



FORMER JOHN LEWIS DEPOT, LETCOMBE STREET, READING
(ALSO KNOWN AS JLP MILL LANE)

GEOTECHNICAL AND ENVIRONMENTAL SITE INVESTIGATION
AUGUST 2024



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FORMER JOHN LEWIS DEPOT, LETCOMBE STREET, READING (also known as JLP Mill Lane) PHASE I AND II ENVIRONMENTAL SITE ASSESSMENT

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EXECUTIVE SUMMARY

This report presents the findings and conclusions of a combined Phase I and Phase II Environmental Site Assessment (ESA) undertaken at a parcel of land located at Letcombe Street, Reading, RG1 2HN ('the site'). Ramboll UK Limited ("Ramboll") was instructed by John Lewis Plc (the "client"), in accordance with Ramboll's Proposal Ref. Quote 183495, Issue 01, dated 20th May 2024. The work has been undertaken to support a planning application for the site for a proposed Build-to-Rent use.

The main objective of the work was to undertake a desk study, identify potential source-pathway-receptor relationships and to provide an initial characterisation of the site from a ground contamination perspective.

Phase I ESA

The site is currently occupied by a single storey warehouse building situated in the centre of the site, with a customer car park to the west and service yard to the east. The building occupies approximately 50% of the total site area and was previously utilised as a John Lewis Customer Collections Centre. The use of the existing building became surplus to requirements as a customer collection centre in 2021, with its functions having been transferred to the John Lewis department store at Broad Street, Reading. No potentially significant sources of ground contamination were identified from this recent site use.

The earliest historical record of 1879 showed the site to be occupied by militia stores (drill sheds, drill ground) in the centre of the site, with terraced properties in the west and the Reading Baths in the east. By 1900, the militia stores and Reading Baths were no longer labelled on mapping. By the mid-1950s, a factory occupied the central and eastern part of the site and by the mid-late 1960s, the factory was annotated as clothing factory and a tank was present in the north east corner. A garage and dry-cleaning activities were identified in parts of the site. The site had been redeveloped into its current configuration by the mid-late 1980s with a single building labelled as a depot present in the centre of the site and accounting for approximately 40% of the total site area.

A potential for contamination to be present at the site was considered possible, associated with the former site use as militia stores, factories, and the presence of the tank.

The site is considered to be in an area of increased sensitivity with respect to groundwater resources. A Principal Aquifer (Lewes Nodular Chalk Formation (Seaford Chalk Formation) and Newhaven Chalk Formation) is directly underlying the site with no superficial cover present. The site is not located within a groundwater Source Protection Zone (SPZ); however, there are three groundwater abstractions located within 1 km of the site, including two that are utilised for potable abstractions.

The site is considered to be located in an area of increased sensitivity with respect to surface water receptors due to the proximity of the River Kennet located approximately 100 m north west of the site.

Phase II ESA

An environmental and geotechnical ground investigation was undertaken at the site between the 6th and 16th December 2021 under full time supervision of Ramboll.

Two boreholes were drilled to depths of 20 m below ground (bgl) using cable percussive techniques, alongside five windowless sampling boreholes to a maximum depth of 4 m bgl. Combined ground gas and groundwater monitoring wells were installed in all five boreholes, with one location installed solely for gas monitoring purposes.

Tarmacadam hardstanding (west of the site) and concrete hardstanding (east of the site) was found to be present overlying the Made Ground to a maximum depth of 1.80 m bgl, followed by depths of superficial Taplow Gravels (found in WS02 and WS03) that does not extend across the site and ranges from 0.4 to 2.0 m thick. The Made Ground/Taplow Gravels are underlain by structureless chalk of the

Seaford Chalk Formation. Groundwater was encountered at depths between 2.70 m bgl (BH02) and 3.36 m bgl (BH01).

The main constraint to the work was the presence of a second concrete slab beneath the building that prevented sampling from beneath the building.

Contaminated Land Findings

Visual and olfactory evidence of hydrocarbon contamination was detected in both the Made Ground and natural strata during the investigation, in particular a very strong hydrocarbon odour during the drilling of BH01 and WS02.

Soil and groundwater analytical results were screened against and Ramboll Human Health GAC for commercial end-use. No determinands were noted to exceed the human health pathway via volatilisation.

Asbestos was detected in two out of twelve samples of Made Ground, all within the top 1 m bgl. Following quantification analysis, one sample was measured to be above the laboratory detection limit (<0.001%) at a concentration of 0.253 % (WS08).

Groundwater results were also screened against the relevant GACs for controlled waters, with exceedances noted for groundwater and surface waters relating to petroleum hydrocarbons in BH01 and WS02. Concentrations of heavy metals (copper, nickel and zinc) across the site were also noted at low concentrations that marginally exceeded controlled waters criteria.

The ground gas risk assessment has not identified significant levels of hazardous gases at the site and the site has been classified as Gas Characteristic Situation 1 (i.e., no special gas protection measures required). Further monitoring will be required to confirm this classification or whether basic protection measures are necessary.

Site wide soil and groundwater contamination which could pose a risk to the proposed development was not encountered. The contamination profile identified to date is typical of urban land; however, hydrocarbon impact in the west of the site may require a degree of remediation prior to development. Further investigation and risk assessment should occur in future relating to this impact. This should be undertaken in a staged manner in line with UK land contamination procedures and considering the aims of the UN Sustainable Development Goals (good health and wellbeing, sustainable cities etc.). More detailed recommendations are provided in the conclusion section of this report.

1. INTRODUCTION

1.1 Instruction

This report presents the findings and conclusions of a combined Phase I and Phase II Environmental Site Assessment (ESA) undertaken at a parcel of land located at Letcombe Street, Reading, RG1 2HN ('the site').

Ramboll UK Limited ("Ramboll") was instructed by John Lewis Plc (the "client"), in accordance with Ramboll's Proposal Ref. Quote 183495, Issue 01, dated 20th May 2024. The work has been undertaken to support a planning application for the site for a proposed Build-to-Rent use.

A plan showing the site location and boundary are presented in Figure 1 and 2, respectively (Appendix 1).

1.2 Proposed Development

The proposed development comprises the demolition of the existing building and re-development of the site comprising erection of a new building for up to 215 build to rent residential dwellings (Use Class C3) together with flexible commercial / community space (Use Class E/F1/F2), residents' facilities, landscaping, public realm, amenity space, cycle parking and disabled car parking.

1.3 Objectives

The objective of the work is to further understand the likelihood of ground contamination to be present from desk-based research as part of a Phase I Environmental Review, in addition to undertaking a Phase II Environmental Site Assessment to further characterise the site.

Whilst sustainability and climate change considerations do not form part of the scope of works, where relevant, they have been considered within the text, specifically in relation to the United Nations Sustainable Development Goals (UN SDGs) they are associated with.

Further specific objectives of the Phase II Environmental Site Assessment were to:

- document and interpret the environmental ground conditions encountered;
- assess the potential for risks to both human health and environmental receptors (including controlled waters) based on the data collected;
- carry out a generic quantitative contaminated land risk assessment based on a source-pathway-receptor methodology;
- present a Conceptual site Model (CSM) based on the findings of the ground investigation;
- provide a commentary on contaminated land risks relating to the proposed end use;
- determine the presence and chemical composition of the underlying soil;
- preliminarily investigate the site ground gas and groundwater regime; and
- assess the requirement for further investigation, assessment and/or remedial measures (if required).

2. SCOPE OF WORKS

2.1 Phase I Environmental Site Assessment (ESA)

The scope of the Phase I Environmental Site Assessment (ESA) has included the following:

- review of readily available historic, recent and current Ordnance Survey maps, plans and aerial imagery obtained from a commercial environmental data provider to identify activities which might have led to contamination of soil or groundwater (for example, from industrial processes, chemical/fuel storage activities or waste management or disposal) both on the subject site and on adjacent land (2024 data);
- review of published maps and records on the shallow and deep geology and hydrogeology of the site to assess the vulnerability and sensitivity of groundwater and surface water resources to contamination, if present, and the possible direction of movement off site, if mobile (considered in 2024);
- search of a commercially available database of regulatory information including environmental permits, records and incidents at the site and surrounding area (2024 data);
- review of readily available Local Authority Planning Department records to obtain information on the site's historical uses, planning permissions and associated environmental conditions, where available (2021 information);
- obtain verbal or written information from the Local Authority Environmental Health Department relating to environmental conditions, incidents and known contamination risks and on the Local Authority's Contaminated Land Strategy (2021 information);
- a site walkover inspection that considered (where applicable and information is available) on-site and adjacent land uses, site development history, previous site occupants, visual and olfactory evidence of contamination, hazardous materials and wastes, water supply, use, treatment and discharge arrangements and confirmed the access arrangement for the intrusive works and identifiable constraints that may restrict the coverage of the Phase II ESA (2021); and
- production of a preliminary conceptual site model.

2.2 Phase II Environmental Site Assessment

The scope of works of the Phase II Environmental Site Assessment included the Following (as conducted in 2021):

- the production of a CDM Project Health and Safety Plan;
- the completion of an Unexploded Ordnance (UXO) Desk Study Risk Assessment by an external contractor, Zetica UXO, to confirm the potential to encounter UXO during the works and whether supervision of the works was required. The site was identified as Low Hazard level and no supervision required;
- completion of an underground services clearance exercise by an external contractor (Land Utility Group) to clear all exploratory locations prior to intrusive works;
- hand excavated inspection pits undertaken to a minimum of 1.2 metres below ground level (m bgl);
- drilling of two boreholes (BH01 – BH02) using cable percussive techniques to a maximum depth of 20 m below ground level (m bgl) with ground gas and groundwater monitoring wells installed into each borehole;
- drilling of six windowless sampling boreholes (WS02 – WS08) to a maximum depth of 4 m below ground level (m bgl) with ground gas and groundwater monitoring wells installed into five boreholes;

- dynamic probing from the base of the boreholes to 10 m bgl in WS03 and WS05;
- soil sampling of borehole arisings within Made Ground and natural deposits for environmental testing, with selected samples tested for a range of determinands;
- two rounds of ground gas monitoring;
- groundwater development followed by collection of groundwater samples from five wells; and
- interpretation of the chemical data and a Generic Quantitative Risk Assessment as well as the production of a revised conceptual site model based on the results of the investigation (updated in 2024, otherwise physical work occurred in 2021).

The precise site investigation strategy is discussed in further detail within Section 3.

2.3 General Limitations and Reliance

This report has been prepared by Ramboll exclusively for the intended use by the client in accordance with the appointment letter between Ramboll and the client defining, among others, the purpose, the scope and the terms and conditions for the services. No other warranty, expressed or implied, is made as to the professional advice included in this report or in respect of any matters outside the agreed scope of the services or the purpose for which the report and the associated agreed scope were intended or any other services provided by Ramboll.

In preparation of the report and performance of any other services, Ramboll has relied upon publicly available information, information provided by the client and information provided by third parties. Accordingly, the conclusions in this report are valid only to the extent that the information provided to Ramboll was accurate, complete and available to Ramboll within the reporting schedule.

Ramboll's services are not intended as legal advice, nor an exhaustive review of site conditions and/or compliance. This report and accompanying documents are initial and intended solely for the use and benefit of the client for this purpose only and may not be used by or disclosed to, in whole or in part, any other person without the express written consent of Ramboll. Ramboll neither owes nor accepts any duty to any third party, unless formally agreed by Ramboll through that party entering into, at Ramboll's sole discretion, a written reliance agreement.

Unless otherwise stated in this report, the scope of services, assessment and conclusions made assume that the site will undergo redevelopment as a build to rent high rise apartment scheme.

The site investigation works were undertaken during a discrete period of time. The findings and conclusions presented in this report are accordingly factually limited by these circumstances and, unless stated otherwise in the report, are preliminary. The field investigations were restricted to a level of detail necessary to meet the stated objectives of the services. The results of any measurements taken may vary spatially or with time and further confirmatory measurements should be made after any significant period of time has elapsed since the sampling took place. The interpretation of the geological and environmental quality conditions is based on extrapolation from point-source data in a heterogeneous environment. Accordingly, more detailed investigation may be appropriate dependent upon the client objectives.

For specific limitations of the Ground Investigation, refer to Section 4.5.

3. PHASE I ESA

Information detailed within the report and utilised by Ramboll as part of this assessment was obtained from several sources, including:

- Envirocheck Report dated November 2021 (see appendix 2);
- British Geological Survey (BGS) Geology of Britain Viewer / BGS Maps Portal;
- EA's Flood Map for Planning; and
- Available online imagery, including Google Earth™ and Google Streetview™.

3.1 Site Description

The site is located to the south of the A329, between Mill Lane and Crossland Road in Reading, approximately 640 m south of Reading train station. The site occupies approximately 0.37 hectares and the centre of the site is located at National Grid Reference SU 71695 73094. The site location is shown in Figure 1 (Appendix 1).

The site is bound by Mill Lane to the north with the A329 beyond, followed by the Riverside and Oracle shopping centres situated to the south and north of the River Kennet respectively. Crossland Road bounds the site to the east and south with mixed residential/commercial properties beyond. The site is bound to the west by Letcombe Street with a Premier Inn beyond. The site is accessed in the north east and south west via Crossland Road.

The site is a broadly rectangular parcel of land, orientated NE-SW and measures approximately 160 m west-east and 20 m north-south. The site is relatively flat at 40 m AOD and slopes upwards slightly to the east. The area to the north of the site, along the A329 and River Kennet is relatively flat before rising towards Reading town centre to the north. The area to the south rises gently towards Christchurch Road further south.

The site comprises a two-storey warehouse building situated in the centre of the site, with a customer car park to the west and service yard to the east. The building occupies approximately 40% of the total site area and was previously utilised as a John Lewis Customer Collections Centre. The site is currently vacant. The use of the existing building became surplus to requirements as a customer collection centre in 2021, with its functions having been transferred to the John Lewis department store at Broad Street, Reading.

3.2 Site History and Surrounds

Ramboll has undertaken a review of historical mapping and aerial imagery obtained from a commercial environmental regulatory database provider, the findings of which are summarised in the following sections.

3.2.1 The Site

The earliest historical record of 1879 showed the site to be developed with a row of terraced properties along the western site boundary; the centre of the site was occupied by a 'drill ground' with accompanying 'drill sheds' adjacent on either side, and collectively annotated as militia stores which extended off site to the north. Several small buildings (collectively labelled as Reading Baths) were present in the north east of the site and extended off site to the north and east. An historic insurance plan dated 1895 identified the militia stores to be occupied by a T. Cook Jnr. And Sons (clothiers).

By the map of 1900, the militia stores and Reading Baths were no longer labelled but buildings remained on site, with the clothiers factory now extending further east. By 1931, the building had extended further east occupying the central area of the site. By 1956, this building was

annotated as a factory and an historic insurance plan dated 1958 identified the site to be occupied by a Burberry's Limited weatherproof clothing factory (that also extended off-site to the north). The majority of the factory building on-site appeared to be factory floorspace and the plan detailed a garage in the north-west of the site and a wet and dry-cleaning facility in the centre north (both occupying ~5% of the site area). By 1967, the factory was labelled as a clothing factory and the square structure in the north east corner was labelled as a tank.

The terraced properties in the west of the site were no longer present by 1973 and by 1990 the site had been developed into its current configuration with a building labelled as a depot in the centre of the site, accounting for approximately 40% of the total site area. Satellite aerial photography of 1999 showed the remaining areas to be in use a car park and yard. No further changes were noted up to the present day.

3.2.2 The Surrounds

The earliest historical record of 1879 showed the surrounding area to be heavily developed with mixed residential and industrial uses. Letcombe Street was present immediately west of the site with a row of terraced properties beyond and a graveyard occupied the area immediately south of the site. To the immediate north the area was occupied by residential properties, a hospital and buildings associated with Reading Baths and with Mill Lane situated beyond. The area to the east was occupied by Reading Baths with residential housing beyond. A gasworks was present approximately 120 m north west of the site (north of the River Kennet). Immediately north of Mill Lane an old water works with an engine house and St Giles Mill were present 55 m north west and 65 m north west of the site, respectively. The Reading Tin Works was present 105 m south east.

By 1912, a tram depot and tramway power station had been developed in the location of the former old water works and St Giles Mill. Tram networks had been developed along Bridge Street (100 m west), London Street (40 m east) and Mill Lane (40 m north). The hospital and Reading Baths were no longer labelled on the map.

By 1931, the gasworks was no longer depicted on the map, and a tram and bus depot had been developed adjacent to the tramway power station. A printing works was present 30 m west.

The tram depot, tramway power station, and tram and bus depot had been replaced with a corporation transport depot by 1957 and the graveyard was no longer present to the south of the site. The factory on site extended off site to the north and remained as such until the 1990s. Several unlabelled works were present 15 m north east, 90 m east, and 25 m north west respectively. Several garages were located 135 m south west, 220 m south, and 145 m north east respectively. The former Reading Tin Works was now labelled as a 'works'. Several tanks (of unknown contents) were present 130 m north west adjacent to the brewery and north of the River Kennet. Another tank (of unknown contents) was located 125 m north east but was no longer depicted on the map of 1961.

By 1968, several tanks were present 55 m, 195 m, and 210 m south east. A police garage was present immediately north east of the site and further works were annotated on the map including printing works 90 m east and 115 m north east, respectively. A metal box works was labelled in the location of the former Reading Tin Works. The garage located 220 m south was annotated as a filling station.

By the late 1980s, the A329 had been developed immediately north of the site and Crossland Road to the south and east. The remaining industrial works, garages and tanks were no longer present and the immediate site surrounds were occupied by mixed light commercial and residential properties.

By 2003, a multistorey car park, cinema and the Oracle Shopping Centre had been developed to the north of the A329. No further significant changes were noted up to the present day with the immediate surrounds occupied by light commercial and residential properties.

3.3 Geology and Hydrogeology

3.3.1 Geology

The BGS 1:10,000 scale (superficial and bedrock) geology maps indicates that the site is underlain by the Lewes Nodular Chalk Formation (Seaford Chalk Formation) and Newhaven Chalk Formation. Superficial deposits comprising the Taplow Gravel Formation (Sand and Gravel) are present along the southern site boundary.

There are several publicly available BGS borehole records located surrounding the site. The ground conditions described in BGS borehole records in close proximity to the site are summarised in Table 3.1 below.

Table 3.1: Summary of Ground Conditions from BGS Borehole Logs

Stratum	Depth to base (m bgl)	Thickness (m)	Descriptions
Concrete/tarmac	0.3	0.3	-
Topsoil/Made Ground	1.5 – 6.0	1.2 – 5.7	Soft black sandy silt with occasional flint gravel and chalk fragments Soft brown slightly sandy clay with plant stems and brick/pot gravel.
Alluvium (not present in southern borehole records)	3 – 6.0	0 – 4.0	Medium dense light brown and grey SILT with subangular to subrounded chalk flint gravel.
Gravel Deposits	2.45 – 7.9	2.0 – 5.0	Medium dense to dense light brown subangular to rounded fine to medium flint and chalk GRAVEL, with much fine to coarse sand.
Chalk (Grade Dc)	12.0	4.0	White and cream structureless CHALK composed of subangular to rounded gravel to cobble size white highly weathered very weak to weak fragments.
Chalk (Grade Dm)	15.0	3.0	White moderately weathered CHALK. Fractures very closely spaced, infilled up to 15mm with white comminuted chalk. Coarse gravel flint fragments.
Chalk (Grade C)	23.5	8.5	White slightly weathered CHALK, moderately weak. Fractures closely spaced. Marl bands up to 2 mm wide.

Chalk was recorded in all the deep boreholes. There is no evidence of voiding or irregular depth of weathered material within the surrounding BGS logs; the chalk generally becomes less weathered with depth. Some highly disturbed samples where gravel to cobble sized flints were recovered.

The boreholes further from the site show that there is significant variation in the depth to chalk bedrock, as it was encountered at a depth of 3.35 m bgl in SU77SW60, 1.2 m bgl in SU77SW27, and 6.7 m bgl in SU77SW342. The logs indicate that the depth of Made Ground in the area is also highly variable.

Groundwater strikes were recorded at 4.0 m bgl in both SU77SW59 and SU77SW56, whereas groundwater was encountered at 2.5 m bgl in SU77SW57. All groundwater strikes were at depths within the chalk bedrock.

According to the Coal Authority, the site is not located in a Coal Mining Affected Area. The BGS has stated that the site is located in an area where other (non-coal) mining activities are frequent.

3.3.2 Hydrogeology

The chalk bedrock (Lewes Nodular Chalk Formation ((Seaford Chalk Formation)) and Newhaven Chalk Formation) is classified as a Principal Aquifer by the Environment Agency, whereas the superficial deposits comprising the Taplow Gravel Formation (Sand and Gravel) are classified as a Secondary A Aquifer.

There is a Water Framework Directive (WFD) designated groundwater body present beneath the site. The groundwater at the site is part of the Berkshire Downs Chalk Water Body which has been classified as having a 'poor' chemical and 'poor' quantitative rating under the Water Framework Directive classification scheme.

There are currently three licensed groundwater abstractions within 1 km of the site and a further sixteen locations within 2 km of the site. Those within 1km are detailed in Table 3.2 below.

Table 3.2: Summary of Water Abstractions within 2 km of the Site

Licence Holder	Distance/ Direction from Site	Abstraction Source	Purpose of Abstraction
Primark Stores Limited	620 m north west	Thames Groundwater: Cheapside	Drinking, Cooking, Sanitary, Washing, (Small Garden) – Commercial/Industrial/Public Services (Potable water abstraction)
Royal Berkshire Hospital	720 m south east	Thames Groundwater: Royal Berkshire Hospital	Drinking, Cooking, Sanitary, Washing, (Small Garden) – Commercial/Industrial/Public Services (Potable water abstraction)
Private water supply	800 m	-	Private water supply – details unknown (disclosed previously by the EHO – 2021)

The site is not situated within an Environment Agency (EA) designated groundwater Source Protection Zone (SPZ).

Based on available information, it is considered that groundwater in the Chalk bedrock (Lewes Nodular Chalk Formation (Seaford Chalk Formation) and Newhaven Chalk Formation (undifferentiated) – Chalk) is a potentially sensitive receptor due to its Principal Aquifer designation. Furthermore, there are three groundwater abstractions located within 1 km of the site, including two that are utilised for potable abstractions.

3.4 Chalk Cavities

The desk-based Cavity Occurrence Assessment produced by Stantec for the site concluded the following in terms of natural or man-made chalk cavity risk:

- *An assessment of the site has been undertaken regarding the potential for solution features to have formed in the geology, geomorphology and hydrogeology setting. This has taken into consideration the wider spatial area factors pertaining to solution feature hazards resulting in a rating of MODERATE for the presence of solution features being present in the chalk surface and MODERATELY HIGH for the presence of chalk subsurface solution features at depth.*
- *On the basis of the site history, geology, hydrogeology and geomorphology, the potential for past chalk mining to have occurred at the site is considered to be VERY LOW.*

3.5 Surface Water and Flooding

The nearest surface water feature is an inland river located approximately 85 m north west of the site. The river branches off the River Kennet located approximately 100 m north west. The EA currently classifies this section of the River Kennet (Lower Kennet) as being of 'moderate' ecological quality and not classified on chemical quality under the Water Framework Directive classification scheme.

The site is located within the Kennet Surface Water Operational Catchment Zone and the River Kennet is located approximately 100 m north west of the site at its nearest point.

There is one licensed surface water abstraction within 1 km of the site, located approximately 95 m north west of the site. The abstraction is from St Giles Stream and used for 'Lake and Pond Throughflow'.

According to the EAs fluvial and tidal flood map for planning, the site is located in Flood Zone 1 (low probability). This zone comprises land assessed as having a less than 1 in 1000 annual probability of river or sea flooding (<0.1% in any year).

According to the EA Flood Map for Surface Water which presents the theoretical potential for flooding from pluvial sources (i.e. flooding caused by rainwater exceeding capacity of drainage systems), the site is located in an area of low flooding probability. This zone comprises land assessed as having between a 1 in 100 and 1 in 1000 annual probability of pluvial flooding (1% to 0.1% in any year).

The only surface water abstraction within 1km of the site is from the St. Giles Stream at the Oracle Centre, Reading located approximately 95m north-west that is used for throughflow associated with an amenity lake at a shopping centre.

The site is considered to be located in an area of increased sensitivity with respect to surface water receptors due to the proximity of the River Kennet located approximately 100 m north west of the site. However, the River Kennet appears to have sheet-piled walls along this section that limits the potential for groundwater to be in direct continuity with the waterbody.

3.6 Ecological Receptors

There are no statutory designated ecological receptors located within a 2 km radius of the site.

3.7 Environmental Database

The information presented in Table 3.3 below has been obtained from a review of a proprietary environmental database procured by Ramboll relating to the site and surrounding land.

Table 3.3: Summary of Relevant Environmental Records

Data Type		Distance				Relevant Records within 250 m of the Site
		On Site	<250 m	250 m-500 m	500 m-1 km	
Contaminated Land Register enquiries		0	0	0	0	None
Pollution incidents		0	13	34	90	Nearest incident is located approximately 50 m west and involved the spillage of oils in 1993 and classified as a minor incident. Twelve further incidents within 250m all of a minor nature and relating to release of oils.
Prosecutions or enforcement actions		0	0	0	0	None
Recorded landfill sites		0	0	0	0	None
Licensed waste management facilities		0	0	0	2	None
Environmental Permits	Part A(1)	0	0	0	0	None
	Part A(2)	0	0	0	0	None
	Part B	0	1	1	0	Nearest is located 185m east as a crematoria. Petrol filling stations located 580m east and 730m south-west.
Control of Major Accident Hazards Sites (COMAH)		0	0	0	0	None
Fuel stations		0	0	0	6	None
Contemporary trade directory entries		0	36	-	-	Nearest is listed as B & T Business Machines located 25m north-east for equipment servicing and manufacture purposes.
Registered radioactive substances		0	0	0	3	Information on certain radioactive substance authorisations is not publicly accessible
EA discharge consents		0	8	7	18	Nearest relates to a brewery located 130m distant (revoked). All within 250m of the site are revoked.
Radon affected area (Y/N)		N	-	-	-	N/A
Designated ecological sites		0	0	0	0	None

3.8 Local Authority Information

An environmental information request was submitted to the Reading Borough Council in 2021 which responded with the following information relating to the site:

- The site has been identified by the Council for future investigation under the Council's Contaminated Land Strategy due to the historic potentially contaminative uses as a militia store and factory. The Council consider the site as low risk under its current commercial use, and there is no schedule set for the investigation of the site.
- The Council does not have any records of any intrusive investigations at the site or in the near vicinity.
- No current or historic landfills located within a 250 m radius of the site.
- No elevated indoor radon gas concentrations have been identified by the Council within buildings on or within 100 m of the site, therefore radon protection measures are not required in the buildings on site or within 100 m.
- The Council does not have any records of current or former nuisance issues at the site or adjoining properties.
- A private water supply is present approximately 800 m from the site; however, the Council are unable to provide further details due to Regulation 12 (5) (a) of the Environmental Regulations 2004.
- No Part A(2) or Part B Environmental Permits issued to the site or adjoining properties.

3.9 Planning Department

An information request was submitted to the planning department at Reading Borough Council which identified the following applications of interest relating to the site:

- 83/TP/0821- Dem. majority of factory. refurb. remainder for light ind. use, car parking & lorry access.
- 84/TP/0216 - Storage and facilities, temporary offices with supporting gantry over existing temporary offices.
- 93/00520/FD - Use of existing building for b8 storage & distribution.
- 96/00692/FD - Erection of warehouse with customer collection facilities ancillary car park and servicing area.

The planning team searched the decision notices for the applications for mention of site investigations and there were none identified. Documents related to the planning applications are not available for review on the Councils online planning portal.

3.10 Proposed Development

The proposed development comprises the demolition of the existing building and redevelopment of the site comprising erection of a new building for up to 215 build to rent residential dwellings (Use Class C3) together with flexible commercial / community space (Use Class E/F1/F2), residents' facilities, landscaping, public realm, amenity space, cycle parking and disabled car parking. It is assumed that soft landscaping and paved areas will form the external areas at the site.

3.11 Potential Sources of Contamination

3.11.1 Current Site Uses

The site is currently vacant and the use of the existing building became surplus to requirements as a customer collection centre in 2021, with its functions having been transferred to the John Lewis department store at Broad Street, Reading. No significant sources of contamination are considered to be present resulting from the recent or current activities on site.

3.11.2 Historic Site Uses

Based on available information the potential for contamination to exist from historic uses of the site cannot be ruled. Potential historic sources of contamination include:

- Previous site use as militia stores, a factory (unknown use), a clothing factory and the presence of a tank in the north east corner. An historic insurance plan dated 1958 identified the site to be occupied by a Burberry's Limited weatherproof clothing factory (that also extended off-site to the north). The majority of the factory building on-site appeared to be factory floorspace and the plan detailed a garage in the north-west of the site and a wet and dry-cleaning facility in the centre north (both occupying ~5% of the site area).
- There is the potential for a range of contaminants to be present on-site including asbestos from former building demolitions, fuels and oils, chlorinated solvents given the reference to wet and dry-cleaning activities, and it cannot be ruled out that perfluorinated compounds may be present given the weatherproof clothing activities may have extended into the 1980s.
- Nearby historical uses including garages, printing works, unspecified works, metal (tin) works, tramways, transport depot, and the presence of numerous tanks (of unknown contents).

In general terms the urban location of the site reduces the environmental sensitivity, although groundwater (a Principal Aquifer) is expected to be present on-site as a relatively shallow waterbody there is limited potential for this to be in direct continuity with the nearby River Kennet that is sheet-piled along this section. There are also no identified sensitive abstraction points in the near vicinity.

3.12 Ramboll Conclusion

To support the planning application Ramboll has undertaken further site investigation that is discussed in the following sections.

4. SITE INVESTIGATION STRATEGY

The site investigation strategy was to provide an initial characterisation of the site to support a future planning application.

Note that the site investigation strategy was prepared in 2021 prior to the identification of the weatherproof clothing activities on-site and therefore PFAS testing was not included at that time. This is a data-gap and additional testing is recommended in future once the on-site building is demolished given the additional information provided in the Phase I mapping in 2024.

4.1 Preliminary Conceptual Site Model (CSM)

The preliminary conceptual site model is a simplified representation of the environmental and geotechnical conditions at the site, and in the vicinity of the site, and is used to initially identify potentially sensitive receptors and potential pollutant linkages. Information obtained during the Ramboll site investigation, described in the following sections of this report, is then used to refine and update this preliminary conceptual model.

Table 4.1: Preliminary Conceptual Site Model

Potential Sources of Contamination • Made Ground: the type and composition of the Made Ground is unknown. • Residual / historical contamination relating to the former land-use including militia stores, factories and an unspecified tank. • Electrical sub-station located off-site of the north east corner. • Current site use as car parking: potential for small-scale leakages of fuels and oils. • Ground gases: potential generation of ground gases associated with the unknown composition of the underlying Made Ground. • Off-site sources: industrial land uses including various works, depots, garages, warehouses, substations, and numerous unspecified tanks. Potential contaminants may include Heavy metals, Organics, Inorganics, Total Petroleum Hydrocarbons (TPH), Polycyclic Aromatic Hydrocarbons (PAHs), Volatile Organic Carbons (VOCs, including chlorinated VOCs), Semi-volatile Organic Carbons (SVOCs), Phenols, Sulphate, Sulphides, Asbestos containing material (ACM), Polychlorinated Biphenyls (PCBs), Solvents and Petrol Additives (e.g., MTBE).
Geology The site is underlain by the Lewes Nodular Chalk Formation (Seaford Chalk Formation) and Newhaven Chalk Formation. Superficial deposits comprising the Taplow Gravel Formation (Sand and Gravel) are present along the southern site boundary. Made Ground of varying thickness is likely present on the site.
Hydrogeology According to the EA, the chalk bedrock underlying the site is classified as a Principal Aquifer. The superficial deposits comprising the Taplow Gravel Formation, present along the southern site boundary, are classified as a Secondary A Aquifer. The groundwater at the site is part of the Berkshire Downs Chalk Water Body which has been classified as having a 'poor' chemical and 'poor' quantitative rating under the Water Framework Directive classification scheme. There are three groundwater abstractions located within 1 km of the site, including two that are utilised for potable abstractions; however, the site is not situated within an Environment Agency designated groundwater Source Protection Zone (SPZ) and none of the abstractions are within 500m. Overall, the site is considered to be of high environmental sensitivity and vulnerability in terms of groundwater, due to the presence of a Principal Aquifer directly underlying the site.

Table 4.1: Preliminary Conceptual Site Model

Hydrology There are no surface water features located on the site. The nearest surface water feature is an inland river located approximately 85 m north west of the site; the river branches off the River Kennet located approximately 100 m north west. The River Kennet appears to be sheet piled through this section limiting the potential for groundwater influx. The site is located within the Kennet Surface Water Operational Catchment Zone and the River Kennet is located approximately 100 m north west of the site at its nearest point. The EA currently classifies this section of the River Kennet (Lower Kennet) as being of 'moderate' ecological quality and a 'fail' on chemical quality under the Water Framework Directive classification scheme. There is one licensed surface water abstraction within 1 km of the site, located approximately 95 m north west of the site. The abstraction is from St Giles Stream and used for 'Lake and Pond Throughflow'. According to the EAs fluvial and tidal flood map for planning, the site is located in Flood Zone 1 (low probability). This zone comprises land assessed as having a less than 1 in 1000 annual probability of river or sea flooding (<0.1% in any year). Overall, the site is considered to be of low-moderate environmental sensitivity in terms of surface water due to the River Kennet located approximately 100 m north.			
Potential Receptors to Contamination (if Present)			Receptor Present?
Human Health	On-site	The proposed development comprises a mixed-use high-rise residential apartment scheme with accompanying commercial at ground level and undercroft car parking.	Yes
	Off-site	Offsite receptors include mixed residential and light commercial properties present to the east, south, and west of the site, in addition to commercial properties (Riverside and Oracle shopping centres) to the north.	Yes
Water Environment	On-site	The Lewes Nodular Chalk Formation (Seaford Chalk Formation) and Newhaven Chalk Formation is a Principal Aquifer. The Taplow Gravel Formation (Sand and Gravel) is a Secondary A Aquifer.	Yes
	Off-site	Groundwater: The site is located on a Principal Aquifer. Groundwater flow direction is unknown.	Yes
		Surface Water: The nearest surface watercourse is an inland river located approximately 85 m north west.	Yes
Ecological Receptors	On-site	There are no statutory designated ecologically sensitive sites present on-site.	No
		Areas of soft landscaping may potentially be included within the final design plans for the proposed development.	Yes
	Off-site	There are no statutory designated ecologically sensitive sites within a 2 km radius of the site.	No
Built Environment	On-site	The proposed site use is for residential and commercial use.	Yes

4.2 Site Investigation Works

A summary of the intrusive works is provided below:

Table 4.2: Summary of Intrusive Works

Item	No.	Comments
Utilities Clearance Survey	Item	Before proceeding with intrusive works, the specialist underground service clearance contractor Land Utility Group confirmed the absence of underground services at each location, with borehole locations being located at least 1.5 m away from identified services or known underground features (such as underground water supply pipes or gas supplies).
Cable Percussion Boreholes	2 No.	Two boreholes (BH01 and BH02) were drilled to depths of up to 20.00 m below ground level (bgl). BH02 was initially proposed to 35.00 m and BH01 to 25.00 m but due to flint gravels both boreholes refused at 20.00 m bgl after significant efforts to progress beyond this depth. Both boreholes were installed for ground gas and groundwater monitoring purposes. Wells were of an appropriate construction for the ground conditions encountered. The well designs are detailed within the borehole logs presented in Appendix 2.
Dynamic Windowless Sampling Boreholes	5 No.	Five boreholes (WS02, WS03, WS05, WS06 and WS08) were drilled to depths of up to 4 m below ground level (bgl). Three boreholes were installed for ground gas and groundwater monitoring purposes, whereas WS03 was installed solely for ground gas monitoring. WS01, WS04 and WS07 were attempted internally but failed on obstructions or a second concrete slab at depth of approximately 0.5 m bgl. Ramboll did not attempt to break through this for H&S reasons. Wells were of an appropriate construction for the ground conditions encountered. The well designs are detailed within the borehole logs presented in Appendix 2.
Soil Sampling and Analysis	12 No.	Samples were collected for environmental and geotechnical purposes. During the site investigation, soil samples were recovered from each exploratory hole location and screened on-site using a handheld photo-ionisation detector (PID) for the presence of volatile organic compounds. Up to three soil samples from each sampling location were submitted for selected laboratory analysis. Selected soil samples were analysed for a predetermined suite of contaminants (see Section 3.4), designed to be reflective of the site's historic uses.

Table 4.2: Summary of Intrusive Works

Item	No.	Comments
Groundwater Sampling and Analysis	7 No.	Groundwater was encountered in five of the six installed monitoring wells (WS03 was installed for gas monitoring purposes only, at a depth above the groundwater level). An oil/water interface probe was used to check for free-phase hydrocarbons and resting groundwater levels were monitored. The monitoring wells were developed, with a minimum of three well volumes purged and allowed to recover prior to sampling. A round of groundwater sampling was undertaken on 16th December 2021, five groundwater samples were analysed for a suite of contaminants designed to be reflective of the site's historic uses (see Section 3.4). Additional groundwater samples were collected from WS02 and BH01 on 17th January 2022 for re-sample purposes due to previously detected Total Petroleum Hydrocarbon (TPH) concentrations.
Gas Monitoring	2 No.	Two rounds of ground gas monitoring were undertaken on the 16 th December 2021 and 17 th January 2022, using a portable gas analyser (GFM 430 Series) and a PhoCheck Tiger photo-ionization detector (PID).
Waste Disposal	Item	All soil arisings were stored in dedicated waste drums during the investigation. Where visual or olfactory evidence of contamination was encountered, the arisings were stored in a separate drum. Purged groundwater along with general waste generated during the works were also stored in dedicated drums during the investigation. A representative sample of the waste was submitted for chemical testing and was characterised for waste disposal purposes waste (i.e. hazardous or non-hazardous waste). Once characterised, the wastes (soil, water and general waste) were collected by Acorn Waste, who (under appropriate consignment notes) arranged for disposal to a suitably licenced facility.

The borehole locations are presented in Figure 3 (Appendix 1). The locations and associated rationale are summarised in Table 4.3 below.

Table 4.3: Exploratory Hole Rationale

Exploratory Hole	Rationale	Depth achieved (m bgl)	Installed as Monitoring Well?
BH01	To preliminarily investigate the superficial and bedrock geology and groundwater conditions in the west of the site. To complete in-situ testing and gain samples to perform laboratory testing to determine characteristic soil parameters adequate for foundation option appraisal. To understand depth of weathered chalk and provide a comparison to BH02 for stratigraphy of site.	20.00	Yes

Table 4.3: Exploratory Hole Rationale

Exploratory Hole	Rationale	Depth achieved (m bgl)	Installed as Monitoring Well?
BH02	To preliminarily investigate the superficial and bedrock geology and groundwater conditions in the west of the site. To complete in-situ testing and gain samples to perform laboratory testing to determine characteristic soil parameters adequate for foundation option appraisal. To understand depth of weathered chalk and provide a comparison to BH01 for stratigraphy of site. Broadly targeted the former wet and dry-cleaning activities.	20.00	Yes
WS01	To determine shallow soil and groundwater conditions in the north east corner of the warehouse footprint and to provide general coverage. Location not drilled to depth.	n/a	n/a
WS02	To determine shallow soil and groundwater conditions on the northern site boundary and to provide general coverage. Broadly targets the former garage activities in the north-west of the site.	4.00	Yes
WS03	To determine shallow soil and groundwater conditions on the western site boundary and to provide general coverage.	4.00	Yes
WS04	To determine shallow soil and groundwater conditions in the west of the warehouse footprint and to provide general coverage. Location not drilled to depth.	n/a	n/a
WS05	To determine shallow soil and groundwater conditions in the east of the site and to provide general coverage.	4.00	Yes
WS06	To determine shallow soil and groundwater conditions on the northern site boundary and to provide general coverage. Broadly targeted the former wet and dry-cleaning activities.	4.00	No
WS07	To determine shallow soil and groundwater conditions in the east of the warehouse footprint and to provide general coverage. Location not drilled to depth.	n/a	n/a
WS08	To determine shallow soil and groundwater conditions in the vicinity of the former tank and current electricity sub-station in the north east corner of the site.	4.00	Yes

4.3 Monitoring Well Installation

Two boreholes and three window sample boreholes were installed as gas and groundwater monitoring wells with 50 mm HDPE slotted pipe set in a gravel filter pack with a plain pipe bentonite seal above and below. One window sample borehole (WS03) was installed solely for gas monitoring purposes.

Table 4.4: Summary of Monitoring Installations

Borehole ID	Installation Type	Response Zone (m bgl)	Ground Level (m AOD)	Response Zone (m AOD)	Stratum at Response Zone
BH01	50 mm Gas/Groundwater Monitoring Standpipe	2.00 – 5.50	39.50	37.50 – 34.00	Chalk Bedrock
BH02	50 mm Gas/Groundwater Monitoring Standpipe	2.00 – 10.00	38.84	36.84 – 28.84	Chalk Bedrock
WS02	50 mm Gas/Groundwater Monitoring Standpipe	2.00 – 4.00	39.64	37.64 – 35.64	Chalk Bedrock
WS03	50 mm Gas/Groundwater Monitoring Standpipe	1.00 – 2.00	39.50	38.50 – 37.50	Made Ground
WS05	50 mm Gas/Groundwater Monitoring Standpipe	1.00 – 4.00	39.23	38.23 – 35.23	Chalk Bedrock
WS08	50 mm Gas/Groundwater Monitoring Standpipe	1.00 – 4.00	39.14	38.14 – 35.14	Chalk Bedrock

4.4 Laboratory Chemical Analysis

The laboratory chemical analysis was undertaken by i2 Analytical as specified by Ramboll. Laboratory chemical analysis of soil/groundwater samples was selected based on the site history and the potentially contaminative uses, as summarised in Table 4.5 below:

Table 4.5: Summary of Analytical Strategy

Analytical Suite	Rationale	No. of soil samples submitted	No. of groundwater samples submitted
Total Petroleum Hydrocarbons Carbon Working Group (TPH CWG) including BTEX	Typically associated with fuels and oils.	12	7
Total cyanide, phenols	Typically associated with historical industrial sites and brownfield land	12	7
Asbestos Screen	Typically associated with Made Ground.	12 (2 quantification analysis)	N/A
Asbestos Quantification	Where asbestos was detected during the screening, samples were scheduled for quantification analysis.	2	N/A
Metals (including arsenic, beryllium, boron, calcium (waters only), cadmium, chromium, chromium – hexavalent, chromium III, copper, lead, magnesium (waters only), mercury, nickel, selenium, vanadium, zinc	Typically associated with brownfields sites historically used for industrial purposes.	12	7

Table 4.5: Summary of Analytical Strategy

Analytical Suite	Rationale	No. of soil samples submitted	No. of groundwater samples submitted
Water soluble sulphate (SO ₄)	Typically associated with Made Ground.	12	7
Ammoniacal Nitrogen (as N)	Typically associated with organic contamination.	N/A	7
Polycyclic Aromatic Hydrocarbons (PAH) – Speciated (EPA 16)	Typically associated with fuels and oils.	12	7
Volatile Organic Compounds (VOC) and Semi-Volatile Organic Compounds (SVOC)	Typically associated with fuels and oils.	4	7
Polychlorinated Biphenyls (PCBs) – 7 Congeners	Associated with electrical equipment. Samples collected from WS06 and WS08, in vicinity of the electricity sub-station in the north of the site.	2	0
Total hardness (as calcium carbonate – CaCO ₃)	Used to characterise the soils and derive assessment criteria for some metals.	N/A	7
Total Organic Carbon (TOC)	Used to determine the proportion of organic matter in a sample.	4	N/A

4.5 Limitations to the Investigation

The ground investigation was limited by the following factors:

- Internal windowless sampling boreholes (WS04 and WS07) were not successfully drilled. The coring team from Borehole Solutions Ltd cored through the concrete slab flooring of the warehouse at the locations; however, the window sampling team from Dynamic Sampling Ltd encountered an obstruction at approximately 0.5 m bgl at both locations. The obstruction was thought to be a second concrete slab. WS01 was cancelled due to insufficient overhead clearance for the drilling rig.
- The two deeper boreholes drilled with the cable percussion rig did not achieve the targeted depths of 35 m bgl in BH02 and 25 m bgl in BH01. This was due to the presence of flints in the Chalk bedrock which led the cable percussive method to refuse at 20 m bgl. This should be taken into account for any future ground investigations in order to improve recovery at depth.

5. SUMMARY OF GROUND INVESTIGATION FINDINGS

5.1 Ground Conditions

Ground conditions identified during this site investigation are summarised in Table 5.1 below. The information provided below is a summary of both the windowless sampling boreholes and cable percussion boreholes. The findings were generally consistent with published data as presented in Section 2.3. A full lithological description is recorded on the logs, which are provided as Appendix 2.

Table 5.1: Summary of Ground Conditions

Strata	Range of Depth to Base of Strata (m bgl)	Range of Depth to Base of Strata (m AOD)	Approx. Average. Thickness (where encountered) (m)	Typical Description (s)
Tarmacadam and Concrete Hardstanding	0.05 – 0.24	39.54 – 38.60	0.16	Tarmacadam surfacing overlying the Made Ground is present in the west of the site, whereas concrete hardstanding is present in the east.
Made Ground	0.30 – 1.80	38.93 – 37.70	0.90	Made Ground (i.e. anthropogenic material deposits) was present at all drilling locations, generally comprising a dark grey / brown sandy gravel with brick, concrete, asphalt, flint and rare metal and plastic.
Taplow Gravel Formation (Sand and Gravel) WS02 and WS03	3.220 – 3.440	36.330 – 36.24	0.440 – 2.000	Dark reddish brown slightly clayey gravelly fine to coarse SAND. Gravel is angular to sub-angular fine to coarse of flint and chalk. Or Light grey to brown very sandy angular to sub-angular fine to medium GRAVEL of flint and occasional chalk. Sand is fine to coarse.
Lewes Nodular Chalk Formation (Seaford Chalk Formation) and Newhaven Chalk Formation	Base not proven	Base not proven	0.60 – 19.20 encountered max thickness not proven	Structureless chalk composed of cream white gravelly SILT. Gravel is low density, weak to medium strength, cream white with black specks, sub-rounded to angular. Flint gravels are fine to coarse, sub-angular to very angular. Or Structureless chalk composed cream white silty sub-rounded to angular GRAVEL. Gravel is low density, weak to medium strength, white with brown specks. Flint gravels are fine to coarse, sub-angular to very angular. Occasional cobbles of flint.

Evidence of dissolution features or infilled cavities was not observed during the ground investigation.

5.2 Groundwater Observations

The depth to resting groundwater level was recorded during Ramboll's gas monitoring/ groundwater sampling round on 16th December 2021 and also during the second gas monitoring round undertaken on 17th January 2022.

Table 5.2: Summary of Groundwater Observations

Borehole ID	Borehole Level (m AOD)	Depth to groundwater (m bgl)	Depth to Groundwater (m AOD)	Inferred Horizon Containing Groundwater ¹
BH01	39.50	3.30 – 3.36	+36.20 - +36.14	Chalk bedrock
BH02	38.84	2.70 – 2.76	+36.14 - +36.08	Chalk bedrock
WS02	39.64	3.00 – 3.34	+36.64 - +36.30	Chalk bedrock
WS03	39.50	DRY	DRY	n/a
WS05	39.23	3.05 – 3.11	+36.18 - +36.12	Chalk bedrock
WS08	39.14	2.94 – 3.00	+36.20 – +36.14	Chalk bedrock
Notes: 1 The inferred horizon has been identified by comparing the resting groundwater levels against the exploratory hole logs and monitoring well design. 2 data from 16 th December 2021 presented first in depth to groundwater columns				

Groundwater flow has been contoured (see figure 4 and 5, Appendix 1) and flows broadly to the north across the site, further indicating the site is not in continuity with the nearby river.

5.3 Field Evidence of Contamination

5.3.1 Drilling Observations

Visual and olfactory evidence of contamination was detected within the Made Ground and natural deposits during the site investigation as summarised in table 5.3 below. The general presence of demolition materials (asphalt, brick, concrete etc) were found within the Made Ground.

Soil headspace screening for volatile organic compounds was recorded using a photo-ionisation detector (PID) for selected soil samples. Elevated PID concentrations were recorded in WS02 with concentrations of 35.40 ppm at 3.50 m bgl, and 274.60 at 3.90 m bgl. In BH01, a PID concentration of 43.20 was recorded in a sample from 3.20 m bgl. The full list of PID results can be found within the borehole logs in Appendix 2.

Table 5.3: Summary of Contamination Observations

Borehole ID	Depth of observation (m bgl)	Stratum	Observation
BH01	4.00 – 6.50	Chalk	Brownish grey discolouring in chalk
	3.50 – 9.50	Chalk	Strong hydrocarbon odour (diesel), decreasing in strength with depth.

Table 5.3: Summary of Contamination Observations

Borehole ID	Depth of observation (m bgl)	Stratum	Observation
WS02	3.40 – 4.00	Chalk	Strong hydrocarbon odour (diesel) and grey discolouring in the chalk.
WS06	0.40 – 0.50	Made Ground	Black staining and 'sooty' odour.
WS08	0.40 – 0.70	Made Ground	Black staining and 'sooty' odour.

5.3.2 Groundwater Sampling Observations

During groundwater sampling on 16th December 2021, olfactory evidence of hydrocarbon contamination was noted in two locations; however, no free-phase hydrocarbons were detected using an oil-water interface meter. A strong hydrocarbon (diesel) odour was noted in WS02 and a hydrocarbon odour (diesel) was also noted in BH01. No visual evidence of contamination (such as a sheen on groundwater) was recorded.

5.4 Results of Laboratory Chemical Analysis

Laboratory certificates of chemical analysis are provided in Appendix 3.

5.4.1 Soils

A general description of the soil analytical data is provided below:

- Asbestos was detected in two of the twelve soil samples analysed; the samples where asbestos was identified were then scheduled for additional quantification analysis:
 - In WS05, amosite (loose fibres) was identified in a sample collected from 0.25 m bgl, the asbestos content was reported at <0.001% (laboratory detection limit - LDL); and
 - In WS08, chrysotile (hard / cement type material and loose fibres) was identified in a sample collected from 0.50 m bgl, the asbestos content was reported at 0.253 %.
- Heavy metals (except for chromium VI, and selenium) were identified above the LDL in the majority of soil samples.
- PAHs were identified above the LDL in six of the twelve soil samples obtained.
- Aliphatic petroleum hydrocarbons lighter than C10 were not identified in any of the samples. Aliphatic petroleum hydrocarbons heavier than the C10 were identified in four of twelve samples, with a maximum total aliphatic concentration (C5-C35) of 120 mg/kg in WS07.
- Aromatic petroleum hydrocarbons lighter than the C10 fraction were not identified in any of the samples. Aromatic hydrocarbon fractions heavier than C10 were detected in five out of twelve samples with a maximum total aromatic hydrocarbon concentration (C5-C35) of 560 mg/kg in WS08.
- The following determinands were not detected above the laboratory detection limit in any samples: VOCs, SVOCs, BTEX compounds, PCBs, cyanide, phenols.
- pH of the soils tested ranges from 8.5 – 9.0 (6 samples).
- Total Sulphate as SO₄ in soil samples range from 0.03 – 0.10 % which places the soil in ACEC Class AC-1.
- Organic Matter ranges from 0.1 – 3.4 %.
- Water soluble nitrate (2:1) as N all fell below the LDL of 2 mg/l.
- Carbonate as CaCo³ ranged from 48 to 96 %.

- Only two samples had detectable levels of magnesium ranging from 5.1 – 5.5 mg/kg of water soluble magnesium and 2.5 – 2.7 mg/l of leachate equivalent.

In general, the above analytical results do not indicate significant or widespread contamination within soils at the site. The analytical results are discussed in further detail within the risk assessment of the soil analytical results in Section 5.2.

5.4.2 Groundwater

A general description of the groundwater analytical data is provided below:

- Heavy metals (except for beryllium, chromium VI) were identified above the LDL in the majority of samples.
- Aliphatic petroleum hydrocarbons lighter than the C6 fraction were not identified in any of the samples. Aliphatic petroleum hydrocarbons heavier than the C6 fraction were identified in two of the five locations (BH01 and WS02), with a maximum total aliphatic concentration (C5-C35) of 670 µg/l in BH01.
- Aromatic petroleum hydrocarbons lighter than the C10 fraction were not identified in any of the samples. Aromatic petroleum hydrocarbons heavier than the C10 fraction were detected in two of the five sampling locations (BH01 and WS02), with a maximum total aromatic hydrocarbon concentration (C5-C35) of 220 µg/l in BH01.
- The following determinands were not detected above the laboratory detection limit in any samples: PAHs, VOCs, SVOCs, BTEX compounds, cyanide or phenols.
- 2 No. BRE aggressivity tests were completed on groundwater samples from BH01 and WS02, the Total Sulphate as SO₄ in these samples was 109 mg/l and 2.36 mg/l respectively. The pH of these samples was 7.2 and 7.7 respectively. These results place the location in ACEC Class AC-1.

The above analytical results do not indicate significant or widespread impact to the underlying groundwater and are not untypical for a site in an urban context. The Generic Quantitative Risk Assessment associated with these detected substances is presented in Section 5.3.

5.5 Summary of Gas Monitoring Results

Two rounds of gas monitoring were undertaken on 16th December 2021 and 17th January 2022. The two rounds were undertaken at times of high atmospheric pressure (~1033 mb). Gas flow rates were measured at all monitoring boreholes and Ramboll recorded the range in flow rates until a steady state was reached. The key findings from the monitoring are detailed below:

- Flow rates: flow rates were recorded below 0.1 litres/hr at all locations during both monitoring rounds.
- Methane: methane was not detected above the instrument detection level (<0.1 % v/v) at all locations during both monitoring rounds.
- Carbon dioxide: carbon dioxide was measured above the instrument detection level (<0.1 % v/v) at all locations except WS02 and WS05 during round 1, with a maximum concentration of 4.6 % v/v recorded in WS03. In round 2, carbon dioxide was measured above the instrument detection level (<0.1 % v/v) at all locations with a maximum concentration of 4.4 % v/v in WS03 and a minimum concentration of 0.1 % v/v in WS05.
- Oxygen: oxygen levels were recorded to be below 18 % v/v at a single location during round 1, with a concentration of 15.9% v/v recorded in WS03. In round 2, concentrations were recorded below 18% v/v in three locations, with concentrations of 16.1 % v/v in WS03, 16.6 % v/v in BH02 and 17.7% v/v in BH01.

- Carbon monoxide: carbon monoxide was not detected above the instrument detection level (<1 ppm) at all locations during both monitoring rounds.
- Hydrogen sulphide: hydrogen sulphide was not detected above the instrument detection level (<1 ppm) at all locations during both monitoring rounds.
- Volatile organic compounds – VOCs: during the ground gas monitoring a photo-ionisation detector (PID) was used to screen for the potential presence of VOCs within the monitoring wells. PID readings were recorded above the instrument detection limit (<0.1 ppm) at every location except for BH02 during round 1. Elevated concentrations of 192.4 ppm, 19.7 ppm and 10.4 ppm were detected in WS02, BH01 and WS08 in round 1. During round 2, concentrations of 8.6 ppm and 2.8 ppm were detected in WS02 and BH01 respectively, whereas VOCs were not recorded above the instrument detection limit (<0.1 ppm) in WS03 and WS05.
- Lower explosive limit - LEL: LEL readings were not recorded above the lower instrument detection limit (<0.1 %) at all locations during both monitoring rounds.

Further details regarding the significance of these measurements are presented in Section 5.4. The full set of ground gas data is presented in Appendix 5.

6. CONTAMINATED LAND RISK ASSESSMENT

6.1 Introduction

An initial assessment of the environmental risks are presented in this section based on the available information from this Site Investigation.

Given the presence of certain analytes above the LDL (as detailed in Section 4), a Generic Quantitative Risk Assessment (GQRA) was undertaken to determine whether potential significant risks might be posed to identified receptors by these substances.

The assessments followed key Environment Agency guidance (i.e. Land Contamination Risk Management (LCRM), 2020), where a GQRA is the main starting point for assessing contaminated land risks at a site.

A GQRA involves comparing analytical data with Generic Assessment Criteria (GAC) to establish if 'exceedances' of said criteria are present or not. GAC were derived using largely general, non-site-specific assumptions regarding the characteristics and behaviour of sources, pathways and receptors. These assumptions were conservative within a defined range of conditions and drew upon published criteria for soils and water. If a concentration exceeds a GAC value this does not necessarily mean that a significant risk is present, more detailed evaluation of the exposure situation could be completed, or the risk may be mitigated by the nature of the development.

The risk assessment is based on the proposed use of the site as apartment blocks whereby the site will be entirely covered in hardstanding apart from potential small areas of soft landscaping such as planters.

The various risk assessments undertaken are detailed in the following sections.

6.2 Summary of Potential Future Risks to Human Health

Human Health Receptor – Soils

The analytical soil results were compared to current Ramboll Generic Assessment Criteria (GAC) for commercial end-use to be protective of human health. The commercial GAC has been selected as the proposed development currently comprises commercial use at ground level, with plant rooms, reception and building amenity space and no residential apartments proposed at ground level. This also assumes that limited areas of soft landscaping will be present in external areas and that no plants will be grown for consumption purposes. The results of the screening are summarised in Table 6.1 below. The full screening results are presented in Appendix 4.

The following determinands were not detected above the method reporting limits and therefore are not included in the table below:

- Heavy Metals: chromium VI and selenium
- BTEX/MTBE (benzene, ethylbenzene, toluene, xylene-m, xylene-o, xylene-p and methyl tert-butyl ether)
- TPH Aliphatic: C5-6, C6-8, C8-10
- TPH Aromatic: C5-7, C7-8, C8-10
- VOCs / SVOCs
- PCBs
- Cyanide
- Phenols

Table 6.1: Summary of Soil Analytical Results

Determinand	Conc. Range (mg/kg)	Location of Max. Conc.	Ramboll GAC for Commercial End-use (mg/kg)	No. and Location of Exceedance
Heavy Metals				
Arsenic (C4SL)	1.6 - 38	WS03	640	0
Beryllium	<LDL - 4.6	WS03	12	0
Boron	<LDL - 4.9	WS04	240000	0
Cadmium (C4SL)	<LDL - 0.4	WS08	410	0
Chromium (III)	1.6 - 24	WS02	8600	0
Copper	3.5 - 300	WS03	68000	0
Lead - (C4SL)	2.8 - 840	WS03	2300	0
Mercury (inorganic)	<LDL - 2.9	WS03	1,100	0
Nickel	1.3 - 55	WS03	980	0
Vanadium	2.4 - 61	WS03	9000	0
Zinc	15 - 300	WS08	730000	0
Polycyclic Aromatic Hydrocarbons (PAH)				
Acenaphthene	<LDL - 1.8	WS08	75000	0
Acenaphthylene	<LDL - 9.3	WS08	76000	0
Anthracene	<LDL - 20	WS08	520000	0
Benzo(a)anthracene [3]	<LDL - 55	WS08	170	0
Benzo(a)pyrene [3] - C4SL	<LDL - 42	WS08	76	0
Benzo(b)fluoranthene [3]	<LDL - 47	WS08	45	0
Benzo(ghi)perylene [3]	<LDL - 25	WS08	3900	0
Benzo(k)fluoranthene [3]	<LDL - 22	WS08	1200	0

Table 6.1: Summary of Soil Analytical Results

Determinand	Conc. Range (mg/kg)	Location of Max. Conc.	Ramboll GAC for Commercial End-use (mg/kg)	No. and Location of Exceedance
Chrysene [3]	<LDL – 33	WS08	350	0
Dibenz(ah)anthracene [3]	<LDL – 6.8	WS08	3.5	0
Fluoranthene	<LDL – 100	WS08	23000	0
Fluorene	<LDL – 6.6	WS08	60000	0
Indeno(123-cd) pyrene [3]	<LDL – 24	WS08	510	0
Naphthalene (C4SL)	<LDL – 1.5	WS08	880	0
Phenanthrene	<LDL – 74	WS08	22000	0
Pyrene	<LDL – 84	WS08	54000	0
Total Petroleum Hydrocarbons (TPH)				
TPH Aliphatic C10-12	<LDL – 1.4	WS07	6100	0
TPH Aliphatic C12-16	<LDL – 7.3	WS08	43000	0
TPH Aliphatic C16-21	<LDL - 24	WS08	NC	N/A
TPH Aliphatic C21-35	<LDL - 89	WS07	NC	N/A
TPH Aromatic C10-12	<LDL – 8.6	WS08	11000	0
TPH Aromatic C12-16	<LDL – 35	WS08	35000	0
TPH Aromatic C16-21	<LDL - 220	WS08	29000	0
TPH Aromatic C21-35	<LDL - 300	WS08	29000	0
Asbestos				
Asbestos Screen	<LDL – 0.253 (% weight)	WS08	Detect	2 (WS05 @ 0.25 m, WS08 @ 0.50 m)

Table 6.1: Summary of Soil Analytical Results

Determinand	Conc. Range (mg/kg)	Location of Max. Conc.	Ramboll GAC for Commercial End-use (mg/kg)	No. and Location of Exceedance
Notes: NC – No criteria available LDL – Laboratory detection limit [3] Benzo(a)pyrene used as surrogate marker for certain PAHs				

Asbestos

Asbestos was detected in two of twelve soil samples analysed. The samples where asbestos was identified were scheduled for additional quantification analysis and the details are presented within Table 6.2 below.

Table 6.2: Asbestos Identified

Sample	Asbestos Type	Sample Matrix	Quantification (% weight of sample)
WS05: 0.25 m	Amosite	Loose Fibres	< 0.001 (Reporting Limit – RL)
WS08: 0.50 m	Chrysotile	Hard / Cement Type Material and Loose Fibres	0.253

The samples where asbestos was detected were collected from within the shallow Made Ground. It is anticipated that the majority of the shallow Made Ground will likely remain during the enabling works at the site other than shallow excavations for services or ground beams etc may remove some of the soil. For this reason, further consideration must be taken to protect workers during the construction phase of the development and manage the excavations and disposal of asbestos impacted soils (as encountered).

Hard-standing surfacing will cover the majority of the open areas on the proposed development, thus blocking any potential future exposure linkage to asbestos.

Inorganics

Inorganic substances were not detected above the GAC in any of the Made Ground or Natural Ground obtained during this site investigation. Several heavy metals were detected above laboratory detection limits, but none that exceeded the commercial GAC.

Organics

Polycyclic aromatic hydrocarbons (PAHs) were identified at concentrations above the LDL in six of the twelve soil samples obtained, but none that exceeded the Ramboll GACs.

Benzo(a)pyrene has been used as the surrogate marker for benzo(a)anthracene, benzo(b)fluoranthene, benzo(ghi)perylene, benzo(k)fluoranthene, chrysene, dibenzo(ah)anthracene and indeno(123-cd)pyrene. As such current guidance infers that the concentrations of benzo(a)pyrene be used within the risk assessment to determine if a potential risk exists for the above-mentioned PAHs.

The maximum PAH concentrations were all recorded in a sample obtained from WS08 at 0.5 m bgl. In WS08, benzo(b)fluoranthene (47 mg/kg) and dibenzo(ah)anthracene (6.8 mg/kg) were detected at concentrations above their respective GACs of 45 mg/kg and 3.5 mg/kg respectively; however, benzo(a)pyrene was detected at a concentration of 42 mg/kg which is below the Ramboll GAC of 76 mg/kg.

Aliphatic and aromatic petroleum hydrocarbons lighter than C10 fraction were not identified in any samples, whilst aliphatic petroleum hydrocarbons heavier than the C10 were identified in four out of twelve samples, and aromatic hydrocarbon fractions heavier than C10 were detected in five out of twelve samples. The majority of maximum TPH concentrations were detected in the sample obtained from WS08, except for aliphatic C10-12 and aliphatic C21-35 where the maximum concentrations were detected in WS07. The elevated TPH concentrations in WS08 correspond with slightly elevated PAH concentrations discussed previously.

The slightly elevated concentrations are likely to originate from the localised black staining and 'sooty' odour observed at the depth where the sample was collected.

Human Health Receptor - Groundwater

The analytical groundwater testing results were compared to current GAC relating to the protection of human health via the volatilisation pathway.

No determinants within groundwater samples were detected at concentrations in excess of the respective volatilisation GAC.

A detailed summary of the results of the Generic Human Health QRA is provided in Appendix 4.

Construction Workers

This report and the generic assessment criteria (GAC) consider long term and chronic risk to humans based on defined exposure scenarios set out in the Contaminated Land Exposure Assessment (CLEA) model. In some cases contaminants may also pose acute hazards to workers at a site, or a worker's exposure scenario may differ from the scenarios considered when deriving the GAC. This is outside the scope of this assessment and will need to be considered separately.

6.3 Summary of Potential Risks to Controlled Waters

The analytical groundwater results were compared to the current GAC relevant to the protection of the underlying Lewes Nodular Chalk Formation (Seaford Chalk Formation) and Newhaven Chalk Formation (Principal Aquifer) and the nearby surface water receptors (River Kennet).

The results of the screening are summarised in Table 6.3 below, a detailed summary of the results of the Generic Controlled Waters QRA is provided in Appendix 4.

The following determinands were not detected above the LDL and therefore are not included in the table below:

- Heavy Metals: beryllium and chromium VI
- BTEX/MTBE (benzene, ethylbenzene, toluene, xylene-m, xylene-o, xylene-p and methyl tert-butyl ether)
- TPH Aliphatic: C5-6, C21-35
- TPH Aromatic: C5-7, C7-8, C8-10, C16-21, C21-35
- VOCs/SVOCs (including PAHs)
- Cyanide
- Phenols

Table 6.3: Summary of Groundwater Analytical Results

Determinand	Conc. Range (µg/l - unless stated otherwise)	Location of Max. Conc.	Ramboll Controlled Waters GAC – Groundwater (µg/l – unless stated otherwise)	Ramboll Controlled Waters GAC – Surface Waters (µg/l – unless stated otherwise)	No. and Location of Exceedance
Other Analysis					
Ammoniacal Nitrogen as N	<LDL – 0.062 (mg/l)	WS02	1.27 (mg/l) – (B)	0.75 (mg/l, moderate status))	0
Hardness - Total	26.6 – 494 (mg CaCO ₃ /l)	BH01	NC	NC	N/A
pH	7.2 – 7.9 (pH)	WS02	NC	NC	N/A
Sulphate as SO ₄	2360 – 109000	BH01	250000 – (A)	400000 – (C)	0
Heavy Metals					
Arsenic	0.53 – 7.47	WS08	7.5	50 – (C)	0
Boron	0.012 – 0.32 (mg/l)	BH01	1 (mg/l)	2000 – (C)	0
Cadmium	<LDL – 0.03	WS02	5	0.25	0
Calcium	9.6 – 180 (mg/l)	BH01	NC	NC	N/A
Chromium	0.7 – 8.7	WS05	50	4.7 – (C)	1 – WS05
Chromium III	<LDL – 8.7	WS05	50	4.7 – (C)	1 – WS05
Copper	4.4 – 7.1	WS08	2000	1 (bioavailable) – (C)	7 – BH01 (x2), BH02, WS02 (x2), WS05 and WS08
Lead	<LDL – 0.3	WS02/WS05	10	1.2 (bioavailable)	0
Magnesium	0.63 – 8.0 (mg/l)	BH01	NC	NC	N/A
Mercury	LDL – 0.06	BH01	1	NC	0

Table 6.3: Summary of Groundwater Analytical Results

Determinand	Conc. Range (µg/l - unless stated otherwise)	Location of Max. Conc.	Ramboll Controlled Waters GAC – Groundwater (µg/l – unless stated otherwise)	Ramboll Controlled Waters GAC – Surface Waters (µg/l – unless stated otherwise)	No. and Location of Exceedance
Nickel	1.9 – 8.2	BH02	20	4 (bioavailable)	4 – BH01 (x2), BH02 and WS02.
Selenium	<MRL – 3.4	WS05	10	NC	0
Vanadium	0.5 – 7.3	WS08	NC	60 - (C)	0
Zinc	7 – 340	WS02	23.1 – (B)	10.9 (bioavailable) - (C)	4 – BH02, WS02 (x2), and WS08
Total Petroleum Hydrocarbons (TPH)					
TPH Aliphatic C6-C8	<MRL – 130	BH01	10	10	2 – BH01 and WS02
TPH Aliphatic C8-C10	<MRL – 540	BH01	10	10	2 – BH01 and WS02
TPH Aliphatic C10-C12	<MRL - 45	WS02	10	10	1 – WS02
TPH Aliphatic C12-C16	<MRL - 91	WS02	10	10	1 – WS02
TPH Aliphatic C16-C21	<MRL - 95	WS02	10	10	1 – WS02
TPH Aromatic C10-12	<MRL - 170	BH01	10	10	3 – BH01 (x2) and WS02
TPH Aromatic C12-16	<MRL - 50	BH01	10	10	3 – BH01 (x2) and WS02

Table 6.3: Summary of Groundwater Analytical Results

Determinand	Conc. Range (µg/l - unless stated otherwise)	Location of Max. Conc.	Ramboll Controlled Waters GAC – Groundwater (µg/l – unless stated otherwise)	Ramboll Controlled Waters GAC – Surface Waters (µg/l – unless stated otherwise)	No. and Location of Exceedance
Notes: <u>Controlled Waters GAC – Groundwater (GW)</u> Drinking Water Directive (Standards) - Directive 98/83/EC on the Quality of Water Intended for Human Consumption. In the absence of the above, the following criteria has been used: (A) - Drinking Water Directive (Indicator Parameters) - Directive 98/83/EC on the Quality of Water Intended for Human Consumption. (B) - WFD Threshold Values (TVs) for 'Good Status', GW Impacts of SW (Max TV) - Schedule 5, The Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. <u>Controlled Waters GAC – Surface Waters (SW)</u> WFD 'Good' Standard, Inland Surface Water AA – (Annual Average) - 2013/39/EU: Priority Substances in the Field of Water Policy Directive / 2008/105/EC: Environmental Quality Standards in the Field of Water Policy Directive In the absence of the above, the following criteria has been used: (C) – EA Permitting Standards (England), Freshwater AA EQS - The Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015 Total Petroleum Hydrocarbons have been screened against The Water Supply (Water Quality) Regulations 1989 (Withdrawn). NC – No criteria N/A – Not applicable LDL – Laboratory detection limit					

Controlled Waters – Principal Aquifer

The following determinands were detected above the relevant GACs for the suitable protection of the underlying Principal Aquifer:

- Zinc was detected above the LDL in all locations across the site. In WS02, zinc was detected at concentrations of 31 µg/l and 340 µg/l (re-sample) exceeding the relevant GAC of 23.1 µg/l. The concentration of 340 µg/l recorded in the resample is considered isolated and not representative of the overall zinc concentrations at the site.
- Aliphatic hydrocarbons were detected above the LDL in two locations in the west of the site: BH01 and WS02. In WS02, exceedances of the GAC at 10 µg/l were recorded for the following: TPH Aliphatic C6-C8, C8-C10, C10-C12, C12-C16 and C16-C21. In BH01, exceedances were recorded for TPH Aliphatic C6-C8 and C8-C10. The two wells were resampled on 17th January 2022 and aliphatic hydrocarbons were not detected.
- Aromatic hydrocarbons were detected above the LDL in two locations in the west of the site BH01 and WS02. Exceedances of the GAC at 10 µg/l were recorded for TPH Aromatic C10-C12 and C12-C16 in both BH01 and WS02. The same exceedances were noted in the resample collected from BH01 on 17th January 2021, with concentrations of 170 µg/l (C10-C12) and 50 µg/l (C12-C16) compared to a GAC of 10 µg/l.

The elevated TPH concentrations correspond with observations recorded during the drilling of the boreholes; strong hydrocarbon (diesel) odours were noted during the drilling of BH01 and WS02 and during subsequent monitoring/sampling rounds.

No further determinands were detected at concentrations in excess of their respective GAC.

Controlled Waters – Surface Waters

The following determinands were detected above the relevant GACs for the protection of surface waters as a receptor:

- Chromium and chromium III were detected at a concentration of 8.7 µg/l in the groundwater sample from collected from WS05 compared to the GAC of 4.7 µg/l. No further exceedances of the GAC were noted and the concentrations detected were only very slightly above the GAC.
- Copper was detected above the LDL in all samples, and at concentrations exceeding the GAC of 1 µg/l. The maximum concentration of 7.1 µg/l was recorded in WS08, and is considered fairly typical for an urban area. The elevated copper concentrations detected were consistent across the site and it is likely these concentrations are associated with the poor background groundwater quality in the wider area.
- Nickel was detected above the LDL in all samples, with four samples exceeding the GAC of 4 µg/l. The maximum concentration of 8.2 µg/l was recorded in BH02, which is only marginally above the GAC. Similar to the copper concentrations discussed previously, it is likely these elevated nickel concentrations are associated with the poor background groundwater quality in the wider area.
- Zinc was detected above the LDL in all locations across the site with exceedances of the GAC at 10.9 µg/l recorded in four samples. The concentrations only marginally exceeded the screening criterion, except for in WS02 where a concentration of the 340 µg/l was detected. The concentration of 340 µg/l is considered isolated and not representative of the overall zinc concentrations at the site.
- Aliphatic and aromatic hydrocarbons were screened against the same GAC (10 µg/l) for both groundwater and surface water receptors, therefore the exceedances noted above are the same for surface waters and groundwater.

- No further determinants were detected at concentrations in excess of their respective GAC.

6.4 Summary of Potential Risks to Future Built Environment

A detailed summary of the results of the generic built environment risk assessment is provided in Appendix 5.

6.4.1 Gas Risk Assessment

In classifying the ground gases on site, reference has been made to CIRIA C655¹ and BS8485². The Gas Screening Value (GSV) / Site characteristic hazardous gas flow rate (litres of gas/hour) is the product of the maximum gas concentration (% v/v) and the maximum measured borehole (steady state) gas flow rate (l/hr). A GSV was calculated on a location-by-location basis, utilising the maximum gas concentration (methane or carbon dioxide) and maximum steady state gas flow rate taken from all of the monitoring rounds.

No flow was recorded at all locations during the monitoring rounds and a maximum gas concentration of 4.6 % v/v carbon dioxide was detected at WS03 during round 2. The results from the gas monitoring programme characterise the site as Characteristic Situation 1 (CS1) and therefore no special protection measures would be required if this was consistently achieved over further rounds.

Oxygen levels were recorded to be below 18% v/v on four occasions during the monitoring rounds. The depleted oxygen in the shallow ground needs to be considered during the development phase due to the risks to construction workers if confined spaces such as excavations are created. Workers should be notified of the risks from ground gases and depleted oxygen levels, with mitigation measures put in place.

CIRIA C665 indicates that where carbon dioxide typically is greater than 5 % v/v and /or methane is typically greater than 1 % v/v, consideration should be given classifying the site as a minimum of CS2, where gas protection measures would be required. The maximum concentration of carbon dioxide recorded to date is 4.6 % v/v. CS2 would require basic gas protection measures including a well-constructed floor slab and a ground gas resistant membrane.

The two monitoring rounds to date have been undertaken during high atmospheric pressure. Further monitoring under falling or low atmospheric pressure (<1000 mb – worst case scenario conditions) is recommended.

6.4.2 Water Supply Pipework

Buried water supply pipes can be at risk from permeation and accelerated deterioration from certain contaminants. The results of this investigation should be used by the appropriate party during future construction activities to determine the material selection requirements for future water supplies i.e. the architect.

6.5 Post Investigation Conceptual Site Model

The site is currently occupied by a single storey warehouse building with a service yard and car parking areas. The site is proposed for redevelopment comprising a build to rent high rise apartment scheme, with commercial at ground level and undercroft parking.

¹ CIRIA Report C665

² Code of practice for the characterization and remediation from ground gas in affected development – BS8485:2007.

The post investigation CSM with potential pollutant linkages is presented in Table 6.4 below and has been formulated based on data obtained by Ramboll and the nature of the proposed development.

Table 6.4: Revised Conceptual Site Model

Source	Pathway	Receptors	Confirmed Risk (?)	Pollutant Linkage No.
Asbestos in shallow Made Ground	Inhalation of dust and asbestos fibres	Human health – future site users	Future Residential Users Low –The proposed development will comprise a large building footprint, with areas of hard standing and minimal 'clean' newly installed soft landscaping areas, thus severing or removing any potential future exposure linkage	PL1
Chromium / Chromium III detected at a concentration of 8.7 µg/l in WS05 compared to the relevant GAC of 4.7 µg/l.	Vertical migration of contaminated groundwater in aquifer	Groundwater – Principal Aquifer	Low – concentration does not exceed the DWS but is marginally above the EQS. The concentration is isolated with no other exceedances noted at the site. Groundwater does not flow towards the River Kennet directly.	PL2
	Lateral migration of contaminated groundwater to off-site watercourses	Surface Water – River Kennet approximately 100 m north west		
Ground gases	Inhalation of hazardous ground gas	Human health - future site users and the built environment	Future Residential Users / Built Environment Low to moderate - further monitoring required to verify whether basic protection measures are necessary. The proposed development will comprise a large building footprint and areas of hard standing with minimal soft landscaping areas.	PL3
Low concentrations of heavy metals in groundwater across the site (copper, nickel and zinc).	Vertical migration of contaminated groundwater	Groundwater – Principal Aquifer	Low – the concentrations marginally exceed the relevant GACs, except for zinc where a concentration of 340 µg/ was detected compared to the EQS of 10.9 µg/l on one	PL4

Table 6.4: Revised Conceptual Site Model

	to deep aquifer		occasion. This is isolated and not considered significant.	
	Lateral migration of contaminated groundwater to off-site watercourses	Surface Water – River Kennet approximately 100 m north west	On a site wide basis the concentrations of heavy metals are low and are likely a reflection of the poor-quality groundwater in the wider urban area.	PL4
Total petroleum hydrocarbons (TPH) identified in groundwater at concentrations above the GAC (10 µg/l) in two locations in the west of the site, BH01 and WS02.	Vertical migration of contaminated groundwater to deep aquifer	Groundwater – Principal Aquifer.	Moderate – the maximum total aliphatic and aromatic hydrocarbon concentrations were recorded at 670 µg/l and 160 µg/l both in the sample collected from BH01 which are above the GAC at 10 µg/l.	PL5
	Lateral migration of contaminated groundwater to off-site watercourses	Surface Water – River Kennet approximately 100 m north west	BH01 and WS02 were resampled, and aliphatic hydrocarbons were not detected in either sample, with aromatic hydrocarbons only being detected in BH01 albeit at a slightly highly concentration of 220 µg/l. Groundwater flow is not directly towards the River Kennet. In the second monitoring round TPH was not detected in WS02 (northern boundary) or other downgradient boreholes, whereas TPH was detected in BH01 (south of WS02). This demonstrates that the migration of the contamination is limited and it is localised. The extent of the hydrocarbon contamination on site is not fully defined, albeit is generally at low concentrations. Further delineation investigation and risk assessment is recommended. Future piling activities associated with the proposed development have the potential to	PL5

Table 6.4: Revised Conceptual Site Model

			create a pathway for the migration of contaminants deeper into the aquifer. A Foundation Works Risk Assessment is recommended.	
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PL1 – Asbestos was identified in two of twelve samples collected from the Made Ground: WS05 at 0.25 m bgl and WS08 at 0.50 m bgl. No other detections of asbestos were noted within the Made Ground. The asbestos content within the sample collected from WS08 was recorded at 0.253 % and was present in the form of hard cement type material. Further sampling of the Made Ground may be required to prove/disprove that this detection as an isolated exceedance. Further consideration must be taken to protect workers during the construction phase of the development.

PL2 - An elevated concentration of chromium / chromium III was identified in one of the five groundwater monitoring wells that was sampled, in WS05 in the east of the site. The concentration is isolated and only very marginally above the stringent EQS screening criterion.

PL3 – The ground gas assessment has not identified significant levels of hazardous gases at the site and the site has been classified as Gas Characteristic Situation 1 (i.e., no special gas protection measures required); however, moderate carbon dioxide concentrations of 4.6 and 4.4 % v/v were recorded in WS03 during rounds 1 and 2 respectively. Slightly elevated concentrations of carbon dioxide, together with depleted oxygen levels pose a risk to workers when activities are undertaken in confined spaces, for example excavations for utility routes. CIRIA C665 indicates that where carbon dioxide typically is greater than 5 % v/v consideration should be given classifying the site as a minimum of CS2, where gas protection measures would be required. To date, monitoring has been undertaken during periods of high pressure, it is recommended that further monitoring under falling or low atmospheric pressure (<1000 mb – worst case scenario conditions) is undertaken which will assist in further characterising the ground gas regime at the site.

PL4 – Concentrations of heavy metals (copper, nickel and zinc) were identified in groundwater across the site. Copper and nickel were at concentrations marginally exceeding the stringent screening criteria of the EQS but not DWS, whereas zinc concentrations measured in two samples collected from WS02 exceeded both EQS and DWS.

PL5 – Aliphatic and aromatic hydrocarbons were detected in groundwater samples collected from BH01 and WS02 in the west of the site. Further delineation investigation and controlled waters DQRA is likely to be necessary to confirm whether remediation is required or not.

7. DEVELOPMENT CONSIDERATIONS

7.1 Mitigation and Remediation

Notable ground contamination within the Made Ground was limited to the asbestos detections in two locations. Mitigation against the concentrations of asbestos within soils can be managed through the construction and design of the proposed development where it is managed in accordance with the requirements of this section.

Petroleum hydrocarbons were detected within groundwater at BH01 and WS02 in the west of the site, with the highest concentrations recorded in BH01. The contamination is relatively modest in concentration and it may be possible to demonstrate through delineation, additional risk assessment and a foundation works risk assessment that remediation is not required. Further sampling should take place to delineate the impact including beneath the building and to close any relevant data-gaps or further monitoring requirements identified in this report.

A Remediation Strategy should be completed specific to the proposed development and include remedial measures to mitigate the risks identified above.

7.2 As-Yet-Unidentified Contamination

Based on the available information the site does not appear to be significantly contaminated; however, it has not been possible to sample beneath the building and given that asbestos and hydrocarbon impact have been identified outside of the current building footprint there is a potential for similar areas of impact to be present beneath the building. Further investigation should take place beneath the building footprint in future.

As with any site investigation given the constraints and nature of the borehole sampling from small diameter positions it cannot be discounted that further hot spots of contamination may be present between sampling points, beneath the building's footprint or that 'unexpected finds' may be encountered during earthworks, which could require management during redevelopment (this is the case for any brownfield land). A watching brief should be followed during the earthworks on-site by an appropriately experienced environmental consultant to identify and provide advice on the management of such finds.

7.3 Re-use Of Materials on Site

Where the re-use of soils at the site takes place, such as during a cut and fill exercise (if applicable), this would need to be documented within a Materials Management Plan (or other suitable regulatory mechanism allowing waste soil re-use as may apply at the time of the construction work), following the CL:AIRE guidance "Definition of Waste: Development Industry Code of Practice". There is a four-point test for the re-use of material:

- **Protection of human health and the environment** - suitable risk assessments must be in place to demonstrate that the re-use of materials is acceptable.
- **Suitability of use without further treatment** - should the contaminated soils need treating then they may still be re-used (under an appropriate authorisation).
- **Certainty of use** - there should be a justifiable reason for re-use rather than just avoiding waste disposal.
- **Quantity of Materials** - only the quantities required for the specific use should be used.

Assuming that these four points can be satisfied by providing suitable risk assessments and within the design of the development, it should be possible to re-use materials on site (if required).

7.4 Acute Human Health Risks during Development Activities

This report and risk assessment is not an appraisal of risks to ground development workers, and the site should be treated as a brownfield site. Future development workers should be provided with the results of this assessment.

Construction workers should be prepared to use appropriate personal protective equipment during construction work, to prevent contact with contaminated soils and potentially hazardous gases, vapours and dust that might be present. Dust suppression measures should be employed at the site if contaminated materials are exposed during construction, to prevent off-site migration of contaminants via this pathway. Also note that asbestos fibres are present in soils and are discussed separately further below.

7.5 Waste Disposal

Waste Classification of on-site soils has not been completed as part of this assessment. Ramboll recommend that the soil chemical data obtained within this report be used in addition to further soil samples obtained in the future to assess the suitability of soils for re-use and or waste disposal. There is the potential that some soil removal and disposal will be required as part of the proposed development works and in creating new service runs. The review of current data and future sampling and analysis should be undertaken to determine the appropriate waste disposal route. An asbestos fragment was recorded at a concentration above the hazardous waste threshold and therefore some soil may need to be disposed as hazardous waste. As with any brownfield site the management and segregation of waste soils will lead to lower disposal costs (if required).

7.6 Asbestos in Soils Management

Asbestos was detected in two out of twelve Made Ground soil samples, from two locations (WS05 and WS08). Asbestos in the form of cement type material was identified in the sample obtained from WS08 at 0.5 m bgl. The asbestos content was reported as 0.253%, above the laboratory detection limit (LDL) of <0.001%.

Based on this initial data in Ramboll's professional opinion the works in this area would be classed as non-licensed under the Control of Asbestos regulations 2012 and associated CAR-Soil guidance (July 2016). This would require the client to undertake the work using trained and competent workers in accordance with a Plan of Work and using appropriate control measures to prevent exposure and the spread of asbestos.

Additional soil sampling in the Made Ground could be beneficial to establish if the asbestos fragment is isolated or not. If no further asbestos containing material is found and the asbestos fibres in soil concentrations are <0.001% in concentration, it is likely that the work would not be classed as non-licensed work (but precautions would still be required even if trace fibres are present – see below).

If the work is non-licensed or outside of CAR there will still be a need to implement asbestos management measures given the presence of fibres in the soil and nearby third-party property. This will need to comprise basic controls and mitigations such as:

- daily independent air monitoring conducted around the site during disturbance and removal of the soil to provide quantitative data with respect to fibre suppression mitigation measures;
- dust suppression using water/ mist spray will be required where there is a potential for dusty soil to be generated during the excavation and loading process (rainfall or wet ground may naturally control this risk); and
- appropriate PPE should be used at all times including:
 - semi-disposable respirators – EN405 with P3 filter;

- washable safety boots or a dedicated pair of safety boots; and
- personal decontamination facilities.

Should unexpected Asbestos Containing Materials (ACM) be encountered, such as friable material, insulation board or asbestos lagging, the impacted area should be fenced off, appropriate signage installed, and an assessment of the material made by a competent and trained person (potentially by Ramboll) who will advise on the next steps.

8. CONCLUSIONS AND RECOMMENDATIONS

Ramboll's desk study identified a potential for contamination on-site given the historic use as a militia ground and clothing factory with a tank identified in the north-east, a preliminary conceptual site model (CSM) was developed and a site investigation was designed based on the CSM to provide an initial characterisation of the ground conditions. This occurred in 2021 and there is a need to close-out data gaps identified in this report and undertake further monitoring.

Below the hardstanding, the site is underlain by Made Ground of approximately 0.9 m thickness, followed by depths of superficial Taplow Gravels (found in WS02 and WS03 only) that does not extend across the site and ranges from 0.4 to 2.0 m thick. The Made Ground / Taplow Gravel is underlain by structureless chalk of the Seaford Chalk Formation, the base of which was not proven. The chalk was recovered as gravelly silt to silty gravel with gravel of chalk and flint. Flint is fine to coarse with occasional cobbles.

8.1 Contaminated Land

Asbestos was detected in two Made Ground soil samples from the east of the site, with one sample at a concentration of 0.253 % measured above the hazardous waste threshold.

Petroleum hydrocarbons were detected in groundwater in BH01 and WS02 in the west of the site, exceeding the GAC for groundwater and surface waters. Further delineation and risk assessment should be undertaken relating to the impact and it cannot be discounted that soil and groundwater remediation may locally be required prior to piling through this area. Concentrations of heavy metals (copper, nickel and zinc) were detected in groundwater across the site, which are reflective of the general urban nature of the site.

Ground gas monitoring has been undertaken and has classified the site as Characteristic Situation 1 (no special gas protection measures required). Further monitoring will be required to confirm this classification.

Overall, the contamination is expected to be manageable in the context of the proposed development.

8.2 Next Steps

In general terms, based on the available information, the site is very typical of urban city centre land. Ramboll consider the site will be suitable for a proposed Built to Rent use with a commercial ground floor subject to the following actions that align with the staged approach to ground contamination assessment set out in the Environment Agency's Land Contamination Risk Management guidelines:

- Further delineation of the petroleum hydrocarbon and asbestos contamination should be undertaken ideally once the existing building has been demolished. Further risk assessment will then be required to define the remedial requirements.
- Prior to development a remediation strategy should be prepared, considering the ground conditions and setting out the proposed mitigation for the identified risks, including, but not limited to, capping, landscaping, gas protection (if required), targeted soil and groundwater remediation (subject to the findings of the additional investigation and RA) and appropriate material selection and installation (water pipes, gas protection etc.).
- A Foundation Works Risk Assessment should be undertaken.
- A waste assessment has not been undertaken as part of this scope; Ramboll can provide a Preliminary Waste Assessment, however the contractor will need to assess waste prior to loads being removed from site.

- The findings of the preliminary ground-gas risk assessment found the site to be classified as CS1 (i.e., no gas protection measures required); however, the monitoring has been undertaken during periods of high atmospheric pressure. Further gas monitoring under falling or low atmospheric pressure (<1000 mb, i.e., worst case scenario conditions), or a period of continuous monitoring should be undertaken. Further monitoring and a more detailed risk assessment may assist to confirm that gas protection measures are not required.
- Where topsoil may be required for proposed soft landscaped areas, it is recommended that the soil is imported and verified as being free from asbestos and other contaminants.
- It is recommended that a watching brief is implemented during ground works to identify any unforeseen ground conditions or localised contamination hotspots (e.g., concentrated pockets of contamination, asbestos or hydrocarbons). If previously unforeseen contamination is identified, the risk assessment should be updated accordingly.
- Consideration of the presence of asbestos will be required when planning the development earthworks and ensuring a Plan of Work and controls are in place. The work is expected to be non-licensed based on the findings to date, trial pitting under controlled conditions into this area would be beneficial to confirm the licensing requirements.
- Prior to demolition or major refurbishment works of the existing buildings a pre-demolition asbestos survey should be completed (in accordance with HSG 264, 2012), and asbestos materials removed for disposal at a suitable licensed facility prior to demolition taking place.

APPENDIX 1 FIGURES

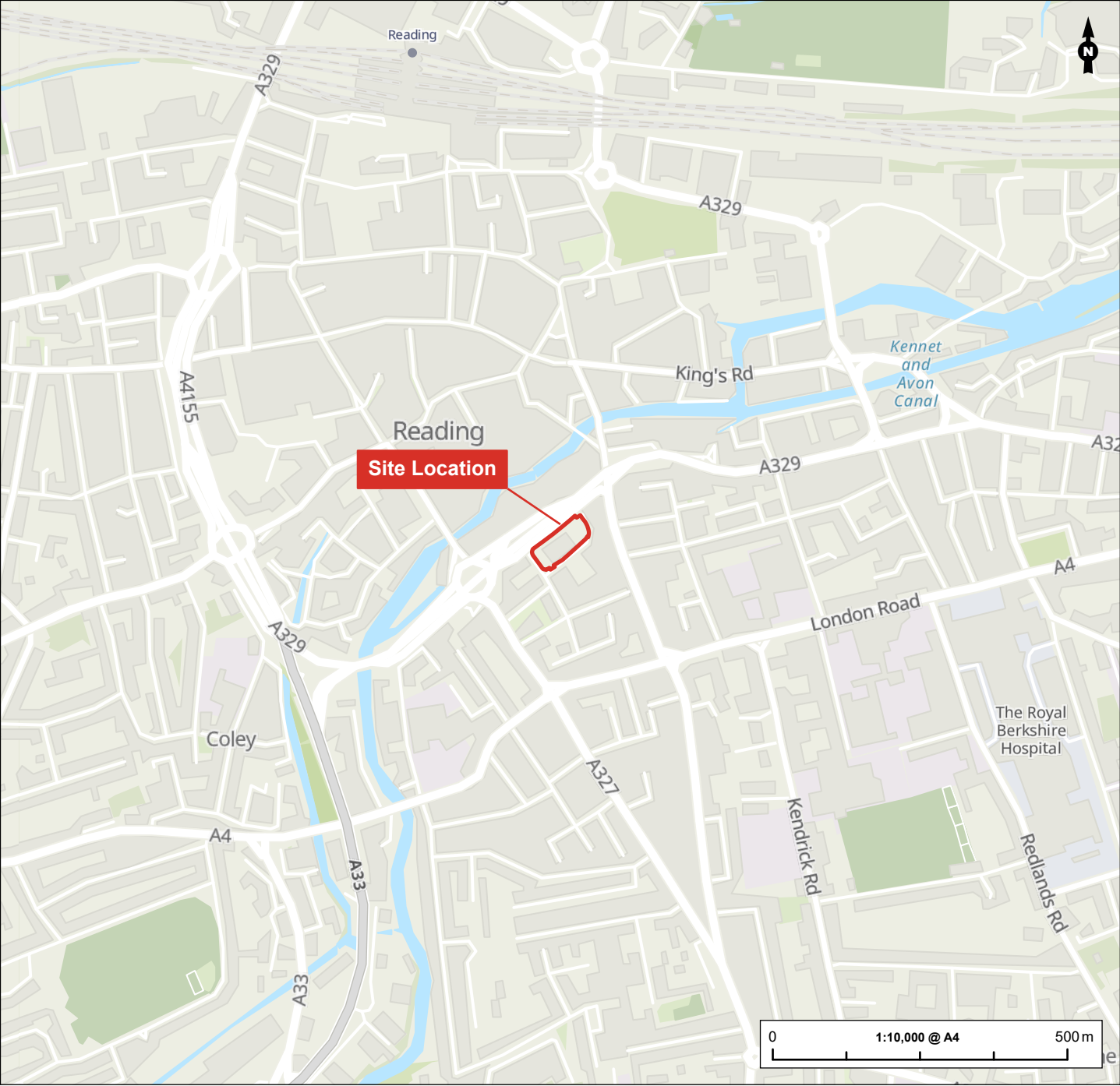
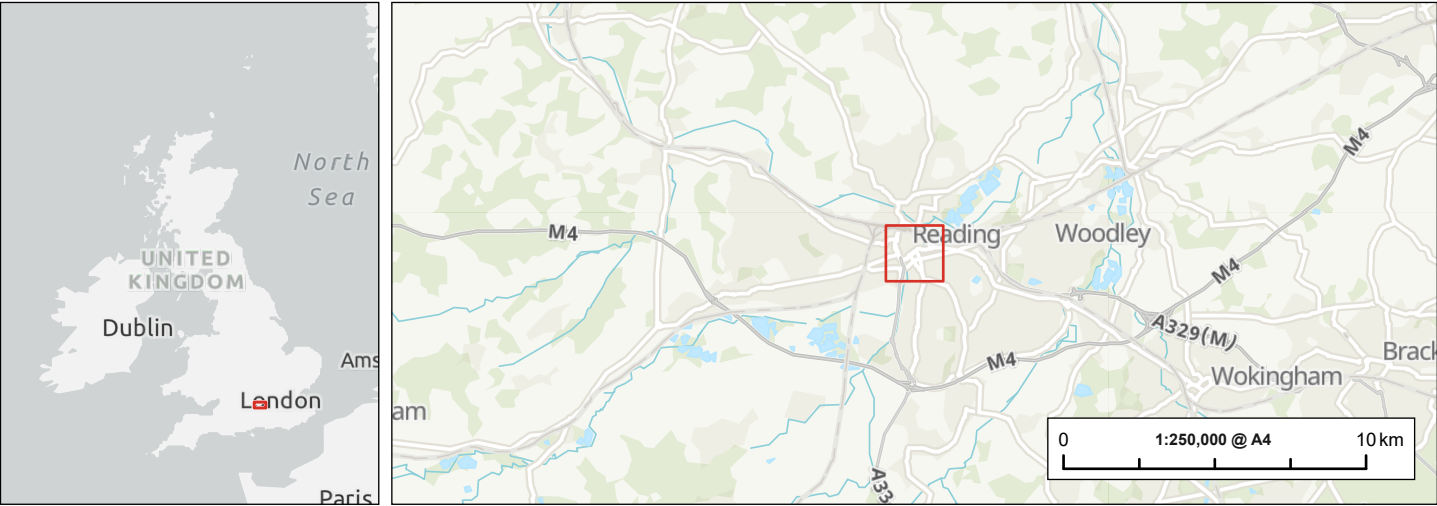


	Figure Title Site Location	Project Name Former John Lewis Depot, Letcombe Street, Reading (also known as JLP Mill Lane)	Date May 2024	
	Client John Lewis Plc	Project No./File ID 1620017037 / REH2024N02370	Prepared By CT	Figure No. 1
			Scale As Shown	Revision 1.0



Legend

Site Boundary

Figure Title
Site Layout

Project Name
Former John Lewis Depot,
Letcombe Street, Reading (also
known as JLP Mill Lane)

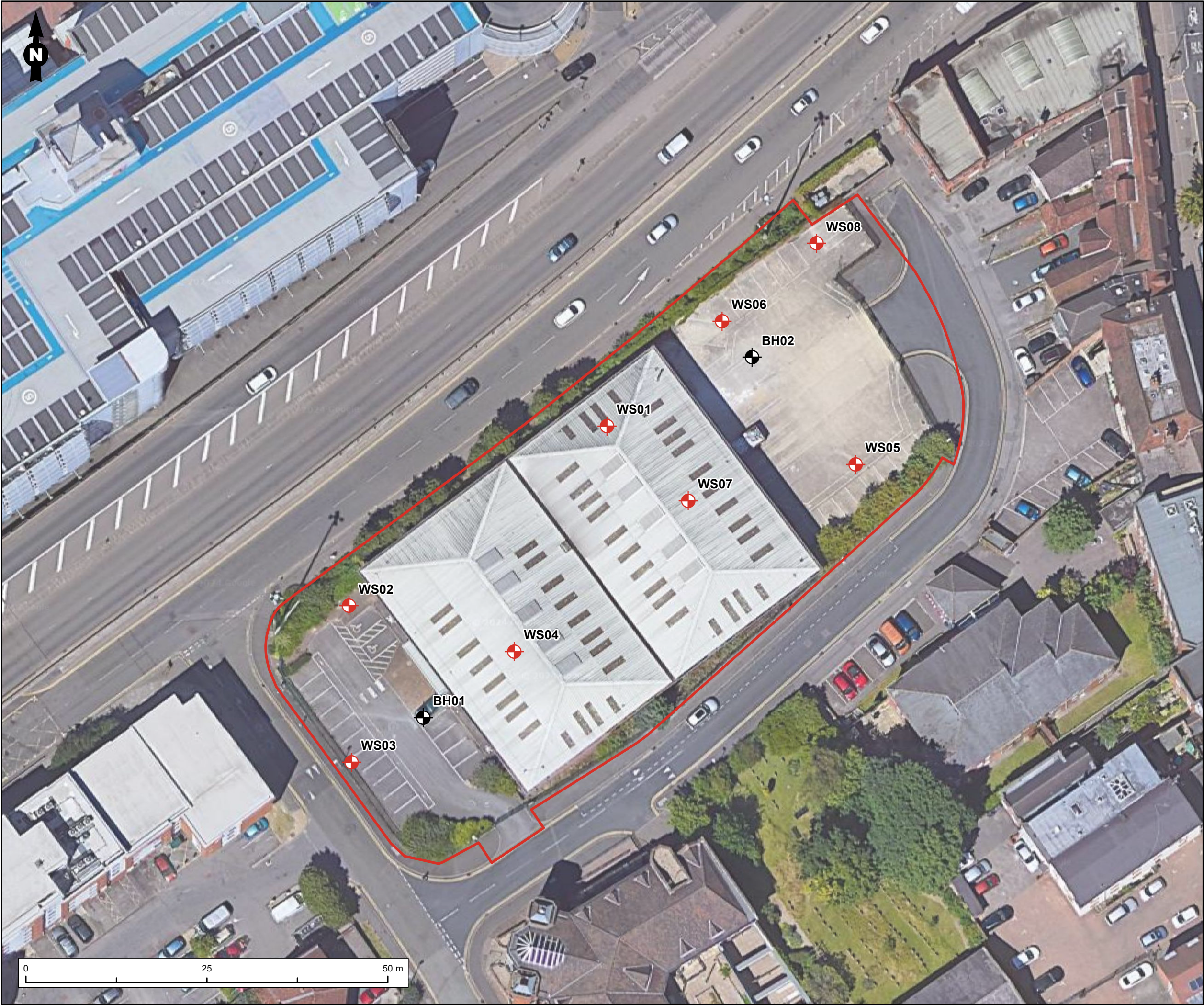
Project No./Filey ID
1620017037 / REH2024N02370

Date	Figure No.	Revision
May 2024	2	1.0

Prepared By	Scale
CT	1:1,000 @A4

Client
John Lewis Plc





Legend

Site Boundary

Borehole

Window Sample

Figure Title

Borehole Plan

Project Name

Former John Lewis Depot, Letcombe Street, Reading (also known as JLP Mill Lane)

Project No./Filery ID

1620017037 / REH2024N02370

Date

May 2024

Figure No.

3

Revision

1.0

Prepared By

CT

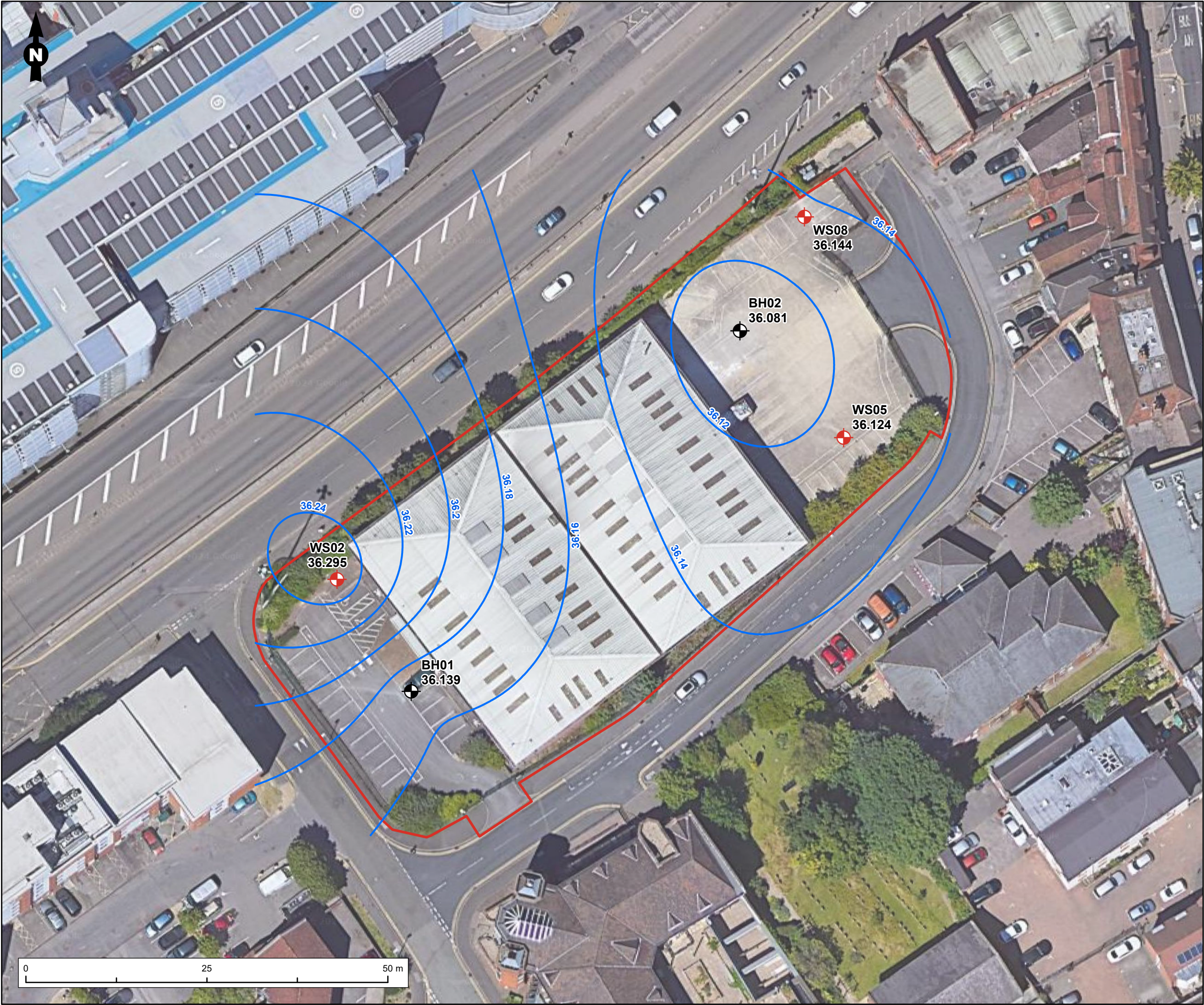
Scale

1:500 @A3

Client

John Lewis Plc

RAMBOLL



Legend

Site Boundary

Borehole

Window Sample

Groundwater Level (m AOD)

Figure Title
Interpolated Groundwater Levels
December 2021

Project Name
Former John Lewis Depot, Letcombe
Street, Reading (also known as JLP
Mill Lane)

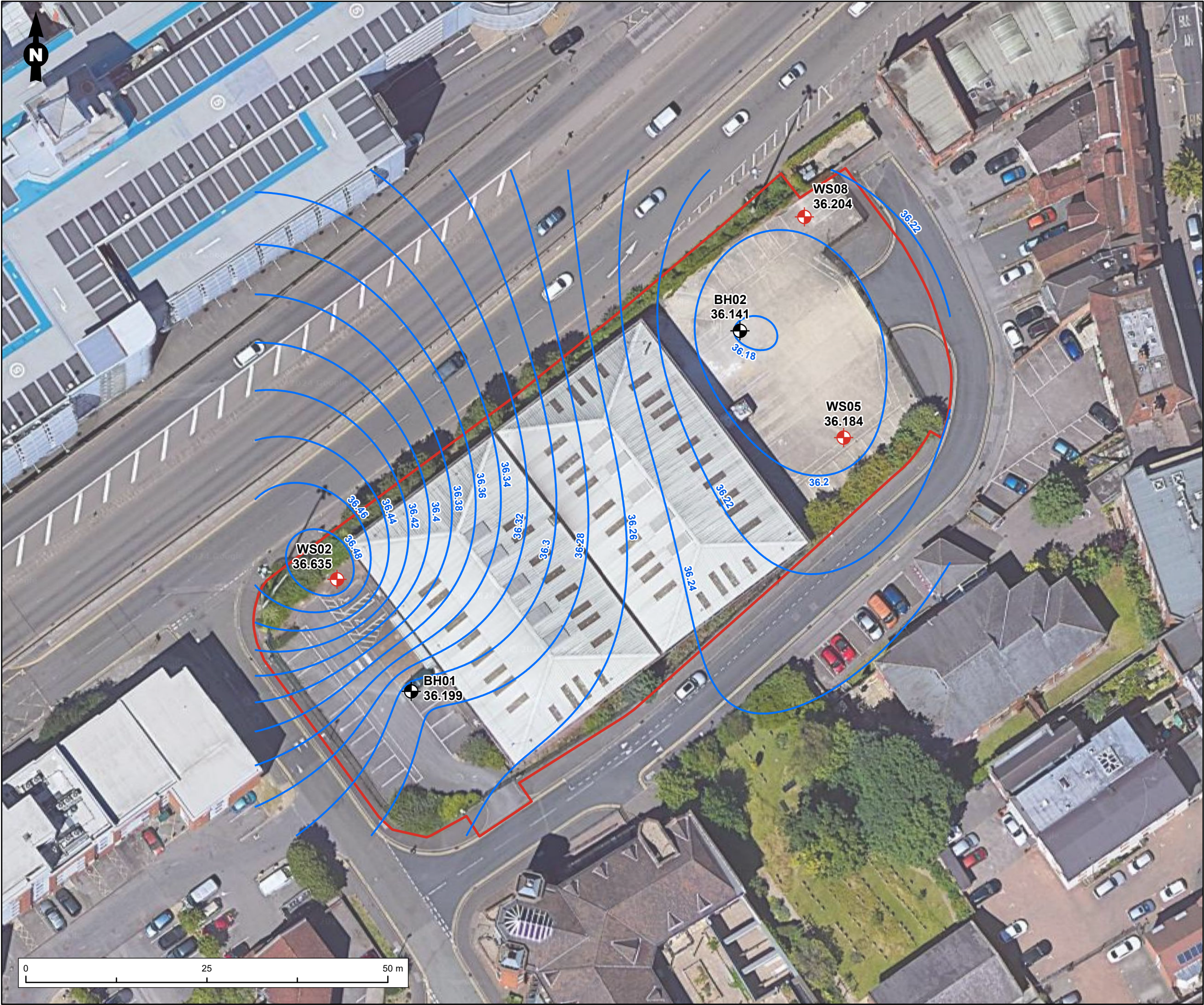
Project No./Filey ID
1620017037 / REH2024N02370

Date	Figure No.	Revision
May 2024	4	1.0

Prepared By	Scale
CT	1:500 @A3

Client
John Lewis Plc





Legend

Site Boundary

Borehole

Window Sample

Groundwater Level (m AOD)

Figure Title		
Interpolated Groundwater Levels January 2022		
Project Name		
Former John Lewis Depot, Letcombe Street, Reading (also known as JLP Mill Lane)		
Project No./Filey ID		
1620017037 / REH2024N02370		
Date	Figure No.	Revision
May 2024	5	1.0
Prepared By	Scale	
CT	1:500 @A3	
Client		
John Lewis Plc		
		

APPENDIX 2 ENVIROCHECK REPORT

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

348647339_1_1

Customer Reference:

1620061456

National Grid Reference:

471700, 173090

Slice:

A

Site Area (Ha):

0.44

Search Buffer (m):

1000

Site Details:

Premier Inn, Letcombe Street
READING
RG1 2HN

Client Details:

Mr S kirnon
Ramboll UK Ltd
Cornerblock
2 Cornwall Street
Birmingham
B3 2DX

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	58
Hazardous Substances	60
Geological	61
Industrial Land Use	82
Sensitive Land Use	130
Data Currency	131
Data Suppliers	137
Useful Contacts	138

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		8	7	18
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 10		1	1	10
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature			Yes		
Pollution Incidents to Controlled Waters	pg 11		13	34	90
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances	pg 34				14
River Quality	pg 36		1		3
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points	pg 37			1	
Substantiated Pollution Incident Register	pg 38			1	1
Water Abstractions	pg 38		2		3 (*31)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 47	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 47	1	n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 47	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 47	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 47		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 48		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 49		13	30	34

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 58				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 58				2
Local Authority Landfill Coverage	pg 58	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 58			1	4
Potentially Infilled Land (Water)	pg 58		3	1	12
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents	pg 60				1
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 61	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 61	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 62			1	45
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability	pg 70	Yes	n/a	n/a	n/a
Man-Made Mining Cavities	pg 70		1	8	19
Natural Cavities	pg 75			5	31
Non Coal Mining Areas of Great Britain	pg 80		Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 80	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 80		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 80	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 81	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 81	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 81		Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 81	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 82		54	65	251
Fuel Station Entries	pg 113				6
Points of Interest - Commercial Services	pg 113		11	9	60
Points of Interest - Education and Health	pg 120			1	9
Points of Interest - Manufacturing and Production	pg 121			12	26
Points of Interest - Public Infrastructure	pg 124		3	4	33
Points of Interest - Recreational and Environmental	pg 127		3		15
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 130				1
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (NW)	0	1	471699 173089
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	48	1	471700 173000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	74	1	471750 173000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	93	1	471699 172950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	188	1	471550 172900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	193	1	471699 172850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	206	1	471600 172850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	211	1	471950 173050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	228	1	471550 172850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	258	1	471500 172850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (NW)	388	1	471500 173450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (E)	417	1	472150 173000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (E)	479	1	472200 172950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	493	1	471699 172550
1	Discharge Consents Operator: H&G Simmonds Ltd, The Brewery, Reading, Berks Property Type: MAKING OF BEVERAGES/BREWERIES/SOFT DRINKS Location: The Brewery, Reading, Berks Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctr.0211 Permit Version: 1 Effective Date: 19th December 1955 Issued Date: 19th December 1955 Revocation Date: 12th June 1990 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Kennet Status: Authorisation revoked Positional Accuracy: Manually corrected supplier location	A13NW (NW)	129	2	471600 173200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Huntley & Palmers Ltd Property Type: Undefined Or Other Location: Premises, Kings Rd, Reading, Berks Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctcp.0296 Permit Version: 1 Effective Date: 12th February 1964 Issued Date: 12th February 1964 Revocation Date: 4th February 1986 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: R Kennet Status: Authorisation revoked Positional Accuracy: Manually corrected supplier location	A13NE (NE)	179	2	471800 173300
2	Discharge Consents Operator: Huntley & Palmers Ltd Property Type: Undefined Or Other Location: Premises, Kings Rd, Reading, Berks Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctcp.0295 Permit Version: 1 Effective Date: 12th February 1964 Issued Date: 12th February 1964 Revocation Date: 4th February 1986 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: R Kennet Status: Authorisation revoked Positional Accuracy: Manually corrected supplier location	A13NE (NE)	179	2	471800 173300
2	Discharge Consents Operator: Huntley & Palmers Ltd Property Type: Undefined Or Other Location: Premises, Kings Rd, Reading, Berks Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctcp.0297 Permit Version: 1 Effective Date: 12th February 1964 Issued Date: 12th February 1964 Revocation Date: 4th February 1986 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: R Kennet Status: Authorisation revoked Positional Accuracy: Manually corrected supplier location	A13NE (NE)	179	2	471800 173300
2	Discharge Consents Operator: Huntley & Palmers Ltd Property Type: Undefined Or Other Location: Premises, Kings Rd, Reading, Berks Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctcp.0298 Permit Version: 1 Effective Date: 12th February 1964 Issued Date: 12th February 1964 Revocation Date: 4th February 1986 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: R Kennet Status: Authorisation revoked Positional Accuracy: Manually corrected supplier location	A13NE (NE)	179	2	471800 173300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Huntley & Palmers Ltd Property Type: Undefined Or Other Location: Premises, Kings Rd, Reading, Berks Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctcp.0299 Permit Version: 1 Effective Date: 12th February 1964 Issued Date: 12th February 1964 Revocation Date: 4th February 1986 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: R Kennet Status: Authorisation revoked Positional Accuracy: Manually corrected supplier location	A13NE (NE)	179	2	471800 173300
2	Discharge Consents Operator: Huntley & Palmers Ltd, King'S Road, Reading, Berks Property Type: Undefined Or Other Location: Factory At Reading, Berks Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cctr.0508 Permit Version: 1 Effective Date: 22nd March 1962 Issued Date: 22nd March 1962 Revocation Date: 3rd April 1987 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Kennet Status: Authorisation revoked Positional Accuracy: Manually corrected supplier location	A13NE (NE)	179	2	471800 173300
3	Discharge Consents Operator: Geoffrey Osbourne Building Ltd Property Type: Undefined Or Other Location: 17/23 King Street, Reading, Berkshire Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.3315 Permit Version: 1 Effective Date: 12th June 1989 Issued Date: 12th June 1989 Revocation Date: 27th June 1991 Discharge Type: Unknown Discharge: Freshwater Stream/River Environment: Receiving Water: Holy Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	208	2	471600 173300
4	Discharge Consents Operator: John Graham Construction Limited Property Type: CONSTRUCTION OF BUILDINGS Location: Dewatering Works Serv Kings House Kings House 33 Kings Road Reading Berkshire Rg1 3bu Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Eprdb3097al Permit Version: 1 Effective Date: 7th October 2015 Issued Date: 7th October 2015 Revocation Date: 21st February 2017 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Holy Brook Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	365	2	471920 173447

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Mepc Plc Property Type: Undefined Or Other Location: Abbey Gardens, Phase 1, Reading, Berks Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.0662 Permit Version: 1 Effective Date: 11th February 1986 Issued Date: 11th February 1986 Revocation Date: 19th March 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: The Holy Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	378	2	471940 173450
4	Discharge Consents Operator: Pfa Invest International Property Type: Undefined Or Other Location: The Abbey Gardens Development, Phase Ii, Reading Berks Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: Ctwc.0563 Permit Version: 1 Effective Date: 20th January 1986 Issued Date: 20th January 1986 Revocation Date: 5th September 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Holy Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A18SE (NE)	384	2	471950 173450
4	Discharge Consents Operator: Pfa Invest International Property Type: Undefined Or Other Location: The Abbey Gardens Development, Phase Ii, Reading Berks Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: Ctwc.0564 Permit Version: 1 Effective Date: 20th January 1986 Issued Date: 20th January 1986 Revocation Date: 11th July 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Holy Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	384	2	471950 173450
5	Discharge Consents Operator: Huntley & Palmers Ltd Property Type: Undefined Or Other Location: Factory Premises, Kings Road, Reading, Berks Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctcp.0294 Permit Version: 1 Effective Date: 12th February 1964 Issued Date: 12th February 1964 Revocation Date: 4th February 1986 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: R Kennet Status: Authorisation revoked Positional Accuracy: Manually corrected supplier location	A18SE (N)	367	2	471700 173500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Discharge Consents Operator: Mepc Plc Property Type: Undefined Or Other Location: Abbey Garden Development, Phaseiii, Reading, Berks Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.2738 Permit Version: 1 Effective Date: 15th August 1988 Issued Date: 15th August 1988 Revocation Date: 25th February 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Kennet Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	420	2	472020 173440
6	Discharge Consents Operator: Mepc Projects Ltd Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Blakes Cottages, Reading Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.0514 Permit Version: 1 Effective Date: 19th November 1985 Issued Date: 19th November 1985 Revocation Date: 25th April 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Kennet Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	448	2	472050 173450
7	Discharge Consents Operator: Nabisco Group Ltd. 121 Kings Road, Reading. Berksh Property Type: Undefined Or Other Location: Nabisco Brands Ltd. Kings Road Reading Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.0435 Permit Version: 1 Effective Date: 18th October 1985 Issued Date: 18th October 1985 Revocation Date: 8th May 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Kennet Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	595	2	472230 173460
8	Discharge Consents Operator: The Occupier Property Type: Undefined Or Other Location: Storage Yard, 5/9 Berkeley Avenue, Reading, Berkshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: Ctwc.2914 Permit Version: 1 Effective Date: 1st December 1988 Issued Date: 1st December 1988 Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Onto Land Environment: Receiving Water: Alluvium Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	631	2	471350 172500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Reading, Bennet Roadreadingbennet Road Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.1767 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 13th October 2015 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Holly Brook Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12SW (W)	655	2	471000 173001
9	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Reading, Bennet Roadreadingbennet Road Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.1767 Permit Version: 1 Effective Date: 2nd November 1989 Issued Date: 2nd November 1989 Revocation Date: 2nd September 2010 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Holly Brook Status: Temporary Consents (Water Act 1989, Section 113) Positional Accuracy: Located by supplier to within 10m	A12SW (W)	655	2	471000 173001
9	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Reading, Vastern Roadreadingvastern Road Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.1779 Permit Version: 1 Effective Date: 2nd November 1989 Issued Date: 2nd November 1989 Revocation Date: 31st March 1997 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Holy Brook Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 10m	A12SW (W)	655	2	471000 173002
10	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WTW/WATER COLLECTION/TREATMENT/SUPPLY Location: Metropolitan Water Board (Now Thames Water - Central) Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctcp.0445 Permit Version: 1 Effective Date: 16th November 1964 Issued Date: 16th November 1964 Revocation Date: 15th December 1998 Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge: Freshwater Stream/River Environment: Receiving Water: Thames Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Manually corrected supplier location	A18NE (N)	766	2	471700 173900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WTW/WATER COLLECTION/TREATMENT/SUPPLY Location: Metropolitan Water Board (Now Thames Water - Central) Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctcp.0446 Permit Version: 1 Effective Date: 16th November 1964 Issued Date: 16th November 1964 Revocation Date: 15th December 1998 Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge: Freshwater Stream/River Environment: Receiving Water: Thames Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Manually corrected supplier location	A18NE (N)	766	2	471700 173900
11	Discharge Consents Operator: Sir Robert Mcalpine Ltd. Property Type: CONSTRUCTION OF BUILDINGS Location: Nugent House Vastern Road Reading Berkshire Rg1 8db Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CAWM.0103 Permit Version: 2 Effective Date: 15th December 1999 Issued Date: 6th December 1999 Revocation Date: 29th February 2000 Discharge Type: Trade Effluent Discharge: Land/Soakaway Environment: Receiving Water: To The Vastern Ditch Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A18NE (N)	846	2	471710 173980
11	Discharge Consents Operator: Sir Robert Mcalpine Ltd. Property Type: CONSTRUCTION OF BUILDINGS Location: Nugent House Vastern Road Reading Berkshire Rg1 8db Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cawm.0103 Permit Version: 1 Effective Date: 15th October 1999 Issued Date: 6th December 1999 Revocation Date: 14th December 1999 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: To The Vastern Ditch Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18NE (N)	846	2	471710 173980
12	Discharge Consents Operator: Rockfort Homes Ltd Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Housing Development, Rose Kiln Lane, Reading, Berkshire Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.2920 Permit Version: 1 Effective Date: 1st December 1988 Issued Date: 1st December 1988 Revocation Date: 11th February 1992 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Holy Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	863	2	471200 172320

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	Discharge Consents Operator: British Gas Plc Southern Property Type: SUB-STATION/ELECTRICITY/GAS/AIR CONDITIONING SUPPLY Location: Reading Gasworks Site, Off Kenavon Drive, Reading, Berks Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: Ctwc.1649 Permit Version: 1 Effective Date: 9th June 1987 Issued Date: 9th June 1987 Revocation Date: 1st October 1996 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Kennet Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	912	2	472560 173520
14	Discharge Consents Operator: Reading Concrete Products Property Type: MAKING OF GLASS/CERAMICS/CEMENT/CUTTING STONE Location: R. C. Products, Rose Kiln Lane, Reading, Berks Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: Ctwc.1165 Permit Version: 1 Effective Date: 1st September 1986 Issued Date: 1st September 1986 Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Onto Land Environment: Receiving Water: Alluvium Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	943	2	471250 172200
15	Discharge Consents Operator: Environment Agency - Thames Region Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Caversham Lock House, Caversham, Reading, Berkshire Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Csm.0015 Permit Version: 2 Effective Date: 26th May 2006 Issued Date: 26th May 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Thames Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18NE (N)	954	2	472000 174050
15	Discharge Consents Operator: Environment Agency - Thames Region Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Caversham Lock House, Caversham, Reading, Berkshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CSSM.0015 Permit Version: 1 Effective Date: 3rd October 1995 Issued Date: 3rd October 1995 Revocation Date: 25th May 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Thames Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A18NE (N)	954	2	472000 174050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	Discharge Consents Operator: Reading Borough Council Property Type: SALE OF MOTOR VEHICLES/MAINTENANCE + REPAIR Location: Hills Meadow Car Park, Reading, Berks. Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CTWC.0994 Permit Version: 1 Effective Date: 15th July 1986 Issued Date: 15th July 1986 Revocation Date: 1st October 2007 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Thames Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A18NE (N)	956	2	471870 174080
17	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Reading, Blakes Lockreadingblakes Lock Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.1768 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Holly Brook Status: Temporary Consents (Water Act 1989, Section 113) Positional Accuracy: Located by supplier to within 100m	A14NE (E)	998	2	472700 173400
17	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Reading, Blakes Lockreadingblakes Lock Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.1768 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Holly Brook Status: Temporary Consents (Water Act 1989, Section 113) Positional Accuracy: Located by supplier to within 100m	A14NE (E)	998	2	472700 173400
17	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Reading, Blakes Lockreadingblakes Lock Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.1768 Permit Version: 1 Effective Date: 2nd November 1989 Issued Date: 2nd November 1989 Revocation Date: 2nd September 2010 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Holly Brook Status: Temporary Consents (Water Act 1989, Section 113) Positional Accuracy: Located by supplier to within 100m	A14NE (E)	998	2	472700 173400
18	Prosecutions Relating to Controlled Waters Location: Holy Brook, Broad Street, READING, RG1 Prosecution Text: Allowing diesel to enter a water drainage system Prosecution Act: Wra91 S85(1) Hearing Date: 4th May 2006 Verdict: Guilty Fine: 12000 Cost: 2032 Positional Accuracy: Manually positioned within the geographical locality	A13NW (NW)	301	2	471514 173350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Prosecutions Relating to Controlled Waters Location: Pumping Station, Nugent House, Vastern Road, READING, Berkshire, RG1 8DB Prosecution Text: Environment Action Issue 2 (June / July 1996), Polluting three miles of the River Brent with oil due to a switch failure at the pumping station. Prosecution Act: WRA91 Hearing Date: Not Supplied Verdict: Guilty Fine: 15000 Cost: 460 Positional Accuracy: Manually positioned to the address or location	A18NE (N)	869	2	471714 174003
20	Local Authority Pollution Prevention and Controls Name: RBC Location: 21 South Street, READING, Berkshire, RG1 4QU Authority: Reading Borough Council, Environmental Health Department Permit Reference: EPA/PAR.B/01/91/1 Dated: 14th October 1992 Process Type: Local Authority Air Pollution Control Description: PG5/2 Crematoria Status: Authorised Positional Accuracy: Manually positioned to the address or location	A13NE (E)	184	3	471930 173105
21	Local Authority Pollution Prevention and Controls Name: Sketchley Dry Cleaners Location: 41 Market Place, Reading, Rg1 2de Authority: Reading Borough Council, Environmental Health Department Permit Reference: EPA/PAR.B/DC16/P1 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/46 Dry cleaning Status: Application Not Yet Authorised Positional Accuracy: Manually positioned to the address or location	A18SW (N)	324	3	471662 173451
22	Local Authority Pollution Prevention and Controls Name: Murco Petroleum Ltd Location: 69 London Road, READING, Berkshire, RG1 5BW Authority: Reading Borough Council, Environmental Health Department Permit Reference: EPA/PAR.B/26/98/P1 Dated: 18th May 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Automatically positioned to the address	A14SW (E)	578	3	472319 173024
23	Local Authority Pollution Prevention and Controls Name: Save Service Station (Reading) Location: Berkeley Avenue, Reading, Berkshire, RG1 6JE Authority: Reading Borough Council, Environmental Health Department Permit Reference: EPA/PAR.B/46/98 Dated: 24th August 1999 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	731	3	471113 172570
24	Local Authority Pollution Prevention and Controls Name: Hobbs Of Reading Location: 102 Oxford Road, Reading, Rg1 7ll Authority: Reading Borough Council, Environmental Health Department Permit Reference: EPA/PAR.B/DC9/P1 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/46 Dry cleaning Status: Application Not Yet Authorised Positional Accuracy: Manually positioned to the address or location	A12NW (W)	778	3	470944 173401
25	Local Authority Pollution Prevention and Controls Name: Berkeley Service Station Location: 10 Berkley Avenue, READING, Berkshire, RG1 6JT Authority: Reading Borough Council, Environmental Health Department Permit Reference: EPA/PAR.B/34/98/P2 Dated: 1st September 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	810	3	470970 172632

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	Local Authority Pollution Prevention and Controls Name: Tydex Dry Cleaners Location: 61 Whitley Street, Reading, Rg2 0eg Authority: Reading Borough Council, Environmental Health Department Permit Reference: EPA/PAR.B/DC14/P1 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/46 Dry cleaning Status: Authorisation certificate surrendered by operator Positional Accuracy: Manually positioned to the address or location	A8SE (S)	838	3	472026 172280
27	Local Authority Pollution Prevention and Controls Name: Autodex Ltd Location: Unit 2 Elgar Estate, Preson Road, READING, Berkshire, RG2 0BE Authority: Reading Borough Council, Environmental Health Department Permit Reference: EPA/PAR.B/14/93/P1 Dated: 8th March 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Application Refused Or Cancelled Positional Accuracy: Manually positioned to the address or location	A8SW (S)	845	3	471686 172198
28	Local Authority Pollution Prevention and Controls Name: Kings Road Garage Location: 191 Kings Road, Reading, Berkshire, RG1 4EX Authority: Reading Borough Council, Environmental Health Department Permit Reference: Epa/Par.B/45/98 Dated: 24th August 1999 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A14NE (E)	877	3	472594 173330
29	Local Authority Pollution Prevention and Controls Name: D W Archer Location: 17-19 Rose Kiln Lane, READING, Berkshire, RG2 0JW Authority: Reading Borough Council, Environmental Health Department Permit Reference: Epa/Par.B/23/95 Dated: 31st July 1996 Process Type: Local Authority Air Pollution Control Description: PG6/2 Manufacture of timber and wood-based products Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A7SE (S)	893	3	471356 172208
30	Local Authority Pollution Prevention and Controls Name: Britten Autos Location: Unit 15-17 Robert Cort Industrial Estate, Britten Road, Reading, RG2 0AU Authority: Reading Borough Council, Environmental Health Department Permit Reference: EP/PAR.B/WO3/P2 Dated: 1st December 2011 Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Permitted Positional Accuracy: Manually positioned to the address or location	A3NW (S)	971	3	471654 172072
31	Local Authority Pollution Prevention and Controls Name: Tilehurst Connect Service Station Location: Tilehurst Road, READING, Berkshire, RG1 Authority: Reading Borough Council, Environmental Health Department Permit Reference: EPA/PAR.B/32/98/P2 Dated: 24th August 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Automatically positioned to the address	A11SE (W)	989	3	470664 173011
	Nearest Surface Water Feature	A13NW (NW)	93	-	471581 173139
32	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 8th November 1993 Incident Reference: WE930375 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (W)	57	2	471600 173100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 16th October 1992 Incident Reference: WE920594 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (W)	133	2	471520 173100
33	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 30th November 1993 Incident Reference: WE930397 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (W)	153	2	471500 173100
33	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Duke Street, READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 17th December 1991 Incident Reference: WE910690 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (W)	180	2	471480 173130
34	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 23rd November 1994 Incident Reference: WE940411 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	155	2	471550 173195
34	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 4th November 1994 Incident Reference: WE940380 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	159	2	471550 173200
34	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 22nd July 1997 Incident Reference: THWE1997029089 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	195	2	471500 173200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 8th December 1994 Incident Reference: WE940420 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (N)	167	2	471750 173300
35	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 20th February 1989 Incident Reference: WE890083 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (N)	168	2	471700 173300
36	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Storm Sewage Note: Not Supplied Incident Date: 17th January 1997 Incident Reference: THWE1997031344 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	175	2	471800 173295
36	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 2nd October 1992 Incident Reference: WE920562 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	179	2	471800 173300
37	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 16th December 1993 Incident Reference: WE930413 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	208	2	471600 173300
38	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: General Note: Not Supplied Incident Date: 16th July 1998 Incident Reference: THWE1998039887 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	230	2	471500 173250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 2nd December 1994 Incident Reference: WE940424 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (W)	252	2	471400 173100
40	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Storm Sewage Note: Confirmed incident Incident Date: 16th April 1999 Incident Reference: THWE1999042637 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A13SW (W)	261	2	471400 173000
41	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: General Note: Not Supplied Incident Date: 21st January 1998 Incident Reference: 37294 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (N)	262	2	471705 173395
41	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 3rd May 1994 Incident Reference: WE940144 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (N)	263	2	471700 173395
41	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Duke Street, READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Urban Runoff Note: Confirmed As A Pollution Incident Incident Date: 15th February 1989 Incident Reference: WE890092 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (N)	268	2	471700 173400
42	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 19th May 1994 Incident Reference: WE940164 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (N)	269	2	471800 173395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 2nd April 1991 Incident Reference: WE910175 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (N)	274	2	471800 173400
43	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 22nd November 1991 Incident Reference: WE910648 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (W)	280	2	471400 173200
44	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 9th April 1998 Incident Reference: 38265 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	310	2	471900 173395
44	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 9th September 1991 Incident Reference: WE910493 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	314	2	471900 173400
45	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 10th July 1995 Incident Reference: WE950271 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	312	2	472000 173295
45	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Chemicals - Unknown Note: Confirmed As A Pollution Incident Incident Date: 6th April 1995 Incident Reference: WE950146 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	315	2	472000 173300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 11th April 1995 Incident Reference: WE950138 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	367	2	471800 173495
46	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 4th September 1990 Incident Reference: WE900553 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	372	2	471800 173500
47	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 28th November 1991 Incident Reference: WE910657 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	374	2	472000 173395
47	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 29th October 1993 Incident Reference: WE930368 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	378	2	472005 173395
47	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 5th September 1991 Incident Reference: WE910504 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	378	2	472000 173400
47	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Other Note: Not Supplied Incident Date: 16th August 1996 Incident Reference: WE960300 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	381	2	472005 173400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Other Note: Not Supplied Incident Date: Not Supplied Incident Reference: WE960163 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	381	2	472000 173405
47	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Other Note: Not Supplied Incident Date: 21st August 1996 Incident Reference: WE960309 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	385	2	472005 173405
48	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Kennetside Authority: Environment Agency, Thames Region Pollutant: General Note: Not Supplied Incident Date: 16th April 1998 Incident Reference: 38419 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	402	2	472100 173300
49	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 4th August 1995 Incident Reference: WE950314 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (NE)	403	2	471900 173500
50	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Chemicals - Unknown Note: Confirmed As A Pollution Incident Incident Date: 10th November 1990 Incident Reference: WE900632 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	438	2	471400 172700
51	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 19th March 1996 Incident Reference: WE960076 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	447	2	472150 173300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 11th November 1994 Incident Reference: WE940387 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (E)	491	2	472200 173295
51	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 23rd January 1989 Incident Reference: WE890031 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	493	2	472200 173300
51	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 2nd February 1995 Incident Reference: WE950040 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (E)	496	2	472205 173295
51	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: General Note: Not Supplied Incident Date: 18th August 1998 Incident Reference: THWE1998040101 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	498	2	472205 173300
51	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 10th August 1994 Incident Reference: WE940294 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	514	2	472200 173350
52	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 18th August 1992 Incident Reference: WE920495 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	451	2	472100 173395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Not Supplied Incident Date: 6th August 1991 Incident Reference: WE910446 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	454	2	472100 173400
52	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 9th November 1993 Incident Reference: WE930352 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	455	2	472105 173395
53	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 10th January 1989 Incident Reference: WE890007 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (W)	482	2	471200 172900
53	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 23rd September 1994 Incident Reference: WE940336 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (W)	484	2	471200 172895
53	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 8th August 1995 Incident Reference: WE950327 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (SW)	502	2	471200 172850
54	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 29th June 1997 Incident Reference: THWE1997029441 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (W)	486	2	471170 173000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 1st September 1995 Incident Reference: WE950350 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (SW)	504	2	471200 172845
55	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 23rd December 1994 Incident Reference: WE940436 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (SW)	526	2	471200 172800
55	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 16th October 1995 Incident Reference: WE950400 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (SW)	529	2	471200 172795
56	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 13th January 1998 Incident Reference: 37310 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	519	2	472100 173500
57	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 12th October 1996 Incident Reference: WE960354 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	524	2	472150 173450
58	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 6th October 1996 Incident Reference: WE960350 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	535	2	472200 173395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Kennet Side, READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 15th July 1996 Incident Reference: WE960305 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	538	2	472200 173400
59	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: General Note: Not Supplied Incident Date: 29th December 1996 Incident Reference: THWE1996026442 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Unknown	A14NW (E)	558	2	472270 173300
60	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 11th September 1995 Incident Reference: WE950365 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	578	2	471300 172600
60	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Other Note: Not Supplied Incident Date: 6th March 1996 Incident Reference: WE960052 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	582	2	471300 172595
61	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 30th June 1994 Incident Reference: WE940228 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	591	2	471440 172500
61	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 4th May 1995 Incident Reference: WE950187 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	607	2	471400 172500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 16th February 1995 Incident Reference: WE950058 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	624	2	472300 173395
62	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 6th September 1994 Incident Reference: WE940321 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	626	2	472300 173400
63	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Chemicals - Unknown Note: Not Supplied Incident Date: 9th June 1997 Incident Reference: THWE1997029353 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	649	2	471005 173005
63	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Tilehurst, READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 30th March 1996 Incident Reference: WE960084 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	650	2	471005 173000
63	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Other Note: Not Supplied Incident Date: 30th October 1996 Incident Reference: WE960375 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	651	2	471005 172995
63	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Chemicals - Unknown Note: Confirmed incident Incident Date: 4th April 1999 Incident Reference: THWE1999042768 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A12SW (W)	654	2	471000 173005

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 29th June 1993 Incident Reference: WE930212 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	655	2	471000 173000
63	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Urban Runoff Note: Confirmed As A Pollution Incident Incident Date: 26th September 1995 Incident Reference: WE950387 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	656	2	471000 172995
64	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 5th August 1996 Incident Reference: WE960275 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	666	2	471500 172400
65	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 14th January 1995 Incident Reference: WE950014 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	676	2	472300 173500
66	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 3rd March 1992 Incident Reference: WE920135 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	713	2	472350 173490
67	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 29th April 1993 Incident Reference: WE930142 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (NW)	741	2	471400 173800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
68	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 20th April 1992 Incident Reference: WE920233 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	747	2	471300 172395
69	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 27th April 1994 Incident Reference: WE940136 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	761	2	472400 173500
70	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 8th October 1992 Incident Reference: WE920575 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	761	2	471705 173895
70	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 5th December 1991 Incident Reference: WE910674 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	761	2	471700 173895
70	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 20th November 1992 Incident Reference: WE920624 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	766	2	471705 173900
70	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 8th January 1991 Incident Reference: WE910016 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	766	2	471700 173900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 11th February 1993 Incident Reference: WE930048 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	771	2	471700 173905
70	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 20th January 1993 Incident Reference: WE930028 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	771	2	471705 173905
70	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 18th May 1993 Incident Reference: WE930157 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	772	2	471695 173905
71	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 12th May 1991 Incident Reference: WE910249 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	764	2	471350 172350
72	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 6th August 1994 Incident Reference: WE940287 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	831	2	471300 172300
73	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 21st October 1993 Incident Reference: WE930358 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	847	2	472500 173495

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 28th July 1992 Incident Reference: WE920445 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	850	2	472500 173500
74	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 16th December 1993 Incident Reference: WE930414 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	852	2	472505 173495
74	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 9th April 1993 Incident Reference: WE930119 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	892	2	472550 173495
74	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Blakes Lane, READING Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 6th March 1992 Incident Reference: WE920140 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	895	2	472550 173500
74	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Chemicals - Unknown Note: Not Supplied Incident Date: 27th June 1997 Incident Reference: THWE1997029446 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Unknown	A19SE (NE)	913	2	472570 173500
75	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 23rd August 1994 Incident Reference: WE940305 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	853	2	471450 172220

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
76	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 6th June 1995 Incident Reference: WE950216 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	861	2	471705 173995
76	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Reading Bridge Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 8th March 1991 Incident Reference: WE910133 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	861	2	471700 173995
76	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 30th May 1996 Incident Reference: WE960182 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	866	2	471705 174000
76	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Reading Bridge Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 22nd August 1990 Incident Reference: WE900521 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	866	2	471700 174000
76	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 17th June 1997 Incident Reference: THWE1997029393 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	871	2	471700 174005
76	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 14th August 1996 Incident Reference: WE960288 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	871	2	471705 174005

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
77	Pollution Incidents to Controlled Waters Property Type: Not Given Location: CAVERSHAM Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 23rd December 1998 Incident Reference: THWE1999041493 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	863	2	471800 173995
77	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: General Note: Not Supplied Incident Date: 10th March 1997 Incident Reference: THWE1997031447 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	868	2	471800 174000
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 4th February 1994 Incident Reference: WE940039 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	895	2	471995 173990
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 8th March 1994 Incident Reference: WE940071 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	897	2	472000 173990
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 27th April 1994 Incident Reference: WE940107 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	898	2	472005 173990
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 14th September 1994 Incident Reference: WE940329 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	900	2	472010 173990

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 10th January 1994 Incident Reference: WE940026 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	900	2	471995 173995
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 26th March 1991 Incident Reference: WE910166 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	902	2	472000 173995
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 15th July 1993 Incident Reference: WE930241 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	903	2	472005 173995
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 16th June 1995 Incident Reference: WE950232 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	905	2	472010 173995
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 22nd November 1993 Incident Reference: WE930388 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	905	2	471995 174000
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 15th March 1989 Incident Reference: WE890150 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	906	2	472000 174000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed incident Incident Date: 2nd June 1999 Incident Reference: THWE1999043198 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A18NE (N)	908	2	471990 174005
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 10th August 1993 Incident Reference: WE930284 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	908	2	472005 174000
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 20th June 1995 Incident Reference: WE950239 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	909	2	472010 174000
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 15th October 1993 Incident Reference: WE930353 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	910	2	471995 174005
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 5th October 1993 Incident Reference: WE930336 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	911	2	472000 174005
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: CAVERSHAM Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed incident Incident Date: 1st February 1999 Incident Reference: THWE1999041833 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A18NE (N)	913	2	471990 174010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 27th September 1993 Incident Reference: WE930322 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	913	2	472005 174005
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 8th July 1996 Incident Reference: WE960230 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	914	2	471995 174010
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 24th August 1995 Incident Reference: WE950348 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	914	2	472010 174005
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Other Note: Not Supplied Incident Date: 25th September 1996 Incident Reference: WE960333 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	916	2	472000 174010
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Other Note: Not Supplied Incident Date: 5th March 1996 Incident Reference: WE960051 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	917	2	472005 174010
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 4th October 1995 Incident Reference: WE950395 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	919	2	472010 174010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Nra Depot Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 10th April 1990 Incident Reference: WE900281 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	916	2	471750 174050
80	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 16th November 1993 Incident Reference: WE930337 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SW (SW)	929	2	471000 172400
81	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Coley Park, READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Not Supplied Incident Date: 1st February 1989 Incident Reference: WE890106 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	937	2	471100 172300
82	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 25th July 1995 Incident Reference: WE950295 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	959	2	471380 172130
83	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Natural Note: Confirmed As A Pollution Incident Incident Date: 28th June 1994 Incident Reference: WE940215 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	961	2	471705 174095
83	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Reading Bridge Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 3rd November 1993 Incident Reference: WE930370 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	961	2	471700 174095

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 8th June 1992 Incident Reference: WE920344 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	966	2	471700 174100
84	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 10th November 1994 Incident Reference: WE940393 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	963	2	471805 174095
84	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 24th June 1993 Incident Reference: WE930207 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	963	2	471800 174095
84	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 30th January 1990 Incident Reference: WE900077 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	968	2	471800 174100
84	Pollution Incidents to Controlled Waters Property Type: Not Given Location: De Bohun Road, READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: Not Supplied Incident Reference: WE960168 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	968	2	471805 174100
84	Pollution Incidents to Controlled Waters Property Type: Not Given Location: CAVERSHAM Authority: Environment Agency, Thames Region Pollutant: General Note: Not Supplied Incident Date: 3rd October 1998 Incident Reference: THWE1998040884 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A23SE (N)	973	2	471800 174105

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 21st March 1996 Incident Reference: WE960098 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A23SE (N)	973	2	471805 174105
85	Pollution Incidents to Controlled Waters Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 17th September 1991 Incident Reference: WE910516 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	980	2	471900 174100
86	Pollution Incidents to Controlled Waters Property Type: Not Given Location: CAVERSHAM Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 1st July 1995 Incident Reference: WE950288 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	997	2	472000 174095
86	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Caversham Lock, READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 22nd September 1995 Incident Reference: WE950378 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	999	2	472005 174095
87	Registered Radioactive Substances Name: Wyeth Research (uk) Ltd Location: Building L33, University Of Reading, London Road, READING, Berkshire, RG1 5AQ Authority: Environment Agency, Thames Region Permit Reference: AK1304 Dated: 1st December 1993 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Unknown	A14SW (E)	590	2	472300 172900
87	Registered Radioactive Substances Name: University Of Reading Location: London Road, READING, Berkshire, RG1 5AQ Authority: Environment Agency, Thames Region Permit Reference: AD6897 Dated: 31st March 1991 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Unknown	A14SW (E)	593	2	472305 172905

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
88	Registered Radioactive Substances Name: Royal Berkshire Nhs Foundation Trust Location: Royal Berkshire Hospital, London Road, Reading, Rg1 5an Authority: Environment Agency, Thames Region Permit Reference: BZ9642 Dated: 11th August 2014 Process Type: Not Supplied Description: Not Supplied Status: Replaced Positional Accuracy: Automatically positioned to the address	A14SE (E)	680	2	472411 172962
88	Registered Radioactive Substances Name: Royal Berkshire Nhs Foundation Trust Location: Royal Berkshire Hospital, London Road, Reading, Rg1 5an Authority: Environment Agency, Thames Region Permit Reference: BZ9669 Dated: 11th August 2014 Process Type: Not Supplied Description: Not Supplied Status: Replaced Positional Accuracy: Automatically positioned to the address	A14SE (E)	680	2	472411 172962
88	Registered Radioactive Substances Name: Royal Berkshire Nhs Foundation Trust Location: Royal Berkshire Hospital, London Road, Reading, Rg1 5an Authority: Environment Agency, Head Office Permit Reference: TB3030DS Dated: Not Supplied Process Type: Not Supplied Description: Not Supplied Status: Application has been determined by the EA Positional Accuracy: Automatically positioned to the address	A14SE (E)	680	2	472411 172962
88	Registered Radioactive Substances Name: Royal Berkshire And Battle Hospitals NHS Trust Location: Medical Physics Department, Royal Berkshire Hospital, London Road, READING, Berkshire, RG1 5AN Authority: Environment Agency, Thames Region Permit Reference: AJ2089 Dated: 31st March 1991 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A14SE (E)	700	2	472425 172935
89	Registered Radioactive Substances Name: Royal Berkshire Nhs Foundation Trust Location: London Road, Reading, Berkshire, RG1 5AN Authority: Environment Agency, Thames Region Permit Reference: By1654 Dated: 12th October 2004 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Minor variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A14SE (E)	719	2	472458 173005
89	Registered Radioactive Substances Name: Royal Berkshire Nhs Foundation Trust Location: London Road, Reading, Berkshire, RG1 5AN Authority: Environment Agency, Thames Region Permit Reference: By1638 Dated: 12th October 2004 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A14SE (E)	719	2	472458 173005
89	Registered Radioactive Substances Name: Royal Berkshire Nhs Foundation Trust Location: London Road, Reading, Berkshire, RG1 5AN Authority: Environment Agency, Thames Region Permit Reference: Bw3605 Dated: 1st December 2003 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A14SE (E)	719	2	472458 173005

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	Registered Radioactive Substances Name: Royal Berkshire Nhs Foundation Trust Location: London Road, Reading, Berkshire, RG1 5AN Authority: Environment Agency, Thames Region Permit Reference: Bm7898 Dated: 16th May 2002 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A14SE (E)	719	2	472458 173005
89	Registered Radioactive Substances Name: Royal Berkshire Nhs Foundation Trust Location: Medical Physics Department, Royal Berkshire Hospital, London Road, Reading, Berkshire, RG1 5AN Authority: Environment Agency, Thames Region Permit Reference: BL5687 Dated: 24th October 2001 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A14SE (E)	719	2	472458 173005
89	Registered Radioactive Substances Name: Royal Berkshire Nhs Foundation Trust Location: London Road, Reading, Berkshire, RG1 5AN Authority: Environment Agency, Thames Region Permit Reference: AS4885 Dated: 24th August 1995 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A14SE (E)	719	2	472458 173005
89	Registered Radioactive Substances Name: Royal Berkshire Nhs Foundation Trust Location: London Road, Reading, Berkshire, RG1 5AN Authority: Environment Agency, Thames Region Permit Reference: AN2528 Dated: 17th August 1994 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A14SE (E)	719	2	472458 173005
89	Registered Radioactive Substances Name: Royal Berkshire Nhs Foundation Trust Location: Medical Physics Department, Royal Berkshire Hospital, London Road, READING, Berkshire, RG1 5AN Authority: Environment Agency, Thames Region Permit Reference: AB4362 Dated: 1st July 1992 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A14SE (E)	719	2	472458 173005
	River Quality Name: Kennet GQA Grade: River Quality B Reach: Holy Bk - Thames Estimated Distance (km): 1.3 Flow Rate: Flow less than 20 cumecs Flow Type: River Year: 2000	A13NW (W)	96	2	471565 173124
	River Quality Name: Holy Bk GQA Grade: River Quality B Reach: Kennet - Kennet Estimated Distance (km): 9.3 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A8NW (SW)	642	2	471417 172454

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Kennet GQA Grade: River Quality A Reach: Foudry Bk - Holy Bk Estimated Distance (km): 2.8 Flow Rate: Flow less than 20 cumecs Flow Type: River Year: 2000	A8NW (SW)	652	2	471405 172449
	River Quality Name: Thames GQA Grade: River Quality B Reach: Whitchurch Stw - Kennet Estimated Distance (km): 12.6 Flow Rate: Flow less than 40 cumecs Flow Type: River Year: 2000	A18NE (N)	928	2	471864 174052
90	River Quality Chemistry Sampling Points Name: Kennet Reach: Foudry Brook To Holy Brook Estimated Distance: 2.80 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied	A12SE (SW)	397	2	471351 172807

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
91	Substantiated Pollution Incident Register Authority: Environment Agency - Thames Region, South East Area Incident Date: 28th June 2005 Incident Reference: 324802 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Oils - Diesel (Including Agricultural)	A13NE (N)	285	2	471812 173408
92	Substantiated Pollution Incident Register Authority: Environment Agency - Thames Region, South East Area Incident Date: 22nd April 2006 Incident Reference: 392777 Water Impact: Category 1 - Major Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Pollutant Not Identified: Not Identified	A18NE (N)	900	2	471956 174006
93	Water Abstractions Operator: Oracle Shopping Centre Ltd Licence Number: 28/39/22/0594 Permit Version: 2 Location: St.Giles Stream At The Oracle Centre, Reading Authority: Environment Agency, Thames Region Abstraction: Amenity: Lake And Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: The Oracle Shopping Centre, Reading Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th March 2020 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	95	2	471590 173150
93	Water Abstractions Operator: Oracle Shopping Centre Ltd Licence Number: 28/39/22/0594 Permit Version: 1 Location: St.Giles Stream At The Oracle Centre, Reading Authority: Environment Agency, Thames Region Abstraction: Amenity: Lake And Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: The Oracle Shopping Centre, Reading Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th February 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	95	2	471590 173150
94	Water Abstractions Operator: Primark Stores Limited Licence Number: 28/39/23/0042 Permit Version: 101 Location: Cheapside, Reading, Berkshire Authority: Environment Agency, Thames Region Abstraction: Retail: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 41 Yearly Rate (m3): 14933 Details: Cheapside, Reading Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	619	2	471200 173500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
95	Water Abstractions Operator: Royal Berkshire Hospital Licence Number: 28/39/22/0521 Permit Version: 100 Location: Royal Berkshire Hospital Authority: Environment Agency, Thames Region Abstraction: Hospitals: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 350 Yearly Rate (m3): 127750 Details: Royal Berkshire Hospital, Reading Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th January 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14SE (E)	720	2	472400 172800
96	Water Abstractions Operator: Birse Construction Ltd Licence Number: 28/39/22/0552 Permit Version: Not Supplied Location: Coley, READING Authority: Environment Agency, Thames Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: River Daily Rate (m3): 3 Yearly Rate (m3): 318 Details: Status: Revoked; Lapsed Or Cancelled Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	743	2	471300 172400
	Water Abstractions Operator: M J Gleeson Group Plc Licence Number: 28/39/22/0600 Permit Version: 1 Location: Former Gasworks, Kenavon Drive, Reading (5 Boreholes) Authority: Environment Agency, Thames Region Abstraction: Environmental: Pump & Treat: Pollution Remediation Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Former Gasworks, Kenavon Drive Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st July 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	1073	2	472700 173600
	Water Abstractions Operator: Reading Hydro Cbs Limited Licence Number: Th/039/0023/022 Permit Version: 4 Location: River Thames At Caversham Weir Authority: Environment Agency, Thames Region Abstraction: Other Environmental Improvements: Transfer between sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 16th September 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SW (N)	1104	2	472072 174185

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: The Reading Sustainability Centre Cic Licence Number: Th/039/0023/022 Permit Version: 3 Location: River Thames At Caversham Weir Authority: Environment Agency, Thames Region Abstraction: Other Environmental Improvements: Transfer between sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 19th February 2020 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SW (N)	1104	2	472072 174185
	Water Abstractions Operator: The Reading Sustainability Centre Cic Licence Number: Th/039/0023/022 Permit Version: 2 Location: River Thames At Caversham Weir Authority: Environment Agency, Thames Region Abstraction: Other Environmental Improvements: Transfer between sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 19th February 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SW (N)	1104	2	472072 174185
	Water Abstractions Operator: The Reading Sustainability Centre Cic Licence Number: Th/039/0023/022 Permit Version: 1 Location: River Thames At Caversham Weir Authority: Environment Agency, Thames Region Abstraction: Other Environmental Improvements: Transfer between sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 19th February 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SW (N)	1104	2	472072 174185
	Water Abstractions Operator: Manrose Manufacturing Ltd Licence Number: 28/39/23/0167 Permit Version: 101 Location: Meadow Road, Reading, Berkshire Authority: Environment Agency, Thames Region Abstraction: Commercial/Industrial/Public Services: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Meadow Road Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 30th June 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	1269	2	470900 174100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Manrose Manufacturing Ltd Licence Number: 28/39/23/0167 Permit Version: 101 Location: Meadow Road, Reading, Berkshire Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Meadow Road Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 30th June 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	1269	2	470900 174100
	Water Abstractions Operator: Manrose Manufacturing Ltd Licence Number: 28/39/23/0167 Permit Version: 100 Location: Meadow Road, Reading, Berkshire Authority: Environment Agency, Thames Region Abstraction: Commercial/Industrial/Public Services: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 364 Yearly Rate (m3): 4546 Details: Meadow Road Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th February 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	1269	2	470900 174100
	Water Abstractions Operator: Manrose Manufacturing Ltd Licence Number: 28/39/23/0167 Permit Version: 100 Location: Meadow Road, Reading, Berkshire Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Meadow Road Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th February 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NW (NW)	1269	2	470900 174100
	Water Abstractions Operator: Cox & Wyman Ltd Licence Number: 28/39/23/0041 Permit Version: 100 Location: Cardiff Road, Reading, Berkshire Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 82 Yearly Rate (m3): 20366 Details: At Cardiff Road, Reading Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th July 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NW (NW)	1269	2	470900 174100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Cox & Wyman Ltd Licence Number: 28/39/23/0041 Permit Version: 100 Location: Cardiff Road, Reading, Berkshire Authority: Environment Agency, Thames Region Abstraction: Commercial Private Water Undertaking: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: At Cardiff Road Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th July 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NW (NW)	1269	2	470900 174100
	Water Abstractions Operator: Elis Uk Ltd Licence Number: 28/39/23/0020 Permit Version: 103 Location: 72 George Street, Caversham, - Borehole 'A' Authority: Environment Agency, Thames Region Abstraction: Industrial; Commercial And Public Services: Laundry Use Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: 72 George Street, Caversham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 8th February 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A23SE (N)	1277	2	471900 174400
	Water Abstractions Operator: Berendsen Uk Limited Licence Number: 28/39/23/0020 Permit Version: 102 Location: 72 George Street, Caversham, - Borehole 'A' Authority: Environment Agency, Thames Region Abstraction: Industrial; Commercial And Public Services: Laundry Use Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: 72 George Street, Caversham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th January 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A23SE (N)	1277	2	471900 174400
	Water Abstractions Operator: White Knight Laundry Services Ltd Licence Number: 28/39/23/0020 Permit Version: 101 Location: 72 George Street, Caversham, - Borehole 'A' Authority: Environment Agency, Thames Region Abstraction: Industrial; Commercial And Public Services: Laundry Use Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: 72 George Street, Caversham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 30th December 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A23SE (N)	1277	2	471900 174400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Reading & Cav/M Laundry Co Ltd Licence Number: 28/39/23/0020 Permit Version: 100 Location: 72 George Street, Caversham, - Borehole 'A' Authority: Environment Agency, Thames Region Abstraction: Industrial; Commercial And Public Services: Laundry Use Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 300 Yearly Rate (m3): 68190 Details: 72 George Street, Caversham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th May 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A23SE (N)	1277	2	471900 174400
	Water Abstractions Operator: Reading Borough Council Licence Number: 28/39/23/0199/Tr Permit Version: 1 Location: River Thames - Christchurch Meadows Authority: Environment Agency, Thames Region Abstraction: Environmental: Non-remedial River/Wetland Support: Transfer between sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Christchurch Meadows, Caversham Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 10th September 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23NW (N)	1347	2	471440 174450
	Water Abstractions Operator: Reading Borough Council Licence Number: 28/39/23/0196 Permit Version: 1 Location: Thames At Christchurch Meadow Authority: Environment Agency, Thames Region Abstraction: Environmental: Non-remedial River/Wetland Support: Lake & Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: At Christchurch Meadows Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23NW (N)	1347	2	471440 174450
	Water Abstractions Operator: Hillier Group Of Companies Licence Number: 28/39/23/0128 Permit Version: 100 Location: Cardiff Road, Reading Point B Authority: Environment Agency, Thames Region Abstraction: Metal: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Cardiff Road, Reading Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1399	2	470600 174000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: British Road Services Ltd Licence Number: 28/39/23/0024 Permit Version: Not Supplied Location: Cardiff Road, READING Authority: Environment Agency, Thames Region Abstraction: Vehicle Washing Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 14 Yearly Rate (m3): Not Supplied Details: River Gravel; Licence Status: Revoked; Lapsed Or Cancelled Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A21SE (NW)	1538	2	470600 174200
	Water Abstractions Operator: Network Rail Infrastructure Limited Licence Number: Th/039/0023/032 Permit Version: 1 Location: Berkshire Downs Chalk At Cow Lane, Reading, Berkshire Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Transfer Between Sources Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 28 January Authorised End: 30 June Permit Start Date: 28th January 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1594	2	470359 174009
	Water Abstractions Operator: Hillier Group Of Companies Licence Number: 28/39/23/0128 Permit Version: 100 Location: Cardiff Road, Reading Point A Authority: Environment Agency, Thames Region Abstraction: Metal: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 27 Yearly Rate (m3): 6682 Details: Cardiff Road, Reading Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NE (NW)	1617	2	470400 174100
	Water Abstractions Operator: Pelikaan (Construction) Limited Licence Number: Th/039/0023/037 Permit Version: 1 Location: Rivermead Leisure Complex, Reading Authority: Environment Agency, Thames Region Abstraction: Construction:Dewatering Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 22nd May 2023 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A22NW (NW)	1699	2	470727 174509

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Wyncote Developments Plc Licence Number: 28/39/22/0555 Permit Version: Not Supplied Location: Rose Kiln Lane, READING, Berkshire Authority: Environment Agency, Thames Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 864 Yearly Rate (m3): 315360 Details: Chalk (Undifferentiated) Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(S)	1863	2	471400 171200
	Water Abstractions Operator: University Of Reading Licence Number: 28/39/22/0077 Permit Version: 100 Location: Whiteknights Park, Reading Authority: Environment Agency, Thames Region Abstraction: Schools and Colleges: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1056 Yearly Rate (m3): 240000 Details: Whiteknight Park, Reading Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th April 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5SW (SE)	1879	2	473000 171700
	Water Abstractions Operator: University Of Reading Licence Number: 28/39/22/0077 Permit Version: 103 Location: Whiteknights Park - Reading - Borehole Authority: Environment Agency, Thames Region Abstraction: Schools And Colleges: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Whiteknights Park - Reading Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A5SW (SE)	1906	2	473040 171700
	Water Abstractions Operator: University Of Reading Licence Number: 28/39/22/0077 Permit Version: 102 Location: Whiteknights Park - Reading - Borehole Authority: Environment Agency, Thames Region Abstraction: Schools And Colleges: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Whiteknights Park - Reading Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 4th August 2004 Permit End Date: 31st March 2011 Positional Accuracy: Located by supplier to within 10m	A5SW (SE)	1906	2	473040 171700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: University Of Reading Licence Number: 28/39/23/0016 Permit Version: 100 Location: Reading University Research Site, Reading, - Well 'A' Authority: Environment Agency, Thames Region Abstraction: Schools and Colleges: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 23 Yearly Rate (m3): 1 Details: Reading University Research, Reading Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(NE)	1925	2	473500 173900
	Water Abstractions Operator: Mr D A Drayton Licence Number: 28/39/23/0070 Permit Version: 100 Location: Little John'S Farm, Reading (E) Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Little John'S Farm, Reading Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th January 1967 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21SW (NW)	1976	2	470100 174300
	Water Abstractions Operator: Wokingham Waterside Centre Ltd Licence Number: 28/39/23/0191 Permit Version: 3 Location: Borehole At Waterside Centre, Thames Valley Park Road Authority: Environment Agency, Thames Region Abstraction: Sports Grounds/Facilities: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Waterside Centre, Thames Valley Park Road Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NE)	1996	2	473560 173940
	Water Abstractions Operator: Wokingham Waterside Centre Ltd Licence Number: 28/39/23/0191 Permit Version: 2 Location: Borehole At Waterside Centre, Thames Valley Park Road Authority: Environment Agency, Thames Region Abstraction: Sports Grounds/Facilities: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Waterside Centre, Thames Valley Park Road Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NE)	1996	2	473560 173940

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Wokingham District Council Licence Number: 28/39/23/0191 Permit Version: 1 Location: Borehole At Waterside Centre, Thames Valley Park Road Authority: Environment Agency, Thames Region Abstraction: Sports Grounds/Facilities: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Waterside Centre, Thames Valley Park Road Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st December 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NE)	1996	2	473560 173940
	Groundwater Vulnerability Map Combined: Principle Bedrock Aquifer - High Vulnerability Classification: High Combined: High Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial: <90% Patchiness: 3-10m Superficial Thickness: Medium Superficial Recharge: Medium	A13NE (NW)	0	4	471699 173089
	Groundwater Vulnerability Map Combined: Secondary Superficial Aquifer - High Vulnerability Classification: High Combined: High Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial: <90% Patchiness: 3-10m Superficial Thickness: Medium Superficial Recharge: Medium	A13SE (SE)	0	4	471715 173074
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - High Possibility	A13NE (NW)	0	4	471699 173089
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13NE (NW)	0	4	471699 173089
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (SE)	0	4	471715 173074
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	87	2	471655 173191
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13NW (NW)	90	2	471637 173180
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13NW (NW)	90	2	471647 173187
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	A13NW (NW)	90	2	471647 173187

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	90	2	471647 173187
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	92	2	471587 173147
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13NW (NW)	112	2	471639 173211
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (N)	141	2	471739 173275
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	144	2	471507 173089
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (N)	160	2	471767 173291
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (N)	222	2	471699 173355
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	A13SW (SW)	224	2	471454 172965
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	226	2	471887 173299
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13SW (SW)	227	2	471451 172963
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	227	2	471451 172963
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	244	2	471511 173279
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	87	2	471647 173187
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (N)	141	2	471739 173275
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	144	2	471507 173089
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (N)	160	2	471767 173291

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (N)	222	2	471699 173355
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	244	2	471511 173279
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 152.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A13NW (W)	84	5	471579 173120
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 503.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Kennet Catchment Name: Avon Bristol Primacy: 1	A13NW (NW)	100	5	471646 173200
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 202.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Kennet Catchment Name: Avon Bristol Primacy: 1	A13NW (W)	102	5	471569 173137
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 152.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A13SW (W)	161	5	471501 173014
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 181.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A13NW (N)	222	5	471632 173339
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A13NW (N)	224	5	471694 173355
103	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 21.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Kennet Catchment Name: Avon Bristol Primacy: 2	A13SW (W)	235	5	471428 172997

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Kennet Catchment Name: Avon Bristol Primacy: 1	A13SW (W)	235	5	471428 172997
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 87.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A13NE (N)	237	5	471716 173370
106	OS Water Network Lines Watercourse Form: Lock or flight of locks Watercourse Length: 37.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Kennet Catchment Name: Avon Bristol Primacy: 2	A13SW (W)	244	5	471426 172976
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A13NW (NW)	250	5	471509 173283
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A13NW (NW)	250	5	471513 173286
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A13NW (NW)	250	5	471524 173294
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.3 Watercourse Level: Underground Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A13NW (NW)	251	5	471486 173266
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A13NW (NW)	254	5	471468 173253
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.2 Watercourse Level: Underground Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A13NW (NW)	255	5	471465 173251

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Kennet Catchment Name: Avon Bristol Primacy: 1	A13SW (W)	257	5	471411 172979
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 154.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A13SW (W)	257	5	471411 172979
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A13NW (NW)	260	5	471449 173240
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 153.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A13NW (NW)	263	5	471441 173234
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Gunter's Brook Catchment Name: Thames Primacy: 1	A13NE (NE)	273	5	471965 173276
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A13NE (N)	275	5	471797 173401
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.1 Watercourse Level: Underground Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A13NE (N)	276	5	471800 173402
120	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 29.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Kennet Catchment Name: Avon Bristol Primacy: 2	A13SW (SW)	277	5	471405 172945
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A13NE (N)	289	5	471819 173410

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 521.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Kennet Catchment Name: Avon Bristol Primacy: 1	A13SW (SW)	305	5	471381 172930
123	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 9.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Kennet and Avon Canal Catchment Name: Avon Bristol Primacy: 2	A13NE (NE)	323	5	471999 173316
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 134.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Kennet Catchment Name: Thames Primacy: 1	A13NE (NE)	323	5	471999 173316
125	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 485.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Kennet and Avon Canal Catchment Name: Avon Bristol Primacy: 1	A13NE (NE)	327	5	472007 173311
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A12NE (W)	330	5	471326 173133
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A12NE (W)	342	5	471311 173114
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A12NE (W)	347	5	471305 173106
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A12SE (W)	375	5	471276 173054
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.9 Watercourse Level: Underground Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A18SE (NE)	377	5	471928 173455

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A12SE (W)	379	5	471272 173054
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A12SE (W)	387	5	471266 173035
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 97.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A12SE (W)	389	5	471264 173028
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A18SE (NE)	391	5	471944 173463
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.2 Watercourse Level: Underground Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A18SE (NE)	394	5	471948 173463
136	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A18SE (NE)	405	5	471965 173466
137	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 234.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Kennet Catchment Name: Thames Primacy: 1	A18SE (NE)	418	5	472010 173446
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 74.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A12SE (W)	426	5	471248 172933
139	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 462.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A12SE (SW)	468	5	471233 172859

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
140	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Kennet Catchment Name: Thames Primacy: 2	A19SW (NE)	628	5	472235 173510
141	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 98.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Kennet Catchment Name: Thames Primacy: 1	A19SW (NE)	628	5	472235 173510
142	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 712.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Kennet Catchment Name: Avon Bristol Primacy: 1	A8NW (S)	652	5	471436 172436
143	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A8NW (S)	652	5	471436 172436
144	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A8NW (SW)	665	5	471418 172429
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A8NW (SW)	668	5	471412 172428
146	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A8NW (SW)	681	5	471389 172423
147	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 153.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Kennet Catchment Name: Thames Primacy: 1	A19SW (NE)	694	5	472322 173501
148	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A7NE (SW)	704	5	471357 172414

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A7NE (SW)	705	5	471355 172414
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A7NE (SW)	705	5	471355 172414
151	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A7NE (SW)	709	5	471337 172419
152	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A7SE (SW)	716	5	471333 172413
153	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A7SE (SW)	730	5	471323 172402
154	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 117.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A7SE (SW)	732	5	471321 172401
155	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 74.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Kennet and Avon Canal Catchment Name: Avon Bristol Primacy: 1	A19SE (NE)	799	5	472476 173432
156	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A19SE (NE)	799	5	472472 173441
157	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 78.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Kennet Catchment Name: Thames Primacy: 1	A19SE (NE)	805	5	472468 173463

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
158	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A7SE (SW)	840	5	471227 172331
159	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 961.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18NW (N)	841	5	471608 173967
160	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1045.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holy Brook Catchment Name: Thames Primacy: 1	A7SE (SW)	843	5	471224 172329
161	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 181.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Kennet and Avon Canal Catchment Name: Avon Bristol Primacy: 1	A19SE (NE)	873	5	472548 173452
162	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A19SE (NE)	873	5	472548 173452
163	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 305.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Kennet Catchment Name: Thames Primacy: 1	A19SE (NE)	882	5	472543 173485
164	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 247.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18NE (N)	892	5	471941 174002
165	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 198.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Thames Catchment Name: Thames Primacy: 2	A18NE (N)	903	5	471879 174026
166	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 277.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Thames Catchment Name: Thames Primacy: 1	A18NE (N)	928	5	471832 174056

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
167	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 104.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Thames Catchment Name: Thames Primacy: 1	A18NE (N)	929	5	471860 174054
168	OS Water Network Lines Watercourse Form: Lock or flight of locks Watercourse Length: 42.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Thames Catchment Name: Thames Primacy: 2	A19NW (N)	945	5	472040 174027
169	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Thames Catchment Name: Thames Primacy: 2	A19NW (N)	969	5	472081 174038
170	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 247.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Thames Catchment Name: Thames Primacy: 2	A18NE (N)	980	5	471955 174089
171	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 64.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Thames Catchment Name: Thames Primacy: 1	A18NE (N)	980	5	471955 174089
172	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 238.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Thames Catchment Name: Thames Primacy: 2	A18NE (N)	992	5	472020 174084
173	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 97.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Thames Catchment Name: Thames Primacy: 1	A18NE (N)	992	5	472020 174084

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
174	Historical Landfill Sites Licence Holder: Not Supplied Location: Reading, Berkshire Name: Waterloo Meadows Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD13289 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert and Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0345/0198 BGS Ref: Not Supplied Other Ref: TP0154, RDG8	A8SW (S)	963	2	471462 172104
175	Licensed Waste Management Facilities (Locations) Licence Number: 407079 Location: Mobilr Plant Operator Name: Mr Mark Rough Operator Location: Not Supplied Authority: Environment Agency - South East Region, West Thames Area Site Category: Mobile plant treatment for soil <75,000 tpd Licence Status: Issued Issued: 10th November 2020 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	622	2	471963 173712
176	Licensed Waste Management Facilities (Locations) Licence Number: 105216 Location: Clearwater Court, Vastern Road, Reading, Berkshire, RG1 8DB Operator Name: Thames Water Utilities Limited Operator Location: Not Supplied Authority: Environment Agency - South East Region, West Thames Area Site Category: Mobile Plant for landspreading sewage sludge Licence Status: Issued Issued: 7th September 2011 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Manually positioned to the address or location	A18NE (N)	863	2	471732 173997
	Local Authority Landfill Coverage Name: Reading Unitary Council - Has supplied landfill data		0	6	471699 173089
177	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1995	A8NW (S)	395	-	471583 172659
178	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1995	A8SW (S)	649	-	471636 172395
179	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1995	A7NE (SW)	735	-	471140 172535
180	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1995	A7NW (SW)	920	-	470941 172484
181	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1995	A8SE (S)	960	-	471781 172088
182	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A13NW (NW)	40	-	471663 173137

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
183	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A13NW (N)	44	-	471681 173155
184	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A13NW (W)	58	-	471609 173116
185	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A12SE (SW)	451	-	471315 172767
186	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1883	A12SE (SW)	501	-	471230 172800
187	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1883	A7NE (SW)	539	-	471234 172726
188	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1883	A7NE (SW)	602	-	471230 172634
189	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1883	A7NE (SW)	656	-	471302 172500
190	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A7NE (SW)	660	-	471305 172494
191	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1995	A18SW (NW)	672	-	471413 173729
192	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1913	A8NW (SW)	679	-	471403 172420
193	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1913	A8NW (SW)	688	-	471389 172416
194	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A8SE (S)	756	-	471906 172322
195	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A7SE (SW)	761	-	471350 172353
196	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1913	A7SE (SW)	829	-	471337 172285
197	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1931	A18NE (N)	858	-	471901 173975

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
198	Planning Hazardous Substance Consents Name: Royal Berkshire Nhs Foundation Trust Location: Royal Berkshire Hospital, London Road, Reading, Rg1 5an Authority: Reading Borough Council, Planning Application Ref: 11/01974/HAZARD Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 0 Application date: 21st December 2011 Decision: Withdrawn Positional Accuracy: Manually positioned to the address or location	A14SE (E)	813	6	472494 172784

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Lambeth Group	A13NE (NW)	0	1	471699 173089
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (NW)	0	1	471699 173089
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NW)	44	1	471665 173152
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NW)	233	1	471577 173323
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (SW)	355	1	471437 172777
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8NW (S)	428	1	471677 172615
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8NW (SW)	471	1	471455 172625

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12SE (W)	499	1	471154 173032
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A7NE (SW)	840	1	471053 172474
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A7NW (SW)	949	1	470932 172448
199	BGS Recorded Mineral Sites Site Name: Katesgrove Kilns Location: The Mount, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 36343 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeogene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8NW (S)	472	1	471540 172590
200	BGS Recorded Mineral Sites Site Name: Ivy Bridge Brick Field Location: The Mount, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 36342 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Head (Brickearth) Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8NE (S)	555	1	471778 172498
201	BGS Recorded Mineral Sites Site Name: Katesgrove Kilns Location: The Mount, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 234923 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Tertiary Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8NW (S)	561	1	471551 172495

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
202	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220909 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SE (W)	585	1	471076 172966
203	BGS Recorded Mineral Sites Site Name: Ivy Bridge Brick Field Location: The Mount, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 234922 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Head (Brickearth) Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8NW (S)	591	1	471686 172452
204	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220910 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SE (W)	593	1	471079 172914
204	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220911 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SE (W)	618	1	471067 172868
205	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220912 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SE (W)	626	1	471070 172838
205	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220914 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	641	1	471074 172792

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
206	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220906 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SW (W)	634	1	471023 172986
206	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220905 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SW (W)	653	1	471002 172996
206	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220924 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SW (W)	667	1	470991 172974
207	BGS Recorded Mineral Sites Site Name: Katesgrove Kilns Location: The Mount, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 234924 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Tertiary Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8NW (S)	638	1	471549 172417
208	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220913 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	640	1	471066 172810
208	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220921 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	676	1	471030 172804

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
208	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220902 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SW (W)	678	1	471021 172821
208	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220920 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	681	1	471033 172784
208	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220926 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SW (W)	693	1	471002 172827
208	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220922 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SW (SW)	697	1	471010 172798
209	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220907 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SW (W)	642	1	471021 172946
210	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220908 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SW (W)	663	1	471017 172877

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
211	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220915 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	674	1	471077 172717
211	BGS Recorded Mineral Sites Site Name: Coley Pottery Location: The Mount, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 36344 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeogene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	722	1	471044 172680
212	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220916 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	687	1	471053 172733
212	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220919 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SW (SW)	704	1	471018 172763
212	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220917 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	705	1	471031 172735
213	BGS Recorded Mineral Sites Site Name: Neuk & Bramley Chalk Mine Location: Coley, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220903 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SW (W)	692	1	470981 172898

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
213	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220925 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SW (W)	708	1	470968 172883
213	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220901 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SW (W)	709	1	470964 172898
214	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220303 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SW (W)	716	1	470978 172827
214	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220900 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SW (W)	744	1	470959 172798
214	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220899 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SW (W)	756	1	470946 172797
215	BGS Recorded Mineral Sites Site Name: Katesgrove Kilns Location: The Mount, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 234925 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Tertiary Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8SW (S)	720	1	471571 172330

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
216	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Coley, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220904 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12SW (W)	722	1	470938 172960
217	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220918 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	740	1	470992 172733
217	BGS Recorded Mineral Sites Site Name: Reading Chalk Mine Location: Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 220923 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Seaford Chalk Formation Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	743	1	470985 172742
217	BGS Recorded Mineral Sites Site Name: Coley Gravel Pit Location: Coley, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 234918 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Wolstonian Geology: Lynch Hill Gravel Member (River Thames Gravel) Commodity: Gravel Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	779	1	470957 172717
218	BGS Recorded Mineral Sites Site Name: Coley Gravel Pit Location: Coley, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 234917 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Wolstonian Geology: Lynch Hill Gravel Member (River Thames Gravel) Commodity: Gravel Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	807	1	470915 172741
219	BGS Recorded Mineral Sites Site Name: Katesgrove Kilns Location: The Mount, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 234926 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Tertiary Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8SW (S)	810	1	471532 172245

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
220	BGS Recorded Mineral Sites Site Name: Coley Kilns Location: Coley, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 234915 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Tertiary Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	852	1	471058 172452
221	BGS Recorded Mineral Sites Site Name: Waterloo Kilns Location: The Mount, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 234928 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Tertiary Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8SW (S)	914	1	471669 172129
222	BGS Recorded Mineral Sites Site Name: Coley Kilns Location: Coley, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 36340 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeogene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	915	1	471060 172362
222	BGS Recorded Mineral Sites Site Name: Coley Kilns Location: Coley, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 234916 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Tertiary Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	955	1	471046 172321
223	BGS Recorded Mineral Sites Site Name: Waterloo Kilns Location: Katesgrove, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 10409 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeogene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8SW (S)	941	1	471550 172110
224	BGS Recorded Mineral Sites Site Name: Avenue Works Location: Coley, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 234914 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Tertiary Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	996	1	470881 172436

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
225	BGS Recorded Mineral Sites Site Name: Coley Kilns Location: Coley, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 36341 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeogene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A7SW (SW)	997	1	470975 172330
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Mining Instability Mining Evidence: Conclusive Rock Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (NW)	0	-	471699 173089
	Man-Made Mining Cavities Easting: 471700 Northing: 172900 Distance: 145 Quadrant Reference: A13 Quadrant Reference: SE Bearing Ref: S Cavity Type: Subsidence-Over Possible Excavation/Shallow Bell Pit Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology: Taplow Gravel Detail:	A13SE (S)	145	7	471700 172900
	Man-Made Mining Cavities Easting: 471950 Northing: 172890 Distance: 293 Quadrant Reference: A13 Quadrant Reference: SE Bearing Ref: SE Cavity Type: Brick/Tile Kiln Discovered-Potential Chalk Mining Commodity: Chalk Solid Geology Detail: Chalk Group Superficial Geology: Taplow Gravel Detail:	A13SE (SE)	293	7	471950 172890
	Man-Made Mining Cavities Easting: 471790 Northing: 172750 Distance: 313 Quadrant Reference: A8 Quadrant Reference: NE Bearing Ref: S Cavity Type: Crown Hole Collapse Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology: No Details Detail:	A8NE (S)	313	7	471790 172750
	Man-Made Mining Cavities Easting: 471700 Northing: 172700 Distance: 344 Quadrant Reference: A8 Quadrant Reference: NE Bearing Ref: S Cavity Type: Chalkwell/Possible Shaft Entry Pillar and Stall Chalk Mine Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology: No Details Detail:	A8NE (S)	344	7	471700 172700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Man-Made Mining Cavities Easting: 471700 Northing: 172650 Distance: 394 Quadrant Reference: A8 Quadrant Reference: NE Bearing Ref: S Cavity Type: Historical Brick Works/Extensive Clay Excavations-Potential Chalk Mining Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology No Details Detail:	A8NE (S)	394	7	471700 172650
	Man-Made Mining Cavities Easting: 471900 Northing: 172700 Distance: 407 Quadrant Reference: A8 Quadrant Reference: NE Bearing Ref: SE Cavity Type: Historical Brick Kiln-Potential Chalk Mining Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology No Details Detail:	A8NE (SE)	407	7	471900 172700
	Man-Made Mining Cavities Easting: 471500 Northing: 172650 Distance: 429 Quadrant Reference: A8 Quadrant Reference: NW Bearing Ref: SW Cavity Type: Historical Brickworks-Multiple References to Chalk Mining Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Worked Ground Detail:	A8NW (SW)	429	7	471500 172650
	Man-Made Mining Cavities Easting: 472200 Northing: 173100 Distance: 454 Quadrant Reference: A14 Quadrant Reference: NW Bearing Ref: E Cavity Type: Historical Chalk/Lime Quarry-Potential Chalk Mining Commodity: Chalk Solid Geology Detail: Chalk Group Superficial Geology Taplow Gravel Detail:	A14NW (E)	454	7	472200 173100
	Man-Made Mining Cavities Easting: 471500 Northing: 172600 Distance: 475 Quadrant Reference: A8 Quadrant Reference: NW Bearing Ref: S Cavity Type: Shaft described-for Pillar and Stall Chalk Mine Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Worked Ground Detail:	A8NW (S)	475	7	471500 172600
	Man-Made Mining Cavities Easting: 471700 Northing: 172500 Distance: 543 Quadrant Reference: A8 Quadrant Reference: NE Bearing Ref: S Cavity Type: Historical Brick Works-Potential Chalk Mining Commodity: Chalk Solid Geology Detail: London Clay, Lambeth Group, Upper Chalk Formation Superficial Geology Boyn Hill Gravel Detail:	A8NE (S)	543	7	471700 172500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Man-Made Mining Cavities Easting: 471850 Northing: 172500 Distance: 569 Quadrant Reference: A8 Quadrant Reference: NE Bearing Ref: S Cavity Type: Historical Brick Kiln-References to Chalk Mining Commodity: Chalk Solid Geology Detail: London Clay, Lambeth Group, Upper Chalk Formation Superficial Geology No Details Detail:	A8NE (S)	569	7	471850 172500
	Man-Made Mining Cavities Easting: 471550 Northing: 172450 Distance: 606 Quadrant Reference: A8 Quadrant Reference: NW Bearing Ref: S Cavity Type: Shaft described-for Pillar and Stall Chalk Mine Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Worked Ground Detail:	A8NW (S)	606	7	471550 172450
	Man-Made Mining Cavities Easting: 471050 Northing: 172950 Distance: 613 Quadrant Reference: A12 Quadrant Reference: SE Bearing Ref: W Cavity Type: 6x Possible Mine Workings/Ground Anomalies Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology No Details Detail:	A12SE (W)	613	7	471050 172950
	Man-Made Mining Cavities Easting: 471050 Northing: 172900 Distance: 625 Quadrant Reference: A12 Quadrant Reference: SE Bearing Ref: W Cavity Type: Pillar and Stall Chalk Mine (Extent Unknown) Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology No Details Detail:	A12SE (W)	625	7	471050 172900
	Man-Made Mining Cavities Easting: 471000 Northing: 172950 Distance: 662 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: Multiple Small-Scale Shaft Entry Pillar and Stall Workings Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Lynch Hill Gravels Detail:	A12SW (W)	662	7	471000 172950
	Man-Made Mining Cavities Easting: 471100 Northing: 172700 Distance: 664 Quadrant Reference: A7 Quadrant Reference: NE Bearing Ref: SW Cavity Type: Historical Pottery Works-Potential Chalk Mining Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology No Details Detail:	A7NE (SW)	664	7	471100 172700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Man-Made Mining Cavities Easting: 471000 Northing: 172900 Distance: 673 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: Multiple Small-Scale Shaft Entry Pillar and Stall Workings Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Lynch Hill Gravels Detail:	A12SW (W)	673	7	471000 172900
	Man-Made Mining Cavities Easting: 470960 Northing: 173040 Distance: 692 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: Shaft Entry Mine Workings/Ground Anomalies Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology No Details Detail:	A12SW (W)	692	7	470960 173040
	Man-Made Mining Cavities Easting: 470950 Northing: 173050 Distance: 701 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: 5 Possible Mine Workings/Ground Anomalies Ground Anomalies Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology No Details Detail:	A12SW (W)	701	7	470950 173050
	Man-Made Mining Cavities Easting: 470950 Northing: 173040 Distance: 702 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: 3 Possible Mine Workings/Ground Anomalies Ground Anomalies Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology No Details Detail:	A12SW (W)	702	7	470950 173040
	Man-Made Mining Cavities Easting: 471000 Northing: 172800 Distance: 705 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: Adit and Shaft Entry Pillar and Stall Chalk Mine Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Lynch Hill Gravels Detail:	A12SW (W)	705	7	471000 172800
	Man-Made Mining Cavities Easting: 470940 Northing: 173050 Distance: 711 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: 3 Possible Mine Workings/Ground Anomalies Ground Anomalies Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology No Details Detail:	A12SW (W)	711	7	470940 173050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Man-Made Mining Cavities Easting: 471030 Northing: 172720 Distance: 713 Quadrant Reference: A7 Quadrant Reference: NE Bearing Ref: SW Cavity Type: Small Scale Chalk Mine Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology No Details Detail:	A7NE (SW)	713	7	471030 172720
	Man-Made Mining Cavities Easting: 470970 Northing: 172830 Distance: 722 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: CHALK MINE TUNNEL Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Lynch Hill Gravels Detail:	A12SW (W)	722	7	470970 172830
	Man-Made Mining Cavities Easting: 470930 Northing: 172950 Distance: 731 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: MINE GALLERY (EXTENT UNKNOWN) GROUND ANOMALIES Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Lynch Hill Gravels Detail:	A12SW (W)	731	7	470930 172950
	Man-Made Mining Cavities Easting: 470980 Northing: 172740 Distance: 748 Quadrant Reference: A7 Quadrant Reference: NW Bearing Ref: SW Cavity Type: Series Of Small Scale Chalk Mine Tunnels Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology No Details Detail:	A7NW (SW)	748	7	470980 172740
	Man-Made Mining Cavities Easting: 470950 Northing: 172800 Distance: 752 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: PROBABLE BELLPIT CHALK MINE Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Lynch Hill Gravels Detail:	A12SW (W)	752	7	470950 172800
	Man-Made Mining Cavities Easting: 471000 Northing: 172400 Distance: 929 Quadrant Reference: A7 Quadrant Reference: SW Bearing Ref: SW Cavity Type: Historical Brick & Tile Works/Extensive Clay Excavations-Possible References to Chalk Mining Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Worked Ground Detail:	A7SW (SW)	929	7	471000 172400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Easting: 471600 Northing: 172800 Distance: 254 Quadrant Reference: A13 Quadrant Reference: SW Bearing Ref: S Cavity Type: Unknown Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A13SW (S)	254	7	471600 172800
	Natural Cavities Easting: 471500 Northing: 173300 Distance: 269 Quadrant Reference: A13 Quadrant Reference: NW Bearing Ref: NW Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group Superficial Geology Taplow Gravel Detail:	A13NW (NW)	269	7	471500 173300
	Natural Cavities Easting: 471400 Northing: 173200 Distance: 280 Quadrant Reference: A13 Quadrant Reference: NW Bearing Ref: W Cavity Type: Solution Pipe x 2 Solid Geology Detail: Chalk Group Superficial Geology Taplow Gravel Detail:	A13NW (W)	280	7	471400 173200
	Natural Cavities Easting: 471550 Northing: 173400 Distance: 318 Quadrant Reference: A13 Quadrant Reference: NW Bearing Ref: NW Cavity Type: Solution Pipe x 5 Solid Geology Detail: Chalk Group Superficial Geology Taplow Gravel Detail:	A13NW (NW)	318	7	471550 173400
	Natural Cavities Easting: 471500 Northing: 173400 Distance: 348 Quadrant Reference: A13 Quadrant Reference: NW Bearing Ref: NW Cavity Type: Solution Pipe x 3 Solid Geology Detail: Chalk Group Superficial Geology Taplow Gravel Detail:	A13NW (NW)	348	7	471500 173400
	Natural Cavities Easting: 471150 Northing: 172850 Distance: 547 Quadrant Reference: A12 Quadrant Reference: SE Bearing Ref: SW Cavity Type: Solution Widened Joint or Fissure x 1 Solid Geology Detail: Chalk Group Superficial Geology No Details Detail:	A12SE (SW)	547	7	471150 172850
	Natural Cavities Easting: 471060 Northing: 173010 Distance: 594 Quadrant Reference: A12 Quadrant Reference: SE Bearing Ref: W Cavity Type: Solution Widened Joint or Fissure x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A12SE (W)	594	7	471060 173010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Easting: 471040 Northing: 173010 Distance: 614 Quadrant Reference: A12 Quadrant Reference: SE Bearing Ref: W Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A12SE (W)	614	7	471040 173010
	Natural Cavities Easting: 471140 Northing: 172730 Distance: 614 Quadrant Reference: A7 Quadrant Reference: NE Bearing Ref: SW Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A7NE (SW)	614	7	471140 172730
	Natural Cavities Easting: 471130 Northing: 172730 Distance: 622 Quadrant Reference: A7 Quadrant Reference: NE Bearing Ref: SW Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A7NE (SW)	622	7	471130 172730
	Natural Cavities Easting: 471100 Northing: 172760 Distance: 633 Quadrant Reference: A12 Quadrant Reference: SE Bearing Ref: SW Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A12SE (SW)	633	7	471100 172760
	Natural Cavities Easting: 471020 Northing: 173010 Distance: 634 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A12SW (W)	634	7	471020 173010
	Natural Cavities Easting: 471100 Northing: 173400 Distance: 639 Quadrant Reference: A12 Quadrant Reference: NE Bearing Ref: NW Cavity Type: Solution Pipe x 3 Solid Geology Detail: Chalk Group Superficial Geology Taplow Gravel Detail:	A12NE (NW)	639	7	471100 173400
	Natural Cavities Easting: 471010 Northing: 173010 Distance: 644 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: Solution Widened Joint or Fissure x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A12SW (W)	644	7	471010 173010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Easting: 471010 Northing: 173010 Distance: 644 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: Solution Widened Joint or Fissure x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A12SW (W)	644	7	471010 173010
	Natural Cavities Easting: 471010 Northing: 173200 Distance: 653 Quadrant Reference: A12 Quadrant Reference: NW Bearing Ref: W Cavity Type: Solution Widened Joint or Fissure x 3 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A12NW (W)	653	7	471010 173200
	Natural Cavities Easting: 471000 Northing: 173010 Distance: 654 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: Solution Widened Joint or Fissure x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A12SW (W)	654	7	471000 173010
	Natural Cavities Easting: 471000 Northing: 173010 Distance: 654 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: Solution Widened Joint or Fissure x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A12SW (W)	654	7	471000 173010
	Natural Cavities Easting: 471000 Northing: 173010 Distance: 654 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: Solution Widened Joint or Fissure x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A12SW (W)	654	7	471000 173010
	Natural Cavities Easting: 471030 Northing: 172850 Distance: 659 Quadrant Reference: A12 Quadrant Reference: SE Bearing Ref: W Cavity Type: Solution Pipe x 3 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A12SE (W)	659	7	471030 172850
	Natural Cavities Easting: 470990 Northing: 173040 Distance: 662 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A12SW (W)	662	7	470990 173040

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Easting: 470990 Northing: 173010 Distance: 664 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: Solution Widened Joint or Fissure x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A12SW (W)	664	7	470990 173010
	Natural Cavities Easting: 470980 Northing: 173060 Distance: 671 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A12SW (W)	671	7	470980 173060
	Natural Cavities Easting: 470990 Northing: 172940 Distance: 674 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A12SW (W)	674	7	470990 172940
	Natural Cavities Easting: 470970 Northing: 172990 Distance: 686 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A12SW (W)	686	7	470970 172990
	Natural Cavities Easting: 471000 Northing: 172840 Distance: 691 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A12SW (W)	691	7	471000 172840
	Natural Cavities Easting: 470950 Northing: 172980 Distance: 707 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: Solution Pipe x 2 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Lynch Hill Gravel Detail:	A12SW (W)	707	7	470950 172980
	Natural Cavities Easting: 471000 Northing: 172750 Distance: 726 Quadrant Reference: A7 Quadrant Reference: NW Bearing Ref: SW Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Lynch Hill Gravel Detail:	A7NW (SW)	726	7	471000 172750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Easting: 470990 Northing: 172770 Distance: 726 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: SW Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A12SW (SW)	726	7	470990 172770
	Natural Cavities Easting: 470920 Northing: 173050 Distance: 731 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A12SW (W)	731	7	470920 173050
	Natural Cavities Easting: 471040 Northing: 172670 Distance: 731 Quadrant Reference: A7 Quadrant Reference: NE Bearing Ref: SW Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A7NE (SW)	731	7	471040 172670
	Natural Cavities Easting: 471000 Northing: 172720 Distance: 739 Quadrant Reference: A7 Quadrant Reference: NW Bearing Ref: SW Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A7NW (SW)	739	7	471000 172720
	Natural Cavities Easting: 471040 Northing: 172650 Distance: 742 Quadrant Reference: A7 Quadrant Reference: NE Bearing Ref: SW Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group Superficial Geology No Details Detail:	A7NE (SW)	742	7	471040 172650
	Natural Cavities Easting: 471040 Northing: 172640 Distance: 747 Quadrant Reference: A7 Quadrant Reference: NE Bearing Ref: SW Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group Superficial Geology No Details Detail:	A7NE (SW)	747	7	471040 172640
	Natural Cavities Easting: 471030 Northing: 172630 Distance: 761 Quadrant Reference: A7 Quadrant Reference: NE Bearing Ref: SW Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A7NE (SW)	761	7	471030 172630

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Easting: 471020 Northing: 172640 Distance: 764 Quadrant Reference: A7 Quadrant Reference: NW Bearing Ref: SW Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	A7NW (SW)	764	7	471020 172640
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	74	1	471800 173050
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	77	1	471750 173000
	Non Coal Mining Areas of Great Britain Risk: Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	80	1	471750 172996
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	233	1	471577 173323
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	471699 173089
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	44	1	471665 173152
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	233	1	471577 173323
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	471699 173089
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	44	1	471665 173152
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	233	1	471577 173323
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	471691 173114
	Potential for Ground Dissolution Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	471715 173074
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	471699 173089
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	65	1	471729 172990
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	158	1	471716 172888
	Potential for Ground Dissolution Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	185	1	471550 173238
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	192	1	471482 173167
	Potential for Ground Dissolution Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	228	1	471955 173198

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	235	1	471577 173323
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	471699 173089
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	471715 173074
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	233	1	471577 173323
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	471699 173089
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	471715 173074
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	44	1	471665 173152
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	233	1	471577 173323
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	471699 173089
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	44	1	471665 173152
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	65	1	471729 172990
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	233	1	471577 173323
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	471699 173089
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	471699 173089

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
226	Contemporary Trade Directory Entries Name: B & T Business Machines Location: 50a, London Street, Reading, RG1 4SQ Classification: Office Equipment Servicing & Maintenance Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	27	-	471769 173123
226	Contemporary Trade Directory Entries Name: Garnay International Location: 54, London Street, Reading, Berkshire, RG1 4SQ Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (E)	27	-	471772 173114
226	Contemporary Trade Directory Entries Name: Intascope Ltd Location: 54, London Street, Reading, Berkshire, RG1 4SQ Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (E)	27	-	471772 173114
226	Contemporary Trade Directory Entries Name: Future Babies Location: 48, London Street, Reading, RG1 4SQ Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	31	-	471768 173133
227	Contemporary Trade Directory Entries Name: Bombardier Transportation Uk Ltd Location: 10, Church Street, Reading, RG1 2SD Classification: Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	34	-	471708 173021
228	Contemporary Trade Directory Entries Name: C & M Refrigeration & Catering Equipment Location: Reading Business Centre, 33, London Street, Reading, Berkshire, RG1 4PS Classification: Refrigeration Equipment - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	82	-	471807 173170
228	Contemporary Trade Directory Entries Name: Lidimus Location: Reading Business Centre, 33, London Street, Reading, RG1 4PS Classification: Toys, Games & Sporting Goods - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	82	-	471807 173170
229	Contemporary Trade Directory Entries Name: Printing.Com Location: 67 London Street, Reading, Berkshire, RG1 4QA Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	90	-	471826 173061
230	Contemporary Trade Directory Entries Name: Bombardier Transportation Location: Church St, Reading, Berkshire, RG1 2ST Classification: Railway Equipment Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SE (S)	102	-	471711 172946
231	Contemporary Trade Directory Entries Name: Minerva International Ltd Location: 86, London Street, Reading, RG1 4SQ Classification: Machine Tools - Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	105	-	471806 173012
232	Contemporary Trade Directory Entries Name: Spacecraft Location: Commercial House, 24-26, East Street, Reading, RG1 4QH Classification: Office Furniture & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	105	-	471851 173107
232	Contemporary Trade Directory Entries Name: The Cleaning Co Location: 11, South Street, Reading, RG1 4QP Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	127	-	471871 173086

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
232	Contemporary Trade Directory Entries Name: Clean (UK) Ltd Location: 11, South Street, Reading, RG1 4QP Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	127	-	471871 173086
232	Contemporary Trade Directory Entries Name: South Street Auto'S Location: 10, South Street, Reading, RG1 4QP Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A13SE (E)	144	-	471886 173073
233	Contemporary Trade Directory Entries Name: Alliance For Cohesion & Racial Equality A C R E Location: 1, St. Giles Court, Southampton Street, Reading, RG1 2QL Classification: Tapes - Industrial Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	147	-	471574 172933
234	Contemporary Trade Directory Entries Name: Presto Print Ltd Location: 3, London Street, Reading, RG1 4PN Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	153	-	471787 173277
235	Contemporary Trade Directory Entries Name: Tivall Europe B V Location: 106, London Street, Reading, RG1 4SJ Classification: Frozen Food Processors & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	158	-	471827 172960
235	Contemporary Trade Directory Entries Name: Radiotronics Two Way Radio Sales & Hire Location: London Street, Reading, Berkshire, RG1 4QA Classification: Radio Communication Equipment Status: Active Positional Accuracy: Manually positioned within the geographical locality	A13SE (SE)	167	-	471857 172975
235	Contemporary Trade Directory Entries Name: Vaponics Ltd Location: 99 London Street, Reading, Berkshire, RG1 4QA Classification: Filter Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	171	-	471858 172970
235	Contemporary Trade Directory Entries Name: Berkshire Clearance Service Location: 105, London Street, Reading, RG1 4QD Classification: Waste Disposal Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	187	-	471871 172960
235	Contemporary Trade Directory Entries Name: R D Refrigeration Location: 105, London Street, Reading, RG1 4QD Classification: Air Conditioning & Refrigeration Contractors Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	187	-	471871 172960
235	Contemporary Trade Directory Entries Name: London Boys Scrap Yards In Reading Location: 105, London Street, Reading, RG1 4QD Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	187	-	471871 172960
235	Contemporary Trade Directory Entries Name: Scrap Car Now Today Cash Reading Location: London Street, Reading, Berkshire, rg1 4qd Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13SE (SE)	187	-	471871 172960
235	Contemporary Trade Directory Entries Name: Mail Boxes Etc Reading Location: 105, London Street, Reading, RG1 4QD Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	187	-	471871 172960

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
235	Contemporary Trade Directory Entries Name: Pure Misting Location: 105, LONDON STREET, READING, RG1 4QD Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	187	-	471871 172960
235	Contemporary Trade Directory Entries Name: Eureka Ovencare Location: 105, London Street, Reading, RG1 4QD Classification: Oven cleaning Status: Active Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	187	-	471871 172960
235	Contemporary Trade Directory Entries Name: Shareplan Leaflet Distribution Location: 105, London Street, Reading, RG1 4QD Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13SE (SE)	187	-	471871 172960
235	Contemporary Trade Directory Entries Name: Msk Cleaning Location: 105, London Street, Reading, RG1 4QD Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	187	-	471871 172960
236	Contemporary Trade Directory Entries Name: Apple Store Location: Upper Level, The Oracle Shopping Centre, Reading, Berkshire, RG1 2AG Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	173	-	471606 173261
236	Contemporary Trade Directory Entries Name: Apple Location: Unit 7-8, Upper Ground Level, The Oracle Centre, Reading, RG1 2AH Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	178	-	471574 173242
236	Contemporary Trade Directory Entries Name: Currys Digital Location: Unit 16, Upper Ground Level, The Oracle Centre, Reading, RG1 2AH Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	178	-	471574 173242
236	Contemporary Trade Directory Entries Name: The Perfume Shop Reading Location: Unit 37A, Upper Ground Level, The Oracle Centre, Reading, Berkshire, RG1 2AH Classification: Perfume Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	178	-	471574 173242
236	Contemporary Trade Directory Entries Name: Wax Lyrical Location: Unit 14, Upper Ground Level, The Oracle Centre, Reading, RG1 2AH Classification: Candle Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	178	-	471574 173242
236	Contemporary Trade Directory Entries Name: L'Occitane Location: Unit 18, Upper Ground Level, The Oracle Centre, Reading, Berkshire, RG1 2AH Classification: Toiletries Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	178	-	471574 173242
236	Contemporary Trade Directory Entries Name: Www.Mbitzdirect.Com Location: The Oracle Centre, Riverside Level, Reading, Berkshire, RG1 2AG Classification: Mobile Phone Accessories and Car Kits Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13NW (NW)	179	-	471574 173242

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
237	Contemporary Trade Directory Entries Name: Southampton Street Garage Location: 72a, Southampton Street, Reading, RG1 2QR Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (S)	175	-	471635 172872
237	Contemporary Trade Directory Entries Name: Southampton Street Garage Location: 70, Southampton Street, Reading, RG1 2QR Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	178	-	471626 172871
237	Contemporary Trade Directory Entries Name: Universal Auto Services Location: 70, Southampton Street, Reading, RG1 2QR Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	178	-	471626 172871
237	Contemporary Trade Directory Entries Name: Cash For Vans Reading Berkshire Location: 70, Southampton Street, Reading, RG1 2QR Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	178	-	471626 172871
237	Contemporary Trade Directory Entries Name: Kevin Trayhorne Location: 70, Southampton Street, Reading, RG1 2QR Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	178	-	471626 172871
238	Contemporary Trade Directory Entries Name: Cheapest Carpet Cleaning Location: Dukesbridge House, 23, Duke Street, Reading, RG1 4SA Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	208	-	471795 173333
238	Contemporary Trade Directory Entries Name: Cheapest Cleaning Services Location: Dukesbridge House, 23, Duke Street, Reading, RG1 4SA Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	208	-	471795 173333
238	Contemporary Trade Directory Entries Name: Scrap Cars Vans Caravans Buyer Location: Dukesbridge House, 23, Duke Street, Reading, RG1 4SA Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	209	-	471795 173333
238	Contemporary Trade Directory Entries Name: One Stop Shop Awnings Location: 23, Duke Street, Reading, Berkshire, RG1 4SA Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (N)	209	-	471795 173333
238	Contemporary Trade Directory Entries Name: Car & Van Deals Direct Location: Dukesbridge House, 23, Duke Street, Reading, RG1 4SA Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	209	-	471795 173333
238	Contemporary Trade Directory Entries Name: Forest Printing Location: 16, Kings Road, Reading, RG1 3AA Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	247	-	471802 173371
239	Contemporary Trade Directory Entries Name: Shop At Panasonic Location: 19-23, Kings Walk, Reading, RG1 2HG Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	222	-	471688 173353

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
240	Contemporary Trade Directory Entries Name: Architectural Salvage Yard Location: 85, Pell Street, Reading, RG1 2NP Classification: Reclamation Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	227	-	471645 172818
241	Contemporary Trade Directory Entries Name: Stan Chem International Ltd Location: 4, Kings Road, Reading, RG1 3AA Classification: Chemical Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	243	-	471750 173377
241	Contemporary Trade Directory Entries Name: Biotechnica Services Ltd Location: 4, Kings Road, Reading, RG1 3AA Classification: Chemical Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	244	-	471750 173377
241	Contemporary Trade Directory Entries Name: Stan Chem (International) Ltd Location: 4, Kings Road, Reading, RG1 3AA Classification: Chemicals & Allied Products Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	244	-	471750 173377
241	Contemporary Trade Directory Entries Name: Stan Chem International Ltd Location: 4, Kings Road, READING, RG1 3AA Classification: Chemical Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	244	-	471750 173377
242	Contemporary Trade Directory Entries Name: Reading Borough Council - Pest Control Location: Civic Offices, Bridge Street, Reading, RG1 2LU Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	246	-	471417 173150
242	Contemporary Trade Directory Entries Name: Reading Borough Council Location: Civic Offices, Bridge Street, Reading, RG1 2LU Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	246	-	471417 173150
243	Contemporary Trade Directory Entries Name: Carpet Cleaners Reading Ltd Location: 6, Fobney Street, READING, RG1 6BY Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (W)	260	-	471391 173062
244	Contemporary Trade Directory Entries Name: Pro-Clean Location: 85, Southampton Street, Reading, Berkshire, RG1 2QU Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SE (S)	261	-	471728 172787
244	Contemporary Trade Directory Entries Name: M V Cleaning Ltd Location: 87, Southampton Street, Reading, RG1 2QU Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	263	-	471744 172789
244	Contemporary Trade Directory Entries Name: Intelligent Merchant Services Ltd Location: City Gate Business Park, Southampton Street, Reading, Berkshire, RG1 2QW Classification: Cash Registers & Check-Out Equipment Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13SE (S)	291	-	471752 172762
245	Contemporary Trade Directory Entries Name: 8el Ltd Location: Kings Reach, 38-50, Kings Road, Reading, Berkshire, RG1 3AA Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	270	-	471890 173354

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
246	Contemporary Trade Directory Entries Name: Boiler Installation (Reading) Location: Flat 4, Kings Oak Court, Queens Road, Reading, Berkshire, RG1 4PX Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	274	-	471995 173222
247	Contemporary Trade Directory Entries Name: Rentacure Location: Minster St, Reading, Berkshire, RG1 2JB Classification: Timber Preservation Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NW (NW)	276	-	471566 173360
247	Contemporary Trade Directory Entries Name: Rentacure Ltd Location: Minster St, Reading, Berkshire, RG1 2JB Classification: Damp & Dry Rot Control Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NW (NW)	276	-	471566 173360
248	Contemporary Trade Directory Entries Name: Calmec Building Services Ltd Location: 49, South Street, Reading, RG1 4QU Classification: Air Conditioning & Refrigeration Contractors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	287	-	472032 173134
249	Contemporary Trade Directory Entries Name: Norman Jordan Garage Location: 46, Market Place, Reading, Berkshire, RG1 2DT Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	294	-	471677 173423
249	Contemporary Trade Directory Entries Name: Bonusprint Location: 3, Broad Street, Reading, RG1 2BH Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	305	-	471641 173427
249	Contemporary Trade Directory Entries Name: Sketchley Retail Ltd Location: 42, Market Place, Reading, RG1 2DE Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	320	-	471660 173447
250	Contemporary Trade Directory Entries Name: Shine Carpets Reading Location: 4, Katesgrove Lane, Reading, RG1 2ND Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	297	-	471440 172856
251	Contemporary Trade Directory Entries Name: Berkshire Roofing.Co.Uk Location: 15, Crane Wharf, Reading, RG1 3AY Classification: Fascias and Soffits Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	302	-	471955 173337
252	Contemporary Trade Directory Entries Name: Wildlife Control Services Location: 13, Upper Crown Street, Reading, RG1 2SS Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	305	-	471806 172765
253	Contemporary Trade Directory Entries Name: Wasteking Ltd Location: 7, Castle Street, Reading, RG1 7SB Classification: Rubbish Clearance Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	309	-	471383 173229
253	Contemporary Trade Directory Entries Name: Cleaners Reading Location: 15, Castle Street, Reading, RG1 7SB Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	332	-	471348 173211

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
254	Contemporary Trade Directory Entries Name: Car Scraping Scrap Yards In Reading Location: 6-8, Market Place, Reading, RG1 2EG Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	328	-	471722 173462
255	Contemporary Trade Directory Entries Name: Scamellperformance Location: 17, Swan Place, READING, RG1 6QD Classification: Engineering Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	334	-	471317 173081
256	Contemporary Trade Directory Entries Name: Shine Carpets Reading Ltd Location: Katesgrove Lane, Reading, Berkshire, RG1 2ND Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13SW (SW)	342	-	471421 172810
256	Contemporary Trade Directory Entries Name: Thompson Engineering Location: Unit 9 68-72 Katesgrove La, Reading, Berkshire, RG1 2ND Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	378	-	471410 172770
257	Contemporary Trade Directory Entries Name: Pest Solutions Ltd Location: Davidson House, The Forbury, Reading, Berkshire, RG1 3EU Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SE (N)	343	-	471798 173471
257	Contemporary Trade Directory Entries Name: Beautiful Group Ltd Location: Davidson House, The Forbury, Reading, RG1 3EU Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	343	-	471798 173471
257	Contemporary Trade Directory Entries Name: Forewind Ltd Location: Davidson House, The Forbury, Reading, RG1 3EU Classification: Windmills & Wind Power Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	343	-	471798 173471
257	Contemporary Trade Directory Entries Name: Scrap Cars Vans Caravans Buyer Location: Davidson House, The Forbury, Reading, RG1 3EU Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	343	-	471798 173471
257	Contemporary Trade Directory Entries Name: Dr Boilers Location: Davidson House, Forbury Square, The Forbury, Reading, RG1 3EU Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	343	-	471798 173471
257	Contemporary Trade Directory Entries Name: T A H Trading Ltd Location: Davidson House, The Forbury, Reading, Berkshire, RG1 3EU Classification: Oil & Gas Exploration Supplies & Services Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	343	-	471798 173471
258	Contemporary Trade Directory Entries Name: Carpets Like New Reading Location: 32, St. Marys Butts, Reading, RG1 2LS Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	358	-	471359 173282
258	Contemporary Trade Directory Entries Name: Kall Kwik Location: 32, St. Marys Butts, Reading, RG1 2LS Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (NW)	358	-	471359 173282

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
259	Contemporary Trade Directory Entries Name: Reading Pest Control Location: 1, SILVER STREET FLATS, SILVER STREET, READING, RG1 2TB Classification: Pest & Vermin Control Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	366	-	471928 172772
260	Contemporary Trade Directory Entries Name: Skip It Location: B, 53, South Street, Reading, Berkshire, RG1 4RA Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	383	-	472124 173164
261	Contemporary Trade Directory Entries Name: Sharps Bedrooms Location: 14, Chain Street, Reading, RG1 2HX Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	385	-	471432 173395
262	Contemporary Trade Directory Entries Name: Octavia Design Ltd Location: Sussex House, 6, The Forbury, Reading, RG1 3EJ Classification: Toys, Games & Sporting Goods - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	387	-	471724 173522
263	Contemporary Trade Directory Entries Name: Magic-Mop Domestic Cleaning Services Location: Emmanuel House, 8-10, Kendrick Road, Reading, RG1 5DN Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	392	-	472022 172821
264	Contemporary Trade Directory Entries Name: My Home Location: Kendrick Road, Reading, RG1 5DX Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	399	-	472086 172893
264	Contemporary Trade Directory Entries Name: My Home Services Location: 1-3, Kendrick Road, Reading, RG1 5DX Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	399	-	472086 172893
264	Contemporary Trade Directory Entries Name: Myhome Location: 1-3, Kendrick Road, Reading, RG1 5DX Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	399	-	472086 172893
265	Contemporary Trade Directory Entries Name: Monel Electronics Ltd Location: 3, Windsor Square, Silver Street, Reading, Berkshire, RG1 2TH Classification: Electronic Component Manufacturers & Distributors Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NE (SE)	404	-	471952 172742
265	Contemporary Trade Directory Entries Name: Porterhouse Medical Ltd Location: 4, Windsor Square, Silver Street, Reading, RG1 2TH Classification: Medical & Dental Laboratories Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	410	-	471962 172743
265	Contemporary Trade Directory Entries Name: Photon Energy Location: 8, Windsor Square, Silver Street, Reading, RG1 2TH Classification: Electricity Generating & Distributing Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (SE)	418	-	471938 172713
265	Contemporary Trade Directory Entries Name: Berkshire Haulage Location: 79, Silver Street, Reading, RG1 2TN Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	435	-	471952 172702

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
265	Contemporary Trade Directory Entries Name: Photobition Cpl Ltd Location: 79, Silver Street, Reading, RG1 2TN Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	435	-	471952 172702
266	Contemporary Trade Directory Entries Name: Carpet Cleaning Reading Location: 35, Castle Street, Reading, RG1 7SB Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	405	-	471267 173204
267	Contemporary Trade Directory Entries Name: Contract Ironing Location: 9, Phoebe Court, Reading, RG1 2NA Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	405	-	471432 172717
268	Contemporary Trade Directory Entries Name: K D Electrolysis Location: 24, Cross Street, Reading, RG1 1SN Classification: Electrolysis Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SW (N)	415	-	471542 173506
268	Contemporary Trade Directory Entries Name: Cromwell Ltd Location: 7-11, Cross Street, Reading, RG1 1ST Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	432	-	471578 173541
268	Contemporary Trade Directory Entries Name: Expro Location: 3rd Floor, 14-16 Cross Street, Reading, Berkshire, RG1 1SN Classification: Oil & Gas Exploration Supplies & Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SW (N)	434	-	471556 173534
269	Contemporary Trade Directory Entries Name: Chestermans Garage Location: A, 1, Chesterman Street, Reading, RG1 2PR Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	416	-	471740 172633
269	Contemporary Trade Directory Entries Name: Hermes Plates Ltd Location: 1, Short Street, Reading, RG1 2PS Classification: Lithographic Plate Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	435	-	471765 172617
269	Contemporary Trade Directory Entries Name: Magnus Litho Services Ltd Location: 1, Short Street, Reading, RG1 2PS Classification: Lithographic Plate Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	435	-	471765 172617
270	Contemporary Trade Directory Entries Name: Silverwire Ltd Location: 1, Wesley Gate, Queens Road, Reading, Berkshire, RG1 4AP Classification: Photo & Digital Imaging Bureaus Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NW (E)	423	-	472154 173219
271	Contemporary Trade Directory Entries Name: The Water Cooler Company Location: ABBOTS HOUSE, ABBEY STREET, READING, RG1 3BD Classification: Water Coolers Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (NE)	449	-	471926 173539
272	Contemporary Trade Directory Entries Name: Car Scraping Scrap Yards In Reading Location: Queen Victoria Street, Reading, Berkshire, rg1 1sy Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SW (NW)	453	-	471502 173528

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
272	Contemporary Trade Directory Entries Name: Johnson Cleaners Uk Ltd Location: 10, Queen Victoria Street, Reading, RG1 1TG Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	457	-	471530 173547
272	Contemporary Trade Directory Entries Name: Delta Air Conditioning (Reading) Ltd Location: 147, Friar Street, Reading, Berkshire, RG1 1EX Classification: Air Conditioning & Refrigeration Contractors Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SW (NW)	479	-	471490 173551
272	Contemporary Trade Directory Entries Name: Snappy Snaps Location: 149, Friar Street, Reading, RG1 1EX Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	481	-	471526 173571
272	Contemporary Trade Directory Entries Name: A M Stratton Location: Friar St, Reading, Berkshire, RG1 1DB Classification: Water Softeners Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18SW (NW)	526	-	471456 173586
273	Contemporary Trade Directory Entries Name: Pack & Send Location: 91-93, Kings Road, READING, RG1 3DD Classification: Freight Forwarders Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (NE)	470	-	472112 173411
274	Contemporary Trade Directory Entries Name: Forest Gold Location: 76 Broad St, Reading, Berkshire, RG1 2AP Classification: Bags, Belts & Accessories - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	473	-	471326 173421
274	Contemporary Trade Directory Entries Name: The Discount Photo Co Location: 21, West Street, Reading, RG1 1TT Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	521	-	471297 173460
274	Contemporary Trade Directory Entries Name: Suprema Location: 19, West Street, Reading, RG1 1TT Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	528	-	471294 173467
275	Contemporary Trade Directory Entries Name: Reading Tyre Centre Location: Kings Point, 120, Kings Road, Reading, RG1 3DA Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	487	-	472166 173357
275	Contemporary Trade Directory Entries Name: Kwik-Fit Location: 120, Kings Road, Reading, RG1 3DB Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	487	-	472166 173357
275	Contemporary Trade Directory Entries Name: Reading Tyre Centre Ltd Location: Kings Point, 120, Kings Road, Reading, RG1 3DA Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	487	-	472166 173357
276	Contemporary Trade Directory Entries Name: The Perfume Shop Location: Superdrug, 55-59 Broad Street, Reading, Berkshire, RG1 2AF Classification: Perfume Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (NW)	490	-	471369 173478

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
277	Contemporary Trade Directory Entries Name: Brighthouse Location: 22-23, Broad Street Mall, Reading, RG1 7QE Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	492	-	471254 173367
277	Contemporary Trade Directory Entries Name: Service Point Uk Ltd Location: 23-25, Oxford Road, Reading, RG1 7QG Classification: Copying & Duplicating Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	529	-	471225 173389
278	Contemporary Trade Directory Entries Name: A M S Location: Friar Street, Reading, Berkshire, RG1 1DB Classification: Water Softeners Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SW (N)	496	-	471562 173602
278	Contemporary Trade Directory Entries Name: Adrienne Henrey Location: 25, Harris Arcade, Reading, RG1 1DN Classification: Millinery Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	504	-	471561 173610
278	Contemporary Trade Directory Entries Name: Bench Mark Jewellers Location: 8, Harris Arcade, Reading, RG1 1DN Classification: Jewellery Manufacturers & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	532	-	471547 173635
278	Contemporary Trade Directory Entries Name: Precision Watches Location: 8, Harris Arcade, Reading, RG1 1DN Classification: Clocks & Watches - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	532	-	471547 173635
279	Contemporary Trade Directory Entries Name: Sanbei Location: 14 Union St, Reading, Berkshire, RG1 1EU Classification: Mobile Phone Accessories and Car Kits Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SW (NW)	500	-	471428 173537
280	Contemporary Trade Directory Entries Name: Mabey Holdings Location: St Johns Gate, 1, Valpy Street, Reading, RG1 1AR Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	512	-	471741 173646
281	Contemporary Trade Directory Entries Name: Osprey Printing Management Ltd Location: London Road, Reading, Berkshire, RG1 5AQ Classification: Printers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14SW (E)	516	-	472247 172980
282	Contemporary Trade Directory Entries Name: Squeaky Clean Homes Ltd Location: 49, Wolseley Street, Reading, RG1 6AZ Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	518	-	471185 172844
283	Contemporary Trade Directory Entries Name: Wessington Group Ltd Location: 3rd Floor, 17 Blagrove Street, Reading, Berkshire, RG1 1QB Classification: Chemicals - Distributors & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	520	-	471620 173643
284	Contemporary Trade Directory Entries Name: Tony Smith Location: 50, Mount Pleasant, Reading, RG1 2TD Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	529	-	471919 172571

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
284	Contemporary Trade Directory Entries Name: 4 Bays Location: 50, Mount Pleasant, Reading, Berkshire, RG1 2TD Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (SE)	529	-	471919 172571
284	Contemporary Trade Directory Entries Name: City Cars Location: 50, Mount Pleasant, Reading, Berkshire, RG1 2TD Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	529	-	471919 172571
285	Contemporary Trade Directory Entries Name: Acheson Industries (Europe) Ltd Location: Sun Life House, 85, Queens Road, Reading, RG1 4PT Classification: Chemicals & Allied Products Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	537	-	472253 173287
285	Contemporary Trade Directory Entries Name: Universal Transaction Processing Location: Sapphire Plaza, Watlington Street, Reading, RG1 4RE Classification: Cash Registers & Check-Out Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	552	-	472254 173325
285	Contemporary Trade Directory Entries Name: U T P Merchant Services Ltd Location: Sapphire Plaza, Watlington Street, Reading, RG1 4RE Classification: Cash Registers & Check-Out Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (NE)	553	-	472254 173325
285	Contemporary Trade Directory Entries Name: Universal Transaction Processing Location: Sapphire Plaza, Watlington Street, Reading, RG1 4RE Classification: Cash Registers & Check-Out Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	553	-	472254 173325
286	Contemporary Trade Directory Entries Name: Keyline Civils Specialist Location: Elgar Road, Reading, Berkshire, RG2 0BU Classification: Builders' Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	546	-	471470 172536
286	Contemporary Trade Directory Entries Name: Keyline Builders Merchants Location: Elgar Road, Reading, RG2 0BU Classification: Builders' Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	546	-	471470 172536
287	Contemporary Trade Directory Entries Name: Eco Carpet Clean (Reading) Ltd Location: Station Rd, Reading, Berkshire, RG1 1LG Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SW (N)	554	-	471489 173635
287	Contemporary Trade Directory Entries Name: A E A Technology Rail Location: 7-11, Station Road, Reading, RG1 1LG Classification: Railways Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	554	-	471489 173635
287	Contemporary Trade Directory Entries Name: H T C Reading Location: 29, Station Road, Reading, RG1 1LG Classification: Commercial Vehicle Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	598	-	471491 173684
288	Contemporary Trade Directory Entries Name: Cookerburra Location: 5-9, Berkeley Avenue, Reading, Berkshire, RG1 6EL Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	555	-	471381 172571

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
288	Contemporary Trade Directory Entries Name: Alb Trans International Ltd Location: 5-9, Berkeley Avenue, Reading, Berkshire, RG1 6EL Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NW (SW)	555	-	471381 172571
288	Contemporary Trade Directory Entries Name: Spotless Cleaning Services Location: Berkeley Av, Reading, Berkshire, RG1 6EL Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A8NW (SW)	555	-	471381 172571
289	Contemporary Trade Directory Entries Name: Redknee Location: 30-31, Friar Street, Reading, Berkshire, RG1 1DX Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SW (NW)	558	-	471424 173604
290	Contemporary Trade Directory Entries Name: Oven Glow Reading Location: 65, Watlington Street, Reading, RG1 4RQ Classification: Oven cleaning Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	560	-	472306 173135
291	Contemporary Trade Directory Entries Name: All In One Windows & Conservatories Location: 96a, Queens Road, Reading, RG1 4DG Classification: Window Frame Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	561	-	472290 173248
291	Contemporary Trade Directory Entries Name: Pride Of Place Location: 100, Queens Road, Reading, RG1 4DG Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	570	-	472297 173253
292	Contemporary Trade Directory Entries Name: Scottish & Southern Energy Location: 1 Forbury Place, Forbury Road, Reading, Berkshire, RG1 3JH Classification: Electricity Generating & Distributing Equipment Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A18SE (N)	570	-	471873 173687
293	Contemporary Trade Directory Entries Name: First Great Western Link Location: 37-43, Blagrove Street, Reading, RG1 1PZ Classification: Railways Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	571	-	471603 173692
293	Contemporary Trade Directory Entries Name: Thames Trains Ltd Location: 37-43, Blagrove Street, Reading, RG1 1PZ Classification: Railways Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	571	-	471603 173692
293	Contemporary Trade Directory Entries Name: Thames Trains Location: 37-43, Blagrove Street, Reading, RG1 1PZ Classification: Railways Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	571	-	471603 173692
294	Contemporary Trade Directory Entries Name: Colorama Free Film Photo Centres Location: 54, Broad Street Mall, Reading, RG1 7QE Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	576	-	471160 173377
295	Contemporary Trade Directory Entries Name: B P Service Station Location: 69, London Road, Reading, RG1 5BW Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	578	-	472319 173024

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
296	Contemporary Trade Directory Entries Name: Prim Location: 7, West Street, Reading, RG1 1TT Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	582	-	471276 173522
296	Contemporary Trade Directory Entries Name: Everest Jewellery Location: 4, West Street, Reading, RG1 1TT Classification: Jewellery Manufacturers & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	589	-	471271 173527
297	Contemporary Trade Directory Entries Name: Jordans Autocare Location: 251, A33 Relief Road, Reading, RG2 0RR Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	585	-	471319 172576
297	Contemporary Trade Directory Entries Name: Stylees Leather Location: 251, A33 Relief Road, Reading, RG2 0RR Classification: Leather Garments & Products Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	585	-	471319 172576
297	Contemporary Trade Directory Entries Name: Cookerburra Oven Cleaning Location: 251, A33 Relief Road, Reading, RG2 0RR Classification: Oven cleaning Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	585	-	471319 172576
298	Contemporary Trade Directory Entries Name: Crystal Clean Location: 104, Waldeck Street, Reading, RG1 2RE Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	607	-	471672 172436
299	Contemporary Trade Directory Entries Name: Workplace Interiors Ltd Location: 5-9 Berkeley Av, Reading, Berkshire, RG1 6EL Classification: Office Furniture & Equipment Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7NE (SW)	611	-	471260 172591
300	Contemporary Trade Directory Entries Name: Scrap Car Cash Location: Britten Road, Reading, Berkshire, RG2 0AT Classification: Scrap Metal Merchants Status: Active Positional Accuracy: Manually positioned within the geographical locality	A8NW (S)	616	-	471574 172435
301	Contemporary Trade Directory Entries Name: Q Tek Tyre Centre Location: A, 4, Kennet Street, Reading, RG1 4AA Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	617	-	472329 173310
302	Contemporary Trade Directory Entries Name: Oven Cleaners Reading Location: 41, Waldeck Street, Reading, RG1 2RF Classification: Oven cleaning Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	619	-	471760 172430
303	Contemporary Trade Directory Entries Name: No 1 Cleaning Co Location: 30, Anstey Road, READING, RG1 7JR Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	622	-	471030 173119
304	Contemporary Trade Directory Entries Name: J C Electrics Reading Ltd Location: Atlantis House, 122, Castle Street, Reading, RG1 7RG Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	623	-	471029 173033

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
305	Contemporary Trade Directory Entries Name: U T P Merchant Services Ltd Location: Zenith House, Cheapside, Reading, RG1 7AQ Classification: Cash Registers & Check-Out Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	625	-	471152 173453
306	Contemporary Trade Directory Entries Name: Sse Energy Solutions Location: 43, Forbury Road, Reading, RG1 3JH Classification: Electricity Companies Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (NE)	631	-	471964 173721
306	Contemporary Trade Directory Entries Name: S S E Enterprise Location: 43, FORBURY ROAD, READING, RG1 3JH Classification: Electricity Companies Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (NE)	631	-	471964 173721
307	Contemporary Trade Directory Entries Name: Fereday & Pocock Location: 3, Princes Street, Reading, RG1 4EG Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	633	-	472378 173144
308	Contemporary Trade Directory Entries Name: Logoplaste Location: Apex Plaza, Forbury Road, Reading, RG1 1AX Classification: Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	641	-	471676 173773
309	Contemporary Trade Directory Entries Name: Berkeley Service Station Location: Drop-in Centre, Berkeley Avenue, Reading, RG1 6JT Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	665	-	471146 172635
310	Contemporary Trade Directory Entries Name: Berkshire Valet Supplies Location: B, 190, Kings Road, Reading, RG1 4NH Classification: Janitorial Equipment - Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	668	-	472396 173265
311	Contemporary Trade Directory Entries Name: Marine Ventures Ltd Location: Marven House, 1, Field Road, Reading, RG1 6AP Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	669	-	470990 172965
311	Contemporary Trade Directory Entries Name: Workmates (Building Trades) Ltd Location: Hadwyn House, Field Road, Reading, RG1 6AP Classification: Builders' Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	681	-	470981 172948
312	Contemporary Trade Directory Entries Name: Breakdown Recovery Berkshire Location: Field Rd, Reading, Berkshire, RG1 6AP Classification: Breakdown and Recovery Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12SW (W)	669	-	471019 172851
313	Contemporary Trade Directory Entries Name: Effective Print Solutions Location: 16, Highgrove Street, Reading, Berkshire, RG1 5EN Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	673	-	471997 172449
314	Contemporary Trade Directory Entries Name: Royal Berkshire Hospital Location: London Road, Reading, RG1 5AN Classification: Hospitals Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	680	-	472411 172962

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
315	Contemporary Trade Directory Entries Name: Knights Mobile Tyres Reading Location: Neuk, Field Road, Reading, RG1 6AP Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A12SW (W)	686	-	470986 172902
316	Contemporary Trade Directory Entries Name: Comet Group Plc Location: Unit 4, Forbury Retail Park, Forbury Road, Reading, RG1 3JD Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	688	-	472085 173725
316	Contemporary Trade Directory Entries Name: Comet Location: Unit 4, Forbury Retail Park, Forbury Road, Reading, RG1 3JD Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	688	-	472085 173725
316	Contemporary Trade Directory Entries Name: Sofology Location: Unit 3, Forbury Retail Park, Forbury Road, Reading, RG1 3JD Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	712	-	472127 173727
317	Contemporary Trade Directory Entries Name: Clinical Print Services Location: 52, Station Hill, Reading, RG1 1NF Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	692	-	471443 173766
318	Contemporary Trade Directory Entries Name: Sunset Care Services For The Elderly Location: Westerham Walk, Reading, Berkshire, RG2 0BA Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	704	-	471884 172370
318	Contemporary Trade Directory Entries Name: Level Location: 14, Westerham Walk, READING, RG2 0BA Classification: Fireplaces & Mantelpieces Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	714	-	471904 172366
319	Contemporary Trade Directory Entries Name: Fish Bros Location: Rose Kiln Lane, Reading, Berkshire, RG1 6RS Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7NE (SW)	705	-	471234 172490
320	Contemporary Trade Directory Entries Name: Economy Locks & Hardware Location: 13, Whitley Street, Reading, RG2 0EG Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	713	-	471983 172398
320	Contemporary Trade Directory Entries Name: Bags Direct International Ltd Location: 29, Whitley Street, READING, RG2 0EG Classification: Bags, Belts & Accessories - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	755	-	471996 172358
321	Contemporary Trade Directory Entries Name: Swift Force Ltd Location: 28-34, Station Hill, Reading, Berkshire, RG1 1NF Classification: Shop Fittings Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	713	-	471378 173758
321	Contemporary Trade Directory Entries Name: Higgs Print Centre Location: Station Hill, Reading, Berkshire, RG1 1NF Classification: Printers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NW (NW)	753	-	471370 173798

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
322	Contemporary Trade Directory Entries Name: Royal Berkshire Hospital Location: London Road, Reading, RG1 5AN Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	719	-	472458 173005
322	Contemporary Trade Directory Entries Name: Berkshire Private X-Rays Location: London Road, Reading, RG1 5AN Classification: Radiographic Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	719	-	472458 173005
322	Contemporary Trade Directory Entries Name: The Royal Berkshire Hospital Location: London Road, Reading, RG1 5AN Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	719	-	472458 173005
323	Contemporary Trade Directory Entries Name: W L M G Location: 25-27, Rose Kiln Lane, Reading, Berkshire, RG2 0JZ Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (SW)	719	-	471391 172382
323	Contemporary Trade Directory Entries Name: W L M G Location: 25-27, Rose Kiln Lane, Reading, Berkshire, RG2 0JZ Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (SW)	719	-	471391 172382
323	Contemporary Trade Directory Entries Name: Sehmi Builders Merchants Location: Rose Kiln Lane, Reading, RG2 0ND Classification: Builders' Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (SW)	719	-	471391 172382
324	Contemporary Trade Directory Entries Name: Clean Supreme Services Location: 25, Jesse Terrace, Reading, RG1 7RS Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	722	-	470929 173097
324	Contemporary Trade Directory Entries Name: Arc Tooling Technology Location: 23, Jesse Terrace, Reading, RG1 7RS Classification: Tool Design, Manufacturers & Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	725	-	470927 173103
324	Contemporary Trade Directory Entries Name: Magal Engineering Ltd Location: Headley Road, Reading, Berkshire, RG1 7RS Classification: Engineers - General Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12NW (W)	727	-	470925 173108
325	Contemporary Trade Directory Entries Name: Railair Reading Location: Station Approach, Reading, RG1 1LZ Classification: Bus & Coach Operators & Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	731	-	471539 173841
326	Contemporary Trade Directory Entries Name: Minute Man Press Location: 82, Oxford Road, Reading, RG1 7LJ Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (NW)	737	-	470997 173415
327	Contemporary Trade Directory Entries Name: Reading Pest Control Location: 9, GREYFRIARS ROAD, READING, RG1 1NU Classification: Pest & Vermin Control Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	740	-	471244 173697

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
328	Contemporary Trade Directory Entries Name: 1st Class Professional Cleaning Location: Highgrove St, Reading, Berkshire, RG1 5EJ Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A9SW (SE)	741	-	472058 172405
328	Contemporary Trade Directory Entries Name: First Class Cleaners Location: Highgrove St, Reading, Berkshire, RG1 5EJ Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A9SW (SE)	777	-	472053 172361
329	Contemporary Trade Directory Entries Name: Adam Halal Meat Location: Reading, Berkshire, Rg1 7lj Classification: Meat - Wholesale Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12NW (NW)	741	-	470987 173404
329	Contemporary Trade Directory Entries Name: D E S Home Appliances Ltd Location: 109a, Oxford Road, Reading, RG1 7UD Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	747	-	470963 173367
329	Contemporary Trade Directory Entries Name: Colourflow Location: 109, Oxford Road, Reading, RG1 7UD Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	747	-	470963 173367
329	Contemporary Trade Directory Entries Name: Hobbs Of Reading Location: 102, Oxford Road, Reading, RG1 7LL Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (NW)	779	-	470945 173404
329	Contemporary Trade Directory Entries Name: Dots Laundry Location: 102, OXFORD ROAD, READING, RG1 7LL Classification: Laundries & Launderettes Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (NW)	779	-	470945 173404
329	Contemporary Trade Directory Entries Name: Hobbs Of Reading Location: 102, Oxford Road, Reading, RG1 7LL Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (NW)	779	-	470945 173404
330	Contemporary Trade Directory Entries Name: Reading Station Location: Station Hill, Reading, Berkshire, RG1 8AG Classification: Railways Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	751	-	471432 173825
331	Contemporary Trade Directory Entries Name: Textile Cleaning Solutions (Berkshire) Location: 5-9 Berkeley Av, Reading, Berkshire, RG1 6EL Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7NE (SW)	755	-	471062 172596
331	Contemporary Trade Directory Entries Name: Legacy Dealership Ltd Location: 4, BERKELEY AVENUE, READING, RG1 6JE Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	756	-	471046 172618
331	Contemporary Trade Directory Entries Name: Reading Auto Trading Location: 4, Berkeley Avenue, Reading, RG1 6JE Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	757	-	471046 172615

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
331	Contemporary Trade Directory Entries Name: Berkeley Van Sales Location: 4, Berkeley Avenue, Reading, RG1 6JE Classification: Commercial Vehicle Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	757	-	471046 172614
331	Contemporary Trade Directory Entries Name: Reading Asphalt Co Location: 4, Berkeley Avenue, Reading, RG1 6JE Classification: Asphalt & Coated Macadam Laying Contractors Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	757	-	471046 172614
331	Contemporary Trade Directory Entries Name: I C M Direct Location: 4, Berkeley Avenue, Reading, Berkshire, RG1 6JE Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	758	-	471046 172614
332	Contemporary Trade Directory Entries Name: Reading Carpentry Services Ltd Location: 1a, Eaton Place, Reading, RG1 7LP Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (NW)	790	-	470939 173417
332	Contemporary Trade Directory Entries Name: Burghfield Bridge Tyres Location: 2, Eaton Place, Reading, RG1 7LP Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A17SW (NW)	812	-	470934 173457
333	Contemporary Trade Directory Entries Name: Scrap My Car Now For Money Reading Kws Location: 60, The Meridian, Kenavon Drive, READING, RG1 3DQ Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	793	-	472421 173528
334	Contemporary Trade Directory Entries Name: Esso Location: Service Station, 10, Berkeley Avenue, Reading, RG1 6JE Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	794	-	470988 172634
334	Contemporary Trade Directory Entries Name: Esso Location: SERVICE STATION, 10, BERKELEY AVENUE, READING, RG1 6JE Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	794	-	470988 172634
334	Contemporary Trade Directory Entries Name: Save Service Station Location: Service Station, 10, Berkeley Avenue, Reading, RG1 6JE Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	810	-	470970 172632
335	Contemporary Trade Directory Entries Name: Cooper (Reading) Location: Kings Meadow Road, Reading, RG1 8BN Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	801	-	471908 173916
335	Contemporary Trade Directory Entries Name: Cooper Reading B M W Location: Kings Meadow Road, Reading, RG1 8BN Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	801	-	471908 173916
335	Contemporary Trade Directory Entries Name: The Cooper Group Ltd Location: Kings Meadow Rd, Reading, Berkshire, RG1 8BN Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18NE (N)	801	-	471908 173916

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
336	Contemporary Trade Directory Entries Name: Impact Solutions Group Ltd Location: 181-183, Kings Road, Reading, Berkshire, RG1 4EX Classification: Oil & Gas Exploration Supplies & Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NE (E)	803	-	472525 173301
336	Contemporary Trade Directory Entries Name: Impact Solutions Group Location: 181-183, Kings Road, Reading, Berkshire, RG1 4EX Classification: Oil & Gas Exploration Supplies & Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NE (E)	803	-	472525 173301
336	Contemporary Trade Directory Entries Name: Access Telecom Location: 187-189, Kings Road, Reading, Berkshire, RG1 4EX Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NE (E)	848	-	472573 173296
336	Contemporary Trade Directory Entries Name: Logoplast Uk Ltd Location: 187-189, Kings Road, Reading, Berkshire, RG1 4EX Classification: Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NE (E)	848	-	472573 173296
337	Contemporary Trade Directory Entries Name: Care Uk Clinical Services Ltd Location: Unit 6, Napier Court, Napier Road, Reading, RG1 8BW Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	809	-	472098 173855
338	Contemporary Trade Directory Entries Name: Courier Expert Location: 1, Epping Close, Reading, RG1 7YD Classification: Cargo Handling Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	816	-	470835 173093
338	Contemporary Trade Directory Entries Name: The Headway Press Ltd Location: 57, Baker Street, Reading, RG1 7XX Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	844	-	470809 173135
338	Contemporary Trade Directory Entries Name: Abbey Pest Control Location: Epping House, 55 Russell Street, Reading, Berkshire, RG1 7XG Classification: Pest & Vermin Control Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	874	-	470778 173127
338	Contemporary Trade Directory Entries Name: Carpet Genie Ltd Location: Epping House, 55, Russell Street, Reading, RG1 7XG Classification: Carpet, Curtain & Upholstery Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	874	-	470778 173127
339	Contemporary Trade Directory Entries Name: Necessities Location: 21, Caversham Road, Reading, RG1 7BT Classification: Office Furniture & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	820	-	471095 173680
339	Contemporary Trade Directory Entries Name: Aardvark Service Centre Location: 6-14 Weldale St, Reading, Berkshire, RG1 7BX Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	840	-	471083 173696
339	Contemporary Trade Directory Entries Name: Aardvark Trading Co Location: 6-14 Weldale St, Reading, Berkshire, RG1 7BX Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	841	-	471082 173696

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
340	Contemporary Trade Directory Entries Name: R B M Wound Components Ltd Location: 22a, Baker Street, Reading, RG1 7XX Classification: Transformer Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	821	-	470837 173182
341	Contemporary Trade Directory Entries Name: Fish Bros Suzuki Location: Unit 4B, Rose Kiln Lane, Reading, RG2 0JZ Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	822	-	471409 172264
341	Contemporary Trade Directory Entries Name: Fish Bros Location: Unit 4B, Rose Kiln Lane, Reading, Berkshire, RG2 0JZ Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	822	-	471409 172264
341	Contemporary Trade Directory Entries Name: Marshall Volkswagen Location: Marshall Volkswagen, Rose Kiln Lane, Reading, RG2 0JZ Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	859	-	471378 172236
341	Contemporary Trade Directory Entries Name: Marshall Volkswagon Reading Location: Ridgeway Reading, Rose Kiln Lane, Reading, RG2 0JZ Classification: Car Customisation & Conversion Specialists Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	859	-	471378 172236
342	Contemporary Trade Directory Entries Name: L J P Carpentry Location: 21, Eldon Street, Reading, RG1 4EA Classification: Cabinet Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	823	-	472565 173187
342	Contemporary Trade Directory Entries Name: L J Pullen Location: 21, Eldon Street, Reading, RG1 4EA Classification: Cabinet Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	823	-	472565 173187
343	Contemporary Trade Directory Entries Name: Reading Cleaners Location: Reading Bridge House, Reading Bridge, Reading, RG1 8LS Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	831	-	471800 173963
343	Contemporary Trade Directory Entries Name: Reading Cleaners Location: Reading Bridge House, Reading Bridge, Reading, RG1 8LS Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	831	-	471800 173963
343	Contemporary Trade Directory Entries Name: Expro International Group Plc Location: Reading Bridge House, Reading Bridge, Reading, Berkshire, RG1 8PL Classification: Oil & Gas Exploration Supplies & Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	832	-	471800 173963
343	Contemporary Trade Directory Entries Name: Reading Cleaners Location: READING BRIDGE HOUSE, READING BRIDGE, READING, RG1 8LS Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	832	-	471800 173963
344	Contemporary Trade Directory Entries Name: Changing Horizons Associates Ltd Location: 27, Eldon Square, Reading, RG1 4DP Classification: Musical Instrument - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	831	-	472577 173115

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
344	Contemporary Trade Directory Entries Name: Kyocera Location: ELDON COURT, 75, LONDON ROAD, READING, RG1 5BS Classification: Office Equipment Servicing & Maintenance Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	849	-	472595 173096
344	Contemporary Trade Directory Entries Name: Kyocera Document Solutions Location: ELDON COURT, 75, LONDON ROAD, READING, RG1 5BS Classification: Printing Equipment Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	849	-	472595 173096
344	Contemporary Trade Directory Entries Name: Kyocera Document Solutions Location: Eldon Court, 75-77 London Road, Reading, Berkshire, RG1 5BS Classification: Printing Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	857	-	472603 173098
345	Contemporary Trade Directory Entries Name: Monks & Crane (Industrial Supplies) Ltd Location: Kings Meadow House, Kings Meadow Road, Reading, Berkshire, RG1 8DQ Classification: Engineering Materials Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18NE (N)	832	-	471859 173957
345	Contemporary Trade Directory Entries Name: Environment Agencies Oil Bank Line Location: Kings Meadow House, Kings Meadow Road, Reading, RG1 8DQ Classification: Oil Recycling & Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	832	-	471859 173957
346	Contemporary Trade Directory Entries Name: D J Wyeth Location: 4, Waylen Street, Reading, RG1 7UR Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	834	-	470857 173332
346	Contemporary Trade Directory Entries Name: Adam'S Halal Meat Market Hmc Location: 137, Oxford Road, Reading, RG1 7UU Classification: Meat - Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	872	-	470827 173360
347	Contemporary Trade Directory Entries Name: Camhs Children & Adolescence Mental Health Services Location: 3-5, Craven Road, Reading, RG1 5LF Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	837	-	472561 172913
348	Contemporary Trade Directory Entries Name: Barkham Office Furniture Location: 3 Elgar Estate, Preston Road, Reading, Berkshire, RG2 0BE Classification: Office Furniture & Equipment Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A8SW (S)	837	-	471611 172209
349	Contemporary Trade Directory Entries Name: Tydex Location: 61, Whitley Street, Reading, RG2 0EG Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	837	-	472026 172281
349	Contemporary Trade Directory Entries Name: Reading Launderette Location: 92, Whitley Street, Reading, RG2 0EQ Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	855	-	472001 172251
350	Contemporary Trade Directory Entries Name: Lyndelworld Cars Ltd Location: 9a Castle Crescent, Reading, Berkshire, RG1 6AQ Classification: Car Dealers - Used Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A12SW (W)	843	-	470857 172789

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
351	Contemporary Trade Directory Entries Name: Prestige Quality Repair Centre Location: 2, Elgar Estate, Preston Road, READING, RG2 0BE Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	845	-	471686 172198
351	Contemporary Trade Directory Entries Name: Autodex Location: 2, Elgar Estate, Preston Road, Reading, RG2 0BE Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	845	-	471686 172198
351	Contemporary Trade Directory Entries Name: Southern Group Services Location: 1, Elgar Estate, Preston Road, Reading, Berkshire, RG2 0BE Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8SW (S)	845	-	471686 172198
351	Contemporary Trade Directory Entries Name: Image Cleaning & Maintenance Services Location: C,O Unit 1 Preston Road, Elgar Estate, Reading, Berkshire, RG2 0BE Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8SW (S)	846	-	471685 172197
352	Contemporary Trade Directory Entries Name: National Tyres & Autocare Location: 45, Caversham Road, READING, RG1 7BT Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	850	-	471126 173746
353	Contemporary Trade Directory Entries Name: Nhs Purchasing & Supply Agency Location: Premier House, 60, Caversham Road, Reading, RG1 7EB Classification: Medical Equipment Maintenance & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	850	-	471191 173796
353	Contemporary Trade Directory Entries Name: Clean Move Ltd Location: 26, Regent Court, Reading, RG1 7HW Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A17NE (NW)	883	-	471146 173802
354	Contemporary Trade Directory Entries Name: Reading Tyres Ltd Location: 81, Russell Street, Reading, RG1 7XG Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A12SW (W)	854	-	470798 173022
354	Contemporary Trade Directory Entries Name: Berkshire Mobile Tyres Service Location: 81, Russell Street, Reading, RG1 7XG Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A12SW (W)	854	-	470798 173022
354	Contemporary Trade Directory Entries Name: Ride In Bike Tyres Location: 81, Russell Street, Reading, RG1 7XG Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A12SW (W)	854	-	470798 173022
354	Contemporary Trade Directory Entries Name: Daily Poppins Location: 81, Russell Street, Reading, RG1 7XG Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	854	-	470798 173022
354	Contemporary Trade Directory Entries Name: G T Auto Repairs Location: 81, Russell Street, Reading, Berkshire, RG1 7XG Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	854	-	470798 173022

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
354	Contemporary Trade Directory Entries Name: Tamarisk Autos Location: 81, Russell Street, Reading, RG1 7XG Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	854	-	470798 173022
355	Contemporary Trade Directory Entries Name: Hillround Ltd Location: 7, Weldale Street, Reading, RG1 7BX Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	865	-	471044 173693
355	Contemporary Trade Directory Entries Name: Motest Reading Location: 7, Weldale Street, Reading, RG1 7BX Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	865	-	471044 173693
355	Contemporary Trade Directory Entries Name: Motest Centre Location: 7, Weldale Street, Reading, RG1 7BX Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	865	-	471044 173693
355	Contemporary Trade Directory Entries Name: Duplo International Ltd Location: Unit B9-B11, Great Knollys Street, Reading, Berkshire, RG1 7HN Classification: Bookbinding & Equipment Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	882	-	471039 173712
355	Contemporary Trade Directory Entries Name: Binding & Laminating Services Ltd Location: B9-B11, Unit, Great Knollys Street, Reading, Berkshire, RG1 7HN Classification: Bookbinders Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	882	-	471039 173712
355	Contemporary Trade Directory Entries Name: C T Autos Location: Unit B10, Great Knollys Street, Reading, RG1 7HN Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	882	-	471039 173712
355	Contemporary Trade Directory Entries Name: Biggins & Gallagher Ltd Location: Flat 4, Bellman Court, Great Knollys Street, Reading, RG1 7HN Classification: Concrete Reinforcements Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	894	-	471015 173705
355	Contemporary Trade Directory Entries Name: Artset Ltd Location: Unit B7, Great Knollys Street, Reading, RG1 7HN Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	903	-	471037 173739
355	Contemporary Trade Directory Entries Name: M & J Location: Unit B5, Great Knollys Street, Reading, RG1 7HN Classification: Engine Rebuilding & Reconditioning Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	912	-	471007 173722
355	Contemporary Trade Directory Entries Name: M & J Reboring & Piston Services Location: Unit B5, Great Knollys St, Reading, Berkshire, RG1 7HN Classification: Engine Rebuilding & Reconditioning Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17SW (NW)	912	-	471006 173722
355	Contemporary Trade Directory Entries Name: Motest Location: 7, Great Knollys St, Reading, Berkshire, RG1 7HN Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	913	-	471046 173761

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
355	Contemporary Trade Directory Entries Name: Baltech Motorcycle Repairs Location: Unit B4, Great Knollys Street, Reading, RG1 7HN Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	916	-	471007 173728
355	Contemporary Trade Directory Entries Name: A & M Motors Location: Unit B4, Great Knollys Street, Reading, RG1 7HN Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	916	-	471007 173728
355	Contemporary Trade Directory Entries Name: Motest Location: Great Knollys St, Reading, Berkshire, RG1 7HN Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	917	-	471037 173758
355	Contemporary Trade Directory Entries Name: Grants Autos Location: Unit B2, Great Knollys Street, Reading, Berkshire, RG1 7HN Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	923	-	471005 173737
355	Contemporary Trade Directory Entries Name: Philip Swain Location: b1 Great Knollys St, Reading, Berkshire, RG1 7HN Classification: Brake & Clutch Service Centres Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SW (NW)	927	-	471018 173754
355	Contemporary Trade Directory Entries Name: Swains Automotive Location: Unit B1, Great Knollys Street, Reading, RG1 7HN Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	928	-	471004 173742
356	Contemporary Trade Directory Entries Name: M S B Autos Location: 114-116, Oxford Road, Reading, Berkshire, RG1 7NE Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	876	-	470840 173406
356	Contemporary Trade Directory Entries Name: Berkshire Car Sales Location: 114-116, Oxford Road, Reading, Berkshire, RG1 7NE Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12NW (W)	876	-	470840 173406
357	Contemporary Trade Directory Entries Name: D R W Location: Unit C8 Weldale Street, Reading, Berkshire, RG1 7BX Classification: Garage Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A17SW (NW)	877	-	471017 173682
357	Contemporary Trade Directory Entries Name: Aquaid Location: Unit 7, Building C, Weldale Street, READING, RG1 7BX Classification: Water Coolers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	877	-	471017 173682
357	Contemporary Trade Directory Entries Name: Cavaliers Location: Unit 9, Building C, Weldale Street, Reading, RG1 7BX Classification: T-Shirts Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	880	-	470995 173664
357	Contemporary Trade Directory Entries Name: Power & Telephone Supply Europe Ltd Location: Unit 9, C, Weldale Street, Reading, RG1 7BX Classification: Cable & Wire Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	880	-	470995 173664

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
357	Contemporary Trade Directory Entries Name: European Market Liaison Ltd Location: Unit 11, C, Weldale Street, Reading, RG1 7BX Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	889	-	470981 173661
357	Contemporary Trade Directory Entries Name: Frontline Cables Location: Unit 10-11, Building C, Weldale Street, Reading, RG1 7BX Classification: Cable & Wire Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	889	-	470981 173661
357	Contemporary Trade Directory Entries Name: Ac Elite Cleaners Location: Unit 10 C, Weldale Street, Reading, Berkshire, RG1 7BX Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A17SW (NW)	899	-	470995 173691
357	Contemporary Trade Directory Entries Name: M R M Associates Ltd Location: Unit 4, C, Weldale Street, Reading, RG1 7BX Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	899	-	470995 173691
357	Contemporary Trade Directory Entries Name: R A Engineering Location: Unit 12-14, North Street, Reading, RG1 7DA Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	906	-	470957 173658
357	Contemporary Trade Directory Entries Name: S E A Windows & Doors Location: Unit 1a, North Street, Reading, RG1 7DA Classification: Window Frame Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	931	-	470959 173700
358	Contemporary Trade Directory Entries Name: Kodak Processing Location: Kenavon Drive, Reading, RG1 3HT Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	888	-	472491 173595
358	Contemporary Trade Directory Entries Name: Northern Freight Services Ltd Location: Kenavon Drive, Reading, RG1 3HT Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	888	-	472491 173595
359	Contemporary Trade Directory Entries Name: L D J Location: Unit 6, Nimrod Industrial Estate, Nimrod Way, Reading, RG2 0EB Classification: Sheet Metal Work Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	890	-	471606 172155
360	Contemporary Trade Directory Entries Name: Reg Vardy Plc Location: 29, Rose Kiln Lane, Reading, Berkshire, RG2 0ST Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	890	-	471244 172263
361	Contemporary Trade Directory Entries Name: Welldone Building & Appliance Repair Services Location: 8, Boults Walk, READING, RG2 0AX Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	891	-	471952 172195
362	Contemporary Trade Directory Entries Name: Thermacom Ltd Location: 6a, Elgar Estate, Preston Road, Reading, RG2 0BE Classification: Air Conditioning & Refrigeration Contractors Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	892	-	471553 172159

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
362	Contemporary Trade Directory Entries Name: J White Location: Unit 5, Nimrod Industrial Estate, Nimrod Way, Reading, Berkshire, RG2 0EB Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	900	-	471596 172146
363	Contemporary Trade Directory Entries Name: West London Motor Group Location: Unit 2, Rose Kiln Lane, Reading, RG2 0JZ Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (S)	893	-	471356 172208
363	Contemporary Trade Directory Entries Name: Brammer Location: Unit 3 Rose Kiln Lane, Reading, Berkshire, RG2 0JZ Classification: Engineering Materials Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (S)	893	-	471356 172208
363	Contemporary Trade Directory Entries Name: Wlmg Mazda Location: Rose Kiln La, Reading, Berkshire, RG2 0JZ Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A7SE (S)	931	-	471326 172179
363	Contemporary Trade Directory Entries Name: K J M Location: Rose Kiln Lane, Reading, RG2 0JZ Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (S)	931	-	471326 172179
363	Contemporary Trade Directory Entries Name: Kjm Nissan Location: Rose Kiln Lane, Reading, RG2 0JZ Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (S)	931	-	471326 172179
363	Contemporary Trade Directory Entries Name: Marshall Koda Reading Location: Rose Kiln Lane, Reading, Berkshire, RG2 0JZ Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (S)	932	-	471325 172178
363	Contemporary Trade Directory Entries Name: Marshall Honda Reading Location: MARSHALL SKODA, ROSE KILN LANE, READING, RG2 0JZ Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (S)	932	-	471325 172178
363	Contemporary Trade Directory Entries Name: Marshall Honda Bikes Reading Location: MARSHALL SKODA, ROSE KILN LANE, READING, RG2 0JZ Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (S)	932	-	471325 172178
363	Contemporary Trade Directory Entries Name: Marshall Skoda Location: Unit 3,23 Rose Kiln Lane, Reading, Berkshire, RG2 0JZ Classification: Car Dealers Status: Active Positional Accuracy: Manually positioned to the address or location	A7SE (S)	932	-	471325 172178
364	Contemporary Trade Directory Entries Name: Exal Location: Luscinia View, Napier Rd, Reading, Berkshire, RG1 8AF Classification: Laboratories Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A19NW (NE)	894	-	472249 173864
365	Contemporary Trade Directory Entries Name: Lawrence C J Ltd Location: 27, Eldon Terrace, Reading, Berkshire, RG1 4DX Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	896	-	472639 173179

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
365	Contemporary Trade Directory Entries Name: Nec Tokin (Europe) Location: 252-256 Kings Rd, Reading, Berkshire, RG1 4HP Classification: Electronic Component Manufacturers & Distributors Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NE (E)	911	-	472650 173224
365	Contemporary Trade Directory Entries Name: Lighting Services Inc Location: 252-256 Kings Rd, Reading, Berkshire, RG1 4HP Classification: Lighting Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NE (E)	911	-	472650 173224
365	Contemporary Trade Directory Entries Name: A B L Systems Ltd Location: Berkshire House, 252-256, Kings Road, Reading, RG1 4HP Classification: Cash Registers & Check-Out Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	912	-	472651 173225
365	Contemporary Trade Directory Entries Name: Tyco Products Ltd Location: 252-256, Kings Road, Reading, Berkshire, RG1 4HP Classification: Electronic Component Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	912	-	472651 173225
365	Contemporary Trade Directory Entries Name: Adabra Ltd Location: 252-256, Kings Road, Reading, RG1 4HP Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	912	-	472651 173225
365	Contemporary Trade Directory Entries Name: Wessington Ltd Location: 252-256, Kings Road, Reading, RG1 4HP Classification: Chemicals - Distributors & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	912	-	472651 173225
365	Contemporary Trade Directory Entries Name: Aci Location: 252-256, Kings Road, Reading, RG1 4HP Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	912	-	472651 173225
365	Contemporary Trade Directory Entries Name: Lighting Services Inc Location: Market Analysis Ltd, Berkshire House, 252-256, Kings Road, Reading, RG1 4HP Classification: Lighting Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	913	-	472651 173225
365	Contemporary Trade Directory Entries Name: M R Lijinsky Location: 11, Montague Street, Reading, RG1 4JH Classification: French Polishing Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	937	-	472679 173195
365	Contemporary Trade Directory Entries Name: Kwon Services Ltd Location: 258b-260, Kings Road, Reading, Berkshire, RG1 4HP Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NE (E)	939	-	472678 173224
365	Contemporary Trade Directory Entries Name: Kwon Services Ltd Location: 258b-260, Kings Road, Reading, Berkshire, RG1 4HP Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NE (E)	939	-	472678 173224

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
366	Contemporary Trade Directory Entries Name: First Class Cleaners Location: 125, Highgrove Street, READING, RG1 5EJ Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	900	-	472097 172246
366	Contemporary Trade Directory Entries Name: 1st Class Professional Cleaning Location: 125, Highgrove Street, Reading, RG1 5EJ Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	900	-	472097 172246
367	Contemporary Trade Directory Entries Name: Scrap Yard In Reading Htt Location: Unit Lb Kenavon Drive, Reading, Berkshire, rg1 3dh Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A19SE (NE)	909	-	472536 173559
368	Contemporary Trade Directory Entries Name: Fairway Press Ltd Location: Unit 7, Nimrod Industrial Estate, Nimrod Way, Reading, RG2 0EB Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	924	-	471663 172119
368	Contemporary Trade Directory Entries Name: Sandford Press Location: Unit 7, Nimrod Industrial Estate, Nimrod Way, Reading, Berkshire, RG2 0EB Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	924	-	471663 172119
368	Contemporary Trade Directory Entries Name: P M G Autos Ltd Location: 23, Robert Cort Industrial Estate, Britten Road, Reading, RG2 0AU Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	954	-	471677 172089
369	Contemporary Trade Directory Entries Name: Itron Ltd Location: Kiln Brook House, Rose Kiln Lane, Reading, RG2 0BY Classification: Meter Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	925	-	471264 172213
370	Contemporary Trade Directory Entries Name: Rubbish Removal Reading Location: Goldsmid Rd, Reading, Berkshire, RG1 7JB Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12NW (W)	930	-	470756 173329
371	Contemporary Trade Directory Entries Name: J E Cartwright Location: 59, Caversham Road, Reading, RG1 7BP Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	931	-	471138 173857
371	Contemporary Trade Directory Entries Name: Thames Grp Location: Unit 8, Abattoirs Rd, Reading, Berkshire, RG1 7BL Classification: Glass Fibre - Moulding Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17NE (NW)	959	-	471132 173888
372	Contemporary Trade Directory Entries Name: S & J Autos Location: Unit B, 63 Great Knollys St, Reading, Berkshire, RG1 7HN Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17SW (NW)	933	-	470985 173730
372	Contemporary Trade Directory Entries Name: Pit Stop Tyres Location: Unit A1, Great Knollys Street, Reading, RG1 7HN Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	960	-	470948 173731

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
373	Contemporary Trade Directory Entries Name: Cleaning Services Reading Location: Unit 30, Nimrod Industrial Estate, Reading, Berkshire, RG2 0EB Classification: Oven cleaning Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	940	-	471645 172103
373	Contemporary Trade Directory Entries Name: App Location: Unit 9, Nimrod Industrial Estate, Nimrod Way, Reading, RG2 0EB Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	940	-	471644 172103
373	Contemporary Trade Directory Entries Name: Dorsey Construction Materials Ltd Location: Unit 11, Nimrod Industrial Estate, Nimrod Way, Reading, RG2 0EB Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	954	-	471634 172090
373	Contemporary Trade Directory Entries Name: Gardiner & Co Location: 21-23, Robert Cort Industrial Estate, Britten Road, Reading, RG2 0AU Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	959	-	471666 172084
373	Contemporary Trade Directory Entries Name: Britten Tyres Ltd Location: 15-17, Robert Cort Industrial Estate, Britten Road, Reading, RG2 0AU Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	971	-	471654 172072
373	Contemporary Trade Directory Entries Name: Britten Tyres Ltd Location: 15-17, Robert Cort Industrial Estate, Britten Road, Reading, RG2 0AU Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	971	-	471654 172072
373	Contemporary Trade Directory Entries Name: Dorsey Construction Materials Location: Unit 11, Nimrod Industrial Estate, Nimrod Way, Reading, RG2 0EB Classification: Builders' Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	973	-	471626 172071
373	Contemporary Trade Directory Entries Name: Wrc-Nsf Location: 25, Robert Cort Industrial Estate, Britten Road, Reading, RG2 0AU Classification: Laboratories Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	985	-	471674 172058
373	Contemporary Trade Directory Entries Name: Holt Broadcast Services Ltd Location: Unit 13, Nimrod Industrial Estate, Nimrod Way, Reading, RG2 0EB Classification: Metal Products - Fabricated Status: Active Positional Accuracy: Automatically positioned to the address	A3NW (S)	1000	-	471606 172045
374	Contemporary Trade Directory Entries Name: Top Class Executive Cars Location: 114-116, Chatham Street, Reading, RG1 7HT Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	951	-	470830 173555
374	Contemporary Trade Directory Entries Name: Luckey Tyres Centre Location: 114-116, Chatham Street, Reading, RG1 7HT Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	951	-	470830 173555
374	Contemporary Trade Directory Entries Name: Cab Caribbean Foods Location: Flat 1, 122, Chatham Street, Reading, RG1 7HT Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	972	-	470792 173529

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
374	Contemporary Trade Directory Entries Name: K R G Transport Ltd Location: 3, Malthouse Lane, Reading, RG1 7JA Classification: Stained Glass Designers & Producers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	988	-	470787 173556
374	Contemporary Trade Directory Entries Name: Leadcraft Stained Glass Studio Location: 3, Malthouse Lane, Reading, RG1 7JA Classification: Stained Glass Designers & Producers Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	988	-	470787 173556
375	Contemporary Trade Directory Entries Name: Maple Tree Clinic Location: Unit 6 & 7 ,Centurion Court,64 London Rd, Reading, Berkshire, RG1 5AS Classification: Hospitals Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SE (E)	953	-	472698 173052
376	Contemporary Trade Directory Entries Name: M & M Cleaning Services Location: A, 2, Basingstoke Road, Reading, Berkshire, RG2 0EL Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	970	-	472001 172128
377	Contemporary Trade Directory Entries Name: S E C Ltd Location: 55, Vastern Road, Reading, RG1 8BU Classification: Electricity Companies Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	974	-	471536 174089
378	Contemporary Trade Directory Entries Name: Bath Road Day Hospital Location: 5, Bath Road, Reading, RG1 6HH Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	975	-	470702 172851
379	Contemporary Trade Directory Entries Name: Cleaning Services Zuzana & Peter Location: 226, Elgar Road South, Reading, RG2 0BW Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	978	-	471514 172078
380	Contemporary Trade Directory Entries Name: Magnet Kitchens Reading Location: Rose Kiln Lane, Reading, Berkshire, RG2 0SN Classification: Kitchen Furniture Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (SW)	986	-	471137 172214
381	Contemporary Trade Directory Entries Name: B P Service Station Location: Tilehurst Road, Reading, Berkshire, RG1 7TW Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A11SE (W)	987	-	470665 173017
381	Contemporary Trade Directory Entries Name: Bp Location: 2, Tilehurst Road, Reading, RG1 7TW Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A11SE (W)	988	-	470665 173017
382	Contemporary Trade Directory Entries Name: Office World Location: 65, Caversham Road, Reading, RG1 8AD Classification: Office Furniture & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	989	-	471218 173984
382	Contemporary Trade Directory Entries Name: Office World Location: 65, Caversham Road, Reading, Berkshire, RG1 8AD Classification: Office Furniture & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	989	-	471218 173984

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
383	Fuel Station Entries Name: Mfg Reading Location: 69, London Road Watlington Street, , Reading, Reading, RG1 5BW Brand: Bp Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A14SW (E)	579	-	472319 173024
384	Fuel Station Entries Name: Save Reading Location: Berkeley Avenue , , Reading, Reading, RG1 6JS Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	731	-	471113 172570
385	Fuel Station Entries Name: Welldale Service Station Location: Chatham Street , , Reading, Reading, RG1 7JF Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	743	-	471025 173477
386	Fuel Station Entries Name: Berkeley Service Station Location: 10, Berkeley Avenue , , Reading, Reading, RG1 6JE Brand: ESSO Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	795	-	470987 172633
387	Fuel Station Entries Name: Kings Road Filling Station Location: 191, Kings Road , , Reading, Reading, RG1 4JL Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the address or location	A14NE (E)	862	-	472591 173280
388	Fuel Station Entries Name: Tilehurst Sf Connect Location: Tilehurst Road , , Reading, Reading, RG1 7TW Brand: BP Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A11SE (W)	987	-	470665 173017
389	Points of Interest - Commercial Services Name: Intascope Ltd Location: 54 London Street, Reading, RG1 4SQ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (E)	27	8	471772 173114
390	Points of Interest - Commercial Services Name: Pestuk Reading Location: 82 London Street, Reading, RG1 4SJ Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A13SE (SE)	96	8	471803 173021
391	Points of Interest - Commercial Services Name: Southampton Street Garage Location: 72a Southampton Street, Reading, RG1 2QR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (S)	175	8	471635 172872
391	Points of Interest - Commercial Services Name: Kevin Trayhorne Location: 70 Southampton Street, Reading, RG1 2QR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (S)	178	8	471626 172871
391	Points of Interest - Commercial Services Name: Kevin Trayhorne Location: 70 Southampton Street, Reading, RG1 2QR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (S)	178	8	471626 172871

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
391	Points of Interest - Commercial Services Name: 24-7 Car Keys Location: 59 Henry Street, Reading, RG1 2NW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (S)	236	8	471598 172819
392	Points of Interest - Commercial Services Name: The Car Wash Co Location: The Oracle, Bridge Street, Reading, RG1 2AH Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13NW (NW)	179	8	471574 173242
393	Points of Interest - Commercial Services Name: Shareplan Leaflet Distribution Location: 105 London Street, Reading, RG1 4QD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SE (SE)	187	8	471871 172960
393	Points of Interest - Commercial Services Name: Cargo On Hold Ltd Location: 105 London Street, Reading, RG1 4QD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SE (SE)	187	8	471871 172960
393	Points of Interest - Commercial Services Name: Crown Hand Car Wash Location: 6-8 Crown Street, Reading, RG1 2SE Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13SE (SE)	213	8	471837 172895
394	Points of Interest - Commercial Services Name: Reading Borough Council - Pest Control Location: Civic Offices, Bridge Street, Reading, RG1 2LU Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A13NW (W)	246	8	471417 173150
395	Points of Interest - Commercial Services Name: carvalet.co.uk Location: 41 Minster Street, Reading, RG1 2JB Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13NW (NW)	273	8	471545 173340
396	Points of Interest - Commercial Services Name: Norman Jordan Garage Location: 46 Market Place, Reading, RG1 2DT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (N)	294	8	471677 173423
397	Points of Interest - Commercial Services Name: Wildlife Control Services Ltd Location: 13 Upper Crown Street, Reading, RG1 2SS Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A13SE (S)	305	8	471806 172765
398	Points of Interest - Commercial Services Name: Pest Solutions Ltd Location: Davidson House, The Forbury, Reading, RG1 3EU Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A18SE (N)	343	8	471798 173471
399	Points of Interest - Commercial Services Name: Reading Pest Control Location: 1 Silver Street Flats, Silver Street, Reading, RG1 2TB Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A13SE (SE)	366	8	471928 172772
400	Points of Interest - Commercial Services Name: Chestermans Garage Location: 1a Chesterman Street, Reading, RG1 2PR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	415	8	471740 172633

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
400	Points of Interest - Commercial Services Name: Chestermans Garage Location: A 1 Chesterman Street, Reading, RG1 2PR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	416	8	471740 172633
400	Points of Interest - Commercial Services Name: Gemini Elite Autovaleting (UK) Ltd Location: 1 Short Street, Reading, RG1 2PS Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8NE (S)	435	8	471765 172617
401	Points of Interest - Commercial Services Name: Hand Car Wash Location: Kings Point 120, Kings Road, Reading, RG1 3DA Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14NW (NE)	487	8	472166 173357
402	Points of Interest - Commercial Services Name: 4 Bays Location: 50 Mount Pleasant, Reading, RG1 2TD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (SE)	529	8	471919 172571
402	Points of Interest - Commercial Services Name: 4 Bays Location: 50 Mount Pleasant, Reading, RG1 2TD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (SE)	530	8	471919 172570
403	Points of Interest - Commercial Services Name: Alb Trans International Ltd Location: 5-9 Berkeley Avenue, Reading, RG1 6EL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NW (SW)	555	8	471381 172571
403	Points of Interest - Commercial Services Name: Alb Transport International Ltd Location: 5-9 Berkeley Avenue, Reading, RG1 6EL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NW (SW)	555	8	471381 172571
404	Points of Interest - Commercial Services Name: Intercarabao Ltd Location: Aquis House 49-51, Blagrave Street, Reading, RG1 1PL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SW (N)	571	8	471571 173684
405	Points of Interest - Commercial Services Name: Car Wash Location: 69 London Road, Reading, RG1 5BW Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14SW (E)	578	8	472319 173024
405	Points of Interest - Commercial Services Name: Mfg Reading Location: 69 London Road, Reading, RG1 5BW Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14SW (E)	579	8	472319 173024
406	Points of Interest - Commercial Services Name: Car Cleaning Centre Location: 4 Kennet Street, Reading, RG1 4AA Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14NW (E)	617	8	472329 173310
407	Points of Interest - Commercial Services Name: Marine Ventures Ltd Location: Marven House 1, Field Road, Reading, RG1 6AP Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SW (W)	669	8	470990 172965

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
407	Points of Interest - Commercial Services Name: Marine Ventures Ltd Location: Marven House 1, Field Road, Reading, RG1 6AP Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SW (W)	669	8	470990 172965
408	Points of Interest - Commercial Services Name: W L M G Location: 25-27 Rose Kiln Lane, Reading, RG2 0JZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (SW)	720	8	471390 172381
409	Points of Interest - Commercial Services Name: Reading Pest Control Location: 9 Greyfriars Road, Reading, RG1 1NU Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A17SE (NW)	740	8	471244 173697
410	Points of Interest - Commercial Services Name: Q Tek Car Cleaning Centre Location: 14 Eldon Terrace, Reading, RG1 4DX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	777	8	472521 173163
411	Points of Interest - Commercial Services Name: Environment Agencies Oil Bank Line Location: Kings Meadow House, Kings Meadow Road, Reading, RG1 8DQ Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A18NE (N)	832	8	471859 173957
412	Points of Interest - Commercial Services Name: Autodex Location: 2 Elgar Estate, Preston Road, Reading, RG2 0BE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	845	8	471686 172198
412	Points of Interest - Commercial Services Name: Whites Location: 2 Elgar Estate, Preston Road, Reading, RG2 0BE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	845	8	471686 172198
412	Points of Interest - Commercial Services Name: Prestige Quality Repair Centre Location: 2 Preston Road, Reading, RG2 0BE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	845	8	471686 172198
413	Points of Interest - Commercial Services Name: National Tyres and Autocare Location: 45 Caversham Road, Reading, RG1 7BT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	850	8	471126 173746
413	Points of Interest - Commercial Services Name: Hiq Tyre Services Location: 45 Caversham Road, Reading, RG1 7BT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	850	8	471126 173746
414	Points of Interest - Commercial Services Name: Tamarisk Autos Location: 81 Russell Street, Reading, RG1 7XG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SW (W)	854	8	470798 173022
414	Points of Interest - Commercial Services Name: Tamarisk Autos Location: 81 Russell Street, Reading, RG1 7XG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SW (W)	854	8	470798 173022

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
414	Points of Interest - Commercial Services Name: Tyre Tech Location: 81 Russell Street, Reading, RG1 7XG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SW (W)	854	8	470798 173022
415	Points of Interest - Commercial Services Name: Motest Centre Location: 7 Weldale Street, Reading, RG1 7BX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	865	8	471044 173693
415	Points of Interest - Commercial Services Name: Motest (UK) Location: 7 Weldale Street, Reading, RG1 7BX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	865	8	471044 173693
415	Points of Interest - Commercial Services Name: Motest Reading Location: 7 Weldale Street, Reading, RG1 7BX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	865	8	471044 173693
415	Points of Interest - Commercial Services Name: Fenn Motor Works Ltd Location: 6-14 Weldale Street, Reading, RG1 7BX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	865	8	471044 173693
415	Points of Interest - Commercial Services Name: D R W Location: Unit C8 Weldale Street, Reading, RG1 7BX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	870	8	471019 173675
415	Points of Interest - Commercial Services Name: C T Autos Location: Unit B10, Great Knollys Street, Reading, RG1 7HN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	882	8	471039 173712
415	Points of Interest - Commercial Services Name: C T Autos Ltd Location: Unit B10, Great Knollys Street, Reading, Berkshire, RG1 7HN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	883	8	471038 173712
415	Points of Interest - Commercial Services Name: Baltech Motorcycle Repairs Location: Unit B11, Great Knollys Street, Reading, RG1 7HN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	885	8	471034 173711
415	Points of Interest - Commercial Services Name: A & T Auto Location: Unit B6, Great Knollys Street, Reading, RG1 7HN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	907	8	471037 173745
415	Points of Interest - Commercial Services Name: R T Holder Location: Unit B6, Great Knollys Street, Reading, RG1 7HN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	908	8	471037 173746
415	Points of Interest - Commercial Services Name: R T Holder Location: Unit B6, Great Knollys Street, Reading, RG1 7HN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	908	8	471037 173746

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
415	Points of Interest - Commercial Services Name: C N R Autos Location: Unit B6, Great Knollys Street, Reading, RG1 7HN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	908	8	471037 173746
415	Points of Interest - Commercial Services Name: S & J Autos Location: Unit B5, Great Knollys Street, Reading, RG1 7HN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	912	8	471007 173722
415	Points of Interest - Commercial Services Name: M & J Reboring Location: Unit B5, Great Knollys Street, Reading, RG1 7HN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	912	8	471007 173722
415	Points of Interest - Commercial Services Name: M & J Reboring Location: Unit B5, Great Knollys Street, Reading, RG1 7HN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	912	8	471007 173722
415	Points of Interest - Commercial Services Name: A & M Motors Location: Unit B4, Great Knollys Street, Reading, RG1 7HN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	916	8	471006 173727
415	Points of Interest - Commercial Services Name: T L Repairs Location: B/4 Unit, Great Knollys Street, Reading, RG1 7HN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	916	8	471007 173728
415	Points of Interest - Commercial Services Name: Grants Autos Location: Unit B2, Great Knollys Street, Reading, RG1 7HN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	923	8	471005 173737
415	Points of Interest - Commercial Services Name: Grants Autos Location: Unit B2, Great Knollys Street, Reading, RG1 7HN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	923	8	471005 173737
415	Points of Interest - Commercial Services Name: Swains Automotive Location: Unit B1, Great Knollys Street, Reading, RG1 7HN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	928	8	471004 173742
415	Points of Interest - Commercial Services Name: Swains Automotive Location: Unit B1, Great Knollys Street, Reading, RG1 7HN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	928	8	471003 173741
416	Points of Interest - Commercial Services Name: Abbey Pest Control Location: Epping House, 55, Russell Street, Reading, RG1 7XG Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A12NW (W)	874	8	470778 173127
417	Points of Interest - Commercial Services Name: M S B Autos Location: 114-116 Oxford Road, Reading, RG1 7NE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	876	8	470840 173406

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
417	Points of Interest - Commercial Services Name: M S B Autos Location: 114b Oxford Road, Reading, RG1 7NE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	876	8	470840 173406
418	Points of Interest - Commercial Services Name: J White Location: Unit 5 Nimrod Industrial Estate, Nimrod Way, Reading, RG2 0EB Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A8SW (S)	900	8	471596 172146
419	Points of Interest - Commercial Services Name: R A Engineering Location: Unit 12/14, North Street, Reading, RG1 7DA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	903	8	470958 173655
419	Points of Interest - Commercial Services Name: R A Engineering Location: Unit 12-14, North Street, Reading, RG1 7DA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	906	8	470957 173658
419	Points of Interest - Commercial Services Name: Three D Transmissions Ltd Location: Unit 3A, Great Knollys Street, Reading, RG1 7HN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	950	8	470951 173718
420	Points of Interest - Commercial Services Name: P M G Autos Ltd Location: 21-23 Britten Road, Robert Cort Industrial Estate, Reading, RG2 0AU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	955	8	471676 172088
420	Points of Interest - Commercial Services Name: Gardiner & Co Location: 21-23 Robert Cort Industrial Estate, Britten Road, Reading, RG2 0AU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	959	8	471666 172084
420	Points of Interest - Commercial Services Name: Gardiner & Co Location: 21-23 Robert Cort Industrial Estate, Britten Road, Reading, RG2 0AU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	959	8	471666 172084
420	Points of Interest - Commercial Services Name: Britton Autos Location: 15-17 Robert Cort Industrial Estate, Britten Road, Reading, RG2 0AU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A3NW (S)	971	8	471654 172072
420	Points of Interest - Commercial Services Name: Britten Autos Location: 15 Britten Road, Reading, RG2 0AU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A3NW (S)	972	8	471653 172071
420	Points of Interest - Commercial Services Name: Holt Broadcast Services Ltd Location: Unit 13 Nimrod Industrial Estate, Nimrod Way, Reading, RG2 0EB Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A3NW (S)	1000	8	471606 172045
420	Points of Interest - Commercial Services Name: Holt Broadcast Services Location: Unit 13 Nimrod Industrial Estate, Nimrod Way, Reading, RG2 0EB Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A3NW (S)	1000	8	471606 172045

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
421	Points of Interest - Commercial Services Name: Tilehurst Sf Connect Location: Tilehurst, Road, Reading, RG1 7TW Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A12SW (W)	966	8	470688 172995
421	Points of Interest - Commercial Services Name: B P Car Wash Location: Tilehurst Road, Reading, RG1 7TW Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A12SW (W)	966	8	470688 172995
421	Points of Interest - Commercial Services Name: Car Wash Location: Tilehurst Road, Reading, Berkshire, RG1 7TW Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A11SE (W)	987	8	470665 173017
422	Points of Interest - Education and Health Name: Care (UK) Location: 57 Kings Road, Reading, RG1 3DD Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A13NE (NE)	406	8	472032 173407
423	Points of Interest - Education and Health Name: Royal Berkshire Hospital Location: London Road, Reading, RG1 5AN Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A14SE (E)	680	8	472411 172962
423	Points of Interest - Education and Health Name: Royal Berkshire Hospital Location: London Road, Reading, RG1 5AN Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A14SE (E)	719	8	472458 173005
423	Points of Interest - Education and Health Name: Royal Berkshire Hospital Location: London Road, Reading, RG1 5AN Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A14SE (E)	719	8	472458 173005
423	Points of Interest - Education and Health Name: Royal Berkshire Hospital Location: London Road, Reading, RG1 5AN Category: Health Practitioners and Establishments Class Code: Accident & Emergency Department Positional Accuracy: Positioned to address or location	A14SE (E)	719	8	472458 173005
424	Points of Interest - Education and Health Name: Royal Berkshire Hospital Location: London Road, Reading, RG1 5AN Category: Health Practitioners and Establishments Class Code: Accident & Emergency Department Positional Accuracy: Positioned to address or location	A14SE (E)	864	8	472540 172761
425	Points of Interest - Education and Health Name: Maple Tree Clinic Location: Unit 6 & 7 , Centurion Court, 64 London Rd, Reading, Berkshire, RG1 5AS Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A14SE (E)	953	8	472698 173052
425	Points of Interest - Education and Health Name: BUPA Wellness Clinic Location: 64 London Road, Reading, RG1 5AS Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A14SE (E)	954	8	472699 173053

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
426	Points of Interest - Education and Health Name: Day Hospital for the Elderly Location: 5 Bath Road, Reading, RG1 6HH Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A12SW (W)	975	8	470702 172851
427	Points of Interest - Manufacturing and Production Name: City Gate Business Centre Location: 95-107 Southampton Street, Reading, RG1 2QU Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A13SE (S)	291	8	471752 172762
427	Points of Interest - Manufacturing and Production Name: Johnsons Solicitors Location: City Gate 95-107, Southampton Street, Reading, RG1 2QW Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A13SE (S)	292	8	471752 172761
428	Points of Interest - Manufacturing and Production Name: Business Environment Group Ltd Location: Soane Point, 6-8 Market Pl, Reading, Berkshire, RG1 2EG Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A18SE (N)	328	8	471721 173462
428	Points of Interest - Manufacturing and Production Name: Business Environment Group Ltd Location: Soane Point, 6-8 Market Place, Reading, RG1 2EG Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A18SE (N)	328	8	471721 173462
428	Points of Interest - Manufacturing and Production Name: Regus Location: Davidson House, Forbury Aquare, Reading, RG1 5EU Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A18SE (N)	342	8	471798 173470
428	Points of Interest - Manufacturing and Production Name: Forewind Ltd Location: Davidson House, The Forbury, Reading, RG1 3EU Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to address or location	A18SE (N)	343	8	471798 173471
429	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	334	8	471893 172784
429	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	354	8	471892 172759
430	Points of Interest - Manufacturing and Production Name: Tank Location: RG1 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	343	8	471322 173172
431	Points of Interest - Manufacturing and Production Name: Tank Location: RG1 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	367	8	472106 173035
432	Points of Interest - Manufacturing and Production Name: Q V Offices Location: 25-27 Queen Victoria Street, Reading, RG1 1SY Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A18SW (NW)	430	8	471500 173501

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
433	Points of Interest - Manufacturing and Production Name: Tank Location: RG1 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	461	8	472172 173285
434	Points of Interest - Manufacturing and Production Name: Tank Location: RG2 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	502	8	471403 172619
434	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	580	8	471379 172543
434	Points of Interest - Manufacturing and Production Name: Works Location: RG2 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	580	8	471379 172543
434	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	625	8	471384 172488
435	Points of Interest - Manufacturing and Production Name: Works Location: 1a Merchants Place, Reading, RG1 1DT Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A18SW (NW)	561	8	471441 173618
436	Points of Interest - Manufacturing and Production Name: Reading Business Centre Location: Fountain House 2, Queens Walk, Reading, RG1 7QF Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A12NE (NW)	561	8	471154 173335
437	Points of Interest - Manufacturing and Production Name: Tank Location: RG1 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	571	8	471550 172485
438	Points of Interest - Manufacturing and Production Name: Tank Location: RG1 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	637	8	472185 172639
439	Points of Interest - Manufacturing and Production Name: Apex Plaza Location: Forbury Road, Reading, RG1 1AX Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A18NW (N)	641	8	471676 173773
440	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	688	8	470963 173103
441	Points of Interest - Manufacturing and Production Name: Tank Location: RG1 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	792	8	472440 173491

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
441	Points of Interest - Manufacturing and Production Name: Tanks Location: RG1 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	794	8	472430 173515
441	Points of Interest - Manufacturing and Production Name: Tank Location: RG1 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	848	8	472495 173506
442	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	820	8	470832 173127
442	Points of Interest - Manufacturing and Production Name: Works Location: RG1 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	820	8	470832 173127
443	Points of Interest - Manufacturing and Production Name: Surface Co Location: 5 Preston Road, Reading, RG2 0BE Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A8SW (S)	874	8	471620 172171
444	Points of Interest - Manufacturing and Production Name: Tank Location: RG1 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	885	8	472513 173553
445	Points of Interest - Manufacturing and Production Name: Tank Location: RG1 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	947	8	472493 173697
445	Points of Interest - Manufacturing and Production Name: Air Shaft Location: RG1 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	961	8	472461 173760
445	Points of Interest - Manufacturing and Production Name: Air Shaft Location: RG1 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	972	8	472482 173752
445	Points of Interest - Manufacturing and Production Name: Air Shaft Location: RG1 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	978	8	472483 173761
445	Points of Interest - Manufacturing and Production Name: Air Shaft Location: RG1 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	979	8	472482 173763
445	Points of Interest - Manufacturing and Production Name: Air Shaft Location: RG1 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A19NE (NE)	987	8	472483 173775

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
446	Points of Interest - Manufacturing and Production Name: Industrial Estate Location: RG2 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	969	8	471284 172155
446	Points of Interest - Manufacturing and Production Name: Tank Location: RG2 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	977	8	471294 172142
447	Points of Interest - Manufacturing and Production Name: Classic Quartz Stone Location: Unit 7 Nimrod Industrial Estate, Nimrod Way, Reading, RG2 0EB Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A3NW (S)	998	8	471588 172049
448	Points of Interest - Public Infrastructure Name: Sluices Location: RG1 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	169	8	471495 173007
448	Points of Interest - Public Infrastructure Name: Sluices Location: RG1 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	169	8	471495 173007
448	Points of Interest - Public Infrastructure Name: Weir Location: RG1 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	247	8	471419 172987
448	Points of Interest - Public Infrastructure Name: Weir Location: RG1 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	251	8	471414 172988
449	Points of Interest - Public Infrastructure Name: Thames Valley Police Location: Castle Street, Reading, RG1 7TH Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A12NE (W)	454	8	471205 173158
449	Points of Interest - Public Infrastructure Name: Thames Valley Police Location: Castle Street, Reading, RG1 7TH Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A12NE (W)	454	8	471205 173158
449	Points of Interest - Public Infrastructure Name: Reading Police Station Location: Castle Street, Reading, RG1 7TH Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A12NE (W)	454	8	471205 173158
450	Points of Interest - Public Infrastructure Name: BP Service Station Location: 69 London Road, Reading, RG1 5BW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SW (E)	578	8	472318 173024
450	Points of Interest - Public Infrastructure Name: Reading Murco Service Station Location: 69 London Road, Reading, RG1 5BW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SW (E)	578	8	472319 173024

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
450	Points of Interest - Public Infrastructure Name: Mfg Reading Location: 69 London Road, Reading, RG1 5BW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SW (E)	579	8	472319 173024
451	Points of Interest - Public Infrastructure Name: Weir Location: RG1 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	704	8	471350 172417
451	Points of Interest - Public Infrastructure Name: Weir Location: RG1 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	705	8	471347 172417
451	Points of Interest - Public Infrastructure Name: Sluice Location: RG1 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	720	8	471334 172408
451	Points of Interest - Public Infrastructure Name: Sluice Location: RG1 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	722	8	471331 172407
452	Points of Interest - Public Infrastructure Name: Bus Station Location: RG1 Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	720	8	471333 173738
453	Points of Interest - Public Infrastructure Name: Railair Location: Station Approach, Reading, RG1 1LZ Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A18NW (N)	731	8	471539 173841
453	Points of Interest - Public Infrastructure Name: British Transport Police Location: Brunel Arcade, Station Approach, Reading, RG1 1LT Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A18NW (N)	731	8	471539 173841
453	Points of Interest - Public Infrastructure Name: British Transport Police Location: Brunel Arcade, Station Approach, Reading, RG1 1LT Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A18NW (N)	731	8	471539 173841
453	Points of Interest - Public Infrastructure Name: Railair Reading Location: Station Approach, Reading, RG1 1LZ Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A18NW (N)	731	8	471539 173841
453	Points of Interest - Public Infrastructure Name: Reading Rail Station Location: Station Hill, RG1 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A18NW (N)	771	8	471438 173850
453	Points of Interest - Public Infrastructure Name: Reading Rail Station Location: Station Hill, RG1 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A18NW (N)	771	8	471438 173850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
453	Points of Interest - Public Infrastructure Name: Reading Station Location: Station Hill, RG1 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A18NW (N)	771	8	471438 173850
454	Points of Interest - Public Infrastructure Name: Esso Location: Service Station 10, Berkeley Avenue, Reading, RG1 6JE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NW (SW)	794	8	470988 172634
454	Points of Interest - Public Infrastructure Name: Berkeley Service Station Location: Service Station 10, Berkeley Avenue, Reading, RG1 6JE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NW (SW)	794	8	470988 172634
454	Points of Interest - Public Infrastructure Name: Esso Location: Service Station 10, Berkeley Avenue, Reading, RG1 6JE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NW (SW)	795	8	470987 172633
454	Points of Interest - Public Infrastructure Name: Berkeley Service Station Location: Service Station, 10, Berkeley Avenue, Reading, RG1 6JE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NW (SW)	795	8	470987 172633
455	Points of Interest - Public Infrastructure Name: Sluices Location: RG1 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	841	8	472505 173471
455	Points of Interest - Public Infrastructure Name: Sluice Location: RG1 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	854	8	472518 173474
455	Points of Interest - Public Infrastructure Name: Weir Location: RG1 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	879	8	472549 173465
455	Points of Interest - Public Infrastructure Name: Weir Location: RG1 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	880	8	472553 173460
456	Points of Interest - Public Infrastructure Name: C J Lawrence Ltd Location: 27 Eldon Terrace, Reading, RG1 4DX Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A14NE (E)	895	8	472638 173179
457	Points of Interest - Public Infrastructure Name: Caversham Road Fire Station Location: Caversham Road, Reading, RG1 8AA Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A17NE (NW)	973	8	471203 173955
458	Points of Interest - Public Infrastructure Name: Weir Location: RG1 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	974	8	471985 174075

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
459	Points of Interest - Public Infrastructure Name: BP Connect Location: Tilehurst Road, Reading, RG1 7TW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A11SE (W)	987	8	470665 173017
459	Points of Interest - Public Infrastructure Name: BP Service Station Location: Tilehurst Road, Reading, RG1 7TW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A11SE (W)	987	8	470665 173017
459	Points of Interest - Public Infrastructure Name: BP Service Station Location: Tilehurst Road Service Station, Tilehurst Road, Reading, RG1 7TW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A11SE (W)	987	8	470665 173017
459	Points of Interest - Public Infrastructure Name: Tilehurst Sf Connect Location: Tilehurst, Road, Reading, RG1 7TW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A11SE (W)	987	8	470665 173017
459	Points of Interest - Public Infrastructure Name: BP Express Shopping Location: 2 Tilehurst Road, Reading, RG1 7TW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A11SE (W)	988	8	470665 173017
459	Points of Interest - Public Infrastructure Name: BP Location: 2 Tilehurst Road, Reading, RG1 7TW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A11SE (W)	988	8	470665 173017
459	Points of Interest - Public Infrastructure Name: Tilehurst Sf Connect Location: 2 Tilehurst Road, Reading, RG1 7TW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A11SE (W)	988	8	470665 173017
460	Points of Interest - Recreational and Environmental Name: Play Area Location: RG1 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SE (S)	115	8	471736 172942
461	Points of Interest - Recreational and Environmental Name: Play Area Location: Bourne-Stevens Close, RG1 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A13NE (E)	179	8	471916 173165
461	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NE (E)	180	8	471916 173166
462	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	644	8	471095 172745
462	Points of Interest - Recreational and Environmental Name: Playground Location: Dover Street, RG1 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A7NE (SW)	644	8	471095 172746

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
463	Points of Interest - Recreational and Environmental Name: Play Area Location: RG1 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	650	8	471235 172561
464	Points of Interest - Recreational and Environmental Name: Play Area Location: RG1 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	666	8	472357 173372
464	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	666	8	472358 173371
465	Points of Interest - Recreational and Environmental Name: Play Area Location: RG2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	782	8	471875 172286
466	Points of Interest - Recreational and Environmental Name: Play Area Location: RG2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	800	8	471701 172243
467	Points of Interest - Recreational and Environmental Name: Play Area Location: RG1 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	858	8	472112 173904
468	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	889	8	471107 172356
468	Points of Interest - Recreational and Environmental Name: Playground Location: St Saviour'S Road, RG1 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A7SE (SW)	896	8	471100 172353
469	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	952	8	471438 172120
469	Points of Interest - Recreational and Environmental Name: Play Area Location: Park View, RG2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	952	8	471438 172120
470	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19SE (E)	976	8	472657 173458
470	Points of Interest - Recreational and Environmental Name: Play Area Location: Anglers Way, RG1 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A19SE (E)	977	8	472658 173458

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
470	Points of Interest - Recreational and Environmental Name: Play Area Location: RG1 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	996	8	472691 173421

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
471	Nitrate Vulnerable Zones Name: Thames Wallingford To Caversham Nvz Description: Surface Water Source: Environment Agency, Head Office	A18SW (N)	545	4	471550 173650

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Wokingham District Council - Environmental Health Department West Berkshire Council - Environmental Health Department Environment Agency - Head Office Reading Borough Council - Environmental Health Department South Oxfordshire District Council - Environmental Health Department	February 2013 November 2014 November 2023 October 2017 October 2017	Annual Rolling Update Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Thames Region	April 2024	Quarterly
Enforcement and Prohibition Notices Environment Agency - Thames Region	March 2013	
Integrated Pollution Controls Environment Agency - Thames Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region	October 2023 October 2023	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control South Oxfordshire District Council - Environmental Health Department Wokingham District Council - Environmental Health Department West Berkshire Council - Environmental Health Department Reading Borough Council - Environmental Health Department	June 2014 June 2014 June 2015 October 2014	Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls South Oxfordshire District Council - Environmental Health Department Wokingham District Council - Environmental Health Department West Berkshire Council - Environmental Health Department Reading Borough Council - Environmental Health Department	December 2020 June 2014 June 2015 October 2014	Annual Rolling Update Not Applicable Not Applicable Not Applicable
Local Authority Pollution Prevention and Control Enforcements South Oxfordshire District Council - Environmental Health Department Wokingham District Council - Environmental Health Department West Berkshire Council - Environmental Health Department Reading Borough Council - Environmental Health Department	June 2014 June 2014 June 2015 October 2014	Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	March 2024	
Pollution Incidents to Controlled Waters Environment Agency - Thames Region	September 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Thames Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Thames Region	March 2013	
Registered Radioactive Substances Environment Agency - Thames Region Environment Agency - Head Office	June 2016 May 2023	As notified Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - South East Area Environment Agency - Thames Region - West Area	April 2024 April 2024 April 2024	Quarterly Quarterly Quarterly

Agency & Hydrological	Version	Update Cycle
Water Abstractions Environment Agency - Thames Region	April 2024	Quarterly
Water Industry Act Referrals Environment Agency - Thames Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	January 2024	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	Quarterly
OS Water Network Lines Ordnance Survey	April 2024	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	May 2024	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Thames Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - South East Area Environment Agency - Thames Region - West Area	May 2024 May 2024 May 2024	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - South East Area Environment Agency - Thames Region - West Area	January 2023 January 2023 January 2023	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Oxfordshire County Council Reading Borough Council - Planning South Oxfordshire District Council - Environmental Health Department West Berkshire Council - Environmental Health Department Wokingham District Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Oxfordshire County Council Reading Borough Council - Planning South Oxfordshire District Council - Environmental Health Department West Berkshire Council - Environmental Health Department Wokingham District Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - Thames Region - South East Area Environment Agency - Thames Region - West Area	March 2006 March 2006	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Thames Region - South East Area Environment Agency - Thames Region - West Area	April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Thames Region - South East Area Environment Agency - Thames Region - West Area	June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2024	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Oxfordshire County Council Wokingham District Council West Berkshire Council Reading Borough Council - Planning South Oxfordshire District Council - Planning Department (West)	January 2023 July 2023 June 2023 May 2023 September 2023	Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents South Oxfordshire District Council - Planning Department (West) West Berkshire Council Wokingham District Council Oxfordshire County Council Reading Borough Council - Planning	February 2016 February 2016 February 2016 January 2023 May 2016	Variable Variable Variable Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	January 2024	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	October 2023	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	October 2023	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2024	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2024	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	March 2024	Quarterly
Points of Interest - Education and Health PointX	March 2024	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2024	Quarterly
Points of Interest - Public Infrastructure PointX	March 2024	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2024	Quarterly
Underground Electrical Cables National Grid	January 2024	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2024	Bi-Annually
Areas of Adopted Green Belt Reading Borough Council South Oxfordshire District Council West Berkshire Council Wokingham District Council	February 2024 February 2024 February 2024 February 2024	Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Reading Borough Council South Oxfordshire District Council West Berkshire Council Wokingham District Council	February 2024 February 2024 February 2024 February 2024	Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	May 2024	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	February 2024	Bi-Annually
Marine Nature Reserves Natural England	February 2024	Bi-Annually
National Nature Reserves Natural England	February 2024	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 April 2024	Bi-Annually
Ramsar Sites Natural England	February 2024	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2024	Bi-Annually
Special Areas of Conservation Natural England	April 2024	Bi-Annually
Special Protection Areas Natural England	April 2024	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Reading Borough Council - Environmental Health Department Civic Centre, Reading, Hampshire, RG1 7DT	Telephone: 0118 939 9099 Fax: 0118 958 9770 Website: www.reading.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Reading Borough Council - Planning Civic Centre, READING, Hampshire, RG1 7TD	Telephone: 0118 939 0900 Fax: 0118 958 9770 Website: www.reading.gov.uk
7	Stantec UK Ltd Caversham Bridge House, Waterman Place, Reading, RG1 8DN	Telephone: 0118 950 0761 Email: pba.reading@stantec.com Website: www.stantec.com
8	PointX 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.

APPENDIX 3 BOREHOLE LOGS



Ramboll UK Ltd
240 Blackfriars Road,
London, SE1 8NW, United Kingdom

Borehole Drilling Log

Project Name: Mill Lane, Reading				Client: Watkin Jones PLC				Date: 08/12/2021 - 09/12/2021			
Location: Mill Lane, Reading				Contractor: Borehole Solutions & Dynamic Sampling				Co-ords: E471672.26 N173063.02			
Project No. : 1620013209				Crew Name: Borehole Solutions				Drilling Equipment:			
Borehole Number BH01		Hole Type CP		Ground Level 39.50m AoD		Logged By RH		Scale 1:50		Page Number 2 of 3	

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m AoD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		10.50 - 10.60	D	N=44 (6,8/8,11,13,12)				Structureless chalk composed creamy white silty sub-rounded to angular GRAVEL. Gravel is weak to medium strength, low density, white with occasional brown, orange, and black colouring. Gravels of flint are fine to coarse sub-angular to very angular. Occasional cobbles of flint present. Strong hydrocarbon (diesel) odour from approximately 3.5 m to 9.50 m.	11
		11.00 - 11.45	D						
		11.00	SPT						
			12.00 - 12.10	D	N=50 (6,9/11,14,15,10)				12
		12.00	D						
		12.50 - 12.95	D						
			12.50	SPT	50 (6,11/50 for 225mm)	14.00	25.50		14
		13.50 - 13.60	D						
		14.00 - 14.45	D						
			14.00	SPT	50 (7,11/50 for 225mm)	15.00	24.50		15
		15.00 - 15.10	D						
		15.00	D						
		15.50 - 15.95	D	58 (9,13/58 for 225mm)	17.00	22.50		17	
	15.50	SPT							
	16.50 - 16.60	D							
		17.00 - 17.45	D	50 (9,13/50 for 225mm)	18.00	21.50		18	
	17.00	D							
	17.00	SPT							
		18.00 - 18.10	D					19	
	18.50 - 18.95	D							
	18.50	SPT							
		19.50 - 19.60	D		20.00	19.50		20	
	19.50	D							
		20.00 - 20.45	D						

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks



RAMBOLL Ramboll UK Ltd 240 Blackfriars Road, London, SE1 8NW, United Kingdom				Borehole Drilling Log							
Project Name: Mill Lane, Reading				Client: Watkin Jones PLC				Date: 08/12/2021 - 09/12/2021			
Location: Mill Lane, Reading				Contractor: Borehole Solutions & Dynamic Sampling				Co-ords: E471672.26 N173063.02			
Project No. : 1620013209				Crew Name: Borehole Solutions				Drilling Equipment:			
Borehole Number BH01		Hole Type CP		Ground Level 39.50m AoD		Logged By RH		Scale 1:50		Page Number 3 of 3	
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m AoD)	Legend	Stratum Description			
		Depth (m)	Type	Results							
		20.00	SPT	50 (11,14/50 for 150mm)				End of Borehole at 20.000m			
										21	
										22	
										23	
										24	
										25	
										26	
										27	
										28	
										29	
										30	
Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation
Remarks										AGS	



Ramboll UK Ltd
240 Blackfriars Road,
London, SE1 8NW, United Kingdom

Borehole Drilling Log

Project Name: Mill Lane, Reading

Client: Watkin Jones PLC

Date: 06/12/2021 - 07/12/2021

Location: Mill Lane, Reading

Contractor: Borehole Solutions & Dynamic Sampling

Co-ords: E471717.66 N173112.78

Project No. : 1620013209

Crew Name: Borehole Solutions

Drilling Equipment:

Borehole Number
BH02

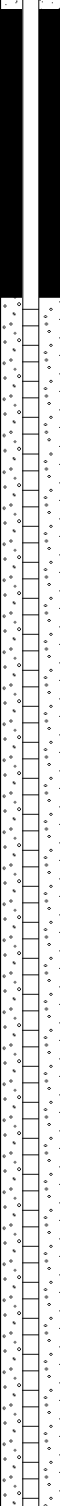
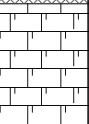
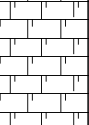
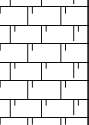
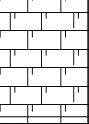
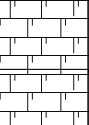
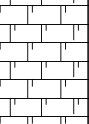
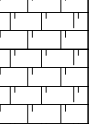
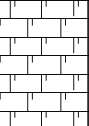
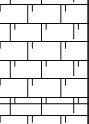
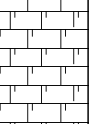
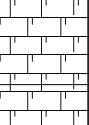
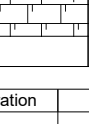
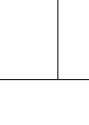
Hole Type
CP

Ground Level
38.84m AoD

Logged By
RH / RR

Scale
1:50

Page Number
1 of 3

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m AoD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.24	38.60		Concrete slab [MADE GROUND]	
		0.50 0.50 - 0.60	D D		0.80	38.04		Cream and greyish brown fine to coarse sub-rounded to angular GRAVEL of flint and chalk. [Potential MADE GROUND]	
		1.20 - 1.65 1.20	D SPT	N=32 (4,6/8,8,9,7)				Structureless chalk composed of creamy white slightly gravelly SILT. Gravel is weak-medium strength, low density, white with frequent brown specks and sub-rounded to angular. Gravels of flint are fine to coarses, sub-angular to very angular.	1
		2.00 2.00 - 2.45 2.00	D D SPT	N=16 (5,5/5,4,4,3)					2
		3.00 - 3.45 3.00	D SPT	N=13 (3,4/3,4,3,3)					3
		4.00 4.00 - 4.45 4.00	D D SPT	N=20 (3,4/5,5,5,5)	4.00	34.84		Structureless chalk composed of creamy white very silty sub-rounded to angular GRAVEL. Gravel is medium strength, low density, white with frequent brown specks. Gravels of flint are fine to coarse, sub-rounded to very angular.	4
					4.50	34.34		Structureless chalk composed of creamy white slightly gravelly SILT. Gravel is weak-medium strength, low density, white with frequent brown specks and sub-rounded to angular. Gravels of flint are fine to coarse, sub-angular to very angular.	5
		5.00 - 5.45 5.00	D SPT	N=18 (3,4/4,5,5,4)					
		6.00 - 6.10	D		6.00	32.84		Structureless chalk composed of creamy white silty sub-rounded to angular GRAVEL. Gravel is medium strength, low density, creamy white with frequent brown specks. Flint gravels are fine to coarse sub-angular to very angular.	6
		6.50 - 6.95 6.50	D SPT	N=23 (3,4/5,5,7,6)					7
		7.50 - 7.60	D						
		8.00 8.00 - 8.45 8.00	D D SPT	N=29 (4,5/6,6,8,9)	8.00	30.84		Structureless chalk composed of creamy white mottled light brown slightly gravelly SILT. Gravel is weak to medium strength, low density, creamy white with brown specks, sub-rounded to sub-angular. Gravels of flint are fine and angular.	8
		8.50 - 9.00	B						9
		9.00	B						
		9.50 - 9.95 9.50	D SPT	N=34 (4,4/7,7,9,11)	9.50	29.34		Structureless chalk composed of creamy white mottled light brown slightly gravelly SILT. Gravel is weak to medium strength, low density, creamy white	10

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks



 Ramboll UK Ltd 240 Blackfriars Road, London, SE1 8NW, United Kingdom				Borehole Drilling Log							
Project Name: Mill Lane, Reading				Client: Watkin Jones PLC				Date: 06/12/2021 - 07/12/2021			
Location: Mill Lane, Reading				Contractor: Borehole Solutions & Dynamic Sampling				Co-ords: E471717.66 N173112.78			
Project No. : 1620013209				Crew Name: Borehole Solutions				Drilling Equipment:			
Borehole Number BH02		Hole Type CP		Ground Level 38.84m AoD		Logged By RH / RR		Scale 1:50		Page Number 2 of 3	

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m AoD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		10.50 10.50 - 11.00	B B	N=50 (4,7/8,8,18,16)	11.00	27.84		Structureless chalk composed of creamy white mottled light brown slightly gravelly SILT. Gravel is weak to medium strength, low density, creamy white with brown specks, sub-rounded to sub-angular. Gravels of flint are fine to coarse, angular to very angular angular.	11
		11.00 - 11.45 11.00	D SPT						
		12.00 12.00 - 12.10	D D	N=50 (4,11/11,17,17,5)	13.50	25.34		Structureless chalk composed creamy white silty sub-rounded to angular GRAVEL. Gravel is weak to medium strength, low density, white with brown specks. Flint gravels are fine to coarse, sub-angular to very angular. From 19.50 m the flint gravels are predominantly fine to medium size.	12
		12.50 - 12.95 12.50	D SPT						
		13.50 13.50 - 13.60	D D	N=50 (8,11/13,17,19,1)	17.00				13
		14.00 - 14.45 14.00	D SPT						
		15.00 - 15.10	D	50 (8,9/50 for 225mm)					14
		15.50 15.50 - 15.95 15.50	D D SPT						
		16.50 - 16.60	D	50 (8,12/50 for 225mm)					15
		17.00 - 17.45 17.00	D SPT						
		18.00 - 18.10	D	50 (11,13/50 for 225mm)					16
		18.50 18.50 - 18.95 18.50	D D SPT						
	19.50 - 19.60	D						17	
	20.00 - 20.27	D							
					20.00	18.84			18
									19
									20

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

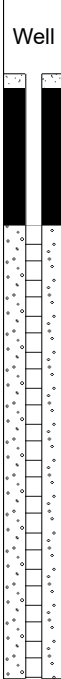
Remarks



 Ramboll UK Ltd 240 Blackfriars Road, London, SE1 8NW, United Kingdom				Borehole Drilling Log							
Project Name: Mill Lane, Reading				Client: Watkin Jones PLC				Date: 06/12/2021 - 07/12/2021			
Location: Mill Lane, Reading				Contractor: Borehole Solutions & Dynamic Sampling				Co-ords: E471717.66 N173112.78			
Project No. : 1620013209				Crew Name: Borehole Solutions				Drilling Equipment:			
Borehole Number BH02		Hole Type CP		Ground Level 38.84m AoD		Logged By RH / RR		Scale 1:50		Page Number 3 of 3	
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m AoD)	Legend	Stratum Description			
		Depth (m)	Type	Results							
		20.00	SPT	50 (9,14/50 for 150mm)				End of Borehole at 20.000m			
										21	
										22	
										23	
										24	
										25	
										26	
										27	
										28	
										29	
										30	
Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation
Remarks											

Ramboll UK Ltd 240 Blackfriars Road, London, SE1 8NW, United Kingdom				Borehole Drilling Log							
Project Name: Mill Lane, Reading				Client: Watkin Jones PLC				Date: 13/12/2021			
Location: Mill Lane, Reading				Contractor: Borehole Solutions & Dynamic Sampling				Co-ords: E471662.33 N173056.89			
Project No. : 1620013209				Crew Name: Dynamic Sampling				Drilling Equipment:			
Borehole Number WS03		Hole Type WLS		Ground Level 39.50m AoD		Logged By RR		Scale 1:50		Page Number 1 of 1	
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m AoD)	Legend	Stratum Description			
		Depth (m)	Type	Results							
					0.05	39.45		MADE GROUND: Tarmacadam hardstanding.			
		0.50	ES		0.80	38.70		MADE GROUND: Light brown with occasional grey and red clayey sandy angular to sub-angular fine to coarse GRAVEL of brick and flint. Occasional cobbles of brick. Rare fragments of pottery, metal and plastic.			
		0.50	PID	PID=0.1			MADE GROUND: Dark grey with occasional red and cream very gravelly fine to coarse SAND. Gravel is angular to sub-rounded fine to medium occasionally coarse of ash, brick, sandstone, rare charcoal, bitumen, pottery, plastic and clinker.				
		1.00	ES	N=8 (2,2/2,2,2,2)	1.40	38.10	MADE GROUND: Dark reddish brown slightly clayey gravelly fine to coarse SAND. Gravel is angular to sub-angular fine to coarse of flint and chalk.				
		1.00	SPT	PID=0.2							
		1.25	PID	PID=0.0	2.80	36.70	Light brown very sandy angular to sub-angular fine to medium GRAVEL of flint and occasional chalk. Sand is fine to coarse.				
		1.70	PID	N=8 (2,2/2,2,2,2)			Structureless chalk composed creamy white silty sub-rounded to angular GRAVEL. Gravel is weak to medium strength, low density, white with occasional brown, orange, and black colouring. Gravels of flint are fine to coarse sub-angular to very angular.				
		2.00	SPT	N=16 (4,4/4,4,4,4)	3.20	36.30	End of Borehole at 4.000m				
		3.00									
		4.00									
Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation
Remarks										AGS	

Project Name: Mill Lane, Reading		Client: Watkin Jones PLC		Date: 13/12/2021	
Location: Mill Lane, Reading		Contractor: Borehole Solutions & Dynamic Sampling		Co-ords: E471726.57 N173128.51	
Project No. : 1620013209		Crew Name: Dynamic Sampling		Drilling Equipment:	
Borehole Number WS08	Hole Type WLS	Ground Level 39.14m AoD	Logged By RH	Scale 1:50	Page Number 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m AoD)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.25 - 0.35	ES		0.20	38.94		Concrete slab [MADE GROUND]		
		0.30	PID	PID=0.1	0.40	38.74		Orangy brown slightly clayey, sandy fine to coarse sub-rounded to angular GRAVEL of brick and concrete. Sand is fine to coarse. [MADE GROUND]		
		0.45 - 0.55	ES							
		0.50	PID	PID=0.2	0.70	38.44		Dark brown slightly clayey, very sandy fine to coarse rounded to angular GRAVEL of brick, flint and ash. Sand is fine to coarse. Black staining throughout with a 'sooty' odour. [MADE GROUND]		
		0.80	PID	PID=0.5						
		0.90 - 1.00	ES		1.00	38.14		Very soft to soft dark brown slightly gravelly very sandy SILT. Gravel is fine to coarse, rounded to angular of chalk, brick, flint and ash. Sand is fine to coarse. [MADE GROUND]	1	
		1.00	SPT	N=10 (2,2/2,2,3,3)						
		1.50	PID	PID=1.6						
		2.00	SPT	N=17 (3,3/4,4,4,5)						2
		2.50	PID	PID=0.1						
3.00	SPT	N=8 (2,2/2,2,2,2)	3.00	36.14		Structureless chalk composed of cream white very gravelly SILT. Gravel is low density, weak, cream white with black specks, sub-rounded to angular. Flint gravels are fine to coarse sub-rounded to very angular.	3			
4.00	SPT	N=8 (2,2/2,2,2,2)	4.00	35.14		End of Borehole at 4.000m	4			
									5	
									6	
									7	
									8	
									9	
									10	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks



APPENDIX 4 LABORATORY CERTIFICATES



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e: reception@i2analytical.com

Analytical Report Number : 21-29427

Project / Site name:	Mill Lane	Samples received on:	16/12/2021
Your job number:	162001329	Samples instructed on/ Analysis started on:	16/12/2021
Your order number:	1620045114	Analysis completed by:	22/12/2021
Report Issue Number:	1	Report issued on:	22/12/2021
Samples Analysed:	5 water samples		

Signed: *Karolina Marek*

Karolina Marek
PL Head of Reporting Team
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

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.



Analytical Report Number: 21-29427

Project / Site name: Mill Lane

Your Order No: 1620045114

Lab Sample Number	2118399	2118400	2118401	2118402	2118403
Sample Reference	WS02	WS05	WS08	BH01	BH02
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled	16/12/2021	16/12/2021	16/12/2021	16/12/2021	16/12/2021
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Water Analysis)	Units	Limit of detection	Accreditation Status		

General Inorganics

pH	pH Units	N/A	ISO 17025	7.9	7.6	7.4	7.3	7.5
Total Cyanide	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	< 10
Sulphate as SO ₄	mg/l	0.045	ISO 17025	16.7	43.9	39.7	109	49.4
Ammoniacal Nitrogen as N	µg/l	15	ISO 17025	35	< 15	< 15	20	< 15

Hardness - Total	mg/L CaCO ₃ /l	1	ISO 17025	276	282	301	494	348
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Total Phenols

Total Phenols (monohydric)	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	< 10
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Speciated PAHs

Naphthalene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluorene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(a)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chrysene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(b)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(k)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(a)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Indeno(1,2,3-cd)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibenz(a,h)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(ghi)perylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

Total PAH

Total EPA-16 PAHs	µg/l	0.16	ISO 17025	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
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Heavy Metals / Metalloids

Boron (dissolved)	µg/l	10	ISO 17025	66	110	93	320	120
Calcium (dissolved)	mg/l	0.012	ISO 17025	100	110	120	180	130
Chromium (hexavalent)	µg/l	5	ISO 17025	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chromium (III)	µg/l	5	NONE	< 5.0	8.7	< 5.0	< 5.0	< 5.0
Magnesium (dissolved)	mg/l	0.005	ISO 17025	4.5	3.8	2.8	8.0	4.2

Arsenic (dissolved)	µg/l	0.15	ISO 17025	1.72	4.40	7.47	4.15	1.10
Beryllium (dissolved)	µg/l	0.1	ISO 17025	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Cadmium (dissolved)	µg/l	0.02	ISO 17025	0.02	< 0.02	0.02	< 0.02	< 0.02
Chromium (dissolved)	µg/l	0.2	ISO 17025	1.8	8.7	3.2	2.4	1.9
Copper (dissolved)	µg/l	0.5	ISO 17025	6.5	5.3	7.1	4.4	5.4
Lead (dissolved)	µg/l	0.2	ISO 17025	0.3	0.3	0.2	< 0.2	0.2
Mercury (dissolved)	µg/l	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nickel (dissolved)	µg/l	0.5	ISO 17025	4.9	4.0	3.7	5.6	8.2
Selenium (dissolved)	µg/l	0.6	ISO 17025	1.7	3.4	2.7	1.5	1.3
Vanadium (dissolved)	µg/l	0.2	ISO 17025	2.2	2.8	7.3	1.3	0.7
Zinc (dissolved)	µg/l	0.5	ISO 17025	31	10	19	7.0	15



Analytical Report Number: 21-29427

Project / Site name: Mill Lane

Your Order No: 1620045114

Lab Sample Number	2118399	2118400	2118401	2118402	2118403
Sample Reference	WS02	WS05	WS08	BH01	BH02
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled	16/12/2021	16/12/2021	16/12/2021	16/12/2021	16/12/2021
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Water Analysis)	Units	Limit of detection	Accreditation Status		

Monoaromatics & Oxygenates

Benzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >C5 - C6 _{HS 1D AL}	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >C6 - C8 _{HS 1D AL}	µg/l	1	ISO 17025	50	< 1.0	< 1.0	130	< 1.0
TPH-CWG - Aliphatic >C8 - C10 _{HS 1D AL}	µg/l	1	ISO 17025	260	< 1.0	< 1.0	540	< 1.0
TPH-CWG - Aliphatic >C10 - C12 _{EH 1D AL #1 #2 MS}	µg/l	10	NONE	45	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic >C12 - C16 _{EH 1D AL #1 #2 MS}	µg/l	10	NONE	91	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic >C16 - C21 _{EH 1D AL #1 #2 MS}	µg/l	10	NONE	95	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic >C21 - C35 _{EH 1D AL #1 #2 MS}	µg/l	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic (C5 - C35) _{HS+EH 1D AL #1 #2 MS}	µg/l	10	NONE	540	< 10	< 10	670	< 10

TPH-CWG - Aromatic >C5 - C7 _{HS 1D AR}	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >C7 - C8 _{HS 1D AR}	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >C8 - C10 _{HS 1D AR}	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >C10 - C12 _{EH 1D AR #1 #2 MS}	µg/l	10	NONE	74	< 10	< 10	140	< 10
TPH-CWG - Aromatic >C12 - C16 _{EH 1D AR #1 #2 MS}	µg/l	10	NONE	45	< 10	< 10	25	< 10
TPH-CWG - Aromatic >C16 - C21 _{EH 1D AR #1 #2 MS}	µg/l	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >C21 - C35 _{EH 1D AR #1 #2 MS}	µg/l	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (C5 - C35) _{HS+EH 1D AR #1 #2 MS}	µg/l	10	NONE	120	< 10	< 10	160	< 10



Analytical Report Number: 21-29427

Project / Site name: Mill Lane

Your Order No: 1620045114

Lab Sample Number				2118399	2118400	2118401	2118402	2118403
Sample Reference				WS02	WS05	WS08	BH01	BH02
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				16/12/2021	16/12/2021	16/12/2021	16/12/2021	16/12/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Water Analysis)	Units	Limit of detection	Accreditation Status					

VOCs

Chloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	µg/l	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	µg/l	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cis-1,2-dichloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2,2-Dichloropropane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,2-dichloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cis-1,3-dichloropropene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-dichloropropene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromochloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromoethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-Xylene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
n-Propylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
tert-Butylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
sec-Butylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p-Isopropyltoluene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0



Analytical Report Number: 21-29427

Project / Site name: Mill Lane

Your Order No: 1620045114

Lab Sample Number				2118399	2118400	2118401	2118402	2118403
Sample Reference				WS02	WS05	WS08	BH01	BH02
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				16/12/2021	16/12/2021	16/12/2021	16/12/2021	16/12/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Water Analysis)	Units	Limit of detection	Accreditation Status					
Butylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-chloropropane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

SVOCs

Aniline	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorophenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-chloroethyl)ether	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-chloroisopropyl)ether	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylphenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachloroethane	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Methylphenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Isophorone	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitrophenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dimethylphenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-chloroethoxy)methane	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
2,4-Dichlorophenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloroaniline	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobutadiene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloro-3-methylphenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4,6-Trichlorophenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4,5-Trichlorophenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chloronaphthalene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dimethylphthalate	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,6-Dinitrotoluene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
2,4-Dinitrotoluene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzofuran	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorophenyl phenyl ether	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Diethyl phthalate	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitroaniline	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Azobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromophenyl phenyl ether	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbazole	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibutyl phthalate	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthraquinone	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01



Analytical Report Number: 21-29427
Project / Site name: Mill Lane

Your Order No: 1620045114

Lab Sample Number				2118399	2118400	2118401	2118402	2118403
Sample Reference				WS02	WS05	WS08	BH01	BH02
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				16/12/2021	16/12/2021	16/12/2021	16/12/2021	16/12/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Water Analysis)	Units	Limit of detection	Accreditation Status					
Butyl benzyl phthalate	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chrysene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(b)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(k)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(a)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Indeno(1,2,3-cd)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibenz(a,h)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(ghi)perylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
3&4-Methylphenol	µg/l	0.1	NONE	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

U/S = Unsuitable Sample I/S = Insufficient Sample



Analytical Report Number : 21-29427

Project / Site name: Mill Lane

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Metals in water by ICP-MS (dissolved)	Determination of metals in water by acidification followed by ICP-MS. Accredited Matrices: SW, GW, PW except B=SW,GW, Hg=SW,PW, Al=SW,PW.	In-house method based on USEPA Method 6020 & 200.8 *for the determination of trace elements in water by ICP-MS.	L012-PL	W	ISO 17025
Boron in water	Determination of boron in water by acidification followed by ICP-OES. Accredited matrices: SW PW GW	In-house method based on MEWAM	L039-PL	W	ISO 17025
Metals in water by ICP-OES (dissolved)	Determination of metals in water by acidification followed by ICP-OES. Accredited Matrices SW, GW, PW, PrW.(Al, Cu,Fe,Zn).	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L039-PL	W	ISO 17025
Hexavalent chromium in water	Determination of hexavalent chromium in water by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method by continuous flow analyser. Accredited Matrices SW, GW, PW.	L080-PL	W	ISO 17025
Total Hardness of water	Determination of hardness in waters by calculation from calcium and magnesium. Accredited Matrices SW, GW, PW.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L045-PL	W	ISO 17025
Monohydric phenols in water	Determination of phenols in water by continuous flow analyser. Accredited matrices: SW PW GW	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (skalar)	L080-PL	W	ISO 17025
Speciated EPA-16 PAHs in water	Determination of PAH compounds in water by extraction in dichloromethane followed by GC-MS with the use of surrogate and internal standards. Accredited matrices: SW PW GW	In-house method based on USEPA 8270	L102B-PL	W	ISO 17025
Sulphate in water	Determination of sulphate in water after filtration by acidification followed by ICP-OES. Accredited Matrices SW, GW, PW.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L039-PL	W	ISO 17025
Semi-volatile organic compounds in water	Determination of semi-volatile organic compounds in leachate by extraction in dichloromethane followed by GC-MS.	In-house method based on USEPA 8270	L102B-PL	W	NONE
TPHCWG (Waters)	Determination of dichloromethane extractable hydrocarbons in water by GC-MS, speciation by interpretation.	In-house method	L070-PL	W	NONE
Total cyanide in water	Determination of total cyanide by distillation followed by colorimetry. Accredited matrices: SW PW GW	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	ISO 17025
Volatile organic compounds in water	Determination of volatile organic compounds in water by headspace GC-MS. Accredited matrices: SW PW GW	In-house method based on USEPA8260	L073B-PL	W	ISO 17025
BTEX and MTBE in water (Monoaromatics)	Determination of BTEX and MTBE in water by headspace GC-MS. Accredited matrices: SW PW GW	In-house method based on USEPA8260	L073B-PL	W	ISO 17025
Ammoniacal Nitrogen as N in water	Determination of Ammonium/Ammonia/ Ammoniacal Nitrogen by the discrete analyser (colorimetric) salicylate/nitroprusside method. Accredited matrices SW, GW, PW.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L082-PL	W	ISO 17025
Cr (III) in water	In-house method by calculation from total Cr and Cr VI.	In-house method by calculation	L080-PL	W	NONE
pH at 20oC in water (automated)	Determination of pH in water by electrometric measurement. Accredited matrices: SW PW GW	In house method.	L099-PL	W	ISO 17025



Analytical Report Number : 21-29427

Project / Site name: Mill Lane

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
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For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.

For method numbers ending in 'PL' 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.

Information in Support of Analytical Results

List of HWOL Acronyms and Operators

Acronym	Descriptions
HS	Headspace Analysis
MS	Mass spectrometry
FID	Flame Ionisation Detector
GC	Gas Chromatography
EH	Extractable Hydrocarbons (i.e. everything extracted by the solvent(s))
CU	Clean-up - e.g. by Florisil®, silica gel
1D	GC - Single coil/column gas chromatography
2D	GC-GC - Double coil/column gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics
AR	Aromatics
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
_	Operator - understore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total



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Analytical Report Number : 22-33535

Replaces Analytical Report Number: 22-33535, issue no. 1
Additional analysis undertaken.

Project / Site name:	Mill Lane	Samples received on:	18/01/2022
Your job number:	1620013209	Samples instructed on/ Analysis started on:	18/01/2022
Your order number:	1620045114	Analysis completed by:	26/01/2022
Report Issue Number:	2	Report issued on:	27/01/2022
Samples Analysed:	2 water samples		

Signed: *Karolina Marek*

Karolina Marek
PL Head of Reporting Team
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

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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.



Analytical Report Number: 22-33535

Project / Site name: Mill Lane

Your Order No: 1620045114

Lab Sample Number				2139686	2139687
Sample Reference				BH01	WS02
Sample Number				None Supplied	None Supplied
Depth (m)				None Supplied	None Supplied
Date Sampled				17/12/2022	17/12/2022
Time Taken				1200	1230
Analytical Parameter (Water Analysis)	Units	Limit of detection	Accreditation Status		

General Inorganics

pH	pH Units	N/A	ISO 17025	7.2	7.7
Total Cyanide	µg/l	10	ISO 17025	< 10	< 10
Sulphate as SO ₄	mg/l	0.045	ISO 17025	109	2.36
Chloride	mg/l	0.15	ISO 17025	180	6.6
Ammoniacal Nitrogen as N	µg/l	15	ISO 17025	39	62
Nitrate as N	mg/l	0.01	ISO 17025	1.31	1.18
Nitrate as NO ₃	mg/l	0.05	ISO 17025	5.80	5.22

Hardness - Total	mg CaCO ₃ /l	1	ISO 17025	454	26.6
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Total Phenols

Total Phenols (monohydric)	µg/l	10	ISO 17025	< 10	< 10
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Speciated PAHs

Naphthalene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Acenaphthylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Acenaphthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Fluorene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Phenanthrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Benzo(a)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Chrysene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Benzo(b)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Benzo(k)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Benzo(a)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Indeno(1,2,3-cd)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Dibenz(a,h)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Benzo(ghi)perylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01

Total PAH

Total EPA-16 PAHs	µg/l	0.16	ISO 17025	< 0.16	< 0.16
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Analytical Report Number: 22-33535

Project / Site name: Mill Lane

Your Order No: 1620045114

Lab Sample Number				2139686	2139687
Sample Reference				BH01	WS02
Sample Number				None Supplied	None Supplied
Depth (m)				None Supplied	None Supplied
Date Sampled				17/12/2022	17/12/2022
Time Taken				1200	1230
Analytical Parameter (Water Analysis)	Units	Limit of detection	Accreditation Status		

Heavy Metals / Metalloids

Boron (dissolved)	µg/l	10	ISO 17025	260	12
Calcium (dissolved)	mg/l	0.012	ISO 17025	170	9.6
Chromium (hexavalent)	µg/l	5	ISO 17025	< 5.0	< 5.0
Chromium (III)	µg/l	5	NONE	< 5.0	< 5.0
Magnesium (dissolved)	mg/l	0.005	ISO 17025	6.1	0.63

Arsenic (dissolved)	µg/l	0.15	ISO 17025	4.60	0.53
Beryllium (dissolved)	µg/l	0.1	ISO 17025	< 0.1	< 0.1
Cadmium (dissolved)	µg/l	0.02	ISO 17025	0.02	0.03
Chromium (dissolved)	µg/l	0.2	ISO 17025	3.3	0.7
Copper (dissolved)	µg/l	0.5	ISO 17025	6.2	4.6
Lead (dissolved)	µg/l	0.2	ISO 17025	< 0.2	< 0.2
Mercury (dissolved)	µg/l	0.05	ISO 17025	0.06	< 0.05
Nickel (dissolved)	µg/l	0.5	ISO 17025	4.2	1.9
Selenium (dissolved)	µg/l	0.6	ISO 17025	2.6	< 0.6
Vanadium (dissolved)	µg/l	0.2	ISO 17025	1.8	0.5
Zinc (dissolved)	µg/l	0.5	ISO 17025	8.6	340

Monoaromatics & Oxygenates

Benzene	µg/l	1	ISO 17025	< 1.0	< 1.0
Toluene	µg/l	1	ISO 17025	< 1.0	< 1.0
Ethylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0
p & m-xylene	µg/l	1	ISO 17025	< 1.0	< 1.0
o-xylene	µg/l	1	ISO 17025	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/l	1	ISO 17025	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >C5 - C6 HS_1D_AL	µg/l	1	ISO 17025	< 1.0	< 1.0
TPH-CWG - Aliphatic >C6 - C8 HS_1D_AL	µg/l	1	ISO 17025	< 1.0	< 1.0
TPH-CWG - Aliphatic >C8 - C10 HS_1D_AL	µg/l	1	ISO 17025	< 1.0	< 1.0
TPH-CWG - Aliphatic >C10 - C12 EH_1D_AL_#1_#2_MS	µg/l	10	NONE	< 10	< 10
TPH-CWG - Aliphatic >C12 - C16 EH_1D_AL_#1_#2_MS	µg/l	10	NONE	< 10	< 10
TPH-CWG - Aliphatic >C16 - C21 EH_1D_AL_#1_#2_MS	µg/l	10	NONE	< 10	< 10
TPH-CWG - Aliphatic >C21 - C35 EH_1D_AL_#1_#2_MS	µg/l	10	NONE	< 10	< 10
TPH-CWG - Aliphatic (C5 - C35) HS+EH_1D_AL_#1_#2_MS	µg/l	10	NONE	< 10	< 10

TPH-CWG - Aromatic >C5 - C7 HS_1D_AR	µg/l	1	ISO 17025	< 1.0	< 1.0
TPH-CWG - Aromatic >C7 - C8 HS_1D_AR	µg/l	1	ISO 17025	< 1.0	< 1.0
TPH-CWG - Aromatic >C8 - C10 HS_1D_AR	µg/l	1	ISO 17025	< 1.0	< 1.0
TPH-CWG - Aromatic >C10 - C12 EH_1D_AR_#1_#2_MS	µg/l	10	NONE	170	< 10
TPH-CWG - Aromatic >C12 - C16 EH_1D_AR_#1_#2_MS	µg/l	10	NONE	50	< 10
TPH-CWG - Aromatic >C16 - C21 EH_1D_AR_#1_#2_MS	µg/l	10	NONE	< 10	< 10
TPH-CWG - Aromatic >C21 - C35 EH_1D_AR_#1_#2_MS	µg/l	10	NONE	< 10	< 10
TPH-CWG - Aromatic (C5 - C35) HS+EH_1D_AR_#1_#2_MS	µg/l	10	NONE	220	< 10



Analytical Report Number: 22-33535

Project / Site name: Mill Lane

Your Order No: 1620045114

Lab Sample Number				2139686	2139687
Sample Reference				BH01	WS02
Sample Number				None Supplied	None Supplied
Depth (m)				None Supplied	None Supplied
Date Sampled				17/12/2022	17/12/2022
Time Taken				1200	1230
Analytical Parameter (Water Analysis)	Units	Limit of detection	Accreditation Status		

VOCs

Chloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0
Chloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0
Bromomethane	µg/l	1	ISO 17025	< 1.0	< 1.0
Vinyl Chloride	µg/l	1	NONE	< 1.0	< 1.0
Trichlorofluoromethane	µg/l	1	NONE	< 1.0	< 1.0
1,1-Dichloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	µg/l	1	ISO 17025	< 1.0	< 1.0
Cis-1,2-dichloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/l	1	ISO 17025	< 1.0	< 1.0
1,1-Dichloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0
2,2-Dichloropropane	µg/l	1	ISO 17025	< 1.0	< 1.0
Trichloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0
1,1,1-Trichloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0
1,2-Dichloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0
1,1-Dichloropropene	µg/l	1	ISO 17025	< 1.0	< 1.0
Trans-1,2-dichloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0
Benzene	µg/l	1	ISO 17025	< 1.0	< 1.0
Tetrachloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0
1,2-Dichloropropane	µg/l	1	ISO 17025	< 1.0	< 1.0
Trichloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0
Dibromomethane	µg/l	1	ISO 17025	< 1.0	< 1.0
Bromodichloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0
Cis-1,3-dichloropropene	µg/l	1	ISO 17025	< 1.0	< 1.0
Trans-1,3-dichloropropene	µg/l	1	ISO 17025	< 1.0	< 1.0
Toluene	µg/l	1	ISO 17025	< 1.0	< 1.0
1,1,2-Trichloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0
1,3-Dichloropropane	µg/l	1	ISO 17025	< 1.0	< 1.0
Dibromochloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0
Tetrachloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0
1,2-Dibromoethane	µg/l	1	ISO 17025	< 1.0	< 1.0
Chlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0
Ethylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0
p & m-Xylene	µg/l	1	ISO 17025	< 1.0	< 1.0
Styrene	µg/l	1	ISO 17025	< 1.0	< 1.0
Tribromomethane	µg/l	1	ISO 17025	< 1.0	< 1.0
o-Xylene	µg/l	1	ISO 17025	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0
Isopropylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0
Bromobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0
n-Propylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0
2-Chlorotoluene	µg/l	1	ISO 17025	< 1.0	< 1.0
4-Chlorotoluene	µg/l	1	ISO 17025	< 1.0	< 1.0
1,3,5-Trimethylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0
tert-Butylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0
1,2,4-Trimethylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0
sec-Butylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0
1,3-Dichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0
p-Isopropyltoluene	µg/l	1	ISO 17025	< 1.0	< 1.0
1,2-Dichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0
1,4-Dichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0
Butylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0
1,2-Dibromo-3-chloropropane	µg/l	1	ISO 17025	< 1.0	< 1.0
1,2,4-Trichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0
Hexachlorobutadiene	µg/l	1	ISO 17025	< 1.0	< 1.0



Analytical Report Number: 22-33535

Project / Site name: Mill Lane

Your Order No: 1620045114

Lab Sample Number				2139686	2139687
Sample Reference				BH01	WS02
Sample Number				None Supplied	None Supplied
Depth (m)				None Supplied	None Supplied
Date Sampled				17/12/2022	17/12/2022
Time Taken				1200	1230
Analytical Parameter (Water Analysis)	Units	Limit of detection	Accreditation Status		
1,2,3-Trichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0

SVOCs

Aniline	µg/l	0.05	NONE	< 0.05	< 0.05
Phenol	µg/l	0.05	NONE	< 0.05	< 0.05
2-Chlorophenol	µg/l	0.05	NONE	< 0.05	< 0.05
Bis(2-chloroethyl)ether	µg/l	0.05	NONE	< 0.05	< 0.05
1,3-Dichlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05
1,2-Dichlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05
1,4-Dichlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05
Bis(2-chloroisopropyl)ether	µg/l	0.05	NONE	< 0.05	< 0.05
2-Methylphenol	µg/l	0.05	NONE	< 0.05	< 0.05
Hexachloroethane	µg/l	0.05	NONE	< 0.05	< 0.05
Nitrobenzene	µg/l	0.05	NONE	< 0.05	< 0.05
4-Methylphenol	µg/l	0.05	NONE	< 0.05	< 0.05
Isophorone	µg/l	0.05	NONE	< 0.05	< 0.05
2-Nitrophenol	µg/l	0.05	NONE	< 0.05	< 0.05
2,4-Dimethylphenol	µg/l	0.05	NONE	< 0.05	< 0.05
Bis(2-chloroethoxy)methane	µg/l	0.05	NONE	< 0.05	< 0.05
1,2,4-Trichlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05
Naphthalene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
2,4-Dichlorophenol	µg/l	0.05	NONE	< 0.05	< 0.05
4-Chloroaniline	µg/l	0.05	NONE	< 0.05	< 0.05
Hexachlorobutadiene	µg/l	0.05	NONE	< 0.05	< 0.05
4-Chloro-3-methylphenol	µg/l	0.05	NONE	< 0.05	< 0.05
2,4,6-Trichlorophenol	µg/l	0.05	NONE	< 0.05	< 0.05
2,4,5-Trichlorophenol	µg/l	0.05	NONE	< 0.05	< 0.05
2-Methylnaphthalene	µg/l	0.05	NONE	< 0.05	< 0.05
2-Chloronaphthalene	µg/l	0.05	NONE	< 0.05	< 0.05
Dimethylphthalate	µg/l	0.05	NONE	< 0.05	< 0.05
2,6-Dinitrotoluene	µg/l	0.05	NONE	< 0.05	< 0.05
Acenaphthylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Acenaphthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
2,4-Dinitrotoluene	µg/l	0.05	NONE	< 0.05	< 0.05
Dibenzofuran	µg/l	0.05	NONE	< 0.05	< 0.05
4-Chlorophenyl phenyl ether	µg/l	0.05	NONE	< 0.05	< 0.05
Diethyl phthalate	µg/l	0.05	NONE	< 0.05	< 0.05
4-Nitroaniline	µg/l	0.05	NONE	< 0.05	< 0.05
Fluorene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Azobenzene	µg/l	0.05	NONE	< 0.05	< 0.05
Bromophenyl phenyl ether	µg/l	0.05	NONE	< 0.05	< 0.05
Hexachlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05
Phenanthrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Carbazole	µg/l	0.05	NONE	< 0.05	< 0.05
Dibutyl phthalate	µg/l	0.05	NONE	< 0.05	< 0.05
Anthraquinone	µg/l	0.05	NONE	< 0.05	< 0.05
Fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Butyl benzyl phthalate	µg/l	0.05	NONE	< 0.05	< 0.05
Benzo(a)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Chrysene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Benzo(b)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Benzo(k)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Benzo(a)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Indeno(1,2,3-cd)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01



Analytical Report Number: 22-33535

Project / Site name: Mill Lane

Your Order No: 1620045114

Lab Sample Number				2139686	2139687
Sample Reference				BH01	WS02
Sample Number				None Supplied	None Supplied
Depth (m)				None Supplied	None Supplied
Date Sampled				17/12/2022	17/12/2022
Time Taken				1200	1230
Analytical Parameter (Water Analysis)	Units	Limit of detection	Accreditation Status		
Dibenz(a,h)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
Benzo(ghi)perylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01
3&4-Methylphenol	µg/l	0.1	NONE	< 0.10	< 0.10

U/S = Unsuitable Sample I/S = Insufficient Sample



Analytical Report Number : 22-33535

Project / Site name: Mill Lane

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Metals in water by ICP-OES (dissolved)	Determination of metals in water by acidification followed by ICP-OES. Accredited Matrices SW, GW, PW, PrW.(Al, Cu,Fe,Zn).	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L039-PL	W	ISO 17025
Metals in water by ICP-MS (dissolved)	Determination of metals in water by acidification followed by ICP-MS. Accredited Matrices: SW, GW, PW except B=SW,GW, Hg=SW,PW, Al=SW,PW.	In-house method based on USEPA Method 6020 & 200.8 "for the determination of trace elements in water by ICP-MS.	L012-PL	W	ISO 17025
Boron in water	Determination of boron in water by acidification followed by ICP-OES. Accredited matrices: SW PW GW	In-house method based on MEWAM	L039-PL	W	ISO 17025
Hexavalent chromium in water	Determination of hexavalent chromium in water by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method by continuous flow analyser. Accredited Matrices SW, GW, PW.	L080-PL	W	ISO 17025
Total Hardness of water	Determination of hardness in waters by calculation from calcium and magnesium. Accredited Matrices SW, GW, PW.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L045-PL	W	ISO 17025
Monohydric phenols in water	Determination of phenols in water by continuous flow analyser. Accredited matrices: SW PW GW	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (skalar)	L080-PL	W	ISO 17025
Nitrate in water	Determination of nitrate by reaction with sodium salicylate and colorimetry. Accredited matrices SW, GW, PW	In-house method based on Examination of Water and Wastewater & Polish Standard Method PN-82/C-04579.08,	L078-PL	W	ISO 17025
Speciated EPA-16 PAHs in water	Determination of PAH compounds in water by extraction in dichloromethane followed by GC-MS with the use of surrogate and internal standards. Accredited matrices: SW PW GW	In-house method based on USEPA 8270	L102B-PL	W	ISO 17025
Sulphate in water	Determination of sulphate in water after filtration by acidification followed by ICP-OES. Accredited Matrices SW, GW, PW.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L039-PL	W	ISO 17025
Semi-volatile organic compounds in water	Determination of semi-volatile organic compounds in leachate by extraction in dichloromethane followed by GC-MS.	In-house method based on USEPA 8270	L102B-PL	W	NONE
TPHCWG (Waters)	Determination of dichloromethane extractable hydrocarbons in water by GC-MS, speciation by interpretation.	In-house method	L070-PL	W	NONE
Total cyanide in water	Determination of total cyanide by distillation followed by colorimetry. Accredited matrices: SW PW GW	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	ISO 17025
Volatile organic compounds in water	Determination of volatile organic compounds in water by headspace GC-MS. Accredited matrices: SW PW GW	In-house method based on USEPA8260	L073B-PL	W	ISO 17025
BTEX and MTBE in water (Monoaromatics)	Determination of BTEX and MTBE in water by headspace GC-MS. Accredited matrices: SW PW GW	In-house method based on USEPA8260	L073B-PL	W	ISO 17025
Ammoniacal Nitrogen as N in water	Determination of Ammonium/Ammonia/ Ammoniacal Nitrogen by the discrete analyser (colorimetric) salicylate/nitroprusside method. Accredited matrices SW, GW, PW.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L082-PL	W	ISO 17025
Nitrate as N in water	Determination of nitrate by reaction with sodium salicylate and colorimetry. Accredited matrices SW, GW, PW.	In-house method based on Examination of Water and Wastewater & Polish Standard Method PN-82/C-04579.08,	L078-PL	W	ISO 17025
Cr (III) in water	In-house method by calculation from total Cr and Cr VI.	In-house method by calculation	L080-PL	W	NONE



Analytical Report Number : 22-33535

Project / Site name: Mill Lane

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
pH at 20oC in water (automated)	Determination of pH in water by electrometric measurement. Accredited matrices: SW PW GW	In house method.	L099-PL	W	ISO 17025
Chloride in water	Determination of Chloride (diissolved) colorimetrically by discrete analyser.	In house based on MEWAM Method ISBN 0117516260. Accredited matrices: SW, PW, GW.	L082-PL	W	ISO 17025

For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.

For method numbers ending in 'PL' 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.

Information in Support of Analytical Results

List of HWOL Acronyms and Operators

Acronym	Descriptions
HS	Headspace Analysis
MS	Mass spectrometry
FID	Flame Ionisation Detector
GC	Gas Chromatography
EH	Extractable Hydrocarbons (i.e. everything extracted by the solvent(s))
CU	Clean-up - e.g. by Florisil®, silica gel
1D	GC - Single coil/column gas chromatography
2D	GC-GC - Double coil/column gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics
AR	Aromatics
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
-	Operator - understore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total



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Analytical Report Number : 21-28061

Project / Site name:	Mill Lane	Samples received on:	09/12/2021
Your job number:	1620013209	Samples instructed on/ Analysis started on:	09/12/2021
Your order number:	1620045114	Analysis completed by:	16/12/2021
Report Issue Number:	1	Report issued on:	16/12/2021
Samples Analysed:	3 soil samples		

Signed: *A. Czerwińska*

Agnieszka Czerwińska
Technical Reviewer (Reporting Team)
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

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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.

Analytical Report Number: 21-28061
Project / Site name: Mill Lane
Your Order No: 1620045114

Lab Sample Number				2110774	2110775	2110776
Sample Reference				BH01	BH01	BH01
Sample Number				BH01_0.5	BH01_3.2	BH01_1.7
Depth (m)				0.50-1.20	3.00-3.45	1.70-1.80
Date Sampled				08/12/2021	08/12/2021	08/12/2021
Time Taken				None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	40	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	8.9	21	16
Total mass of sample received	kg	0.001	NONE	0.80	0.30	0.40

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	JSW		

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.6	8.6	-
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	-
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	210	190	-
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.10	0.094	-
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	-	-	0.7

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	-
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-
Acenaphthylene	mg/kg	0.05	MCERTS	0.47	< 0.05	-
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-
Fluorene	mg/kg	0.05	MCERTS	1.0	< 0.05	-
Phenanthrene	mg/kg	0.05	MCERTS	7.2	< 0.05	-
Anthracene	mg/kg	0.05	MCERTS	1.6	< 0.05	-
Fluoranthene	mg/kg	0.05	MCERTS	7.8	< 0.05	-
Pyrene	mg/kg	0.05	MCERTS	5.9	< 0.05	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	3.7	< 0.05	-
Chrysene	mg/kg	0.05	MCERTS	2.8	< 0.05	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	2.8	< 0.05	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	1.8	< 0.05	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	2.8	< 0.05	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	1.2	< 0.05	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.50	< 0.05	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	1.3	< 0.05	-

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	41.0	< 0.80	-
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Analytical Report Number: 21-28061
Project / Site name: Mill Lane
Your Order No: 1620045114

Lab Sample Number	2110774	2110775	2110776
Sample Reference	BH01	BH01	BH01
Sample Number	BH01_0.5	BH01_3.2	BH01_1.7
Depth (m)	0.50-1.20	3.00-3.45	1.70-1.80
Date Sampled	08/12/2021	08/12/2021	08/12/2021
Time Taken	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	30	3.0	-
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.81	0.13	-
Boron (water soluble)	mg/kg	0.2	MCERTS	1.2	0.2	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	0.3	-
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	-
Chromium (III)	mg/kg	1	NONE	20	3.8	-
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	20	3.8	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	230	13	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	270	26	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.8	< 0.3	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	24	4.0	-
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	-
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	29	6.0	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	100	19	-

Monoaromatics & Oxygenates

Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	-
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	-
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	-

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_1D_AL	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC6 - EC8 HS_1D_AL	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC8 - EC10 HS_1D_AL	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_1D_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	-
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_1D_AL	mg/kg	2	MCERTS	< 2.0	< 2.0	-
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	-
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	-
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_1D_AL	mg/kg	10	MCERTS	< 10	< 10	-

TPH-CWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-
TPH-CWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-
TPH-CWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	-
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_1D_AR	mg/kg	2	MCERTS	14	< 2.0	-
TPH-CWG - Aromatic >EC16 - EC21 EH_CU_1D_AR	mg/kg	10	MCERTS	42	< 10	-
TPH-CWG - Aromatic >EC21 - EC35 EH_CU_1D_AR	mg/kg	10	MCERTS	100	< 10	-
TPH-CWG - Aromatic (EC5 - EC35) EH_CU+HS_1D_AR	mg/kg	10	MCERTS	160	< 10	-

Analytical Report Number: 21-28061

Project / Site name: Mill Lane

Your Order No: 1620045114

Lab Sample Number				2110774	2110775	2110776
Sample Reference				BH01	BH01	BH01
Sample Number				BH01_0.5	BH01_3.2	BH01_1.7
Depth (m)				0.50-1.20	3.00-3.45	1.70-1.80
Date Sampled				08/12/2021	08/12/2021	08/12/2021
Time Taken				None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)				Units	Limit of detection	Accreditation Status

VOCs

Chloromethane	µg/kg	1	ISO 17025	-	< 1.0	-
Chloroethane	µg/kg	1	NONE	-	< 1.0	-
Bromomethane	µg/kg	1	ISO 17025	-	< 1.0	-
Vinyl Chloride	µg/kg	1	NONE	-	< 1.0	-
Trichlorofluoromethane	µg/kg	1	NONE	-	< 1.0	-
1,1-Dichloroethene	µg/kg	1	NONE	-	< 1.0	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	1	ISO 17025	-	< 1.0	-
Cis-1,2-dichloroethene	µg/kg	1	MCERTS	-	< 1.0	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	-	< 1.0	-
1,1-Dichloroethane	µg/kg	1	MCERTS	-	< 1.0	-
2,2-Dichloropropane	µg/kg	1	MCERTS	-	< 1.0	-
Trichloromethane	µg/kg	1	MCERTS	-	< 1.0	-
1,1,1-Trichloroethane	µg/kg	1	MCERTS	-	< 1.0	-
1,2-Dichloroethane	µg/kg	1	MCERTS	-	< 1.0	-
1,1-Dichloropropene	µg/kg	1	MCERTS	-	< 1.0	-
Trans-1,2-dichloroethene	µg/kg	1	NONE	-	< 1.0	-
Benzene	µg/kg	1	MCERTS	-	< 1.0	-
Tetrachloromethane	µg/kg	1	MCERTS	-	< 1.0	-
1,2-Dichloropropane	µg/kg	1	MCERTS	-	< 1.0	-
Trichloroethene	µg/kg	1	MCERTS	-	< 1.0	-
Dibromomethane	µg/kg	1	MCERTS	-	< 1.0	-
Bromodichloromethane	µg/kg	1	MCERTS	-	< 1.0	-
Cis-1,3-dichloropropene	µg/kg	1	ISO 17025	-	< 1.0	-
Trans-1,3-dichloropropene	µg/kg	1	ISO 17025	-	< 1.0	-
Toluene	µg/kg	1	MCERTS	-	< 1.0	-
1,1,2-Trichloroethane	µg/kg	1	MCERTS	-	< 1.0	-
1,3-Dichloropropane	µg/kg	1	ISO 17025	-	< 1.0	-
Dibromochloromethane	µg/kg	1	ISO 17025	-	< 1.0	-
Tetrachloroethene	µg/kg	1	NONE	-	< 1.0	-
1,2-Dibromoethane	µg/kg	1	ISO 17025	-	< 1.0	-
Chlorobenzene	µg/kg	1	MCERTS	-	< 1.0	-
1,1,1,2-Tetrachloroethane	µg/kg	1	MCERTS	-	< 1.0	-
Ethylbenzene	µg/kg	1	MCERTS	-	< 1.0	-
p & m-Xylene	µg/kg	1	MCERTS	-	< 1.0	-
Styrene	µg/kg	1	MCERTS	-	< 1.0	-
Tribromomethane	µg/kg	1	NONE	-	< 1.0	-
o-Xylene	µg/kg	1	MCERTS	-	< 1.0	-
1,1,2,2-Tetrachloroethane	µg/kg	1	MCERTS	-	< 1.0	-
Isopropylbenzene	µg/kg	1	MCERTS	-	< 1.0	-
Bromobenzene	µg/kg	1	MCERTS	-	< 1.0	-
n-Propylbenzene	µg/kg	1	ISO 17025	-	< 1.0	-
2-Chlorotoluene	µg/kg	1	MCERTS	-	< 1.0	-
4-Chlorotoluene	µg/kg	1	MCERTS	-	< 1.0	-
1,3,5-Trimethylbenzene	µg/kg	1	ISO 17025	-	< 1.0	-
tert-Butylbenzene	µg/kg	1	MCERTS	-	< 1.0	-
1,2,4-Trimethylbenzene	µg/kg	1	ISO 17025	-	< 1.0	-
sec-Butylbenzene	µg/kg	1	MCERTS	-	< 1.0	-
1,3-Dichlorobenzene	µg/kg	1	ISO 17025	-	< 1.0	-
p-Isopropyltoluene	µg/kg	1	ISO 17025	-	< 1.0	-
1,2-Dichlorobenzene	µg/kg	1	MCERTS	-	< 1.0	-
1,4-Dichlorobenzene	µg/kg	1	MCERTS	-	< 1.0	-
Butylbenzene	µg/kg	1	MCERTS	-	< 1.0	-
1,2-Dibromo-3-chloropropane	µg/kg	1	ISO 17025	-	< 1.0	-
1,2,4-Trichlorobenzene	µg/kg	1	MCERTS	-	< 1.0	-
Hexachlorobutadiene	µg/kg	1	MCERTS	-	< 1.0	-

Analytical Report Number: 21-28061
 Project / Site name: Mill Lane
 Your Order No: 1620045114

Lab Sample Number				2110774	2110775	2110776
Sample Reference				BH01	BH01	BH01
Sample Number				BH01_0.5	BH01_3.2	BH01_1.7
Depth (m)				0.50-1.20	3.00-3.45	1.70-1.80
Date Sampled				08/12/2021	08/12/2021	08/12/2021
Time Taken				None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
1,2,3-Trichlorobenzene	µg/kg	1	ISO 17025	-	< 1.0	-

Analytical Report Number: 21-28061

Project / Site name: Mill Lane

Your Order No: 1620045114

Lab Sample Number				2110774	2110775	2110776
Sample Reference				BH01	BH01	BH01
Sample Number				BH01_0.5	BH01_3.2	BH01_1.7
Depth (m)				0.50-1.20	3.00-3.45	1.70-1.80
Date Sampled				08/12/2021	08/12/2021	08/12/2021
Time Taken				None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			

SVOCs

Aniline	mg/kg	0.1	NONE	-	< 0.1	-
Phenol	mg/kg	0.2	ISO 17025	-	< 0.2	-
2-Chlorophenol	mg/kg	0.1	MCERTS	-	< 0.1	-
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	-	< 0.2	-
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	-	< 0.2	-
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	-	< 0.1	-
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	-	< 0.2	-
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	-	< 0.1	-
2-Methylphenol	mg/kg	0.3	MCERTS	-	< 0.3	-
Hexachloroethane	mg/kg	0.05	MCERTS	-	< 0.05	-
Nitrobenzene	mg/kg	0.3	MCERTS	-	< 0.3	-
4-Methylphenol	mg/kg	0.2	NONE	-	< 0.2	-
Isophorone	mg/kg	0.2	MCERTS	-	< 0.2	-
2-Nitrophenol	mg/kg	0.3	MCERTS	-	< 0.3	-
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	-	< 0.3	-
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	-	< 0.3	-
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	-	< 0.3	-
Naphthalene	mg/kg	0.05	MCERTS	-	< 0.05	-
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	-	< 0.3	-
4-Chloroaniline	mg/kg	0.1	NONE	-	< 0.1	-
Hexachlorobutadiene	mg/kg	0.1	MCERTS	-	< 0.1	-
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	-	< 0.1	-
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	-	< 0.1	-
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	-	< 0.2	-
2-Methylnaphthalene	mg/kg	0.1	NONE	-	< 0.1	-
2-Chloronaphthalene	mg/kg	0.1	MCERTS	-	< 0.1	-
Dimethylphthalate	mg/kg	0.1	MCERTS	-	< 0.1	-
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	-	< 0.1	-
Acenaphthylene	mg/kg	0.05	MCERTS	-	< 0.05	-
Acenaphthene	mg/kg	0.05	MCERTS	-	< 0.05	-
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	-	< 0.2	-
Dibenzofuran	mg/kg	0.2	MCERTS	-	< 0.2	-
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	-	< 0.3	-
Diethyl phthalate	mg/kg	0.2	MCERTS	-	< 0.2	-
4-Nitroaniline	mg/kg	0.2	MCERTS	-	< 0.2	-
Fluorene	mg/kg	0.05	MCERTS	-	< 0.05	-
Azobenzene	mg/kg	0.3	MCERTS	-	< 0.3	-
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	-	< 0.2	-
Hexachlorobenzene	mg/kg	0.3	MCERTS	-	< 0.3	-
Phenanthrene	mg/kg	0.05	MCERTS	-	< 0.05	-
Anthracene	mg/kg	0.05	MCERTS	-	< 0.05	-
Carbazole	mg/kg	0.3	MCERTS	-	< 0.3	-
Dibutyl phthalate	mg/kg	0.2	MCERTS	-	< 0.2	-
Anthraquinone	mg/kg	0.3	MCERTS	-	< 0.3	-
Fluoranthene	mg/kg	0.05	MCERTS	-	< 0.05	-
Pyrene	mg/kg	0.05	MCERTS	-	< 0.05	-
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	-	< 0.3	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	-	< 0.05	-
Chrysene	mg/kg	0.05	MCERTS	-	< 0.05	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	-	< 0.05	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	-	< 0.05	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	-	< 0.05	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	-	< 0.05	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	-	< 0.05	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	< 0.05	-

Analytical Report Number: 21-28061

Project / Site name: Mill Lane

Your Order No: 1620045114

Lab Sample Number				2110774	2110775	2110776
Sample Reference				BH01	BH01	BH01
Sample Number				BH01_0.5	BH01_3.2	BH01_1.7
Depth (m)				0.50-1.20	3.00-3.45	1.70-1.80
Date Sampled				08/12/2021	08/12/2021	08/12/2021
Time Taken				None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)				Units	Limit of detection	Accreditation Status

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number : 21-28061

Project / Site name: Mill Lane

* 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 *
2110774	BH01	BH01_0.5	0.50-1.20	Brown loam and clay with gravel and stones.
2110775	BH01	BH01_3.2	3.00-3.45	Light brown clay and sand with chalk.
2110776	BH01	BH01_1.7	1.70-1.80	Brown clay and sand with gravel and chalk.

Analytical Report Number : 21-28061

Project / Site name: Mill Lane

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with disperion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Boron, water soluble, in soil	Determination of water soluble boron in soil by hot water extract followed by ICP-OES.	In-house method based on Second Site Properties version 3	L038-PL	D	MCERTS
Hexavalent chromium in soil (Lower Level)	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	MCERTS
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (skalar)	L080-PL	W	MCERTS
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	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
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.	L019-UK/PL	D	NONE
Semi-volatile organic compounds in soil	Determination of semi-volatile organic compounds in soil by extraction in dichloromethane and hexane followed by GC-MS.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
Total cyanide in soil	Determination of total cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	MCERTS
Total organic carbon (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L009-PL	D	MCERTS
Volatile organic compounds in soil	Determination of volatile organic compounds in soil by headspace GC-MS.	In-house method based on USEPA8260	L073B-PL	W	MCERTS
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS.	In-house method based on USEPA8260	L073B-PL	W	MCERTS
Cr (III) in soil	In-house method by calculation from total Cr and Cr VI.	In-house method by calculation	L080-PL	W	NONE
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method with silica gel split/clean up.	L088/76-PL	W	MCERTS

Analytical Report Number : 21-28061

Project / Site name: Mill Lane

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
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For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.

For method numbers ending in 'PL' 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.

Analytical Report Number : 21-28061

Project / Site name: Mill Lane

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
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Information in Support of Analytical Results

List of HWOL Acronyms and Operators

Acronym	Descriptions
HS	Headspace Analysis
MS	Mass spectrometry
FID	Flame Ionisation Detector
GC	Gas Chromatography
EH	Extractable Hydrocarbons (i.e. everything extracted by the solvent(s))
CU	Clean-up - e.g. by Florisil®, silica gel
1D	GC - Single coil/column gas chromatography
2D	GC-GC - Double coil/column gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics
AR	Aromatics
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
-	Operator - understore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total

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Analytical Report Number : 21-28622

Replaces Analytical Report Number: 21-28622, issue no. 1
Additional analysis undertaken.

Project / Site name:	Mill Lane, Reading	Samples received on:	13/12/2021
Your job number:	1620013209	Samples instructed on/ Analysis started on:	13/12/2021
Your order number:	1620045114	Analysis completed by:	10/01/2022
Report Issue Number:	2	Report issued on:	10/01/2022
Samples Analysed:	3 soil samples		

Signed: *Karolina Marek*

Karolina Marek
PL Head of Reporting Team
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

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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.

Analytical Report Number: 21-28622
Project / Site name: Mill Lane, Reading
Your Order No: 1620045114

Lab Sample Number				2113856	2113857	2113858
Sample Reference				WS05	WS08	WS08
Sample Number				WS05_0.25	WS08_0.5	WS08_0.3
Depth (m)				0.20-0.30	0.40-0.70	0.20-0.40
Date Sampled				13/12/2021	13/12/2021	13/12/2021
Time Taken				None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	-	82	-
Moisture Content	%	0.01	NONE	-	5.6	-
Total mass of sample received	kg	0.001	NONE	-	1.0	-

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	Amosite	Chrysotile	-
Asbestos in Soil	Type	N/A	ISO 17025	Detected	Detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	< 0.001	0.253	-
Asbestos Quantification Total	%	0.001	ISO 17025	< 0.001	0.253	-
Asbestos Analyst ID	N/A	N/A	N/A	SZS	SZS	JSW

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	-	9.9	-
Total Cyanide	mg/kg	1	MCERTS	-	< 1.0	-
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	280	-
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	-	0.14	-
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	-	1.4	-

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	-	< 1.0	-
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	-	1.5	-
Acenaphthylene	mg/kg	0.05	MCERTS	-	9.3	-
Acenaphthene	mg/kg	0.05	MCERTS	-	1.8	-
Fluorene	mg/kg	0.05	MCERTS	-	6.6	-
Phenanthrene	mg/kg	0.05	MCERTS	-	74	-
Anthracene	mg/kg	0.05	MCERTS	-	20	-
Fluoranthene	mg/kg	0.05	MCERTS	-	100	-
Pyrene	mg/kg	0.05	MCERTS	-	84	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	-	55	-
Chrysene	mg/kg	0.05	MCERTS	-	33	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	-	47	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	-	22	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	-	42	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	-	24	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	-	6.8	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	25	-

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	-	551	-
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Analytical Report Number: 21-28622
 Project / Site name: Mill Lane, Reading
 Your Order No: 1620045114

Lab Sample Number				2113856	2113857	2113858
Sample Reference				WS05	WS08	WS08
Sample Number				WS05_0.25	WS08_0.5	WS08_0.3
Depth (m)				0.20-0.30	0.40-0.70	0.20-0.40
Date Sampled				13/12/2021	13/12/2021	13/12/2021
Time Taken				None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	-	8.7	-
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	-	0.37	-
Boron (water soluble)	mg/kg	0.2	MCERTS	-	< 0.2	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	-	0.4	-
Chromium (hexavalent)	mg/kg	1.2	MCERTS	-	< 1.2	-
Chromium (III)	mg/kg	1	NONE	-	15	-
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	-	16	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	-	29	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	-	120	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	-	0.5	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	-	16	-
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	-	< 1.0	-
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	-	18	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	-	300	-

Monoaromatics & Oxygenates

Benzene	µg/kg	1	MCERTS	-	< 1.0	-
Toluene	µg/kg	1	MCERTS	-	< 1.0	-
Ethylbenzene	µg/kg	1	MCERTS	-	< 1.0	-
p & m-xylene	µg/kg	1	MCERTS	-	< 1.0	-
o-xylene	µg/kg	1	MCERTS	-	< 1.0	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	-	< 1.0	-

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_1D_AL	mg/kg	0.001	MCERTS	-	< 0.001	-
TPH-CWG - Aliphatic >EC6 - EC8 HS_1D_AL	mg/kg	0.001	MCERTS	-	< 0.001	-
TPH-CWG - Aliphatic >EC8 - EC10 HS_1D_AL	mg/kg	0.001	MCERTS	-	< 0.001	-
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_1D_AL	mg/kg	1	MCERTS	-	< 1.0	-
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_1D_AL	mg/kg	2	MCERTS	-	7.3	-
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_1D_AL	mg/kg	8	MCERTS	-	24	-
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_1D_AL	mg/kg	8	MCERTS	-	40	-
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_1D_AL	mg/kg	10	MCERTS	-	72	-

TPH-CWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.001	MCERTS	-	< 0.001	-
TPH-CWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.001	MCERTS	-	< 0.001	-
TPH-CWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.001	MCERTS	-	< 0.001	-
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	MCERTS	-	8.6	-
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_1D_AR	mg/kg	2	MCERTS	-	35	-
TPH-CWG - Aromatic >EC16 - EC21 EH_CU_1D_AR	mg/kg	10	MCERTS	-	220	-
TPH-CWG - Aromatic >EC21 - EC35 EH_CU_1D_AR	mg/kg	10	MCERTS	-	300	-
TPH-CWG - Aromatic (EC5 - EC35) EH_CU+HS_1D_AR	mg/kg	10	MCERTS	-	560	-

Analytical Report Number: 21-28622
 Project / Site name: Mill Lane, Reading
 Your Order No: 1620045114

Lab Sample Number				2113856	2113857	2113858
Sample Reference				WS05	WS08	WS08
Sample Number				WS05_0.25	WS08_0.5	WS08_0.3
Depth (m)				0.20-0.30	0.40-0.70	0.20-0.40
Date Sampled				13/12/2021	13/12/2021	13/12/2021
Time Taken				None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			

PCBs by GC-MS

PCB Congener 28	mg/kg	0.001	MCERTS	-	< 0.001	-
PCB Congener 52	mg/kg	0.001	MCERTS	-	< 0.001	-
PCB Congener 101	mg/kg	0.001	MCERTS	-	< 0.001	-
PCB Congener 118	mg/kg	0.001	MCERTS	-	< 0.001	-
PCB Congener 138	mg/kg	0.001	MCERTS	-	< 0.001	-
PCB Congener 153	mg/kg	0.001	MCERTS	-	< 0.001	-
PCB Congener 180	mg/kg	0.001	MCERTS	-	< 0.001	-

Total PCBs by GC-MS

Total PCBs	mg/kg	0.007	MCERTS	-	< 0.007	-
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U/S = Unsuitable Sample I/S = Insufficient Sample



Analytical Report Number: 21-28622
Project / Site name: Mill Lane, Reading
Your Order No: 1620045114

Certificate of Analysis - Asbestos Quantification

Methods:

Qualitative Analysis

The samples were analysed qualitatively for asbestos by polarising light and dispersion staining as described by the Health and Safety Executive in HSG 248.

Quantitative Analysis

The analysis was carried out using our documented in-house method A006-PL based on HSE Contract Research Report No: 83/1996: Development and Validation of an analytical method to determine the amount of asbestos in soils and loose aggregates (Davies et al, 1996) and HSG 248. Our method includes initial examination of the entire representative sample, then fractionation and detailed analysis of each fraction, with quantification by hand picking and weighing.

The limit of detection (reporting limit) of this method is 0.001 %.

The method has been validated using samples of at least 100 g, results for samples smaller than this should be interpreted with caution.

Both Qualitative and Quantitative Analyses are UKAS accredited.

Sample Number	Sample ID	Sample Depth (m)	Sample Weight (g)	Asbestos Containing Material Types Detected (ACM)	PLM Results	Asbestos by hand picking/weighing (%)	Total % Asbestos in Sample
2113856	WS05	0.20-0.30	139	Loose Fibres	Amosite	< 0.001	< 0.001
2113857	WS08	0.40-0.70	164	Hard/Cement Type Material & Loose Fibres	Chrysotile	0.253	0.253

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.



Analytical Report Number : 21-28622
Project / Site name: Mill Lane, Reading

* 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 *
2113857	WS08	WS08_0.5	0.40-0.70	Brown clay and loam with gravel and stones.

Analytical Report Number : 21-28622
Project / Site name: Mill Lane, Reading

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with disperion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Boron, water soluble, in soil	Determination of water soluble boron in soil by hot water extract followed by ICP-OES.	In-house method based on Second Site Properties version 3	L038-PL	D	MCERTS
Hexavalent chromium in soil (Lower Level)	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazine followed by colorimetry.	In-house method	L080-PL	W	MCERTS
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (skalar)	L080-PL	W	MCERTS
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
PCB's By GC-MS in soil	Determination of PCB by extraction with acetone and hexane followed by GC-MS.	In-house method based on USEPA 8082	L027-PL	D	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
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.	L019-UK/PL	D	NONE
Total cyanide in soil	Determination of total cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	MCERTS
Total organic carbon (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L009-PL	D	MCERTS
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS.	In-house method based on USEPA8260	L073B-PL	W	MCERTS
Cr (III) in soil	In-house method by calculation from total Cr and Cr VI.	In-house method by calculation	L080-PL	W	NONE
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method with silica gel split/clean up.	L088/76-PL	W	MCERTS

Analytical Report Number : 21-28622
Project / Site name: Mill Lane, Reading

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Asbestos Quantification - Gravimetric	Asbestos quantification by gravimetric method - in house method based on references.	HSE Report No: 83/1996, HSG 248, HSG 264 & SCA Blue Book (draft).	A006-PL	D	ISO 17025

For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.

For method numbers ending in 'PL' 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.

Information in Support of Analytical Results

List of HWOL Acronyms and Operators

Acronym	Descriptions
HS	Headspace Analysis
MS	Mass spectrometry
FID	Flame Ionisation Detector
GC	Gas Chromatography
EH	Extractable Hydrocarbons (i.e. everything extracted by the solvent(s))
CU	Clean-up - e.g. by Florisil®, silica gel
1D	GC - Single coil/column gas chromatography
2D	GC-GC - Double coil/column gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics
AR	Aromatics
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
_	Operator - understore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total



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Analytical Report Number : 21-28851

Project / Site name:	Mill Zone	Samples received on:	14/12/2021
Your job number:	1620013209	Samples instructed on/ Analysis started on:	14/12/2021
Your order number:	1620045114	Analysis completed by:	21/12/2021
Report Issue Number:	1	Report issued on:	21/12/2021
Samples Analysed:	11 soil samples		

Signed: *Karolina Marek*

Karolina Marek
PL Head of Reporting Team
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

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.

Analytical Report Number: 21-28851
Project / Site name: Mill Zone

Lab Sample Number	2115236	2115237	2115238	2115239	2115240
Sample Reference	WS03	WS03	WS02	WS02	WS06
Sample Number	WS03_1	WS03_0.5	WS02_2.5	WS02_3.5	WS06_0.3
Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled	13/12/2021	13/12/2021	13/12/2021	13/12/2021	13/12/2021
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status		
Stone Content	%	0.1	NONE	< 0.1	23
Moisture Content	%	0.01	NONE	24	13
Total mass of sample received	kg	0.001	NONE	0.90	0.70

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	SFS	SFS	SFS	SFS	SFS

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.7	8.2	9.6	9.0	-
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	600	170	360	220	-
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.30	0.085	0.18	0.11	-
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	6.4	-	-	-	-

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	-
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	-
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	-
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	-
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	0.33	0.70	< 0.05	-
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	-
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.72	1.5	< 0.05	-
Pyrene	mg/kg	0.05	MCERTS	< 0.05	0.61	1.3	< 0.05	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.55	0.80	< 0.05	-
Chrysene	mg/kg	0.05	MCERTS	< 0.05	0.46	0.71	< 0.05	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.53	0.88	< 0.05	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.32	0.45	< 0.05	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.47	0.79	< 0.05	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.28	0.47	< 0.05	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	0.30	0.46	< 0.05	-

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	4.57	8.13	< 0.80	-
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Analytical Report Number: 21-28851
Project / Site name: Mill Zone

Lab Sample Number	2115236	2115237	2115238	2115239	2115240
Sample Reference	WS03	WS03	WS02	WS02	WS06
Sample Number	WS03_1	WS03_0.5	WS02_2.5	WS02_3.5	WS06_0.3
Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled	13/12/2021	13/12/2021	13/12/2021	13/12/2021	13/12/2021
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status		

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	38	17	9.8	6.3	-
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	4.6	0.89	1.0	0.21	-
Boron (water soluble)	mg/kg	0.2	MCERTS	4.8	1.2	1.1	1.0	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	-
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	-
Chromium (III)	mg/kg	1	NONE	17	16	24	6.7	-
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	18	16	24	6.7	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	300	89	24	11	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	500	840	89	7.6	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	2.8	2.9	< 0.3	< 0.3	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	55	21	20	7.7	-
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	61	29	41	12	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	290	230	75	23	-

Monoaromatics & Oxygenates

Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_1D_AL}	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_1D_AL}	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_1D_AL}	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_1D_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_1D_AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	-
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_1D_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	-
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_1D_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	42	< 8.0	-
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_1D_AL}	mg/kg	10	MCERTS	< 10	< 10	42	< 10	-

TPH-CWG - Aromatic >EC5 - EC7 _{HS_1D_AR}	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aromatic >EC7 - EC8 _{HS_1D_AR}	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aromatic >EC8 - EC10 _{HS_1D_AR}	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_1D_AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_1D_AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	-
TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_1D_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	-
TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_1D_AR}	mg/kg	10	MCERTS	< 10	< 10	29	< 10	-
TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_1D_AR}	mg/kg	10	MCERTS	< 10	< 10	34	< 10	-

VOCs

Chloromethane	µg/kg	1	ISO 17025	-	-	< 1.0	< 1.0	-
Chloroethane	µg/kg	1	NONE	-	-	< 1.0	< 1.0	-
Bromomethane	µg/kg	1	ISO 17025	-	-	< 1.0	< 1.0	-
Vinyl Chloride	µg/kg	1	NONE	-	-	< 1.0	< 1.0	-
Trichlorofluoromethane	µg/kg	1	NONE	-	-	< 1.0	< 1.0	-
1,1-Dichloroethene	µg/kg	1	NONE	-	-	< 1.0	< 1.0	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	1	ISO 17025	-	-	< 1.0	< 1.0	-
Cis-1,2-dichloroethene	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-

Analytical Report Number: 21-28851
Project / Site name: Mill Zone

Lab Sample Number				2115236	2115237	2115238	2115239	2115240
Sample Reference				WS03	WS03	WS02	WS02	WS06
Sample Number				WS03_1	WS03_0.5	WS02_2.5	WS02_3.5	WS06_0.3
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				13/12/2021	13/12/2021	13/12/2021	13/12/2021	13/12/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
1,1-Dichloroethane	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
2,2-Dichloropropane	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
Trichloromethane	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
1,1,1-Trichloroethane	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
1,2-Dichloroethane	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
1,1-Dichloropropene	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
Trans-1,2-dichloroethene	µg/kg	1	NONE	-	-	< 1.0	< 1.0	-
Benzene	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
Tetrachloromethane	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
1,2-Dichloropropane	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
Trichloroethene	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
Dibromomethane	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
Bromodichloromethane	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
Cis-1,3-dichloropropene	µg/kg	1	ISO 17025	-	-	< 1.0	< 1.0	-
Trans-1,3-dichloropropene	µg/kg	1	ISO 17025	-	-	< 1.0	< 1.0	-
Toluene	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
1,1,2-Trichloroethane	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
1,3-Dichloropropane	µg/kg	1	ISO 17025	-	-	< 1.0	< 1.0	-
Dibromochloromethane	µg/kg	1	ISO 17025	-	-	< 1.0	< 1.0	-
Tetrachloroethene	µg/kg	1	NONE	-	-	< 1.0	< 1.0	-
1,2-Dibromoethane	µg/kg	1	ISO 17025	-	-	< 1.0	< 1.0	-
Chlorobenzene	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
1,1,1,2-Tetrachloroethane	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
Ethylbenzene	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
p & m-Xylene	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
Styrene	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
Tribromomethane	µg/kg	1	NONE	-	-	< 1.0	< 1.0	-
o-Xylene	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
1,1,1,2,2-Tetrachloroethane	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
Isopropylbenzene	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
Bromobenzene	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
n-Propylbenzene	µg/kg	1	ISO 17025	-	-	< 1.0	< 1.0	-
2-Chlorotoluene	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
4-Chlorotoluene	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
1,3,5-Trimethylbenzene	µg/kg	1	ISO 17025	-	-	< 1.0	< 1.0	-
tert-Butylbenzene	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
1,2,4-Trimethylbenzene	µg/kg	1	ISO 17025	-	-	< 1.0	< 1.0	-
sec-Butylbenzene	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
1,3-Dichlorobenzene	µg/kg	1	ISO 17025	-	-	< 1.0	< 1.0	-
p-Isopropyltoluene	µg/kg	1	ISO 17025	-	-	< 1.0	< 1.0	-
1,2-Dichlorobenzene	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
1,4-Dichlorobenzene	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
Butylbenzene	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
1,2-Dibromo-3-chloropropane	µg/kg	1	ISO 17025	-	-	< 1.0	< 1.0	-
1,2,4-Trichlorobenzene	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
Hexachlorobutadiene	µg/kg	1	MCERTS	-	-	< 1.0	< 1.0	-
1,2,3-Trichlorobenzene	µg/kg	1	ISO 17025	-	-	< 1.0	< 1.0	-

SVOCs

Aniline	mg/kg	0.1	NONE	-	-	< 0.1	< 0.1	-
Phenol	mg/kg	0.2	ISO 17025	-	-	< 0.2	< 0.2	-
2-Chlorophenol	mg/kg	0.1	MCERTS	-	-	< 0.1	< 0.1	-
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	-

Analytical Report Number: 21-28851
Project / Site name: Mill Zone

Lab Sample Number				2115236	2115237	2115238	2115239	2115240
Sample Reference				WS03	WS03	WS02	WS02	WS06
Sample Number				WS03_1	WS03_0.5	WS02_2.5	WS02_3.5	WS06_0.3
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				13/12/2021	13/12/2021	13/12/2021	13/12/2021	13/12/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	-
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	-	-	< 0.1	< 0.1	-
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	-
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	-	-	< 0.1	< 0.1	-
2-Methylphenol	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	-
Hexachloroethane	mg/kg	0.05	MCERTS	-	-	< 0.05	< 0.05	-
Nitrobenzene	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	-
4-Methylphenol	mg/kg	0.2	NONE	-	-	< 0.2	< 0.2	-
Isophorone	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	-
2-Nitrophenol	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	-
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	-
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	-
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	-
Naphthalene	mg/kg	0.05	MCERTS	-	-	< 0.05	< 0.05	-
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	-
4-Chloroaniline	mg/kg	0.1	NONE	-	-	< 0.1	< 0.1	-
Hexachlorobutadiene	mg/kg	0.1	MCERTS	-	-	< 0.1	< 0.1	-
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	-	-	< 0.1	< 0.1	-
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	-	-	< 0.1	< 0.1	-
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	-
2-Methylnaphthalene	mg/kg	0.1	NONE	-	-	< 0.1	< 0.1	-
2-Chloronaphthalene	mg/kg	0.1	MCERTS	-	-	< 0.1	< 0.1	-
Dimethylphthalate	mg/kg	0.1	MCERTS	-	-	< 0.1	< 0.1	-
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	-	-	< 0.1	< 0.1	-
Acenaphthylene	mg/kg	0.05	MCERTS	-	-	< 0.05	< 0.05	-
Acenaphthene	mg/kg	0.05	MCERTS	-	-	< 0.05	< 0.05	-
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	-
Dibenzofuran	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	-
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	-	-	< 0.3	< 0.3	-
Diethyl phthalate	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	-
4-Nitroaniline	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	-
Fluorene	mg/kg	0.05	MCERTS	-	-	< 0.05	< 0.05	-
Azobenzene	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	-
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	-
Hexachlorobenzene	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	-
Phenanthrene	mg/kg	0.05	MCERTS	-	-	0.70	< 0.05	-
Anthracene	mg/kg	0.05	MCERTS	-	-	< 0.05	< 0.05	-
Carbazole	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	-
Dibutyl phthalate	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	-
Anthraquinone	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	-
Fluoranthene	mg/kg	0.05	MCERTS	-	-	1.5	< 0.05	-
Pyrene	mg/kg	0.05	MCERTS	-	-	1.3	< 0.05	-
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	-	-	< 0.3	< 0.3	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	-	-	0.80	< 0.05	-
Chrysene	mg/kg	0.05	MCERTS	-	-	0.71	< 0.05	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	-	-	0.88	< 0.05	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	-	-	0.45	< 0.05	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	-	-	0.79	< 0.05	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	-	-	0.47	< 0.05	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	-	-	< 0.05	< 0.05	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	-	0.46	< 0.05	-

Analytical Report Number: 21-28851
Project / Site name: Mill Zone

Lab Sample Number	2115236	2115237	2115238	2115239	2115240
Sample Reference	WS03	WS03	WS02	WS02	WS06
Sample Number	WS03_1	WS03_0.5	WS02_2.5	WS02_3.5	WS06_0.3
Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled	13/12/2021	13/12/2021	13/12/2021	13/12/2021	13/12/2021
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status		

PCBs by GC-MS

PCB Congener 28	mg/kg	0.001	MCERTS	-	-	-	-	-
PCB Congener 52	mg/kg	0.001	MCERTS	-	-	-	-	-
PCB Congener 101	mg/kg	0.001	MCERTS	-	-	-	-	-
PCB Congener 118	mg/kg	0.001	MCERTS	-	-	-	-	-
PCB Congener 138	mg/kg	0.001	MCERTS	-	-	-	-	-
PCB Congener 153	mg/kg	0.001	MCERTS	-	-	-	-	-
PCB Congener 180	mg/kg	0.001	MCERTS	-	-	-	-	-

Total PCBs by GC-MS

Total PCBs	mg/kg	0.007	MCERTS	-	-	-	-	-
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U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-28851
Project / Site name: Mill Zone

Lab Sample Number				2115241	2115242	2115243	2115244	2115245
Sample Reference				WS06	WS06	WS08	WS04	WS07
Sample Number				WS06_0.7	WS06_2.5	WS08_1	WS04_0.3	WS07_0.5
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				13/12/2021	13/12/2021	13/12/2021	14/12/2021	14/12/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	-	42	22
Moisture Content	%	0.01	NONE	13	20	-	6.1	6.3
Total mass of sample received	kg	0.001	NONE	0.30	0.30	-	0.30	0.50

Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A			SFS	SFS	SFS

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.5	9.0	-	12.1	10.8
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	< 1.0
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	510	150	-	29	660
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.26	0.074	-	0.015	0.33
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	-	< 0.1	-	-	-

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	1.3	1.9
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	0.26	0.43
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	2.3	3.9
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	1.8	3.1
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	0.80	1.6
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	0.85	1.6
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	0.89	1.8
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	0.43	0.80
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	0.71	1.3
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	0.42	0.78
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	0.24
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	0.49	0.95

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	< 0.80	-	10.3	18.4
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Analytical Report Number: 21-28851
Project / Site name: Mill Zone

Lab Sample Number				2115241	2115242	2115243	2115244	2115245
Sample Reference				WS06	WS06	WS08	WS04	WS07
Sample Number				WS06_0.7	WS06_2.5	WS08_1	WS04_0.3	WS07_0.5
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				13/12/2021	13/12/2021	13/12/2021	14/12/2021	14/12/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	14	1.6	-	12	11
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.62	< 0.06	-	0.49	0.54
Boron (water soluble)	mg/kg	0.2	MCERTS	1.3	0.8	-	4.9	3.3
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	0.2	-	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	-	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	14	1.6	-	20	20
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	15	1.6	-	20	20
Copper (aqua regia extractable)	mg/kg	1	MCERTS	94	4.8	-	11	16
Lead (aqua regia extractable)	mg/kg	1	MCERTS	180	2.8	-	29	65
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.7	< 0.3	-	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	20	1.3	-	13	13
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	30	2.4	-	29	27
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	91	15	-	56	61

Monoaromatics & Oxygenates

Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_1D_AL}	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_1D_AL}	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_1D_AL}	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_1D_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	1.4
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_1D_AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	-	< 2.0	6.4
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_1D_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	-	8.5	19
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_1D_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	-	56	89
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_1D_AL}	mg/kg	10	MCERTS	< 10	< 10	-	65	120

TPH-CWG - Aromatic >EC5 - EC7 _{HS_1D_AR}	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_1D_AR}	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_1D_AR}	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_1D_AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_1D_AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	-	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_1D_AR}	mg/kg	10	MCERTS	< 10	< 10	-	< 10	14
TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_1D_AR}	mg/kg	10	MCERTS	< 10	< 10	-	41	55
TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_1D_AR}	mg/kg	10	MCERTS	< 10	< 10	-	49	71

VOCs

Chloromethane	µg/kg	1	ISO 17025	-	-	-	-	-
Chloroethane	µg/kg	1	NONE	-	-	-	-	-
Bromomethane	µg/kg	1	ISO 17025	-	-	-	-	-
Vinyl Chloride	µg/kg	1	NONE	-	-	-	-	-
Trichlorofluoromethane	µg/kg	1	NONE	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1	NONE	-	-	-	-	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	1	ISO 17025	-	-	-	-	-
Cis-1,2-dichloroethene	µg/kg	1	MCERTS	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	-	-	-	-	-

Analytical Report Number: 21-28851
Project / Site name: Mill Zone

Lab Sample Number				2115241	2115242	2115243	2115244	2115245
Sample Reference				WS06	WS06	WS08	WS04	WS07
Sample Number				WS06_0.7	WS06_2.5	WS08_1	WS04_0.3	WS07_0.5
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				13/12/2021	13/12/2021	13/12/2021	14/12/2021	14/12/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
1,1-Dichloroethane	µg/kg	1	MCERTS	-	-	-	-	-
2,2-Dichloropropane	µg/kg	1	MCERTS	-	-	-	-	-
Trichloromethane	µg/kg	1	MCERTS	-	-	-	-	-
1,1,1-Trichloroethane	µg/kg	1	MCERTS	-	-	-	-	-
1,2-Dichloroethane	µg/kg	1	MCERTS	-	-	-	-	-
1,1-Dichloropropene	µg/kg	1	MCERTS	-	-	-	-	-
Trans-1,2-dichloroethene	µg/kg	1	NONE	-	-	-	-	-
Benzene	µg/kg	1	MCERTS	-	-	-	-	-
Tetrachloromethane	µg/kg	1	MCERTS	-	-	-	-	-
1,2-Dichloropropane	µg/kg	1	MCERTS	-	-	-	-	-
Trichloroethene	µg/kg	1	MCERTS	-	-	-	-	-
Dibromomethane	µg/kg	1	MCERTS	-	-	-	-	-
Bromodichloromethane	µg/kg	1	MCERTS	-	-	-	-	-
Cis-1,3-dichloropropene	µg/kg	1	ISO 17025	-	-	-	-	-
Trans-1,3-dichloropropene	µg/kg	1	ISO 17025	-	-	-	-	-
Toluene	µg/kg	1	MCERTS	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	1	MCERTS	-	-	-	-	-
1,3-Dichloropropane	µg/kg	1	ISO 17025	-	-	-	-	-
Dibromochloromethane	µg/kg	1	ISO 17025	-	-	-	-	-
Tetrachloroethene	µg/kg	1	NONE	-	-	-	-	-
1,2-Dibromoethane	µg/kg	1	ISO 17025	-	-	-	-	-
Chlorobenzene	µg/kg	1	MCERTS	-	-	-	-	-
1,1,1,2-Tetrachloroethane	µg/kg	1	MCERTS	-	-	-	-	-
Ethylbenzene	µg/kg	1	MCERTS	-	-	-	-	-
p & m-Xylene	µg/kg	1	MCERTS	-	-	-	-	-
Styrene	µg/kg	1	MCERTS	-	-	-	-	-
Tribromomethane	µg/kg	1	NONE	-	-	-	-	-
o-Xylene	µg/kg	1	MCERTS	-	-	-	-	-
1,1,1,2,2-Tetrachloroethane	µg/kg	1	MCERTS	-	-	-	-	-
Isopropylbenzene	µg/kg	1	MCERTS	-	-	-	-	-
Bromobenzene	µg/kg	1	MCERTS	-	-	-	-	-
n-Propylbenzene	µg/kg	1	ISO 17025	-	-	-	-	-
2-Chlorotoluene	µg/kg	1	MCERTS	-	-	-	-	-
4-Chlorotoluene	µg/kg	1	MCERTS	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	1	ISO 17025	-	-	-	-	-
tert-Butylbenzene	µg/kg	1	MCERTS	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	1	ISO 17025	-	-	-	-	-
sec-Butylbenzene	µg/kg	1	MCERTS	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	1	ISO 17025	-	-	-	-	-
p-Isopropyltoluene	µg/kg	1	ISO 17025	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1	MCERTS	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	1	MCERTS	-	-	-	-	-
Butylbenzene	µg/kg	1	MCERTS	-	-	-	-	-
1,2-Dibromo-3-chloropropane	µg/kg	1	ISO 17025	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	1	MCERTS	-	-	-	-	-
Hexachlorobutadiene	µg/kg	1	MCERTS	-	-	-	-	-
1,2,3-Trichlorobenzene	µg/kg	1	ISO 17025	-	-	-	-	-

SVOCs

Aniline	mg/kg	0.1	NONE	-	-	-	-	-
Phenol	mg/kg	0.2	ISO 17025	-	-	-	-	-
2-Chlorophenol	mg/kg	0.1	MCERTS	-	-	-	-	-
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	-	-	-	-	-

Analytical Report Number: 21-28851
Project / Site name: Mill Zone

Lab Sample Number				2115241	2115242	2115243	2115244	2115245
Sample Reference				WS06	WS06	WS08	WS04	WS07
Sample Number				WS06_0.7	WS06_2.5	WS08_1	WS04_0.3	WS07_0.5
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				13/12/2021	13/12/2021	13/12/2021	14/12/2021	14/12/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	-	-	-	-	-
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	-	-	-	-	-
2-Methylphenol	mg/kg	0.3	MCERTS	-	-	-	-	-
Hexachloroethane	mg/kg	0.05	MCERTS	-	-	-	-	-
Nitrobenzene	mg/kg	0.3	MCERTS	-	-	-	-	-
4-Methylphenol	mg/kg	0.2	NONE	-	-	-	-	-
Isophorone	mg/kg	0.2	MCERTS	-	-	-	-	-
2-Nitrophenol	mg/kg	0.3	MCERTS	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	-	-	-	-	-
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	-	-	-	-	-
Naphthalene	mg/kg	0.05	MCERTS	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	-	-	-	-	-
4-Chloroaniline	mg/kg	0.1	NONE	-	-	-	-	-
Hexachlorobutadiene	mg/kg	0.1	MCERTS	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	-	-	-	-	-
2-Methylnaphthalene	mg/kg	0.1	NONE	-	-	-	-	-
2-Chloronaphthalene	mg/kg	0.1	MCERTS	-	-	-	-	-
Dimethylphthalate	mg/kg	0.1	MCERTS	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	-	-	-	-	-
Acenaphthylene	mg/kg	0.05	MCERTS	-	-	-	-	-
Acenaphthene	mg/kg	0.05	MCERTS	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	-	-	-	-	-
Dibenzofuran	mg/kg	0.2	MCERTS	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	-	-	-	-	-
Diethyl phthalate	mg/kg	0.2	MCERTS	-	-	-	-	-
4-Nitroaniline	mg/kg	0.2	MCERTS	-	-	-	-	-
Fluorene	mg/kg	0.05	MCERTS	-	-	-	-	-
Azobenzene	mg/kg	0.3	MCERTS	-	-	-	-	-
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	-	-	-	-	-
Hexachlorobenzene	mg/kg	0.3	MCERTS	-	-	-	-	-
Phenanthrene	mg/kg	0.05	MCERTS	-	-	-	-	-
Anthracene	mg/kg	0.05	MCERTS	-	-	-	-	-
Carbazole	mg/kg	0.3	MCERTS	-	-	-	-	-
Dibutyl phthalate	mg/kg	0.2	MCERTS	-	-	-	-	-
Anthraquinone	mg/kg	0.3	MCERTS	-	-	-	-	-
Fluoranthene	mg/kg	0.05	MCERTS	-	-	-	-	-
Pyrene	mg/kg	0.05	MCERTS	-	-	-	-	-
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	-	-	-	-	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	-	-	-	-	-
Chrysene	mg/kg	0.05	MCERTS	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	-	-	-	-	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	-	-	-	-	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	-	-	-	-

Analytical Report Number: 21-28851

Project / Site name: Mill Zone

Lab Sample Number				2115241	2115242	2115243	2115244	2115245
Sample Reference				WS06	WS06	WS08	WS04	WS07
Sample Number				WS06_0.7	WS06_2.5	WS08_1	WS04_0.3	WS07_0.5
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				13/12/2021	13/12/2021	13/12/2021	14/12/2021	14/12/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
PCBs by GC-MS								
PCB Congener 28	mg/kg	0.001	MCERTS	< 0.001	-	-	-	-
PCB Congener 52	mg/kg	0.001	MCERTS	< 0.001	-	-	-	-
PCB Congener 101	mg/kg	0.001	MCERTS	< 0.001	-	-	-	-
PCB Congener 118	mg/kg	0.001	MCERTS	< 0.001	-	-	-	-
PCB Congener 138	mg/kg	0.001	MCERTS	< 0.001	-	-	-	-
PCB Congener 153	mg/kg	0.001	MCERTS	< 0.001	-	-	-	-
PCB Congener 180	mg/kg	0.001	MCERTS	< 0.001	-	-	-	-
Total PCBs by GC-MS								
Total PCBs	mg/kg	0.007	MCERTS	< 0.007	-	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-28851
Project / Site name: Mill Zone

Lab Sample Number				2116630
Sample Reference				WS02
Sample Number				WS02_3.8
Depth (m)				None Supplied
Date Sampled				13/12/2021
Time Taken				None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status	
Stone Content	%	0.1	NONE	< 0.1
Moisture Content	%	0.01	NONE	19
Total mass of sample received	kg	0.001	NONE	1.0

Asbestos in Soil	Type	N/A	ISO 17025	-
Asbestos Analyst ID	N/A	N/A	N/A	

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.7
Total Cyanide	mg/kg	1	MCERTS	< 1.0
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	280
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.14
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	-

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80
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Analytical Report Number: 21-28851

Project / Site name: Mill Zone

Lab Sample Number				2116630
Sample Reference				WS02
Sample Number				WS02_3.8
Depth (m)				None Supplied
Date Sampled				13/12/2021
Time Taken				None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status	
Heavy Metals / Metalloids				
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	3.5
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.12
Boron (water soluble)	mg/kg	0.2	MCERTS	4.7
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.3
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2
Chromium (III)	mg/kg	1	NONE	2.7
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	2.7
Copper (aqua regia extractable)	mg/kg	1	MCERTS	3.5
Lead (aqua regia extractable)	mg/kg	1	MCERTS	2.8
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	3.7
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	6.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	17

Monoaromatics & Oxygenates

Benzene	µg/kg	1	MCERTS	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_1D_AL}	mg/kg	0.001	MCERTS	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_1D_AL}	mg/kg	0.001	MCERTS	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_1D_AL}	mg/kg	0.001	MCERTS	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_1D_AL}	mg/kg	1	MCERTS	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_1D_AL}	mg/kg	2	MCERTS	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_1D_AL}	mg/kg	8	MCERTS	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_1D_AL}	mg/kg	8	MCERTS	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_1D_AL}	mg/kg	10	MCERTS	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS_1D_AR}	mg/kg	0.001	MCERTS	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_1D_AR}	mg/kg	0.001	MCERTS	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_1D_AR}	mg/kg	0.001	MCERTS	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_1D_AR}	mg/kg	1	MCERTS	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_1D_AR}	mg/kg	2	MCERTS	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_1D_AR}	mg/kg	10	MCERTS	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_1D_AR}	mg/kg	10	MCERTS	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_1D_AR}	mg/kg	10	MCERTS	< 10

VOCs

Chloromethane	µg/kg	1	ISO 17025	< 1.0
Chloroethane	µg/kg	1	NONE	< 1.0
Bromomethane	µg/kg	1	ISO 17025	< 1.0
Vinyl Chloride	µg/kg	1	NONE	< 1.0
Trichlorofluoromethane	µg/kg	1	NONE	< 1.0
1,1-Dichloroethene	µg/kg	1	NONE	< 1.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	1	ISO 17025	< 1.0
Cis-1,2-dichloroethene	µg/kg	1	MCERTS	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0

Analytical Report Number: 21-28851
Project / Site name: Mill Zone

Lab Sample Number				2116630
Sample Reference				WS02
Sample Number				WS02_3.8
Depth (m)				None Supplied
Date Sampled				13/12/2021
Time Taken				None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status	
1,1-Dichloroethane	µg/kg	1	MCERTS	< 1.0
2,2-Dichloropropane	µg/kg	1	MCERTS	< 1.0
Trichloromethane	µg/kg	1	MCERTS	< 1.0
1,1,1-Trichloroethane	µg/kg	1	MCERTS	< 1.0
1,2-Dichloroethane	µg/kg	1	MCERTS	< 1.0
1,1-Dichloropropene	µg/kg	1	MCERTS	< 1.0
Trans-1,2-dichloroethene	µg/kg	1	NONE	< 1.0
Benzene	µg/kg	1	MCERTS	< 1.0
Tetrachloromethane	µg/kg	1	MCERTS	< 1.0
1,2-Dichloropropane	µg/kg	1	MCERTS	< 1.0
Trichloroethene	µg/kg	1	MCERTS	< 1.0
Dibromomethane	µg/kg	1	MCERTS	< 1.0
Bromodichloromethane	µg/kg	1	MCERTS	< 1.0
Cis-1,3-dichloropropene	µg/kg	1	ISO 17025	< 1.0
Trans-1,3-dichloropropene	µg/kg	1	ISO 17025	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0
1,1,2-Trichloroethane	µg/kg	1	MCERTS	< 1.0
1,3-Dichloropropane	µg/kg	1	ISO 17025	< 1.0
Dibromochloromethane	µg/kg	1	ISO 17025	< 1.0
Tetrachloroethene	µg/kg	1	NONE	< 1.0
1,2-Dibromoethane	µg/kg	1	ISO 17025	< 1.0
Chlorobenzene	µg/kg	1	MCERTS	< 1.0
1,1,1,2-Tetrachloroethane	µg/kg	1	MCERTS	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0
p & m-Xylene	µg/kg	1	MCERTS	< 1.0
Styrene	µg/kg	1	MCERTS	< 1.0
Tribromomethane	µg/kg	1	NONE	< 1.0
o-Xylene	µg/kg	1	MCERTS	< 1.0
1,1,2,2-Tetrachloroethane	µg/kg	1	MCERTS	< 1.0
Isopropylbenzene	µg/kg	1	MCERTS	< 1.0
Bromobenzene	µg/kg	1	MCERTS	< 1.0
n-Propylbenzene	µg/kg	1	ISO 17025	< 1.0
2-Chlorotoluene	µg/kg	1	MCERTS	< 1.0
4-Chlorotoluene	µg/kg	1	MCERTS	< 1.0
1,3,5-Trimethylbenzene	µg/kg	1	ISO 17025	< 1.0
tert-Butylbenzene	µg/kg	1	MCERTS	< 1.0
1,2,4-Trimethylbenzene	µg/kg	1	ISO 17025	< 1.0
sec-Butylbenzene	µg/kg	1	MCERTS	< 1.0
1,3-Dichlorobenzene	µg/kg	1	ISO 17025	< 1.0
p-Isopropyltoluene	µg/kg	1	ISO 17025	< 1.0
1,2-Dichlorobenzene	µg/kg	1	MCERTS	< 1.0
1,4-Dichlorobenzene	µg/kg	1	MCERTS	< 1.0
Butylbenzene	µg/kg	1	MCERTS	< 1.0
1,2-Dibromo-3-chloropropane	µg/kg	1	ISO 17025	< 1.0
1,2,4-Trichlorobenzene	µg/kg	1	MCERTS	< 1.0
Hexachlorobutadiene	µg/kg	1	MCERTS	< 1.0
1,2,3-Trichlorobenzene	µg/kg	1	ISO 17025	< 1.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2

Analytical Report Number: 21-28851
Project / Site name: Mill Zone

Lab Sample Number				2116630
Sample Reference				WS02
Sample Number				WS02_3.8
Depth (m)				None Supplied
Date Sampled				13/12/2021
Time Taken				None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status	
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3
Hexachloroethane	mg/kg	0.05	MCERTS	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2
2-Nitrophenol	mg/kg	0.3	MCERTS	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2
4-Nitroaniline	mg/kg	0.2	MCERTS	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05
Azobenzene	mg/kg	0.3	MCERTS	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3
Dibutyl phthalate	mg/kg	0.2	MCERTS	< 0.2
Anthraquinone	mg/kg	0.3	MCERTS	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05

Analytical Report Number: 21-28851
Project / Site name: Mill Zone

Lab Sample Number				2116630
Sample Reference				WS02
Sample Number				WS02_3.8
Depth (m)				None Supplied
Date Sampled				13/12/2021
Time Taken				None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status	
PCBs by GC-MS				
PCB Congener 28	mg/kg	0.001	MCERTS	-
PCB Congener 52	mg/kg	0.001	MCERTS	-
PCB Congener 101	mg/kg	0.001	MCERTS	-
PCB Congener 118	mg/kg	0.001	MCERTS	-
PCB Congener 138	mg/kg	0.001	MCERTS	-
PCB Congener 153	mg/kg	0.001	MCERTS	-
PCB Congener 180	mg/kg	0.001	MCERTS	-
Total PCBs by GC-MS				
Total PCBs	mg/kg	0.007	MCERTS	-

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number : 21-28851

Project / Site name: Mill Zone

* 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 *
2115236	WS03	WS03_1	None Supplied	Brown loam and sand with gravel.
2115237	WS03	WS03_0.5	None Supplied	Brown loam and sand with brick and stones.
2115238	WS02	WS02_2.5	None Supplied	Brown loam and sand with stones.
2115239	WS02	WS02_3.5	None Supplied	Brown clay and sand with chalk and stones.
2115241	WS06	WS06_0.7	None Supplied	Brown clay and loam with gravel.
2115242	WS06	WS06_2.5	None Supplied	Beige clay and sand with chalk.
2115244	WS04	WS04_0.3	None Supplied	Brown sand with stones.
2115245	WS07	WS07_0.5	None Supplied	Brown sand with stones.
2116630	WS02	WS02_3.8	None Supplied	Grey clay and sand with chalk.

Analytical Report Number : 21-28851

Project / Site name: Mill Zone

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with disperion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Boron, water soluble, in soil	Determination of water soluble boron in soil by hot water extract followed by ICP-OES.	In-house method based on Second Site Properties version 3	L038-PL	D	MCERTS
Hexavalent chromium in soil (Lower Level)	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazine followed by colorimetry.	In-house method	L080-PL	W	MCERTS
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (skalar)	L080-PL	W	MCERTS
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
PCB's By GC-MS in soil	Determination of PCB by extraction with acetone and hexane followed by GC-MS.	In-house method based on USEPA 8082	L027-PL	D	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
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.	L019-UK/PL	D	NONE
Semi-volatile organic compounds in soil	Determination of semi-volatile organic compounds in soil by extraction in dichloromethane and hexane followed by GC-MS.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
Total cyanide in soil	Determination of total cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	MCERTS
Total organic carbon (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L009-PL	D	MCERTS
Volatile organic compounds in soil	Determination of volatile organic compounds in soil by headspace GC-MS.	In-house method based on USEPA8260	L073B-PL	W	MCERTS
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS.	In-house method based on USEPA8260	L073B-PL	W	MCERTS
Cr (III) in soil	In-house method by calculation from total Cr and Cr VI.	In-house method by calculation	L080-PL	W	NONE

Analytical Report Number : 21-28851

Project / Site name: Mill Zone

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method with silica gel split/clean up.	L088/76-PL	W	MCERTS

For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.

For method numbers ending in 'PL' 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.

Information in Support of Analytical Results

List of HWOL Acronyms and Operators

Acronym	Descriptions
HS	Headspace Analysis
MS	Mass spectrometry
FID	Flame Ionisation Detector
GC	Gas Chromatography
EH	Extractable Hydrocarbons (i.e. everything extracted by the solvent(s))
CU	Clean-up - e.g. by Florisil®, silica gel
1D	GC - Single coil/column gas chromatography
2D	GC-GC - Double coil/column gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics
AR	Aromatics
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
-	Operator - understore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total

Sample Deviation Report



Analytical Report Number : 21-28851

Project / Site name: Mill Zone

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
WS04	WS04_0.3	S	2115244	b	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	b
WS04	WS04_0.3	S	2115244	b	TPHCWG (Soil)	L088/76-PL	b
WS07	WS07_0.5	S	2115245	b	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	b
WS07	WS07_0.5	S	2115245	b	TPHCWG (Soil)	L088/76-PL	b

APPENDIX 5

GQRA SCREENING TABLES

Lab Certificate			Human Health GAC - Commercial	Controlled Waters Assessment GAC - Groundwater	Controlled Waters Assessment GAC - Surface Water	21-29427	21-29427	21-29427	21-29427	21-29427	22-33535	22-33535
Lab Sample Number						2118399	2118400	2118401	2118402	2118403	2139686	2139687
Sample Reference						WS02	WS05	WS08	BH01	BH02	BH01	WS02
Additional Sample Reference						None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)						None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled						16/12/2021	16/12/2021	16/12/2021	16/12/2021	16/12/2021	17/12/2022	17/12/2022
Determinand												
Units												
Limit of Detection												
Other Analysis												
Ammoniacal Nitrogen as N	mg/l	<0.015	NC	1.27	0.75 (moderate status)	0.035	<0.015	<0.015	0.02	<0.015	0.039	0.062
Hardness - Total	mgCaCO3/l	1	NC	NC	NC	276	282	301	494	348	454	26.6
pH	pH Units	N/A	NC	NC	NC	7.9	7.6	7.4	7.3	7.5	7.2	7.7
Sulphate as SO4	µg/l	45	NC	250000	400000	16700	43900	39700	109000	49400	109000	2360
Total Cyanide	µg/l	10	NV	NC	NC	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Total Phenols (monohydric)	µg/l	10	NV	NC	NC	< 10	< 10	< 10	< 10	< 10	< 10	< 10
C4SL Compounds												
Arsenic	µg/l	0.15	NV	7.5	50	1.72	4.40	7.47	4.15	1.10	4.60	0.53
Benzene (C4SL)	µg/l	1	20000	NC	NC	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzo(a)pyrene	µg/l	0.01	NV	NC	NC	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cadmium	µg/l	0.02	NV	5	0.25	0.02	< 0.02	0.02	< 0.02	< 0.02	0.02	0.03
Chromium VI	µg/l	5	NV	NC	NC	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Lead	µg/l	0.2	NV	10	1.2 (bioavailable)	0.3	0.3	0.2	< 0.2	0.2	< 0.2	< 0.2
Speciated PAHs												
Acenaphthene	µg/l	0.01	15000000	NC	NC	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	µg/l	0.01	20000000	NC	NC	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	µg/l	0.01	NV	NC	NC	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(a)anthracene	µg/l	0.01	NV	NC	NC	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(a)pyrene	µg/l	0.01	NV	NC	0.000017	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(b)fluoranthene	µg/l	0.01	NV	NC	NC	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(ghi)perylene	µg/l	0.01	NV	NC	NC	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(k)fluoranthene	µg/l	0.01	NV	NC	NC	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chrysene	µg/l	0.01	NV	NC	NC	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibenz(a,h)anthracene	µg/l	0.01	NV	NC	NC	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	µg/l	0.01	NV	NC	NC	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluorene	µg/l	0.01	18000000	NC	NC	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Indeno(1,2,3-cd)pyrene	µg/l	0.01	NV	NC	NC	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	µg/l	0.01	190000	NC	NC	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	µg/l	0.01	NV	NC	NC	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Pyrene	µg/l	0.01	NV	NC	NC	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total EPA-16 PAHs	µg/l	0.16	NC	NC	NC	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Heavy Metals / Metalloids												
Boron (dissolved)	mg/l	0.01	NV	1	2	0.066	0.11	0.093	0.32	0.12	0.26	0.012
Calcium (dissolved)	mg/l	0.012	NC	NC	NC	100	110	120	180	130	170	9.6
Chromium (hexavalent)	µg/l	5	NV	NC	NC	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chromium (III)	µg/l	5	NV	50	4.7	< 5.0	8.7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Magnesium (dissolved)	mg/l	0.005	NC	NC	NC	4.5	3.8	2.8	8.0	4.2	6.1	0.63
Arsenic (dissolved)	µg/l	0.15	NV	10	50	1.72	4.40	7.47	4.15	1.10	4.60	0.53
Beryllium (dissolved)	µg/l	0.1	NV	NC	NC	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Cadmium (dissolved)	µg/l	0.02	NV	5	0.25	0.02	< 0.02	0.02	< 0.02	< 0.02	0.02	0.03
Chromium (dissolved)	µg/l	0.2	NC	50	4.7	1.8	8.7	3.2	2.4	1.9	3.3	0.7
Copper (dissolved)	µg/l	0.5	NV	2000	1 (bioavailable)	6.5	5.3	7.1	4.4	5.4	6.2	4.6
Lead (dissolved)	µg/l	0.2	NV	10	1.2 (bioavailable)	0.3	0.3	0.2	< 0.2	0.2	< 0.2	< 0.2
Mercury (dissolved)	µg/l	0.05	NV	1	NC	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.06	< 0.05
Nickel (dissolved)	µg/l	0.5	NV	20	4 (bioavailable)	4.9	4.0	3.7	5.6	8.2	4.2	1.9
Selenium (dissolved)	µg/l	0.6	NV	NC	NC	1.7	3.4	2.7	1.5	1.3	2.6	< 0.6
Vanadium (dissolved)	µg/l	0.2	NV	NC	60	2.2	2.8	7.3	1.3	0.7	1.8	0.5
Zinc (dissolved)	µg/l	0.5	NV	23.1	10.9 (bioavailable)	31	10	19	7.0	15	8.6	340
BTEx (MTBE)												
Benzene	µg/l	1	20000	NC	NC	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/l	1	960000	NC	NC	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/l	1	7800000	NC	NC	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/l	1	1100000	NC	NC	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/l	1	940000	NC	NC	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	1	21000000	NC	NC	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Petroleum Hydrocarbons												
TPH-CWG - Aliphatic >C5 - C6	µg/l	1	190000	NC	NC	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >C6 - C8	µg/l	1	150000	10	10	50	< 1.0	< 1.0	130	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >C8 - C10	µg/l	1	5700	10	10	260	< 1.0	< 1.0	540	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >C10 - C12	µg/l	10	3600	10	10	45	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic >C12 - C16	µg/l	10	NV	10	10	91	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic >C16 - C21	µg/l	10	NC	10	10	95	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic >C21 - C35	µg/l	10	NC	NC	NC	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic (C5 - C35)	µg/l	10	NC	10	10	540	< 10	< 10	670	< 10	< 10	< 10
TPH-CWG - Aromatic >C5 - C7	µg/l	1	NC	NC	NC	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >C7 - C8	µg/l	1	NC	NC	NC	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >C8 - C10	µg/l	1	190000	NC	NC	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >C10 - C12	µg/l	10	660000	10	10	74	< 10	< 10	140	< 10	170	< 10
TPH-CWG - Aromatic >C12 - C16	µg/l	10	3700000	10	10	45	< 10	< 10	25	< 10	50	< 10
TPH-CWG - Aromatic >C16 - C21	µg/l	10	NV	NC	NC	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >C21 - C35	µg/l	10	NV	NC	NC	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (C5 - C35)	µg/l	10	NC	10	10	120	< 10	< 10	160	< 10	220	< 10

Lab Certificate			Human Health GAC - Commercial	Controlled Waters Assessment GAC - Groundwater	Controlled Waters Assessment GAC - Surface Water	21-29427	21-29427	21-29427	21-29427	21-29427	22-33535	22-33535
Lab Sample Number						2118399	2118400	2118401	2118402	2118403	2139686	2139687
Sample Reference						WS02	WS05	WS08	BH01	BH02	BH01	WS02
Additional Sample Reference						None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)						None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled						16/12/2021	16/12/2021	16/12/2021	16/12/2021	16/12/2021	17/12/2022	17/12/2022
Determinand	Units	Limit of Detection										
VOCs												
Bromobenzene	µg/l	1	No values above laboratory limit of detection so no screening required.			< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Butylbenzene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
sec-Butylbenzene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
tert-Butylbenzene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromochloromethane	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-chloropropane	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromoethane	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Dichloroethene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cis-1,2-dichloroethene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,2-dichloroethene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2,2-Dichloropropane	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cis-1,3-dichloropropene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-dichloropropene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p-Isopropyltoluene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
n-Propylbenzene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trichlorobenzene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloromethane	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,1-Trichloroethane	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Trichloroethane	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	µg/l	1				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SVOCs												
Aniline	µg/l	0.05	No values above laboratory limit of detection so no screening required.			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthraquinone	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-chloroethoxy)methane	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-chloroethyl)ether	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-chloroisopropyl)ether	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromophenyl phenyl ether	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Butyl benzyl phthalate	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloroaniline	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloro-3-methylphenol	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chloronaphthalene	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorophenol	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorophenyl phenyl ether	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzofuran	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibutyl phthalate	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Diethyl phthalate	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dimethylphenol	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dimethylphthalate	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,6-Dinitrotoluene	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobutadiene	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachloroethane	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Isophorone	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylphenol	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
38:4-Methylphenol	µg/l	0.1				< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
4-Methylphenol	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitroaniline	µg/l	0.05				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	µg/l	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
2-Nitrophenol	µg/l	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Phenol	µg/l	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
1,2,4-Trichlorobenzene	µg/l	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
2,4,5-Trichlorophenol	µg/l	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
2,4,6-Trichlorophenol	µg/l	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Assumptions (Human Health)												
C4SL exposure scenario adopted (DEFRA SP1010 2013 - C4SL documents). GAC also provided for 'C4SL compounds' for use in areas where C4SLs may not have been adopted.												
Modelling package used: CLEA												
Toxicity data sourced in accordance with Environment Agency defined heirarchy of data sources, based on minimal risk with the exception of the published C4SL compounds which are based on a low risk level.												
Methodology based on SOBRA 2017 Development of Generic Assessment Criteria for Assessing Vapour Risks to Human Health from Volatile Contaminants in Groundwater												
Notes:												
NV - Non volatile. Only compounds with Kaw<4E-4 considered a potential risk via volatilisation pathways (SOBRA)												
NC - No Criteria												
Value in excess of GW GAC												
Value in excess of SW GAC												

Lab Certificate		Human Health GAC - Commercial																		
Lab Sample Number	Sample Reference																			
Additional Sample Reference																				
Depth (m)	Date Sampled																			
Determinand	Units																			
Other Analysis																				
pH - Automated	pH Units	NC	8.6	-	8.6	9.6	9.0	7.7	8.2	7.7	12.1	-	-	-	8.5	9.0	10.8	-	9.9	-
Total Organic Carbon (TOC) - Automated	%	NC		0.7						6.4		-	-	-		<0.1			1.4	-
Total Cyanide	mg/kg	2100[1]	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-	-	<1.0	<1.0	<1.0	-	<1.0	-
Total Phenols (monohydric)	mg/kg	380 [2]	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-	-	<1.0	<1.0	<1.0	-	<1.0	-
CASL Compounds																				
Arsenic	mg/kg	640	30	-	3.0	9.8	6.3	3.5	17	38	12	-	-	-	14	1.6	11	-	8.7	-
Benzene	mg/kg	15	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzo(a)pyrene	mg/kg	76	2.8	-	<0.05	0.79	<0.05	<0.05	0.71	-	-	-	-	-	<0.05	<0.05	1.3	-	42	-
Chromium VI	mg/kg	49	<1.2	-	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	-	-	-	<1.2	<1.2	<1.2	-	<1.2	-
Lead	mg/kg	2300	26	-	89	7.6	840	500	29	180	65	-	-	-	180	7.8	65	-	120	-
Cadmium	mg/kg	410	<0.2	-	0.3	<0.2	<0.2	0.3	<0.2	<0.2	<0.2	-	-	-	<0.2	0.2	<0.2	-	0.4	-
Asbestos																				
Asbestos in Soil	Type	None Detected	Not-detected	-	-	Not-detected	Not-detected	-	Not-detected	Not-detected	Not-detected	Detected	Not-detected	-	-	Not-detected	Not-detected	Detected	Not-detected	
Heavy Metals																				
Arsenic	mg/kg	640	30	-	3.0	9.8	6.3	3.5	17	38	12	-	-	-	14	1.6	11	-	8.7	-
Beryllium	mg/kg	12	0.81	-	0.13	1.0	0.21	0.12	0.89	4.6	0.49	-	-	-	0.62	<0.06	0.54	-	0.37	-
Boron	mg/kg	240000	1.2	-	0.2	1.1	1.0	4.7	1.2	4.8	4.9	-	-	-	1.3	0.8	3.3	-	<0.2	-
Cadmium	mg/kg	410	<0.2	-	0.3	<0.2	<0.2	0.3	<0.2	<0.2	<0.2	-	-	-	<0.2	0.2	<0.2	-	0.4	-
Chromium (III)	mg/kg	8600	20	-	3.8	24	6.7	2.7	16	17	20	-	-	-	14	1.6	20	-	15	-
Chromium VI	mg/kg	49	<1.2	-	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	-	-	-	<1.2	<1.2	<1.2	-	<1.2	-
Copper	mg/kg	68000	230	-	13	24	11	3.5	89	300	11	-	-	-	94	4.8	16	-	29	-
Lead	mg/kg	2300	270	-	26	89	7.6	2.8	840	500	29	-	-	-	180	2.8	65	-	120	-
Mercury - Inorganic	mg/kg	11000	0.8	-	<0.3	<0.3	<0.3	<0.3	2.9	2.8	<0.3	-	-	-	0.7	<0.3	<0.3	-	0.5	-
Nickel	mg/kg	980	24	-	4.0	20	7.7	3.7	21	55	13	-	-	-	20	1.3	13	-	16	-
Selenium	mg/kg	12000	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-	-	<1.0	<1.0	<1.0	-	<1.0	-
Vanadium	mg/kg	9000	29	-	6.0	41	12	6.0	29	61	29	-	-	-	30	2.4	27	-	18	-
Zinc	mg/kg	730000	100	-	19	75	23	17	230	290	56	-	-	-	91	15	61	-	300	-
BTEX, MTBE																				
Benzene	mg/kg	15	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	-	-	<0.001	<0.001	<0.001	-	<0.001	-
Ethylbenzene	mg/kg	3100	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	-	-	<0.001	<0.001	<0.001	-	<0.001	-
Toluene	mg/kg	33000	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	-	-	<0.001	<0.001	<0.001	-	<0.001	-
Xylene-m	mg/kg	3400	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	-	-	<0.001	<0.001	<0.001	-	<0.001	-
Xylene-o	mg/kg	3700	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	-	-	<0.001	<0.001	<0.001	-	<0.001	-
Xylene-p	mg/kg	3300	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	-	-	<0.001	<0.001	<0.001	-	<0.001	-
Methyl tert-butyl ether	mg/kg	3800	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	-	-	<0.001	<0.001	<0.001	-	<0.001	-
Total Petroleum Hydrocarbons (TPH)																				
TPH Aliphatic C5-6	mg/kg	2400	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	-	-	<0.001	<0.001	<0.001	-	<0.001	-
TPH Aliphatic C6-8	mg/kg	5300	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	-	-	<0.001	<0.001	<0.001	-	<0.001	-
TPH Aliphatic C8-10	mg/kg	1300	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	-	-	<0.001	<0.001	<0.001	-	<0.001	-
TPH Aliphatic C10-12	mg/kg	6100	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-	<1.0	<1.0	1.4	-	<1.0	-
TPH Aliphatic C12-16	mg/kg	43000	<2.0	-	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	-	<2.0	<2.0	6.4	-	7.3	-
TPH Aromatic C8-10	mg/kg	2200	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	-	-	<0.001	<0.001	<0.001	-	<0.001	-
TPH Aromatic C10-12	mg/kg	110000	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-	<1.0	<1.0	<1.0	-	8.6	-
TPH Aromatic C12-16	mg/kg	35000	<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	-
TPH Aromatic C16-21	mg/kg	29000	14	-	<10	<10	<10	<10	<10	<10	<10	<10	-	-	<10	<10	14	-	220	-
TPH Aromatic C21-35	mg/kg	29000	100	-	<10	29	<10	<10	<10	<10	41	-	-	-	<10	<10	55	-	300	-

Lab Certificate		Human Health GAC - Commercial	21-28061	21-28061	21-28061	21-28851	21-28851	21-28851	21-28851	21-28851	21-28851	21-28851	21-28851	21-28851	21-28851	21-28851	21-28851	21-28851	21-28851	21-28851
Lab Sample Number			2110774	2110776	2110775	2115238	2115239	2116630	2115237	2115236	2115244	2118566	2115240	2115241	2115242	2115245	2113858	2113857	2115243	
Sample Reference			BH01	BH01	BH01	WS02	WS02	WS02	WS03	WS03	WS04	WS05	WS06	WS06	WS06	WS07	WS08	WS08	WS08	
Additional Sample Reference			BH01_0.5	BH01_1.7	BH01_3.2	WS02_2.5	WS02_3.5	WS02_3.8	WS03_0.5	WS03_1	WS04_0.3	WS05_0.25	WS06_0.3	WS06_0.7	WS06_2.5	WS07_0.5	WS08_0.3	WS08_0.5	WS08_1	
Depth (m)			0.50-1.20	1.70-1.80	3.00-3.45	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	0.20-0.30	None Supplied	None Supplied	None Supplied	None Supplied	0.20-0.40	0.40-0.70	None Supplied	
Date Sampled			08/12/2021	08/12/2021	08/12/2021	13/12/2021	13/12/2021	13/12/2021	13/12/2021	13/12/2021	14/12/2021	13/12/2021	13/12/2021	13/12/2021	13/12/2021	14/12/2021	13/12/2021	13/12/2021	13/12/2021	
Determinand		Units																		
Polyaromatic Hydrocarbons (PAHs)																				
Acenaphthene	mg/kg	75000	< 0.05	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	< 0.05	< 0.05	< 0.05	-	1.8	-	
Acenaphthylene	mg/kg	76000	0.47	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	< 0.05	< 0.05	< 0.05	-	9.3	-	
Anthracene	mg/kg	520000	1.6	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.26	-	-	< 0.05	< 0.05	0.43	-	20	-	
Benzo[a]anthracene [3]	mg/kg	170	3.7	-	< 0.05	0.80	< 0.05	< 0.05	0.55	< 0.05	0.80	-	-	< 0.05	< 0.05	1.6	-	55	-	
Benzo[a]pyrene [3]	mg/kg	76	2.8	-	< 0.05	0.79	< 0.05	< 0.05	0.47	< 0.05	0.71	-	-	< 0.05	< 0.05	1.3	-	42	-	
Benzo[b]fluoranthene [3]	mg/kg	65	2.8	-	< 0.05	0.88	< 0.05	< 0.05	0.53	< 0.05	0.89	-	-	< 0.05	< 0.05	1.8	-	47	-	
Benzo[k]fluoranthene [3]	mg/kg	3900	1.3	-	< 0.05	0.46	< 0.05	< 0.05	0.30	< 0.05	0.49	-	-	< 0.05	< 0.05	0.95	-	25	-	
Benzo[e]fluoranthene [3]	mg/kg	1200	1.8	-	< 0.05	0.45	< 0.05	< 0.05	0.32	< 0.05	0.43	-	-	< 0.05	< 0.05	0.80	-	22	-	
Chrysene [3]	mg/kg	350	2.8	-	< 0.05	0.71	< 0.05	< 0.05	0.46	< 0.05	0.85	-	-	< 0.05	< 0.05	1.6	-	33	-	
Dibenz[a,h]anthracene [3]	mg/kg	8.5	0.50	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	< 0.05	< 0.05	0.24	-	6.8	-	
Fluoranthene	mg/kg	23000	7.8	-	< 0.05	1.5	< 0.05	< 0.05	0.72	< 0.05	2.3	-	-	< 0.05	< 0.05	3.9	-	100	-	
Fluorene	mg/kg	60000	1.0	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	< 0.05	< 0.05	< 0.05	-	6.6	-	
Indeno[1,2,3-cd]pyrene [3]	mg/kg	510	1.2	-	< 0.05	0.47	< 0.05	< 0.05	0.38	< 0.05	0.42	-	-	< 0.05	< 0.05	0.78	-	24	-	
Naphthalene (CASL)	mg/kg	880	< 0.05	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	< 0.05	< 0.05	< 0.05	-	1.5	-	
Phenanthrene	mg/kg	22000	7.2	-	< 0.05	0.70	< 0.05	< 0.05	0.33	< 0.05	1.3	-	-	< 0.05	< 0.05	1.9	-	74	-	
Pyrene	mg/kg	54000	5.9	-	< 0.05	1.3	< 0.05	< 0.05	0.61	< 0.05	1.8	-	-	< 0.05	< 0.05	3.1	-	84	-	
SVOCs																				
Azobenzene	mg/kg	150	-	-	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	-	-	-	-	-	-	-	-	-	-	
Bis(2-chloroethyl)ether	mg/kg	0.51	-	-	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	-	-	-	-	-	-	-	-	-	-	
Bis(2-chloroethoxy)methane	mg/kg	2.3	-	-	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	-	-	-	-	-	-	-	-	-	-	
Bis(2-chloroisopropyl)ether	mg/kg	25	-	-	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	
Bromophenyl phenylether, 4-	mg/kg	1	-	-	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	-	-	-	-	-	-	-	-	-	-	
Butyl benzyl phthalate	mg/kg	940000	-	-	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	-	-	-	-	-	-	-	-	-	-	
Carbazole	mg/kg	900	-	-	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	-	-	-	-	-	-	-	-	-	-	
Chloroaniline, p-	mg/kg	83	-	-	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	
4-Chloro-3-methylphenol	mg/kg	8300	-	-	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	
3-Chloronaphthalene	mg/kg	210	-	-	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	
2-Chlorophenol	mg/kg	3600	-	-	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	
4-Chlorophenyl phenyl ether	mg/kg	0.54	-	-	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	-	-	-	-	-	-	-	-	-	-	
Dibenzofuran	mg/kg	6700	-	-	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	-	-	-	-	-	-	-	-	-	-	
2,4-Dichlorophenol	mg/kg	3500	-	-	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	-	-	-	-	-	-	-	-	-	-	
Diethyl phthalate	mg/kg	120000	-	-	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	-	-	-	-	-	-	-	-	-	-	
Dimethylphthalate	mg/kg	330000	-	-	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	
2,4-Dimethylphenol	mg/kg	13000	-	-	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	-	-	-	-	-	-	-	-	-	-	
2,4-Dinitrotoluene	mg/kg	3700	-	-	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	-	-	-	-	-	-	-	-	-	-	
2,6-Dinitrotoluene	mg/kg	1900	-	-	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	
Hexachlorobenzene	mg/kg	91	-	-	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	-	-	-	-	-	-	-	-	-	-	
Hexachloroethane	mg/kg	11	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	
Isophorone	mg/kg	18000	-	-	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	-	-	-	-	-	-	-	-	-	-	
2-Methylnaphthalene	mg/kg	7100	-	-	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	
2-Methylphenol	mg/kg	160000	-	-	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	-	-	-	-	-	-	-	-	-	-	
4-Methylphenol	mg/kg	160000	-	-	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	-	-	-	-	-	-	-	-	-	-	
4-Nitroaniline	mg/kg	830	-	-	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	-	-	-	-	-	-	-	-	-	-	
Nitrobenzene	mg/kg	14	-	-	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	-	-	-	-	-	-	-	-	-	-	
2-Nitrophenol	mg/kg	3300	-	-	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	-	-	-	-	-	-	-	-	-	-	
Phenol	mg/kg	380 [2]	-	-	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	-	-	-	-	-	-	-	-	-	-	
2,4,5-Trichlorophenol	mg/kg	15000	-	-	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	-	-	-	-	-	-	-	-	-	-	
2,4,6-Trichlorophenol	mg/kg	400	-	-	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	

Lab Certificate		Human Health GAC - Commercial	21-28061	21-28061	21-28061	21-28851	21-28851	21-28851	21-28851	21-28851	21-28622	21-28851	21-28851	21-28851	21-28851	21-28622	21-28851	
Lab Sample Number			2110774	2110776	2110775	2115238	2115239	2116630	2115237	2115236	2115244	211856	2115240	2115241	2115242	2115245	2113858	2113857
Sample Reference			BH01	BH01	BH01	WS02	WS02	WS02	WS03	WS03	WS04	WS05	WS06	WS06	WS06	WS07	WS08	WS08
Additional Sample Reference			BH01_0.5	BH01_1.7	BH01_3.2	WS02_2.5	WS02_3.5	WS02_3.8	WS03_0.5	WS03_1	WS04_0.3	WS05_0.25	WS06_0.3	WS06_0.7	WS06_2.5	WS07_0.5	WS08_0.3	WS08_0.5
Depth (m)			0.50-1.20	1.70-1.80	3.00-3.45	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	0.20-0.30	None Supplied	None Supplied	None Supplied	None Supplied	0.20-0.40	0.40-0.70
Date Sampled			08/12/2021	08/12/2021	08/12/2021	13/12/2021	13/12/2021	13/12/2021	13/12/2021	13/12/2021	14/12/2021	13/12/2021	13/12/2021	13/12/2021	13/12/2021	14/12/2021	13/12/2021	13/12/2021
Determinand	Units																	
VOCs																		
Bromobenzene	mg/kg	51	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
Bromodichloromethane	mg/kg	1	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
Bromomethane	mg/kg	1	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
sec-Butylbenzene	mg/kg	75000	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
tert-Butylbenzene	mg/kg	75000	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
Chlorobenzene	mg/kg	31	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
Chloroethane	mg/kg	530	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
Chloroethene (Vinyl Chloride) - CASL	mg/kg	0.72	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
Chloromethane	mg/kg	0.56	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
2-Chlorotoluene	mg/kg	3200	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
4-Chlorotoluene	mg/kg	41000	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
Cymene (isopropyltoluene)	mg/kg	150000	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
1,2-Dibromo-3-chloropropane	mg/kg	0.012	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
Dibromochloromethane	mg/kg	260	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
1,2-Dichlorobenzene	mg/kg	1100	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
1,3-Dichlorobenzene	mg/kg	17	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
1,4-Dichlorobenzene	mg/kg	2400	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
1,1-Dichloroethane	mg/kg	140	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
1,2-Dichloroethane	mg/kg	0.34	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
1,1-Dichloroethene	mg/kg	14	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
Cis-1,2-dichloroethene	mg/kg	7.3	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
Trans-1,2-dichloroethene	mg/kg	12	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
1,2-Dichloropropane	mg/kg	1.6	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
1,3-Dichloropropane	mg/kg	2.2	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
2,2-Dichloropropane	mg/kg	0.84	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
1,1-Dichloropropene	mg/kg	0.52	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
Cis-1,3-dichloropropene	mg/kg	4.8	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
Trans-1,3-dichloropropene	mg/kg	0.68	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
Iso-propylbenzene	mg/kg	710	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
Propylbenzene	mg/kg	2100	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
Styrene	mg/kg	1900	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
1,1,1,2-Tetrachloroethane	mg/kg	59	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
1,1,2,2-Tetrachloroethane	mg/kg	150	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
Tetrachloroethene	mg/kg	10	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
Tetrachloromethane (Carbon Tetrachloride)	mg/kg	1.6	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
1,2,3-Trichlorobenzene	mg/kg	55	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
1,2,4-Trichlorobenzene	mg/kg	120	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
1,1,1-Trichloroethane	mg/kg	370	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
1,1,2-Trichloroethane	mg/kg	48	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
Trichloroethene	mg/kg	0.68	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
Trichlorofluoromethane	mg/kg	290000	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
Trichloromethane (Chloroform)	mg/kg	53	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
1,1,2-Trichloro 1,2,2-Trifluoroethane	mg/kg	330000	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
1,2,4-Trimethylbenzene	mg/kg	22	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
1,3,5-Trimethylbenzene	mg/kg	12	-	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	
PCBs																		
Polychlorinated biphenyls (liquid)	mg/kg	8.1	-	-	-	-	-	-	-	-	-	-	< 0.007	-	-	-	< 0.007	
Assumptions																		
CASL exposure scenario adopted (DEFRA SP1010 2013 - CASL documents). Soil: Sand																		
Soil organic matter (SOM) 1%																		
Modelling package used: CLEA 2015 (Environment Agency, 2015)																		
Toxicity data sourced in accordance with Environment Agency defined heirarchy of data sources, based on minimal risk with the exception of the published CASL compounds which are based on a low risk level.																		
Notes																		
[1] *Acute toxicity values sourced from SoBBA, 2020. Development of Acute Generic Assessment Criteria for Assessing Risks to Human Health from Contaminants in Soil; v2. Where acute toxicity values are lower than the chronic values derived using CLEA, these are presented as the GAC.																		
[2] Phenols capped based on EA approach to limit phenol to 1% by weight in soil solution (Phenol SGV report)																		
[3] Benzo[a]pyrene used as surrogate marker for PAHs in grey.																		
Value in excess of GAC																		

APPENDIX 6 GROUND GAS DATA

Appendix 5: Gas Monitoring Data															
Project:	1620013209							Site:		Mill Lane					
Monitored by:	Roger Harris							Date:		16/12/2021					
Equipment:	Interface probe, PID Tiger, GFM Gas Analyser							Weather		Overcast, 12 °C					
Atmospheric Pressure:	1033 mb														
Location	Time	DTW (m bgl)	DTB (m bgl)	Time From Start (Secs)	Baro Pressure	Flow (Peak)	Flow (Steady State)	CH4	CO2	O2	LEL	H2S	CO	PID	Notes / Comments
					mb	l/hr	l/hr	% v/v	% v/v	% v/v	% v/v	ppm	ppm	ppm	
WS02	11:35	3.34	3.98	30	1033	0.0	0.0	<0.1	<0.1	20.3	<0.1	<1	<1	192.4	Clean interface probe, strong hydrocarbon odour.
				60				<0.1	<0.1	20.3	<0.1	<1	<1		
				90				<0.1	<0.1	20.3	<0.1	<1	<1		
				120				<0.1	<0.1	20.3	<0.1	<1	<1		
				150				<0.1	<0.1	20.3	<0.1	<1	<1		
				180				<0.1	<0.1	20.3	<0.1	<1	<1		
WS03	11:20	DRY	2.07	30	1034	0.0	0.0	<0.1	4.4	16.2	<0.1	<1	<1	3.0	DRY.
				60				<0.1	4.5	16.0	<0.1	<1	<1		
				90				<0.1	4.5	16.0	<0.1	<1	<1		
				120				<0.1	4.6	16.0	<0.1	<1	<1		
				150				<0.1	4.6	15.9	<0.1	<1	<1		
				180				<0.1	4.6	15.9	<0.1	<1	<1		
WS05	09:40	3.11	3.87	30	1032	0.0	0.0	<0.1	<0.1	20.5	<0.1	<1	<1	1.0	Clean interface probe, no odour.
				60				<0.1	<0.1	20.4	<0.1	<1	<1		
				90				<0.1	<0.1	20.4	<0.1	<1	<1		
				120				<0.1	<0.1	20.4	<0.1	<1	<1		
				150				<0.1	<0.1	20.4	<0.1	<1	<1		
				180				<0.1	<0.1	20.4	<0.1	<1	<1		
WS08	08:55	3.00	3.86	30	1033	0.0	0.0	<0.1	0.3	20.3	<0.1	<1	<1	10.4	Clean interface probe, no odour.
				60				<0.1	0.3	20.3	<0.1	<1	<1		
				90				<0.1	0.3	20.3	<0.1	<1	<1		
				120				<0.1	0.3	20.3	<0.1	<1	<1		
				150				<0.1	0.3	20.3	<0.1	<1	<1		
				180				<0.1	0.3	20.3	<0.1	<1	<1		
BH01	12:45	3.36	6.26	30	1034	0.0	0.0	<0.1	0.4	19.7	<0.1	<1	<1	19.7	Clean interface probe, hydrocarbon odour.
				60				<0.1	0.4	19.6	<0.1	<1	<1		
				90				<0.1	0.4	19.6	<0.1	<1	<1		
				120				<0.1	0.4	19.5	<0.1	<1	<1		
				150				<0.1	0.5	19.4	<0.1	<1	<1		
				180				<0.1	0.5	19.3	<0.1	<1	<1		
BH02	10:30	2.76	10.53	30	1033	-11.6	0.0	<0.1	0.4	20.1	<0.1	<1	<1	<0.1	Clean interface probe, no odour.
				60				<0.1	0.4	20.0	<0.1	<1	<1		
				90				<0.1	0.4	20.0	<0.1	<1	1		
				120				<0.1	0.4	20.0	<0.1	<1	1		
				150				<0.1	0.4	20.0	<0.1	<1	<1		
				180				<0.1	0.4	20.0	<0.1	<1	1		

Appendix 5: Gas Monitoring Data															
Project:		1620013209						Site:		Mill Lane					
Monitored by:		Roger Harris						Date:		17/01/2022					
Equipment:		Interface probe, PID Tiger, GFM Gas Analyser						Weather		Sun, 9°C					
Atmospheric Pressure:		1033 mb													
Location	Time	DTW (m bgl)	DTB (m bgl)	Time From Start (Secs)	Baro Pressure	Flow (Peak)	Flow (Steady State)	CH4	CO2	O2	LEL	H2S	CO	PID	Notes / Comments
					mb	l/hr	l/hr	% v/v	% v/v	% v/v	% v/v	ppm	ppm	ppm	
WS02	11:30	3.00	3.98	30	1032	0.0	0.0	<0.1	0.2	19.9	<0.1	<1	<1	8.6	Clean interface probe, hydrocarbon odour.
				60				<0.1	0.2	19.9	<0.1	<1	<1		
				90				<0.1	0.2	19.9	<0.1	<1	<1		
				120				<0.1	0.2	19.9	<0.1	<1	<1		
				150				<0.1	0.2	19.9	<0.1	<1	<1		
				180				<0.1	0.2	19.9	<0.1	<1	<1		
WS03	10:40	DRY	2.06	30	1033	0.0	0.0	<0.1	4.3	16.4	<0.1	<1	<1	<0.1	DRY.
				60				<0.1	4.3	16.1	<0.1	<1	<1		
				90				<0.1	4.4	16.1	<0.1	<1	<1		
				120				<0.1	4.4	16.1	<0.1	<1	<1		
				150				<0.1	4.4	16.1	<0.1	<1	<1		
				180				<0.1	4.4	16.1	<0.1	<1	<1		
WS05	09:45	3.05	3.88	30	1033	0.0	0.0	<0.1	0.1	19.9	<0.1	<1	<1	<0.1	Clean interface probe, no odour.
				60				<0.1	0.1	19.9	<0.1	<1	<1		
				90				<0.1	0.1	19.9	<0.1	<1	<1		
				120				<0.1	0.1	19.9	<0.1	<1	<1		
				150				<0.1	0.1	19.9	<0.1	<1	<1		
				180				<0.1	0.1	19.9	<0.1	<1	<1		
WS08	10:20	2.94	3.86	30	1032	0.0	0.0	<0.1	0.6	19.6	<0.1	<1	<1	0.1	Clean interface probe, no odour.
				60				<0.1	0.6	19.6	<0.1	<1	<1		
				90				<0.1	0.6	19.6	<0.1	<1	<1		
				120				<0.1	0.6	19.6	<0.1	<1	<1		
				150				<0.1	0.6	19.6	<0.1	<1	<1		
				180				<0.1	0.6	19.6	<0.1	<1	<1		
BH01	11:15	3.30	6.26	30	1035	0.0	0.0	<0.1	1.6	17.9	<0.1	<1	<1	2.8	Silty interface probe, hydrocarbon odour.
				60				<0.1	1.6	17.7	<0.1	<1	<1		
				90				<0.1	1.6	17.7	<0.1	<1	<1		
				120				<0.1	1.6	17.7	<0.1	<1	<1		
				150				<0.1	1.7	17.7	<0.1	<1	<1		
				180				<0.1	1.7	17.7	<0.1	<1	<1		
BH02	10:00	2.70	10.46	30	1031	42.8	0.0	<0.1	1.7	17.0	<0.1	<1	<1	0.1	Clean interface probe, no odour.
				60				<0.1	1.7	16.7	<0.1	<1	<1		
				90				<0.1	1.7	16.6	<0.1	<1	<1		
				120				<0.1	1.7	16.6	<0.1	<1	<1		
				150				<0.1	1.7	16.6	<0.1	<1	<1		
				180				<0.1	1.7	16.6	<0.1	<1	<1		

