-581-5	85-01-8		0.07	mg/kg		0.0593	mg/kg	0.00000593 %	✓	
26		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		fluoranthene		205-912-4	206-44-0		0.12	mg/kg		0.102	mg/kg	0.0000102 %	✓	
28		pyrene		204-927-3	129-00-0		0.12	mg/kg		0.102	mg/kg	0.0000102 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.09	mg/kg		0.0763	mg/kg	0.00000763 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.08	mg/kg		0.0678	mg/kg	0.00000678 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.1	mg/kg		0.0847	mg/kg	0.00000847 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.04	mg/kg		0.0339	mg/kg	0.00000339 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.08	mg/kg		0.0678	mg/kg	0.00000678 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		0.06	mg/kg		0.0508	mg/kg	0.00000508 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		0.06	mg/kg		0.0508	mg/kg	0.00000508 %	✓	
37		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		26	mg/kg	1.785	39.335	mg/kg	0.00393 %	✓	
											Total:	0.0768 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS114-17/12/2024-0.50-0.60m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS114-17/12/2024-0.50-0.60m
Moisture content:
12.9%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 12.9% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		34.2 mg/kg		30.292 mg/kg	0.00303 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.797 mg/kg	0.0000797 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.4 mg/kg	3.22	1.141 mg/kg	0.000114 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		36 mg/kg	1.462	46.604 mg/kg	0.00466 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		6 mg/kg	1.252	6.652 mg/kg	0.000665 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	10 mg/kg		8.857 mg/kg	0.000886 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		8.5 mg/kg	2.637	19.851 mg/kg	0.00199 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		<**LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		32 mg/kg	4.398	124.653 mg/kg	0.0125 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		TPH (C6 to C40) petroleum group		TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
15		benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
20		pH		PH		8.6	pH		8.6	pH	8.6 pH		
21		naphthalene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				0.05	mg/kg		0.0443	mg/kg	0.00000443 %	✓	
			205-912-4	206-44-0									
28		pyrene				0.03	mg/kg		0.0266	mg/kg	0.00000266 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.03	mg/kg		0.0266	mg/kg	0.00000266 %	✓	
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-883-8	191-24-2									
37		vanadium { divanadium pentaoxide; vanadium pentoxide }				23	mg/kg	1.785	36.368	mg/kg	0.00364 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
										Total:	0.0318 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS104-17/12/2024-0.40-0.50m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS104-17/12/2024-0.40-0.50m
Moisture content:
17.3%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 17.3% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		14.1 mg/kg		12.02 mg/kg	0.0012 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.7 mg/kg		1.449 mg/kg	0.000145 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.8 mg/kg	3.22	2.196 mg/kg	0.00022 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		54.8 mg/kg	1.462	68.281 mg/kg	0.00683 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		36 mg/kg	1.252	38.418 mg/kg	0.00384 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	53 mg/kg		45.183 mg/kg	0.00452 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	0.2 mg/kg		0.171 mg/kg	0.0000171 %	✓	
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		25.2 mg/kg	2.637	56.645 mg/kg	0.00566 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		<**LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		112 mg/kg	4.398	419.921 mg/kg	0.042 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		TPH (C6 to C40) petroleum group			TPH		102	mg/kg		86.957	mg/kg	0.0087 %	✓	
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.011	mg/kg		<0.011	mg/kg	<0.0000011 %		<**LOD**
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
20		pH			PH		8.09	pH		8.09	pH	8.09 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		0.25	mg/kg		0.213	mg/kg	0.0000213 %	✓	
22		acenaphthylene		205-917-1	208-96-8		1.18	mg/kg		1.006	mg/kg	0.000101 %	✓	
23		acenaphthene		201-469-6	83-32-9		0.55	mg/kg		0.469	mg/kg	0.0000469 %	✓	
24		fluorene		201-695-5	86-73-7		0.46	mg/kg		0.392	mg/kg	0.0000392 %	✓	
25		phenanthrene		201-581-5	85-01-8		7.11	mg/kg		6.061	mg/kg	0.000606 %	✓	
26		anthracene		204-371-1	120-12-7		2.26	mg/kg		1.927	mg/kg	0.000193 %	✓	
27		fluoranthene		205-912-4	206-44-0		14.78	mg/kg		12.6	mg/kg	0.00126 %	✓	
28		pyrene		204-927-3	129-00-0		12.39	mg/kg		10.563	mg/kg	0.00106 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		6.5	mg/kg		5.541	mg/kg	0.000554 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		6.45	mg/kg		5.499	mg/kg	0.00055 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		8.24	mg/kg		7.025	mg/kg	0.000702 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		3.21	mg/kg		2.737	mg/kg	0.000274 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		6.74	mg/kg		5.746	mg/kg	0.000575 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		4.32	mg/kg		3.683	mg/kg	0.000368 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.83	mg/kg		0.708	mg/kg	0.0000708 %	✓	
36		benzo[ghi]perylene		205-883-8	191-24-2		3.74	mg/kg		3.188	mg/kg	0.000319 %	✓	
37		phenol	604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
38		1,1-dichloroethane and 1,2-dichloroethane (combined)		203-458-1, 200-863-5	107-06-2, 75-34-3		<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
39		tetrachloroethylene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
40		carbon tetrachloride; tetrachloromethane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
41		trichloroethylene; trichloroethene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
42		vinyl chloride; chloroethylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
43		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		dichlorodifluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
45		chloromethane; methyl chloride				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
46		bromomethane; methylbromide				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
47		chloroethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
48		trichlorofluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
49		1,1-dichloroethylene; vinylidene chloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
50		dichloromethane; methylene chloride				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2									
51		2,2-dichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
52		bromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									
53		chloroform; trichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
54		1,1,1-trichloroethane; methyl chloroform				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
55		1,1-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
56		1,2-dichloropropane; propylene dichloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
57		dibromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
58		bromodichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
59		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
60		trans-1,3-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
61		1,1,2-trichloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
62		1,3-dichloropropane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
63		dibromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
64		1,2-dibromoethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
65		chlorobenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
66		1,1,1,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
67		bromoform; tribromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
68		cumene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-024-00-X	202-704-5	98-82-8									
69		1,1,2,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
70		bromobenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
71		1,2,3-trichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
72		propylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-097-00-8	203-132-9	103-65-1									
73		mesitylene; 1,3,5-trimethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
74		tert-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
75		1,2,4-trimethylbenzene				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
76		sec-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
77		1-isopropyl-4-methylbenzene; p-cymene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-094-00-1	202-796-7	99-87-6									
78		1,3-dichlorbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
79		1,4-dichlorobenzene; p-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
80		n-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
81		1,2-dichlorobenzene; o-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
82		1,2-dibromo-3-chloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
83		1,2,4-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
84		hexachlorobutadiene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
85		1,2,3-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
86		styrene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
97		2-methyl naphthalene				0.049	mg/kg		0.0418	mg/kg	0.00000418 %	✓	
			202-078-3	91-57-6									
98		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
99		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
100		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
101		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
102		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
103		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
104		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
105		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
106		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
107		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
108		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
109		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
110		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
111		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
112		carbazole				0.048	mg/kg		0.0409	mg/kg	0.00000409 %	✓	
			201-696-0	86-74-8									
113		dibenzofuran				0.048	mg/kg		0.0409	mg/kg	0.00000409 %	✓	
			205-071-3	132-64-9									
114		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
115		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
116		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
117		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
118		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
119		2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		603-096-00-8	203-961-6	112-34-5									
120		aniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-008-00-7	200-539-3	62-53-3									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
121		vanadium { divanadium pentaoxide; vanadium pentoxide }				40	mg/kg	1.785	60.876	mg/kg	0.00609 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
122		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
123		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
124		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<**LOD**
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									
125		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]									
										Total:	0.0865 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%) because: Not high enough concentration to be flammable.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0087%)

Classification of sample: WS104-17/12/2024-1.00-1.10m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS104-17/12/2024-1.00-1.10m
Moisture content:
21.3%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 21.3% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		12.1 mg/kg		9.975 mg/kg	0.000998 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2 mg/kg		1.649 mg/kg	0.000165 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.3 mg/kg	3.22	0.796 mg/kg	0.0000796 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		49.5 mg/kg	1.462	59.643 mg/kg	0.00596 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		9 mg/kg	1.252	9.288 mg/kg	0.000929 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	13 mg/kg		10.717 mg/kg	0.00107 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		28.9 mg/kg	2.637	62.82 mg/kg	0.00628 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		1 mg/kg	2.351	1.938 mg/kg	0.000194 %	✓	
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		109 mg/kg	4.398	395.197 mg/kg	0.0395 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		TPH (C6 to C40) petroleum group			TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.011	mg/kg		<0.011	mg/kg	<0.0000011 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
20		pH			PH		7.05	pH		7.05	pH	7.05 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
38		1,1-dichloroethane and 1,2-dichloroethane (combined)		203-458-1, 200-863-5	107-06-2, 75-34-3		<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
39		tetrachloroethylene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
40		carbon tetrachloride; tetrachloromethane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
41		trichloroethylene; trichloroethene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
42		vinyl chloride; chloroethylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
43		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		dichlorodifluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
45		chloromethane; methyl chloride				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
46		bromomethane; methylbromide				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
47		chloroethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
48		trichlorofluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
49		1,1-dichloroethylene; vinylidene chloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
50		dichloromethane; methylene chloride				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2									
51		2,2-dichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
52		bromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									
53		chloroform; trichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
54		1,1,1-trichloroethane; methyl chloroform				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
55		1,1-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
56		1,2-dichloropropane; propylene dichloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
57		dibromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
58		bromodichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
59		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
60		trans-1,3-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
61		1,1,2-trichloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
62		1,3-dichloropropane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
63		dibromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
64		1,2-dibromoethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
65		chlorobenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
66		1,1,1,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
67		bromoform; tribromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
68		cumene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-024-00-X	202-704-5	98-82-8									
69		1,1,2,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
70		bromobenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
71		1,2,3-trichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
72		propylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-097-00-8	203-132-9	103-65-1									
73		mesitylene; 1,3,5-trimethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
74		tert-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
75		1,2,4-trimethylbenzene				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
76		sec-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
77		1-isopropyl-4-methylbenzene; p-cymene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-094-00-1	202-796-7	99-87-6									
78		1,3-dichlorbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
79		1,4-dichlorobenzene; p-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
80		n-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
81		1,2-dichlorobenzene; o-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
82		1,2-dibromo-3-chloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
83		1,2,4-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
84		hexachlorobutadiene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
85		1,2,3-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
86		styrene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
97		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
98		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
99		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
100		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
101		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
102		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
103		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
104		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
105		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
106		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
107		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
108		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
109		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
110		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
111		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
112		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
113		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
114		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
115		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
116		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
117		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
118		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
119		2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		603-096-00-8	203-961-6	112-34-5									
120		aniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-008-00-7	200-539-3	62-53-3									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
121		vanadium { divanadium pentaoxide; vanadium pentoxide }				39	mg/kg	1.785	57.397	mg/kg	0.00574 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
122		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
123		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
124		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<**LOD**
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									
125		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]									
										Total:	0.0651 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS101-17/12/2024-0.10-0.20m

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:
WS101-17/12/2024-0.10-0.20m
Moisture content:
12.5%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.758%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.758%)

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Hazard Statements hit:

Aquatic Chronic 1; H410 "Very toxic to aquatic life with long lasting effects."

Because of determinands:

copper(II) oxide (compound conc.: 0.107%)
zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] (compound conc.: 0.309%)

Determinands

Moisture content: 12.5% Dry Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		21.4	mg/kg		19.022	mg/kg	0.0019 %	✓	
2		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		3.1	mg/kg		2.756	mg/kg	0.000276 %	✓	
3		boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.2	mg/kg	3.22	0.572	mg/kg	0.0000572 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
4		cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.6	mg/kg		0.533	mg/kg	0.0000533 %	✓	
5		chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		30.6	mg/kg	1.462	39.754	mg/kg	0.00398 %	✓	
6		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3	mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<**LOD**
7		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		959	mg/kg	1.252	1067.07	mg/kg	0.107 %	✓	
8		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	94	mg/kg		83.556	mg/kg	0.00836 %	✓	
9		mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
10		nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		40.6	mg/kg	2.637	95.155	mg/kg	0.00952 %	✓	
11		selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1	mg/kg	2.351	<2.351	mg/kg	<0.000235 %		<**LOD**
12		zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		790	mg/kg	4.398	3088.321	mg/kg	0.309 %	✓	
13		TPH (C6 to C40) petroleum group			TPH		8532	mg/kg		7584	mg/kg	0.758 %	✓	
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		0.009	mg/kg		0.008	mg/kg	0.0000008 %	✓	
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
20		pH			PH		8.51	pH		8.51	pH	8.51 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		2.04	mg/kg		1.813	mg/kg	0.000181 %	✓	
22		acenaphthylene		205-917-1	208-96-8		2.43	mg/kg		2.16	mg/kg	0.000216 %	✓	
23		acenaphthene		201-469-6	83-32-9		15.75	mg/kg		14	mg/kg	0.0014 %	✓	
24		fluorene		201-695-5	86-73-7		18.23	mg/kg		16.204	mg/kg	0.00162 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
25		phenanthrene				183.36	mg/kg		162.987	mg/kg	0.0163 %	✓	
			201-581-5	85-01-8									
26		anthracene				67.06	mg/kg		59.609	mg/kg	0.00596 %	✓	
			204-371-1	120-12-7									
27		fluoranthene				373.51	mg/kg		332.009	mg/kg	0.0332 %	✓	
			205-912-4	206-44-0									
28		pyrene				311.38	mg/kg		276.782	mg/kg	0.0277 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				164.19	mg/kg		145.947	mg/kg	0.0146 %	✓	
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				161.08	mg/kg		143.182	mg/kg	0.0143 %	✓	
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				181.14	mg/kg		161.013	mg/kg	0.0161 %	✓	
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				70.44	mg/kg		62.613	mg/kg	0.00626 %	✓	
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				156.92	mg/kg		139.484	mg/kg	0.0139 %	✓	
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				100.99	mg/kg		89.769	mg/kg	0.00898 %	✓	
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				18.17	mg/kg		16.151	mg/kg	0.00162 %	✓	
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				94.21	mg/kg		83.742	mg/kg	0.00837 %	✓	
			205-883-8	191-24-2									
37		vanadium { divanadium pentaoxide; vanadium pentoxide }				54	mg/kg	1.785	85.689	mg/kg	0.00857 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
										Total:	1.378 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%) because: Not high enough concentration to be flammable.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinands:

TPH (C6 to C40) petroleum group (conc.: 0.758%)
xylene (conc.: 8.0e-07%)

Classification of sample: WS101-17/12/2024-0.30-0.40m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS101-17/12/2024-0.30-0.40m
Moisture content:
22.5%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 22.5% Dry Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		19.6	mg/kg		16	mg/kg	0.0016 %	✓	
2		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.1	mg/kg		1.714	mg/kg	0.000171 %	✓	
3		boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.8	mg/kg	3.22	2.103	mg/kg	0.00021 %	✓	
4		cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		55.4	mg/kg	1.462	66.098	mg/kg	0.00661 %	✓	
6		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3	mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<**LOD**
7		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		93	mg/kg	1.252	95.033	mg/kg	0.0095 %	✓	
8		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	92	mg/kg		75.102	mg/kg	0.00751 %	✓	
9		mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	0.7	mg/kg		0.571	mg/kg	0.0000571 %	✓	
10		nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		28.2	mg/kg	2.637	60.698	mg/kg	0.00607 %	✓	
11		selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1	mg/kg	2.351	<2.351	mg/kg	<0.000235 %		<**LOD**
12		zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		188	mg/kg	4.398	674.947	mg/kg	0.0675 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		TPH (C6 to C40) petroleum group		TPH		187	mg/kg		152.653	mg/kg	0.0153 %	✓	
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
		603-181-00-X	216-653-1	1634-04-4									
15		benzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
16		toluene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.011	mg/kg		<0.011	mg/kg	<0.0000011 %		<**LOD**
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
		006-007-00-5											
20		pH		PH		8.27	pH		8.27	pH	8.27 pH		
21		naphthalene				0.07	mg/kg		0.0571	mg/kg	0.00000571 %	✓	
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				0.07	mg/kg		0.0571	mg/kg	0.00000571 %	✓	
			205-917-1	208-96-8									
23		acenaphthene				0.12	mg/kg		0.098	mg/kg	0.0000098 %	✓	
			201-469-6	83-32-9									
24		fluorene				0.12	mg/kg		0.098	mg/kg	0.0000098 %	✓	
			201-695-5	86-73-7									
25		phenanthrene				1.35	mg/kg		1.102	mg/kg	0.00011 %	✓	
			201-581-5	85-01-8									
26		anthracene				0.34	mg/kg		0.278	mg/kg	0.0000278 %	✓	
			204-371-1	120-12-7									
27		fluoranthene				2.36	mg/kg		1.927	mg/kg	0.000193 %	✓	
			205-912-4	206-44-0									
28		pyrene				2.14	mg/kg		1.747	mg/kg	0.000175 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				1.09	mg/kg		0.89	mg/kg	0.000089 %	✓	
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				1.26	mg/kg		1.029	mg/kg	0.000103 %	✓	
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				1.35	mg/kg		1.102	mg/kg	0.00011 %	✓	
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.52	mg/kg		0.424	mg/kg	0.0000424 %	✓	
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				1.16	mg/kg		0.947	mg/kg	0.0000947 %	✓	
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.69	mg/kg		0.563	mg/kg	0.0000563 %	✓	
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				0.16	mg/kg		0.131	mg/kg	0.0000131 %	✓	
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.69	mg/kg		0.563	mg/kg	0.0000563 %	✓	
			205-883-8	191-24-2									
37		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
38		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<**LOD**
			203-458-1, 200-863-5	107-06-2, 75-34-3									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
39		tetrachloroethylene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4							
40		carbon tetrachloride; tetrachloromethane				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5							
41		trichloroethylene; trichloroethene				0.005 mg/kg		0.004 mg/kg	0.000000408 %	✓	
		602-027-00-9	201-167-4	79-01-6							
42		vinyl chloride; chloroethylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4							
43		hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1							
44		dichlorodifluoromethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8							
45		chloromethane; methyl chloride				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3							
46		bromomethane; methylbromide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9							
47		chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3							
48		trichlorofluoromethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4							
49		1,1-dichloroethylene; vinylidene chloride				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4							
50		dichloromethane; methylene chloride				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2							
51		2,2-dichloropropane				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7							
52		bromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5							
53		chloroform; trichloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3							
54		1,1,1-trichloroethane; methyl chloroform				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6							
55		1,1-dichloropropene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6							
56		1,2-dichloropropane; propylene dichloride				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5							
57		dibromomethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3							
58		bromodichloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4							
59		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
60		trans-1,3-dichloropropene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6							
61		1,1,2-trichloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5							
62		1,3-dichloropropane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9							
63		dibromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1							
64		1,2-dibromoethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4							
65		chlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7							
66		1,1,1,2-tetrachloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6							
67		bromoform; tribromomethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2							

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
68		cumene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-024-00-X	202-704-5	98-82-8									
69		1,1,2,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
70		bromobenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
71		1,2,3-trichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
72		propylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-097-00-8	203-132-9	103-65-1									
73		mesitylene; 1,3,5-trimethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
74		tert-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
75		1,2,4-trimethylbenzene				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
76		sec-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
77		1-isopropyl-4-methylbenzene; p-cymene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-094-00-1	202-796-7	99-87-6									
78		1,3-dichlorbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
79		1,4-dichlorobenzene; p-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
80		n-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
81		1,2-dichlorobenzene; o-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
82		1,2-dibromo-3-chloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
83		1,2,4-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
84		hexachlorobutadiene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
85		1,2,3-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
86		styrene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
97		2-methyl naphthalene				0.047	mg/kg		0.0384	mg/kg	0.00000384 %	✓	
			202-078-3	91-57-6									
98		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
99		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
100		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
101		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
102		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
103		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
104		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
105		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
106		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
107		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
108		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
109		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
110		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
111		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
112		carbazole				0.038	mg/kg		0.031	mg/kg	0.0000031 %	✓	
			201-696-0	86-74-8									
113		dibenzofuran				0.051	mg/kg		0.0416	mg/kg	0.00000416 %	✓	
			205-071-3	132-64-9									
114		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
115		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
116		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
117		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
118		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
119		2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		603-096-00-8	203-961-6	112-34-5									
120		aniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-008-00-7	200-539-3	62-53-3									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
121		vanadium { divanadium pentaoxide; vanadium pentoxide }				47	mg/kg	1.785	68.493	mg/kg	0.00685 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
122		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
123		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
124		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<**LOD**
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									
125		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]									
										Total:	0.123 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%) because: Not high enough concentration to be flammable.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0153%)

Classification of sample: WS101-17/12/2024-0.50-0.60m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS101-17/12/2024-0.50-0.60m
Moisture content:
21.8%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 21.8% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		13.1 mg/kg		10.755 mg/kg	0.00108 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.5 mg/kg		2.053 mg/kg	0.000205 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.6 mg/kg	3.22	1.586 mg/kg	0.000159 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		58.5 mg/kg	1.462	70.198 mg/kg	0.00702 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		51 mg/kg	1.252	52.414 mg/kg	0.00524 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	25 mg/kg		20.525 mg/kg	0.00205 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		28.3 mg/kg	2.637	61.263 mg/kg	0.00613 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		<**LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		173 mg/kg	4.398	624.664 mg/kg	0.0625 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		TPH (C6 to C40) petroleum group		TPH		62	mg/kg		50.903	mg/kg	0.00509 %	✓	
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
15		benzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		toluene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.011	mg/kg		<0.011	mg/kg	<0.0000011 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
20		pH		PH		7.85	pH		7.85	pH	7.85 pH		
21		naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				0.32	mg/kg		0.263	mg/kg	0.0000263 %	✓	
			201-581-5	85-01-8									
26		anthracene				0.1	mg/kg		0.0821	mg/kg	0.00000821 %	✓	
			204-371-1	120-12-7									
27		fluoranthene				1.07	mg/kg		0.878	mg/kg	0.0000878 %	✓	
			205-912-4	206-44-0									
28		pyrene				0.99	mg/kg		0.813	mg/kg	0.0000813 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.62	mg/kg		0.509	mg/kg	0.0000509 %	✓	
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.67	mg/kg		0.55	mg/kg	0.000055 %	✓	
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				0.75	mg/kg		0.616	mg/kg	0.0000616 %	✓	
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.29	mg/kg		0.238	mg/kg	0.0000238 %	✓	
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				0.65	mg/kg		0.534	mg/kg	0.0000534 %	✓	
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.39	mg/kg		0.32	mg/kg	0.000032 %	✓	
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				0.09	mg/kg		0.0739	mg/kg	0.00000739 %	✓	
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.38	mg/kg		0.312	mg/kg	0.0000312 %	✓	
			205-883-8	191-24-2									
37		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
39		tetrachloroethylene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
40		carbon tetrachloride; tetrachloromethane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
41		trichloroethylene; trichloroethene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
42		vinyl chloride; chloroethylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
43		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		dichlorodifluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
45		chloromethane; methyl chloride				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
46		bromomethane; methylbromide				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
47		chloroethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
48		trichlorofluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
49		1,1-dichloroethylene; vinylidene chloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
50		dichloromethane; methylene chloride				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2									
51		2,2-dichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
52		bromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									
53		chloroform; trichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
54		1,1,1-trichloroethane; methyl chloroform				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
55		1,1-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
56		1,2-dichloropropane; propylene dichloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
57		dibromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
58		bromodichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
59		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
60		trans-1,3-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
61		1,1,2-trichloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
62		1,3-dichloropropane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
63		dibromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
64		1,2-dibromoethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
65		chlorobenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
66		1,1,1,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
67		bromoform; tribromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
68		cumene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-024-00-X	202-704-5	98-82-8									
69		1,1,2,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
70		bromobenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
71		1,2,3-trichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
72		propylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-097-00-8	203-132-9	103-65-1									
73		mesitylene; 1,3,5-trimethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
74		tert-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
75		1,2,4-trimethylbenzene				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
76		sec-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
77		1-isopropyl-4-methylbenzene; p-cymene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-094-00-1	202-796-7	99-87-6									
78		1,3-dichlorbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
79		1,4-dichlorobenzene; p-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
80		n-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
81		1,2-dichlorobenzene; o-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
82		1,2-dibromo-3-chloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
83		1,2,4-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
84		hexachlorobutadiene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
85		1,2,3-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
86		styrene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
97		2-methyl naphthalene				0.044	mg/kg		0.0361	mg/kg	0.00000361 %	✓	
			202-078-3	91-57-6									
98		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
99		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
100		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
101		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
102		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
103		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
104		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
105		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
106		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
107		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
108		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
109		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
110		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
111		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
112		carbazole				0.099	mg/kg		0.0813	mg/kg	0.00000813 %	✓	
			201-696-0	86-74-8									
113		dibenzofuran				0.046	mg/kg		0.0378	mg/kg	0.00000378 %	✓	
			205-071-3	132-64-9									
114		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
115		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
116		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
117		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
118		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
119		2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		603-096-00-8	203-961-6	112-34-5									
120		aniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-008-00-7	200-539-3	62-53-3									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
121		vanadium { divanadium pentaoxide; vanadium pentoxide }				53	mg/kg	1.785	77.68	mg/kg	0.00777 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
122		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
123		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
124		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<**LOD**
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									
125		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]									
										Total:	0.0983 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%) because: Not high enough concentration to be flammable.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00509%)

Classification of sample: WS110-10/12/2024-0.30m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS110-10/12/2024-0.30m
Moisture content:
20.2%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 20.2% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		8 mg/kg		6.656 mg/kg	0.000666 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.499 mg/kg	0.0000499 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.5 mg/kg	3.22	1.339 mg/kg	0.000134 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		54 mg/kg	1.462	65.661 mg/kg	0.00657 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		16 mg/kg	1.252	16.663 mg/kg	0.00167 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	23 mg/kg		19.135 mg/kg	0.00191 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		15.8 mg/kg	2.637	34.659 mg/kg	0.00347 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		<**LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		66 mg/kg	4.398	241.483 mg/kg	0.0241 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		TPH (C6 to C40) petroleum group		TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
15		benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
20		pH		PH		8.13	pH		8.13	pH	8.13 pH		
21		naphthalene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				0.05	mg/kg		0.0416	mg/kg	0.00000416 %	✓	
			205-912-4	206-44-0									
28		pyrene				0.05	mg/kg		0.0416	mg/kg	0.00000416 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-883-8	191-24-2									
37		vanadium { divanadium pentaoxide; vanadium pentoxide }				25	mg/kg	1.785	37.129	mg/kg	0.00371 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
										Total:	0.0466 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS113-10/12/2024-0.30-0.40m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS113-10/12/2024-0.30-0.40m
Moisture content:
8.6%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 8.6% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.2 mg/kg		5.709 mg/kg	0.000571 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5 mg/kg		0.46 mg/kg	0.000046 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.8 mg/kg	3.22	2.372 mg/kg	0.000237 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		**<LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		57.7 mg/kg	1.462	77.654 mg/kg	0.00777 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		**<LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		33 mg/kg	1.252	38.037 mg/kg	0.0038 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	15 mg/kg		13.812 mg/kg	0.00138 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		**<LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		9.8 mg/kg	2.637	23.793 mg/kg	0.00238 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		**<LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		20 mg/kg	4.398	80.993 mg/kg	0.0081 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		TPH (C6 to C40) petroleum group			TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		0.005	mg/kg		0.0046	mg/kg	0.00000046 %	✓	
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
20		pH			PH		8.82	pH		8.82	pH	8.82 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		0.08	mg/kg		0.0737	mg/kg	0.00000737 %	✓	
22		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25		phenanthrene		201-581-5	85-01-8		0.04	mg/kg		0.0368	mg/kg	0.00000368 %	✓	
26		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
37		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		12	mg/kg	1.785	19.726	mg/kg	0.00197 %	✓	
											Total:	0.0305 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%) because: Not high enough concentration to be flammable.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

toluene (conc.: 4.6e-07%)

Classification of sample: WS113-10/12/2024-1.50-1.60m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS113-10/12/2024-1.50-1.60m
Moisture content:
6.5%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 6.5% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9.3 mg/kg		8.732 mg/kg	0.000873 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.563 mg/kg	0.0000563 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.2 mg/kg	3.22	0.605 mg/kg	0.0000605 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		57.1 mg/kg	1.462	78.361 mg/kg	0.00784 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		8 mg/kg	1.252	9.403 mg/kg	0.00094 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	7 mg/kg		6.573 mg/kg	0.000657 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		14.3 mg/kg	2.637	35.403 mg/kg	0.00354 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		<**LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		25 mg/kg	4.398	103.238 mg/kg	0.0103 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		TPH (C6 to C40) petroleum group				<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
				TPH									
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
15		benzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		toluene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.011	mg/kg		<0.011	mg/kg	<0.0000011 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
20		pH				7.97	pH		7.97	pH	7.97 pH		
				PH									
21		naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
28		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-883-8	191-24-2									
37		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
39		tetrachloroethylene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
40		carbon tetrachloride; tetrachloromethane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
41		trichloroethylene; trichloroethene				0.02	mg/kg		0.0188	mg/kg	0.00000188 %	✓	
		602-027-00-9	201-167-4	79-01-6									
42		vinyl chloride; chloroethylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
43		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		dichlorodifluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
45		chloromethane; methyl chloride				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
46		bromomethane; methylbromide				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
47		chloroethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
48		trichlorofluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
49		1,1-dichloroethylene; vinylidene chloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
50		dichloromethane; methylene chloride				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2									
51		2,2-dichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
52		bromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									
53		chloroform; trichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
54		1,1,1-trichloroethane; methyl chloroform				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
55		1,1-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
56		1,2-dichloropropane; propylene dichloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
57		dibromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
58		bromodichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
59		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
60		trans-1,3-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
61		1,1,2-trichloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
62		1,3-dichloropropane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
63		dibromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
64		1,2-dibromoethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
65		chlorobenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
66		1,1,1,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
67		bromoform; tribromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
68		cumene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-024-00-X	202-704-5	98-82-8									
69		1,1,2,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
70		bromobenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
71		1,2,3-trichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
72		propylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-097-00-8	203-132-9	103-65-1									
73		mesitylene; 1,3,5-trimethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
74		tert-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
75		1,2,4-trimethylbenzene				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
76		sec-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
77		1-isopropyl-4-methylbenzene; p-cymene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-094-00-1	202-796-7	99-87-6									
78		1,3-dichlorbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
79		1,4-dichlorobenzene; p-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
80		n-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
81		1,2-dichlorobenzene; o-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
82		1,2-dibromo-3-chloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
83		1,2,4-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
84		hexachlorobutadiene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
85		1,2,3-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
86		styrene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
97		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
98		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
99		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
100		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
101		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
102		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
103		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
104		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
105		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
106		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
107		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
108		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
109		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
110		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
111		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
112		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
113		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
114		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
115		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
116		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
117		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
118		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
119		2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		603-096-00-8	203-961-6	112-34-5									
120		aniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-008-00-7	200-539-3	62-53-3									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
121		vanadium { divanadium pentaoxide; vanadium pentoxide }				19	mg/kg	1.785	31.848	mg/kg	0.00318 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
122		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				0.006	mg/kg		0.0056	mg/kg	0.000000563 %	✓	
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
123		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
124		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<**LOD**
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									
125		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]									
										Total:	0.0319 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%) because: Not high enough concentration to be flammable.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3] (conc.: 5.63e-07%)

Classification of sample: CP101-10/12/2024-0.30-0.40m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
CP101-10/12/2024-0.30-0.40m
Moisture content:
20.3%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 20.3% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		16.2 mg/kg		13.466 mg/kg	0.00135 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.6 mg/kg		1.33 mg/kg	0.000133 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		1.1 mg/kg	3.22	2.944 mg/kg	0.000294 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.2 mg/kg		0.166 mg/kg	0.0000166 %	✓	
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		57.5 mg/kg	1.462	69.858 mg/kg	0.00699 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		37 mg/kg	1.252	38.5 mg/kg	0.00385 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	96 mg/kg		79.8 mg/kg	0.00798 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	0.6 mg/kg		0.499 mg/kg	0.0000499 %	✓	
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		20 mg/kg	2.637	43.835 mg/kg	0.00438 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		<LOD
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		116 mg/kg	4.398	424.073 mg/kg	0.0424 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		TPH (C6 to C40) petroleum group		TPH		234	mg/kg		194.514	mg/kg	0.0195 %	✓	
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
15		benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
20		pH		PH		8	pH		8	pH	8pH		
21		naphthalene				0.06	mg/kg		0.0499	mg/kg	0.00000499 %	✓	
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				0.08	mg/kg		0.0665	mg/kg	0.00000665 %	✓	
			205-917-1	208-96-8									
23		acenaphthene				0.06	mg/kg		0.0499	mg/kg	0.00000499 %	✓	
			201-469-6	83-32-9									
24		fluorene				0.07	mg/kg		0.0582	mg/kg	0.00000582 %	✓	
			201-695-5	86-73-7									
25		phenanthrene				0.84	mg/kg		0.698	mg/kg	0.0000698 %	✓	
			201-581-5	85-01-8									
26		anthracene				0.29	mg/kg		0.241	mg/kg	0.0000241 %	✓	
			204-371-1	120-12-7									
27		fluoranthene				3.55	mg/kg		2.951	mg/kg	0.000295 %	✓	
			205-912-4	206-44-0									
28		pyrene				3.58	mg/kg		2.976	mg/kg	0.000298 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				2.02	mg/kg		1.679	mg/kg	0.000168 %	✓	
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				2.3	mg/kg		1.912	mg/kg	0.000191 %	✓	
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				2.93	mg/kg		2.436	mg/kg	0.000244 %	✓	
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				1.14	mg/kg		0.948	mg/kg	0.0000948 %	✓	
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				2.74	mg/kg		2.278	mg/kg	0.000228 %	✓	
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				1.42	mg/kg		1.18	mg/kg	0.000118 %	✓	
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				0.19	mg/kg		0.158	mg/kg	0.0000158 %	✓	
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				1.34	mg/kg		1.114	mg/kg	0.000111 %	✓	
			205-883-8	191-24-2									
37		vanadium { divanadium pentaoxide; vanadium pentoxide }				34	mg/kg	1.785	50.454	mg/kg	0.00505 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
										Total:	0.0942 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%) because: Not high enough concentration to be flammable.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0195%)

Classification of sample: CP104-09/12/2024-0.40-0.50m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
CP104-09/12/2024-0.40-0.50m
Moisture content:
14.8%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 14.8% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		32.5 mg/kg		28.31 mg/kg	0.00283 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.4 mg/kg		2.091 mg/kg	0.000209 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		1.3 mg/kg	3.22	3.646 mg/kg	0.000365 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		61.6 mg/kg	1.462	78.425 mg/kg	0.00784 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		69 mg/kg	1.252	75.237 mg/kg	0.00752 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	99 mg/kg		86.237 mg/kg	0.00862 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		40.5 mg/kg	2.637	93.019 mg/kg	0.0093 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		<**LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		82 mg/kg	4.398	314.138 mg/kg	0.0314 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		TPH (C6 to C40) petroleum group		TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2	<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3	0.01	mg/kg		0.0087	mg/kg	0.000000871 %	✓	
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4	0.011	mg/kg		0.0095	mg/kg	0.000000958 %	✓	
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	0.154	mg/kg		0.134	mg/kg	0.0000134 %	✓	
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			2.4	mg/kg	1.884	3.939	mg/kg	0.000394 %	✓	
20		pH		PH		9.29	pH		9.29	pH	9.29 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3	0.16	mg/kg		0.139	mg/kg	0.0000139 %	✓	
22		acenaphthylene		205-917-1	208-96-8	<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluorene		201-695-5	86-73-7	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25		phenanthrene		201-581-5	85-01-8	0.1	mg/kg		0.0871	mg/kg	0.00000871 %	✓	
26		anthracene		204-371-1	120-12-7	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		fluoranthene		205-912-4	206-44-0	<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
28		pyrene		204-927-3	129-00-0	<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
38		1,1-dichloroethane and 1,2-dichloroethane (combined)		203-458-1, 200-863-5	107-06-2, 75-34-3	<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
39		tetrachloroethylene				0.008	mg/kg		0.0069	mg/kg	0.000000697 %	✓	
		602-028-00-4	204-825-9	127-18-4									
40		carbon tetrachloride; tetrachloromethane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
41		trichloroethylene; trichloroethene				0.037	mg/kg		0.0322	mg/kg	0.00000322 %	✓	
		602-027-00-9	201-167-4	79-01-6									
42		vinyl chloride; chloroethylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
43		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		dichlorodifluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
45		chloromethane; methyl chloride				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
46		bromomethane; methylbromide				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
47		chloroethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
48		trichlorofluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
49		1,1-dichloroethylene; vinylidene chloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
50		dichloromethane; methylene chloride				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2									
51		2,2-dichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
52		bromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									
53		chloroform; trichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
54		1,1,1-trichloroethane; methyl chloroform				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
55		1,1-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
56		1,2-dichloropropane; propylene dichloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
57		dibromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
58		bromodichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
59		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
60		trans-1,3-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
61		1,1,2-trichloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
62		1,3-dichloropropane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
63		dibromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
64		1,2-dibromoethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
65		chlorobenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
66		1,1,1,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
67		bromoform; tribromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
68		cumene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-024-00-X	202-704-5	98-82-8									
69		1,1,2,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
70		bromobenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
71		1,2,3-trichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
72		propylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-097-00-8	203-132-9	103-65-1									
73		mesitylene; 1,3,5-trimethylbenzene				0.005	mg/kg		0.0043	mg/kg	0.000000436 %	✓	
		601-025-00-5	203-604-4	108-67-8									
74		tert-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
75		1,2,4-trimethylbenzene				0.013	mg/kg		0.0113	mg/kg	0.00000113 %	✓	
		601-043-00-3	202-436-9	95-63-6									
76		sec-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
77		1-isopropyl-4-methylbenzene; p-cymene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-094-00-1	202-796-7	99-87-6									
78		1,3-dichlorbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
79		1,4-dichlorobenzene; p-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
80		n-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
81		1,2-dichlorobenzene; o-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
82		1,2-dibromo-3-chloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
83		1,2,4-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
84		hexachlorobutadiene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
85		1,2,3-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
86		styrene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
97		2-methyl naphthalene				0.336	mg/kg		0.293	mg/kg	0.0000293 %	✓	
			202-078-3	91-57-6									
98		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
99		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
100		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
101		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
102		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
103		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
104		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
105		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
106		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
107		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
108		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
109		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
110		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
111		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
112		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
113		dibenzofuran				0.099	mg/kg		0.0862	mg/kg	0.00000862 %	✓	
			205-071-3	132-64-9									
114		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
115		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
116		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
117		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
118		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
119		2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		603-096-00-8	203-961-6	112-34-5									
120		aniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-008-00-7	200-539-3	62-53-3									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
121		vanadium { divanadium pentaoxide; vanadium pentoxide }				64	mg/kg	1.785	99.523	mg/kg	0.00995 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
122		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
123		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
124		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<**LOD**
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									
125		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]									
										Total:	0.0828 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%) because: Not high enough concentration to be flammable.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinands:

toluene (conc.: 8.71e-07%)
ethylbenzene (conc.: 9.58e-07%)

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinands:

xylene (conc.: 0.00001%)
mesitylene; 1,3,5-trimethylbenzene (conc.: 4.36e-07%)
1,2,4-trimethylbenzene (conc.: 1.13e-06%)

Classification of sample: WS112-09/12/2024-0.20-0.30m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS112-09/12/2024-0.20-0.30m
Moisture content:
9.5%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 9.5% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.6 mg/kg		4.201 mg/kg	0.00042 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.4 mg/kg	3.22	1.176 mg/kg	0.000118 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.7 mg/kg		0.639 mg/kg	0.0000639 %	✓	
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		18.5 mg/kg	1.462	24.693 mg/kg	0.00247 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		15 mg/kg	1.252	17.148 mg/kg	0.00171 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	16 mg/kg		14.612 mg/kg	0.00146 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		7.3 mg/kg	2.637	17.578 mg/kg	0.00176 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		<**LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		51 mg/kg	4.398	204.835 mg/kg	0.0205 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		TPH (C6 to C40) petroleum group			TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.011	mg/kg		<0.011	mg/kg	<0.0000011 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
20		pH			PH		10.26	pH		10.26	pH	10.26 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25		phenanthrene		201-581-5	85-01-8		0.08	mg/kg		0.0731	mg/kg	0.00000731 %	✓	
26		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		fluoranthene		205-912-4	206-44-0		0.12	mg/kg		0.11	mg/kg	0.000011 %	✓	
28		pyrene		204-927-3	129-00-0		0.11	mg/kg		0.1	mg/kg	0.00001 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.09	mg/kg		0.0822	mg/kg	0.00000822 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.13	mg/kg		0.119	mg/kg	0.0000119 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.08	mg/kg		0.0731	mg/kg	0.00000731 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.03	mg/kg		0.0274	mg/kg	0.00000274 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.07	mg/kg		0.0639	mg/kg	0.00000639 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
38		1,1-dichloroethane and 1,2-dichloroethane (combined)		203-458-1, 200-863-5	107-06-2, 75-34-3		<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
39		tetrachloroethylene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
40		carbon tetrachloride; tetrachloromethane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
41		trichloroethylene; trichloroethene				0.03	mg/kg		0.0274	mg/kg	0.00000274 %	✓	
		602-027-00-9	201-167-4	79-01-6									
42		vinyl chloride; chloroethylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
43		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		dichlorodifluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
45		chloromethane; methyl chloride				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
46		bromomethane; methylbromide				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
47		chloroethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
48		trichlorofluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
49		1,1-dichloroethylene; vinylidene chloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
50		dichloromethane; methylene chloride				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2									
51		2,2-dichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
52		bromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									
53		chloroform; trichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
54		1,1,1-trichloroethane; methyl chloroform				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
55		1,1-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
56		1,2-dichloropropane; propylene dichloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
57		dibromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
58		bromodichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
59		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
60		trans-1,3-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
61		1,1,2-trichloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
62		1,3-dichloropropane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
63		dibromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
64		1,2-dibromoethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
65		chlorobenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
66		1,1,1,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
67		bromoform; tribromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
68		cumene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-024-00-X	202-704-5	98-82-8									
69		1,1,2,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
70		bromobenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
71		1,2,3-trichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
72		propylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-097-00-8	203-132-9	103-65-1									
73		mesitylene; 1,3,5-trimethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
74		tert-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
75		1,2,4-trimethylbenzene				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
76		sec-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
77		1-isopropyl-4-methylbenzene; p-cymene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-094-00-1	202-796-7	99-87-6									
78		1,3-dichlorbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
79		1,4-dichlorobenzene; p-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
80		n-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
81		1,2-dichlorobenzene; o-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
82		1,2-dibromo-3-chloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
83		1,2,4-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
84		hexachlorobutadiene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
85		1,2,3-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
86		styrene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
97		2-methyl naphthalene				0.022	mg/kg		0.0201	mg/kg	0.00000201 %	✓	
			202-078-3	91-57-6									
98		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				0.333	mg/kg		0.304	mg/kg	0.0000304 %	✓	
		607-317-00-9	204-211-0	117-81-7									
99		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
100		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
101		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
102		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
103		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
104		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
105		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
106		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
107		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
108		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
109		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
110		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
111		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
112		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
113		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
114		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
115		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
116		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
117		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
118		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
119		2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		603-096-00-8	203-961-6	112-34-5									
120		aniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-008-00-7	200-539-3	62-53-3									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
121		vanadium { divanadium pentaoxide; vanadium pentoxide }				9	mg/kg	1.785	14.673	mg/kg	0.00147 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
122		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
123		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
124		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<**LOD**
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									
125		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]									
										Total:	0.0344 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS112-09/12/2024-0.70-0.80m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
WS112-09/12/2024-0.70-0.80m
Moisture content:
15.6%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 15.6% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		19.1 mg/kg		16.522 mg/kg	0.00165 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.2 mg/kg		1.038 mg/kg	0.000104 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.4 mg/kg	3.22	1.114 mg/kg	0.000111 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		47.1 mg/kg	1.462	59.55 mg/kg	0.00595 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		11 mg/kg	1.252	11.911 mg/kg	0.00119 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	19 mg/kg		16.436 mg/kg	0.00164 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		16.1 mg/kg	2.637	36.722 mg/kg	0.00367 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		<1 mg/kg	2.351	<2.351 mg/kg	<0.000235 %		<**LOD**
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		49 mg/kg	4.398	186.417 mg/kg	0.0186 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		TPH (C6 to C40) petroleum group			TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.011	mg/kg		<0.011	mg/kg	<0.0000011 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
20		pH			PH		7.43	pH		7.43	pH	7.43 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25		phenanthrene		201-581-5	85-01-8		0.09	mg/kg		0.0779	mg/kg	0.00000779 %	✓	
26		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		fluoranthene		205-912-4	206-44-0		0.16	mg/kg		0.138	mg/kg	0.0000138 %	✓	
28		pyrene		204-927-3	129-00-0		0.16	mg/kg		0.138	mg/kg	0.0000138 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.12	mg/kg		0.104	mg/kg	0.0000104 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.12	mg/kg		0.104	mg/kg	0.0000104 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.12	mg/kg		0.104	mg/kg	0.0000104 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.04	mg/kg		0.0346	mg/kg	0.00000346 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.09	mg/kg		0.0779	mg/kg	0.00000779 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		0.06	mg/kg		0.0519	mg/kg	0.00000519 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		0.07	mg/kg		0.0606	mg/kg	0.00000606 %	✓	
37		phenol	604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
38		1,1-dichloroethane and 1,2-dichloroethane (combined)		203-458-1, 200-863-5	107-06-2, 75-34-3		<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
39		tetrachloroethylene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
40		carbon tetrachloride; tetrachloromethane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
41		trichloroethylene; trichloroethene				0.055	mg/kg		0.0476	mg/kg	0.00000476 %	✓	
		602-027-00-9	201-167-4	79-01-6									
42		vinyl chloride; chloroethylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
43		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		dichlorodifluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
45		chloromethane; methyl chloride				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
46		bromomethane; methylbromide				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
47		chloroethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
48		trichlorofluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
49		1,1-dichloroethylene; vinylidene chloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
50		dichloromethane; methylene chloride				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2									
51		2,2-dichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
52		bromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									
53		chloroform; trichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
54		1,1,1-trichloroethane; methyl chloroform				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
55		1,1-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
56		1,2-dichloropropane; propylene dichloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
57		dibromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
58		bromodichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
59		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
60		trans-1,3-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
61		1,1,2-trichloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
62		1,3-dichloropropane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
63		dibromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
64		1,2-dibromoethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
65		chlorobenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
66		1,1,1,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
67		bromoform; tribromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
68		cumene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-024-00-X	202-704-5	98-82-8									
69		1,1,2,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
70		bromobenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
71		1,2,3-trichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
72		propylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-097-00-8	203-132-9	103-65-1									
73		mesitylene; 1,3,5-trimethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
74		tert-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
75		1,2,4-trimethylbenzene				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
76		sec-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
77		1-isopropyl-4-methylbenzene; p-cymene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-094-00-1	202-796-7	99-87-6									
78		1,3-dichlorbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
79		1,4-dichlorobenzene; p-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
80		n-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
81		1,2-dichlorobenzene; o-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
82		1,2-dibromo-3-chloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
83		1,2,4-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
84		hexachlorobutadiene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
85		1,2,3-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
86		styrene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
97		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
98		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
99		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
100		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
101		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
102		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
103		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
104		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
105		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
106		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
107		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
108		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
109		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
110		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
111		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
112		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
113		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
114		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
115		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
116		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
117		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
118		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
119		2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		603-096-00-8	203-961-6	112-34-5									
120		aniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-008-00-7	200-539-3	62-53-3									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
121		vanadium { divanadium pentaoxide; vanadium pentoxide }				29	mg/kg	1.785	44.784	mg/kg	0.00448 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
122		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
123		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
124		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<**LOD**
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									
125		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]									
										Total:	0.0419 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: CP103-09/12/2024-0.30-0.40m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
CP103-09/12/2024-0.30-0.40m
Moisture content:
24.5%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 24.5% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		15.6 mg/kg		12.53 mg/kg	0.00125 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.5 mg/kg		1.205 mg/kg	0.00012 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.9 mg/kg	3.22	2.328 mg/kg	0.000233 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		**<LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		67.2 mg/kg	1.462	78.889 mg/kg	0.00789 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		**<LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		32 mg/kg	1.252	32.174 mg/kg	0.00322 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	47 mg/kg		37.751 mg/kg	0.00378 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	4 mg/kg		3.213 mg/kg	0.000321 %	✓	
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		32 mg/kg	2.637	67.77 mg/kg	0.00678 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		2 mg/kg	2.351	3.777 mg/kg	0.000378 %	✓	
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		165 mg/kg	4.398	582.858 mg/kg	0.0583 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		TPH (C6 to C40) petroleum group			TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.011	mg/kg		<0.011	mg/kg	<0.0000011 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
20		pH			PH		8.32	pH		8.32	pH	8.32 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25		phenanthrene		201-581-5	85-01-8		0.05	mg/kg		0.0402	mg/kg	0.00000402 %	✓	
26		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		fluoranthene		205-912-4	206-44-0		0.07	mg/kg		0.0562	mg/kg	0.00000562 %	✓	
28		pyrene		204-927-3	129-00-0		0.06	mg/kg		0.0482	mg/kg	0.00000482 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.06	mg/kg		0.0482	mg/kg	0.00000482 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.05	mg/kg		0.0402	mg/kg	0.00000402 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
38		1,1-dichloroethane and 1,2-dichloroethane (combined)		203-458-1, 200-863-5	107-06-2, 75-34-3		<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
39		tetrachloroethylene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
40		carbon tetrachloride; tetrachloromethane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
41		trichloroethylene; trichloroethene				0.005	mg/kg		0.004	mg/kg	0.000000402 %	✓	
		602-027-00-9	201-167-4	79-01-6									
42		vinyl chloride; chloroethylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
43		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		dichlorodifluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
45		chloromethane; methyl chloride				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
46		bromomethane; methylbromide				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
47		chloroethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
48		trichlorofluoromethane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
49		1,1-dichloroethylene; vinylidene chloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
50		dichloromethane; methylene chloride				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2									
51		2,2-dichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
52		bromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									
53		chloroform; trichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
54		1,1,1-trichloroethane; methyl chloroform				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
55		1,1-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
56		1,2-dichloropropane; propylene dichloride				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
57		dibromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
58		bromodichloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
59		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
60		trans-1,3-dichloropropene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
61		1,1,2-trichloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
62		1,3-dichloropropane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
63		dibromochloromethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
64		1,2-dibromoethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
65		chlorobenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
66		1,1,1,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
67		bromoform; tribromomethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
68		cumene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-024-00-X	202-704-5	98-82-8									
69		1,1,2,2-tetrachloroethane				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
70		bromobenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
71		1,2,3-trichloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
72		propylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-097-00-8	203-132-9	103-65-1									
73		mesitylene; 1,3,5-trimethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
74		tert-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
75		1,2,4-trimethylbenzene				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
76		sec-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
77		1-isopropyl-4-methylbenzene; p-cymene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-094-00-1	202-796-7	99-87-6									
78		1,3-dichlorbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
79		1,4-dichlorobenzene; p-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
80		n-butylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
81		1,2-dichlorobenzene; o-dichlorobenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
82		1,2-dibromo-3-chloropropane				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
83		1,2,4-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
84		hexachlorobutadiene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
85		1,2,3-trichlorobenzene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
86		styrene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
97		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
98		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
99		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
100		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
101		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
102		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
103		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
104		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
105		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
106		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
107		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
108		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
109		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
110		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
111		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
112		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
113		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
114		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
115		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
116		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
117		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
118		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
119		2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		603-096-00-8	203-961-6	112-34-5									
120		aniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-008-00-7	200-539-3	62-53-3									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
121		vanadium { divanadium pentaoxide; vanadium pentoxide }				52	mg/kg	1.785	74.562	mg/kg	0.00746 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
122		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
123		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
124		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<**LOD**
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									
125		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]									
										Total:	0.0939 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: CP103-09/12/2024-0.50-0.60m

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
CP103-09/12/2024-0.50-0.60m
Moisture content:
21.9%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 21.9% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		19 mg/kg		15.587 mg/kg	0.00156 %	✓	
2	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.3 mg/kg		1.066 mg/kg	0.000107 %	✓	
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2		0.6 mg/kg	3.22	1.585 mg/kg	0.000158 %	✓	
4	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		52.1 mg/kg	1.462	62.467 mg/kg	0.00625 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		6 mg/kg	1.252	6.161 mg/kg	0.000616 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	12 mg/kg		9.844 mg/kg	0.000984 %	✓	
9	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	0.2 mg/kg		0.164 mg/kg	0.0000164 %	✓	
10	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		29.6 mg/kg	2.637	64.025 mg/kg	0.0064 %	✓	
11	selenium { nickel(II) selenite }	028-048-00-8	233-263-7	10101-96-9		3 mg/kg	2.351	5.786 mg/kg	0.000579 %	✓	
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		172 mg/kg	4.398	620.544 mg/kg	0.0621 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		TPH (C6 to C40) petroleum group			TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
20		pH			PH		7.57	pH		7.57	pH	7.57 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
37		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		47	mg/kg	1.785	68.83	mg/kg	0.00688 %	✓	
											Total:	0.0896 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non GB MCL determinands

- **arsenic** (EC Number: 231-148-6, CAS Number: 7440-38-2)

GB MCL index number: 033-001-00-X
Description/Comments: Worst Case: IARC considers arsenic Group 1; Carcinogenic to humans
Additional Hazard Statement(s): Carc. 1A; H350
Reason for additional Hazards Statement(s):
20 Nov 2021 - Carc. 1A; H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

- **cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex**

GB MCL index number: 048-001-00-5
Description/Comments: Worst Case: IARC considers cadmium compounds Group 1; Carcinogenic to humans
Additional Hazard Statement(s): Carc. 1A; H350
Reason for additional Hazards Statement(s):
20 Nov 2021 - Carc. 1A; H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

- **chromium(III) oxide** (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from ECHA's C&L inventory database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 30 Apr 2020
Hazard Statements: Acute Tox. 4; H302 , Skin Sens. 1; H317 , Eye Irrit. 2; H319

- **lead compounds with the exception of those specified elsewhere in this Annex (worst case)**

GB MCL index number: 082-001-00-6
Description/Comments: Worst Case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following MCL protocols, considers lead compounds from smelting industries, flue dust and similar to be Carcinogenic category 1A
Additional Hazard Statement(s): Carc. 1A; H350
Reason for additional Hazards Statement(s):
20 Nov 2021 - Carc. 1A; H350 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html (worst case lead compounds). Review date 29/09/2015

- **TPH (C6 to C40) petroleum group** (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , STOT RE 2; H373 , Muta. 1B; H340 , Carc. 1B; H350 , Repr. 2; H361d , Aquatic Chronic 2; H411

- **ethylbenzene** (EC Number: 202-849-4, CAS Number: 100-41-4)

GB MCL index number: 601-023-00-4
Description/Comments:
Additional Hazard Statement(s): Carc. 2; H351
Reason for additional Hazards Statement(s):
20 Nov 2021 - Carc. 2; H351 hazard statement sourced from: IARC Group 2B (77) 2000

- **salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex**

GB MCL index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
20 Nov 2021 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

- **pH** (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

- **acenaphthylene** (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 1; H330 , Acute Tox. 1; H310 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315

acenaphthene (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Aquatic Chronic 2; H411

fluorene (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

phenanthrene (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4; H302 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Carc. 2; H351 , Skin Sens. 1; H317 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Skin Irrit. 2; H315

anthracene (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

fluoranthene (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4; H302 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

pyrene (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

indeno[123-cd]pyrene (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2; H351

benzo[ghi]perylene (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

1,1-dichloroethane and 1,2-dichloroethane (combined) (EC Number: 203-458-1, 200-863-5, CAS Number: 107-06-2, 75-34-3)

Description/Comments: Combines the hazard statements and risk phrases for 1,1-dichloroethane and 1,2-dichloroethane
Data source: N/a
Data source date: 14 Oct 2016
Hazard Statements: Flam. Liq. 2; H225 , Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Carc. 1B; H350 , Aquatic Chronic 3; H412

dichlorodifluoromethane (EC Number: 200-893-9, CAS Number: 75-71-8)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Aquatic Chronic 3; H412 , Ozone 1; H420 , Press. Gas; H280

trichlorofluoromethane (EC Number: 200-892-3, CAS Number: 75-69-4)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H312 , Ozone 1; H420

2,2-dichloropropane (EC Number: 209-832-0, CAS Number: 594-20-7)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H332 , Flam. Liq. 2; H225 , Acute Tox. 4; H302 , Acute Tox. 4; H312 , Eye Irrit. 2; H319

bromochloromethane (EC Number: 200-826-3, CAS Number: 74-97-5)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H312 , Skin Corr. 1B; H314 , Eye Dam. 1; H318 , Acute Tox. 4; H332 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Ozone 1; H420

bromodichloromethane (EC Number: 200-856-7, CAS Number: 75-27-4)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Dam. 1; H318 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Muta. 1B; H340 , Carc. 1B; H350 , Repr. 1A; H360

trans-1,3-dichloropropene (EC Number: 431-460-4, CAS Number: 10061-02-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Flam. Liq. 3; H226 , Acute Tox. 3; H301 , Asp. Tox. 1; H304 , Acute Tox. 3; H311 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Eye Irrit. 2; H319 , Acute Tox. 4; H332 , STOT SE 3; H335 , Aquatic Chronic 1; H410

1,3-dichloropropane (EC Number: 205-531-3, CAS Number: 142-28-9)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H332 , Flam. Liq. 2; H225 , Flam. Liq. 3; H226 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335

dibromochloromethane (EC Number: 204-704-0, CAS Number: 124-48-1)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 3;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 4; H312 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 4; H332 , STOT SE 3; H335 , STOT SE 3; H336 , Muta. 2; H341 , Aquatic Chronic 2; H411

1,1,1,2-tetrachloroethane (EC Number: 211-135-1, CAS Number: 630-20-6)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 1; H310 , Eye Irrit. 2; H319 , Acute Tox. 3; H331 , Eye Dam. 1; H318 , Acute Tox. 4; H332 , Carc. 2; H351 , Acute Tox. 4; H312 , Aquatic Chronic 3; H412 , Skin Irrit. 2; H315

tert-butylbenzene (EC Number: 202-632-4, CAS Number: 98-06-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Flam. Liq. 3; H226 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 3; H331 , Acute Tox. 4; H332 , STOT SE 3; H335 , Asp. Tox. 1; H304 , Aquatic Chronic 2; H411

sec-butylbenzene (EC Number: 205-227-0, CAS Number: 135-98-8)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Aquatic Chronic 2; H411

n-butylbenzene (EC Number: 203-209-7, CAS Number: 104-51-8)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Flam. Liq. 3; H226 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

hexachlorobutadiene (EC Number: 201-765-5, CAS Number: 87-68-3)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 3;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 3; H301 , Acute Tox. 2; H310 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Eye Irrit. 2; H319 , Acute Tox. 2; H330 , Carc. 2; H351 , Repr. 2; H361 , STOT SE 2; H371 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

1,2,3-trichlorobenzene (EC Number: 201-757-1, CAS Number: 87-61-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , STOT SE 3; H336 , Aquatic Acute 1; H400 , Aquatic Chronic 3; H410

2-nitrophenol (EC Number: 201-857-5, CAS Number: 88-75-5)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 4; H312 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 4; H332 , STOT SE 3; H335 , STOT RE 2; H373 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

2-chloronaphthalene (EC Number: 202-079-9, CAS Number: 91-58-7)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315

2-methyl naphthalene (EC Number: 202-078-3, CAS Number: 91-57-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , STOT SE 3; H336 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

di-n-octyl phthalate (EC Number: 204-214-7, CAS Number: 117-84-0)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Repr. 2; H361 , Skin Sens. 1; H317 , Resp. Sens. 1; H334 , Eye Irrit. 2; H319 , Aquatic Chronic 4; H413

diethyl phthalate (EC Number: 201-550-6, CAS Number: 84-66-2)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Skin Irrit. 2; H315 , Acute Tox. 3; H331 , Acute Tox. 3; H311 , STOT SE 3; H335 , STOT RE 2; H373 , Repr. 2; H361 , Acute Tox. 4; H302 , STOT SE 3; H336 , Skin Sens. 1; H317 , Aquatic Chronic 1; H410

dimethyl phthalate (EC Number: 205-011-6, CAS Number: 131-11-3)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 3; H331 , STOT SE 3; H335 , STOT SE 3; H336 , Repr. 2; H361 , Aquatic Chronic 3; H412

4-bromophenylphenylether (EC Number: 202-952-4, CAS Number: 101-55-3)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Eye Dam. 1; H318 , Eye Irrit. 2; H319 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

4-chlorophenylphenylether (EC Number: 230-281-7, CAS Number: 7005-72-3)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Eye Dam. 1; H318 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

bis(2-chloroethoxy)methane (EC Number: 203-920-2, CAS Number: 111-91-1)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 3; H301 , Acute Tox. 4; H312 , Acute Tox. 1; H330 , Acute Tox. 2; H330 , STOT SE 1; H370 , STOT RE 2; H373

carbazole (EC Number: 201-696-0, CAS Number: 86-74-8)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Muta. 2; H341 , Carc. 2; H351 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Acute Tox. 3; H331 , Acute Tox. 3; H311 , Acute Tox. 3; H301

dibenzofuran (EC Number: 205-071-3, CAS Number: 132-64-9)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 4; H312 , Acute Tox. 4; H332 , Aquatic Chronic 2; H411

hexachloroethane (EC Number: 200-666-4, CAS Number: 67-72-1)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Carc. 2; H351 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , STOT RE 2; H373

Appendix B: Rationale for selection of metal species

arsenic {arsenic}

Most reasonable worst case.

beryllium {beryllium}

Most reasonable worst case.

boron {diboron trioxide}

Most reasonable worst case.

cadmium {cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex}

Most reasonable worst case.

chromium in chromium(III) compounds {chromium(III) oxide}

Most reasonable worst case.

chromium in chromium(VI) compounds {chromium(VI) oxide}

Most reasonable worst case.

copper {copper(II) oxide}

Most reasonable worst case.

lead {lead compounds with the exception of those specified elsewhere in this Annex (worst case)}

Most reasonable worst case.

mercury {inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex}

Most likely worst case.

nickel {nickel sulfate}

Most reasonable worst case.

selenium {nickel(II) selenite}

Most reasonable worst case.

zinc {zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2]}

Most reasonable worst case.

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide]

vanadium {divanadium pentaoxide; vanadium pentoxide}

Metal species.

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.2.GB - Oct 2021
HazWasteOnline Classification Engine Version: 2025.24.6453.11761 (25 Jan 2025)
HazWasteOnline Database: 2025.24.6453.11761 (25 Jan 2025)

This classification utilises the following guidance and legislation:
WM3 v1.2.GB - Waste Classification - 1st Edition v1.2.GB - Oct 2021
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
GB MCL List - version 1.1 of 09 June 2021
GB MCL List v2.0 - version 2.0 of 20th October 2023
GB MCL List v3.0 - version 3.0 of 11th January 2024
GB MCL List v4.0 - version 4.0 of 2nd March 2024
GB MCL List v5.0 - version 5.0 of 26th June 2024

Appendix H Geotechnical risk register

Geotechnical Hazard Identification – Following Ground Investigation

The probability and impact of a hazard have been judged on a qualitative scale as set out in Table J.2. The degree of risk (R) is determined by combining tan assessment of the probability (P) of the hazard occurring with an assessment of the impact (I) of the hazard and associated mitigation it will require if it occurs (R = P x I).

Table I.1: Qualitative assessment of hazards and risks

P = Probability		I = Impact		R = Risk Rating (P x I)	
1	Very unlikely (VU)	1	Very Low	1 – 4	None / negligible
2	Unlikely (U)	2	Low	5 – 9	Minor
3	Plausible (P)	3	Medium	10 – 14	Moderate
4	Likely (Lk)	4	High	15 – 19	Substantial
5	Very Likely (VLk)	5	Very High	20 - 25	Severe

Table I.2: Geotechnical Risk Register

Hazard	Comments	Who is at Risk	Consequence	Risk Before Mitigation			Actions Required
				P	I	R	
Uncontrolled Made Ground (variable strength and compressibility).	There is Made Ground due to historical construction activity at the site.	Commercial buildings	Bearing capacity failure, settlement (total and differential).	3	4	12	Design foundations to found below Made Ground or on Made Ground which has been improved.
		Roads and Pavements.	Settlement (total and differential) of roads and pavements.	3	2	6	Design roads and pavements using suitable geotechnical parameters and increase the sub-base and use geo-grids as appropriate.
		Services.	Settlement (differential), causing damage to services.	1	2	2	Given the shallow depth of Made Ground services will likely be installed in the medium dense sands of the Glaciofluvial Deposits, settlement is not anticipated to pose a risk to services.
		Construction staff, vehicles and plant operators.	Trafficking of the site in temporary conditions. Overturning of plant during construction.	3	3	9	Where soft spots or loose spots are encountered, over-excavation and replacement with suitable fill. Outline design of working platform to include geo-grid. Site inspection and watching brief by Contractor to review working platform frequently and regularly.
Soft / loose ground (low strength and high settlement potential).	The shallow natural soils comprise Glaciofluvial Sheet deposits which consist of and sand and gravel locally with a loose relative density.	Commercial Buildings	Foundation bearing capacity failure, settlement (total and differential).	3	4	12	Locally the shallow sands of the Glaciofluvial Sheet Deposits are loose in CP103 and therefore pad foundation will require deepening into the medium dense sands.
			Floor slab failure.	2	4	8	It anticipated the natural sands will be capable of supporting a ground bearing floor slab. Loose area may require additional proof rolling.
		Roads and Pavements.	Settlement (total and differential), of roads and pavements.	3	3	9	Design roads and pavements using suitable geotechnical parameters and increase the sub-base and use geo-grids as appropriate. If anticipated settlements are significant, and cannot be mitigated by design, over-excavate and replace soft soils.
		Construction staff, vehicles and plant operators.	Trafficking of the site in temporary conditions. Overturning of plant during construction.	3	3	9	Where soft spots or loose spots are encountered, over-excavate and replace with suitable fill. Design working platform to suit the ground conditions. Site inspection and watching brief by Contractor to review working platform frequently and regularly.

Hazard	Comments	Who is at Risk	Consequence	Risk Before Mitigation			Actions Required
				P	I	R	
Shrinkage / swelling of the clay fraction of soils under the influence of vegetation.	The cohesive Glacial Till are at depths of 3.0m bgl whereby they are not considered to have been impacted by desiccation.	Foundations.	Shrinkage or heave of soils and associated damage to foundations.	2	3	6	No further action required as pad foundations will be founded in the granular and considering the depth of cohesive soils they are not considered to have been impacted by desiccation.
		Floor slabs.	Floor slab failure.	1	4	4	It anticipated the natural sands will be capable of supporting a ground bearing floor slab.
Sulphates present in the soils.	The ground investigation has proven that there is unlikely to be the potential for expansive sulphate bearing soils to be present.	Attack of buried concrete.	Damage to concrete and reduction in strength.	1	4	4	Classify concrete in accordance with BRE SD1 and design concrete accordingly.
Obstructions.	Obstructions have been proven by the investigation and there is a potential for additional obstructions to be present due to historical construction activity, or unknown fill in Made Ground.	Construction staff, vehicles and plant operators.	Risk of collapse of excavation as obstructions are pulled out.	4	3	12	Allow for a breaker to be present during construction and remove obstructions where encountered during construction.
		Roads and Pavements.	Hard spots in externals and roads / pavements.	3	2	6	
Shallow groundwater.	Monitoring during the ground investigations has proven a shallow groundwater table (at approximately 2m bgl).	Construction staff, vehicles and plant operators.	Difficulty with excavation.	3	3	9	Contractor to appoint competent Temporary Works Designer to design temporary works, in accordance with BS 5975:2008+A1:2011. Temporary Works Designer to consider in their analysis the impact of, and requirements for, de-watering of excavations. Any water that collects at the base of excavations to be removed as soon as practicable.

Hazard	Comments	Who is at Risk	Consequence	Risk Before Mitigation			Actions Required
				P	I	R	
Running sands and / or loose Made Ground, leading to difficulty with excavation and collapse of side walls.	The ground investigation has indicated that there is a potential for loose natural soils and Made Ground to be present at the site.	Construction staff, vehicles and plant operators.	Ground failure, instability of plant and machinery.	3	4	12	Contractor to appoint competent Temporary Works Designer to design temporary works, in accordance with BS 5975:2008+A1:2011. Temporary Works Design to include recommendations for inspection of excavations. No person entry to unsupported excavations.
			Risk of collapse of excavation.	4	3	12	
Unforeseen ground conditions.	Additional information will be obtained during construction. Ground conditions are only defined at exploratory hole locations.	All aspects of the development		3	4	12	Designers to be contacted if conditions encountered are different to those identified during investigation. Regular inspections of excavations and earthworks for evidence of stability. Adequate investigation required to characterise the site and understand the potential risks.

Whilst the probability and impact of the hazard occurring can be reduced to a minimum by geotechnical design, the impact cannot be reduced below very low. The risk register will need to be up-dated, as necessary, to reflect design, additional information, data and experience as it is gained through the construction process.

Impacts of the design with regard to health and Safety considerations will need to be included by the designer at design stage.

Appendix I Plausible source-pathway-receptor contaminant linkages

Summary of potential contaminant linkages

Table K.2 lists the plausible contaminant linkages which have been identified. These are considered as potentially unacceptable risks in line with guidelines published in LCRM (2023) and additional risk assessment is required.

Source – Pathway – Receptor Linkages have been assessed in general accordance with guidance in CIRIA Report C552 (Rudland *et al* 2001) but modified to add a 'no linkage' category and to remove low/moderate risk (See Table K.1).

It should be noted that whilst the risk assessment process undertaken in this report may identify potential risks to site demolition and redevelopment workers, consideration of occupational health and safety issues is beyond the scope of this report and need to be considered separately in the Construction Phase Health and Safety Plan.

Table J.1: Consequence versus probability assessment.

		Consequence			
Probability		Severe	Medium	Mild	Minor
	High Likelihood	Very high risk	High risk	Moderate risk	Low risk
	Likely	High risk	Moderate risk	Low risk	Very low risk
	Low Likelihood	Moderate risk	Low risk	Low risk	Very low risk
	Unlikely	Low risk	Very low risk	Very low risk	Very low risk
	No Linkage	No risk			

Table J.2: Exposure model – final source-pathway-receptor contaminant linkages

Sources	Possible Pathways	Receptors	Probability	Consequence	Risk Level	Comments
Made Ground associated with current and historical use of site, possibly including contamination resulting from leaks and spills of oils, hydrocarbon and solvents and PFAS.	Ingestion, inhalation or direct contact.	Site users.	Low Likelihood	Medium	Low	The ground investigation found only an isolated hotspot of PAHs which will remain below hardstanding. All other determinands were either below the laboratory detection limits of GACs. The chlorinated solvents in the soils are at low levels and in the groundwater at low levels which are not considered to pose a vapour risk The risks posed by non-volatile contaminants will be mitigated by the presence of hard surfacing across the site which will break the exposure pathway.
	Leaching/ migration through unsaturated zone.	Secondary A aquifer	Low likelihood	Medium	Low	The made ground is unsaturated and the site will be covered by hard surfacing with a surface water drainage network. Therefore, there will be limited infiltration of rainfall and leaching is expected to be minimal.
Groundwater impacted by chlorinated hydrocarbons	Lateral transport in groundwater	River Mersey	Low likelihood	Medium	Low	Given the low concentration of chlorinated solvents in the shallow groundwater which are below the WQT in the deeper groundwater remediation of the groundwater is considered unnecessary. The shallow groundwater is unlikely to be in direct hydraulic continuity with the River Mersey due to the clayey soils east limiting horizontal flow, suggesting the Glaciofluvial Sheet Deposits pinch out to the east. Downgradient boreholes in the deep groundwater contained chlorinated solvents below the WQT.
Ground gases (methane) from nearby landfill	Migration, build up and explosion.	Site users. Neighbours. Buildings on site. Buildings on adjacent sites.	Unlikely	Severe	Low	Ground gas monitoring has indicated no concentrations of carbon dioxide above 5% or methane above 1%. There were low flows and gas screening values were calculated as CS1. Worst case conditions have been monitored during the 3rd visit therefore results are considered reflective of worst case falls in atmospheric pressure. CS1 conditions and no mitigation required for methane.

Sources	Possible Pathways	Receptors	Probability	Consequence	Risk Level	Comments
Asbestos-containing materials in the buildings and Made Ground.	Fugitive dust (during construction).	Construction workers	Likely	Severe	High	Asbestos is confirmed be present in existing buildings and in Made Ground. Any ACM encountered during breaking out of hardstanding will need to be handpicked and removed from site. Manage soils in accordance with CAR SOILS 2012.
		Neighbours.	Unlikely	Severe	Low	Liaison with an asbestos specialist in relation to the hand picking of ACMs during the removal of the existing hardstanding and production of a letter outlining works to be provided to the LPA for approval; Careful removal will be required from buildings during demolition. However, removal under controlled conditions should limit release of fibres to the air and the ground.
Asbestos fibres in soil or occasional asbestos-containing materials in the Made Ground	Inhalation of fugitive dust.	Site users	Unlikely	Severe	Low	The risks to site users will be mitigated by the presence of hard surfacing across the site which will break the exposure pathway.