



Desk Based Geoenvironmental Site Assessment

Skip Lane
Harvil Road
Harefield
Uxbridge
UB9 6JL

February 2024

553232.0000.0000

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Executive Summary

TRC Companies Limited (TRC) was commissioned by GBN Services Ltd (the 'Client') to undertake a Tier I (previously known as phase 1) Desk Based Geoenvironmental Site Assessment at Skip Lane, Harvil Road, Harefield, Uxbridge UB9 6JL (hereafter referred to as the 'Site').

This Executive Summary is part of the complete report; and findings, opinions or conclusions in this Executive Summary are made in context with the complete report. TRC recommends that the user reads the entire report for all supporting information related to findings opinions and conclusions.

Executive Summary	
Site Details	
Client	GBN Services Ltd
Site Address & Grid Reference	Skip Lane, Harvil Road, Harefield, Uxbridge UB9 6JL Easting 506010, Northing 187370
Site Area	1.71 ha
Proposed Development	The proposed development comprised changes to open storage areas associated with the pre-existing non-hazardous waste treatment and transfer facility. This included the replacement of two trommels and waste picking stations, a new baler, boundary treatment and landscaping, specifically the replacement of the workshop building following demolition of the former workshop buildings. Development is now complete and there are no further planned construction works.
Site Setting	
Current Site Use	At the time of writing this assessment, TRC understands that the Site is currently operating as a non-hazardous waste recycling centre, with associated storage areas, car parking, workshops, offices, and segregated areas for waste.
Site History	The Site appeared to be undeveloped land from earliest available mapping (1868-1891). By 1934, an embankment from the railway along the Site's northern boundary encroached onto Site and Skip Lane was constructed across the north-eastern portion of the Site. By 1963, a travelling crane was located in the western portion of the Site, an engineering works facility was located in the central western portion of the Site, a separate works facility was located in the southern portion of the Site, and an unmarked building was constructed in the north-eastern portion of the Site. The works facility in the southern portion of the Site was demolished by 1999. By 2009, one building was constructed in the north-eastern portion of the Site. The engineering works facility was redeveloped by 2003 and demolished by 2023.
Expected Geology	Made Ground is expected to be present at the Site, associated with past developments. According to a previous investigation conducted by HESI in 2022, Made Ground was encountered to approximately 2.7m below ground level (bgl). Bedrock geology – London Clay Formation, Lambeth Group, Seaford Chalk Formation/ Newhaven Chalk Formation Superficial deposits are not expected at the Site.

Executive Summary	
Expected Hydrogeology	<p>Bedrock Geology – Unproductive Strata, overlying Secondary (A) Aquifer, overlying Principal Aquifer.</p> <p>The Site lies within an Environmental Agency (EA) designated groundwater source protection zone III; however, this is likely associated with the underlying chalk formation.</p> <p>The permeable bedrock geology is confined by the London Clay Formation.</p> <p>The anticipated groundwater flow direction is west, towards the Broadwater Lake Nature Reserve.</p> <p>Groundwater is therefore not considered to be sensitive to contamination.</p>
Expected Hydrology	<p>The nearest surface water feature is located approximately 4m to the southwest and is an unnamed drainage ditch. There are several other drainage streams and ditches west of the Site. Several lakes and bays associated with the Broadwater Lake Nature Reserve are located approximately 400m west of the Site, and the River Colne is located approximately 515m southwest of the Site.</p> <p>The Site is underlain by low permeability deposits and it is considered unlikely that surface water is in hydraulic connection with groundwater beneath the Site.</p> <p>Therefore, surface water is not considered to be sensitive to contamination.</p>
Environmental Assessment	
Initial Conceptual Site Model	<p>On Site: The Made Ground and previous operations at the Site could be a source of asbestos fibres in soil, heavy metals, polycyclic aromatic hydrocarbons (PAH), total petroleum hydrocarbons, and ground gases.</p> <p>Off Site: The surrounding Oil Depot, railway, tanks, and electricity substation are a potential source of asbestos fibres in soil, heavy metals, PAHs, TPHs, polychlorinated biphenyls (PCBs), and ground gases.</p> <p>Potentially complete contaminant linkages have been identified and are generally considered to pose only a low risk to the identified receptors.</p>
Ground Gas/Organic Vapour/Radon	<p>Made Ground and previous operations at the Site may be a potential source of ground gas and organic vapour.</p> <p>Less than 1% of homes in the area are above the Action Level for radon, as such no special precautions are required.</p>
Other Property Related Issues	
Mining	The Site is not in an area affected by coal mining. The Site is not in an area affected by other mining activity.
Flood Risk	<p>The Site is located within Flood Zone 1.</p> <p>The flood risk from surface water/reservoirs/rivers and sea/groundwater is very low.</p>
Unexploded Ordnance Risk Assessment	The Site is not in an area affected by historical UXO risk.
Recommendations	
Development is now complete and there are no further planned construction works.	

Executive Summary

Notwithstanding, it is acknowledged that this assessment, and a subsequent ground investigation in accordance with LCRM (2020) and BS10175:2011 (+A2:2017), BS5930:2015 (+A1:2020), should have been undertaken prior to development taking place.

It is understood that a ground investigation was undertaken by another consultant post development. It is therefore recommended that the results of the investigation are reviewed to confirm if the work undertaken meets the above requirements and is sufficient to fully characterise the Site.

1.0 Introduction

1.1 Appointment and Purpose

TRC Companies Limited (TRC) was commissioned by GBN Services Ltd (the 'Client') to undertake a Tier 1 (formerly known as phase 1) Desk Based Geoenvironmental Site Assessment for Skip Lane, Harvil Road, Harefield, Uxbridge UB9 6JL (hereafter referred to as the 'Site').

A Site Location Plan is presented as Figure 1 in Annex A.

This Tier I report has been commissioned to assess environmental considerations, predominantly with respect to ground conditions at the Site, pursuant to the discharge of Condition 6 (Land Contamination) for planning permission with ref. 49984/APP/2014/3806 and dated 01-09-2015 with Hillingdon Council. Development works at the Site have been completed and this assessment has been applied retrospectively.

1.2 Proposed Development

The development comprised changes to open storage areas associated with existing non-hazardous waste treatment and transfer facility. This included the replacement of two trommels and waste picking stations, a new baler, boundary treatment and landscaping, specifically the replacement of the workshop building following demolition of the former workshop buildings.

The end user sensitivity is considered low for the ongoing commercial / industrial use.

A Site Layout Plan is presented as Figure 2 in Annex A.

1.3 Available Information and Standards

This Tier I report presents the findings of a desk study based on the following information:

- Historical uses of the Site and surroundings;
- Current use and condition of the Site;
- Environmental setting in terms of geology, hydrogeology, hydrology and surrounding land uses, based on publicly available environmental records;
- Previous reports for the Site as listed in Section 3;
- A Landmark Envirocheck Report (Annex B);

This Tier I report has been conducted with due regard to the following guidance:

- The National Planning Policy Framework;
- BS5930:2015 (+A1:2020) Code of Practice for Ground Investigations;
- BS EN 1997 Eurocode 7;
- BS10175:2011 (+A2:2017) Investigation of Potentially Contaminated Sites – Code of Practice; and,
- Land Contamination Risk Management (LCRM) 2020 (amended 2023).

1.4 Significant Assumptions

This report presents TRC's observations, findings, and conclusions as they existed on the date that this report was issued. This report is subject to modification if TRC becomes aware of additional information after the date of issue of this report that is material to its findings and conclusions.

The reliability of information provided by others to TRC cannot be guaranteed to be accurate or complete. Performance of this Tier I report is intended to reduce, but not eliminate, uncertainty of geo-environmental conditions associated with the subject site; therefore, the findings and conclusions made in this report should not be construed to warrant or guarantee the subject site, or express or imply, including without limitation, warranties as to its marketability for a particular use. TRC found no reason to question the validity of information received unless explicitly noted elsewhere in this report.

1.5 User Reliance

This report was prepared for GBN Services Limited. Reliance on the Report by any other third party is subject to requesting and fully executing a reliance letter between TRC and the third party that acknowledges the TRC Standard Terms and Conditions with the Client, to the same extent as if they were the Client thereunder.

TRC has been provided with information from third parties for information purposes only and without representation or warranty, express or implied as to its accuracy or completeness and without any liability on such third parties part to revise or update the information. Where reliance has been provided by third parties to potential purchasers this is noted in our report.

2.0 Site Location and Description

2.1 Site Location

The Site is located on the northern side of Skip Lane in Harefield, Uxbridge. It is centred on National Grid Reference 506191, 187299.

The site location is presented as Figure 1 in Annex A.

2.2 Site Description

2.2.1 General

A Site walkover has not been undertaken as part of this assessment.

2.2.2 Desk-based Site Description

The 1.71 hectare site is roughly rectangular in shape and is located to the west of Harvil Road. At the time of writing this assessment, TRC understands that the Site is currently operating as a non-hazardous waste recycling centre, with associated storage areas, car parking, workshops, offices, and segregated areas for waste. The Site appears to be accessed via Skip Lane.

The Site has an average elevation of approximately 46m to 56m above Ordnance Datum (aOD). Topographically, the site slightly slopes gently downwards east to west. There is a strip of dense, mature trees north of the railway.

2.2.3 Hazardous Substances and Waste Management

The site is an active waste transfer station which temporarily stores household commercial waste. TRC understands that no hazardous wastes are stored at the Site.

2.2.4 Energy Infrastructure

TRC understands that no electricity substations or other energy infrastructure are present at the Site.

2.2.5 Non-Natural Mounds, Depressions, Excavations and Fill

According to aerial photography, the Site appears covered by hard standing only and no mounds, depressions, excavations or fill are known to be present.

2.2.6 Invasive Plant Species

The potential presence of invasive plant species, such as Japanese Knotweed, has not been assessed, and it is recommended that an appropriately qualified specialist carries out a survey should this be required.

2.3 Surrounding Area

The Site is located within an area of predominantly industrial / commercial land use. Land uses in the immediate vicinity include the following principal features:

Table 2.1: Summary of Surrounding Land Use

Direction	Land Use
North	The Site is bound to the north by a railway, with an industrial property associated with HS2 beyond. The site appears to be managing materials associated with the new railway construction.
East	The Site is bound to the east by Harvil Road, with an industrial property associated with HS2 beyond. The site appears to be managing materials associated with the new railway construction.
South	The Site is bound to the south by a golf course and several commercial / industrial properties. Commercial / industrial properties include an excavation contractor, a fuel station, a fuel supplier, and a scaffolder.
West	The Site is bound to the west by undeveloped land, with Skip Lane and an industrial property beyond. The industrial property operates as a concrete supplier.

3.0 Previous Assessment, Investigations or Remediation

The following site specific assessments have been reviewed and are referred to in this report:

Table 3.1: Summary of Previous Site Assessments

Report Details	Summary of Geo-Environmental and Geotechnical Findings
Environmental Report, December 2022, Herts & Essex Site Investigation	<p>The report can be summarised as follows:</p> <ul style="list-style-type: none"> • The Site is recorded as a waste recycling centre which has areas for storage, parking, workshops, maintenance, office, and the recycling element in the centre of the Site. • Earliest available mapping indicates the Site as open fields (1868), with Harvill road running approximately 50m to the east. The main bulk of development onsite appears in the 1970s with a number of buildings in the western and central portion of the Site marked as Engineering Works. The Site appears in its current layout from 2006, when the majority of the buildings have been replaced by six smaller buildings onsite. • Made Ground is expected across the Site. • The London Clay Formation, which is classified as Unproductive Strata is expected at the Site. • The nearest surface water feature is recorded 14m east of the Site and is a ditch. A number of other water courses are located in the area as well. • Two groundwater abstraction points are located between 251 and 500 metres of the Site and are recorded for mineral washing. The nearest potable abstraction is located greater than 1km from the Site. • The majority of the Site lies within a groundwater Source Protection Zone 1; however, this likely relates to the chalk aquifer at depth. • A number of potential sources of contamination have been identified onsite: Made Ground, railway land north of the Site, current and historical operations at the Site, and discharges from the Site. • A ground investigation was undertaken for the Site, which comprised 14 No. Dynamic Competitor Rig boreholes to depths between 0.50m and 3.0m below ground level. • Standpipes were installed in three locations. • Groundwater was identified at 2.0m bgl within WS3. • Asbestos was identified in soil in four locations with no other evidence of contamination identified at the Site. • The risks to groundwater are generally considered low. <p>The following has been recommended for the Site:</p> <ul style="list-style-type: none"> • Gas monitoring on six occasions; and, • Additional sampling to address the data gaps when full access to the Site can be made.
Geotechnical Report, December 2022, Herts & Essex Site Investigation	<p>The report can be summarised as follows:</p> <ul style="list-style-type: none"> • This report comprises a geotechnical design report based on the findings of the investigation described above. • The investigation observed Made Ground to approximately 2.7m bgl, overlying the London Clay Formation. • Hand penetrometer testing has been undertaken and recorded cohesion values between 66-150+ kN/m².

Report Details	Summary of Geo-Environmental and Geotechnical Findings
	<ul style="list-style-type: none">• Atterberg Limit tests proved the clay to be of intermediate to very high plasticity, indicating a high susceptibility to movement associated with moisture content change.• Significant desiccation is identified within the London Clay Formation.• The classification of the London Clay Formation in accordance with ACEC is DS-2 / AC-1S.• Any new foundations should be seated at a minimum depth of 1.0m bgl to overcome the impact of weathering and in excess of the influence of any surrounding trees or vegetation.• Due to the significant desiccation and depth of Made Ground, a system of piles and ground beams are recommended as the foundation solution for the Site.• It is also recommended that the upper 4.0m should be sleeved to avoid heave potential and enable a stable design.• A suspended floor should be included in any design where foundation depths exceed 1.5m due to the influence of trees or where Made Ground or compressible soils is in place to depths in excess of 0.6m bgl.

4.0 Review of Site Data

4.1 Environmental Setting

The environmental setting of the site can influence the susceptibility to, and relative magnitude of, environmental impacts and liabilities associated with on and off-site sources of contamination.

The following sections present a summary of environmental reviews conducted on publicly available records.

4.1.1 Geology

The following information has been reviewed:

- The British Geological Survey (BGS) geological map, scale 1:50,000, 255, Beaconsfield, 2005.
- The BGS website;
- The BGS historic boreholes with reference no. TQ08NE173, TQ08NE182
- The Landmark Envirocheck Report (Annex B); and,
- The Site investigation report discussed previously.

Based on the above information, the Site is underlain by variable thickness of Made Ground, overlying the London Clay Formation, overlying the Lambeth Group, overlying the Seaford Chalk Formation/ Newhaven Chalk Formation.

The anticipated site geology is summarised in Table 4.1.

Table 4.1: Summary of Anticipated Geology

Strata	Depth to Base (m bgl)	Thickness (m)	Typical Description
Made Ground	2.7	2.7	Silty sand with crushed concrete, clinker, and brick.
London Clay Formation	13.7	11.0	Brown mottled grey brown slightly silty clay.
Lambeth Group	52.1	38.4	Light grey mottled medium brown fine limestone gravelly silty clay.
Seaford Chalk Formation/ Newhaven Chalk Formation	Unknown	Unknown	Firm chalk with brown veins and large flints.

4.1.2 Coal Mining

The Landmark Envirocheck Report indicates that the Site is not within an area that may be affected by coal mining.

Further, according to the Coal Authority website the Site is not located within the Coal Mining Reporting Area. Therefore, a Coal Mining Risk Assessment is not required.

4.1.3 Radon

BGS records indicate that the Site is in a lower probability radon area where less than 1% of homes are estimated to be at or above the Action Level. On this basis, the BGS states that 'no radon protective measures are necessary in the construction of new dwellings or extensions'.

4.1.4 Seismicity

The national foreword to BS EN 1998-1:2004+A1:2013 'Eurocode 8: Design of Structures for Earthquake

Resistance – Part 1' states that there are no requirements in the UK to consider seismic loading, and the whole of the UK may be considered an area of very low seismicity in which the provisions of EN 1998 need not apply.

4.1.5 Hydrogeology

British Geological Survey (BGS) geological mapping and hydrogeological mapping presented by DEFRA (MAGIC website) indicate the following hydrogeological information for the Site:

Table 4.2: Summary of Hydrogeology

Geology	Geological Description	Aquifer Status	Aquifer Description
Bedrock Deposits: London Clay Formation	Clay, Silt, and Sand	Unproductive Strata	Geological strata with low permeability that have negligible significance for water supply or river base flow. They consist of deposits that naturally offer protection to any aquifers that may be present beneath.
Bedrock Deposits: Lambeth Group	Clay, Silt and Sand	Secondary (A) Aquifer	Permeable strata capable of supporting water supplies at a local rather than strategic scale and in some cases forming an important source of base flow to rivers, lakes or wetlands.
Bedrock Deposits: Seaford Chalk Formation/ Newhaven Chalk Formation	Chalk	Principal Aquifer	Geological strata that exhibit high intergranular and/or fracture permeability. They usually provide a high level of water storage and can support water supply and/or base flow to rivers, lake and wetlands on a strategic scale.

The Site lies within an EA designated groundwater Source Protection Zone III; however, it is likely that this is referring to the underlying chalk aquifer at depth.

There is a groundwater abstraction located 394m west of the Site; however, it appears to be inactive and was used for mineral washing.

It is inferred that groundwater flows west, towards the River Colne and the other bodies of water.

The Landmark Envirocheck report indicates potential for groundwater flooding to occur at surface and at properties situated below ground level.

4.1.6 Hydrology

The nearest surface water feature is located approximately 4m to the southwest and is an unnamed drainage ditch. There are several other drainage streams and ditches west of the Site. Several lakes and bays associated with the Broadwater Lake Nature Reserve are located approximately 400m west of the Site, and the River Colne is located approximately 515m southwest of the Site.

The site is located within Flood Zone 1, which means the Site has a low probability of flooding.

There is very low risk of flooding from surface water. There is very low risk of flooding from rivers and the sea. It is unlikely that flooding will occur from reservoirs in this area.

4.1.7 Sensitive Land Uses

There is an area of Ancient Woodland called Newyears Green Covert, located approximately 420m northeast of the Site.

4.1.8 Summary of Site Sensitivity

The Site is considered to be of low environmental sensitivity, based on the following key factors:

- The Site is anticipated to be underlain by Made Ground overlying the London Clay Formation, overlying the Lambeth Group, overlying the Seaford Chalk Formation/ Newhaven Chalk Formation at depth. Superficial deposits are not expected at the Site.
- The London Clay Formation is classified as Unproductive Strata and acts as a confining layer for the underlying aquifers. The Lambeth Group is classified as a Secondary (A) Aquifers, and the Seaford Chalk Formation/ Newhaven Chalk Formation is classified as a Principal Aquifer.
- The Site is located within a groundwater Source Protection Zone III; however, it is likely that this is referring to the underlying chalk aquifer at depth.
- The nearest surface water feature is located approximately 4m to the southwest and is an unnamed drainage ditch. There are several other drainage streams and ditches west of the Site. Several lakes and bays associated with the Broadwater Lake Nature Reserve are located approximately 400m west of the Site, and the River Colne is located approximately 515m southwest of the Site. The Site is underlain by low permeability deposits, and it is considered unlikely that surface water is in hydraulic connection with groundwater beneath the Site.

4.2 Environmental Regulatory Database Review

The following environmental data has been obtained from a Landmark Envirocheck Report (Annex B), which includes a search of databases held by regulatory bodies including the EA, BGS, the Department for the Environment, Food and Rural Affairs (DEFRA), City, District and Borough Councils and County Councils.

The table below summarises key features identified on-site and within the 500m search radius.

Table 4.3: Summary of Environmental Regulatory Database Review

Database	On-Site	0-500m	Description
Agency and Hydrological			
Discharge Consents	0	1	The discharge consent is located at Uxbridge Skip Hire Ltd, Skip Lane, Harefield, 19m southwest, in December 1993. The discharge was trade effluent into the Tiles Ditch.
Prosecutions Relating to Controlled Waters	0	1	Harefield Oil Terminal, Harvil Road, Harefield, Uxbridge, Middlesex, UB9 6JL, located 58m southeast, as charged with polluting matter to enter an unnamed tributary of the River Frays. The prosecution date was February 1999, and the verdict was guilty.

Database	On-Site	0-500m	Description
Local Authority Pollution Prevention and Controls	1	2	<p>The entry onsite was for Thames Material Limited for mobile screening and crushing processes. This was permitted.</p> <p>Of the two offsite entries, one belongs to Thames Material Limited, located 220m west, for mobile screening and crushing, and the other belongs to Hanson Premix Denham, located 290m west, for blending, packing, loading, and the use of bulk cement.</p>
Pollution Incidents to Controlled Waters	0	9	<p>The nearest Category 2 – Significant Incident was located 51m southwest of the Site in July 1993. The incident involved unknown oils, and the cause nor the receiving water was not reported.</p> <p>Seven of the incidents are considered to be Category 3 – Minor Incidents.</p>
Substantiated Pollution Incident Register	1	0	One Significant Air Incident occurred onsite in May 2014.
Waste			
Historical Landfill Sites	0	2	The nearest historical landfill site was licensed by Pioneer Willment Limited, located on Harvil Road, 7m northwest of the Site. Waste was unknown and had a last input date of 1973.
Licensed Waste Management Facilities	0	2	There is a mobile plant permit for remediation of land at the neighbouring oil depot site and a waste treatment facility 284 m west of the site at the Thames Materials Limited Facility.
Registered Waste Transfer Sites	2	0	<p>The onsite record is operated by the Client. The Site is a waste transfer station which can accept household, commercial and industrial waste. The License was modified in October 2016.</p> <p>There is a license held by Uxbridge Skip Hire Ltd, authorised waste which can be accepted is inert waste, scrap metal, and non-putrescible waste. This site can accept 75,000 to 250,000 tonnes per year.</p>
Industrial Land Use			
Contemporary Trade Directory Entries	0	4	The entries include a tyre repairs & retreading service, a concrete & mortar ready mixed shop, an oil companies/ terminal, an oil fuel distributors, and a garage services.
Fuel Station Entries	0	1	The nearest operational fuel station is located on Harvil Road , Harefield Ickenham, Hillingdon, Middlesex, UB9 6JL, 25m southeast, non-retail.
Sensitive Land Use			
Ancient Woodland	0	1	Newyears Green Covert, located at 421m northwest of the Site.
Local Nature Reserves	0	1	Frays Valley, located 180m southwest of the Site.
Nitrate Vulnerable Zones	1	0	The Site is located within a nitrate vulnerable zone for surface water.

The Landmark Envirocheck Report indicates very low hazard for collapsible ground, compressible ground, ground dissolution, landslides, running sands, shrinking and swelling of clay for the Site. Mining, coal mining, non-coal mining, cavities, and brine areas were not identified at the Site.

4.3 History of the Site and the Surrounding Area

The history of development on the Site and immediate surrounding area was investigated with reference to historical Ordnance Survey (OS) mapping and aerial photographs. The findings are presented in subsequent sections below.

4.3.1 Historical Mapping

A summary of the development history of the Site and immediate surrounding area obtained from historic OS mapping and aerial photographs (Annex B) is detailed in the table below.

Table 4.4: Summary of Historical Mapping

Edition and Scale	On-Site Activities	Off-Site Activities (within ~ 250m)
1868-1891 (1:2,500)	The Site appeared to be undeveloped agricultural land.	The surrounding areas appeared to be undeveloped agricultural land with one road oriented north-south approximately 50m east of the Site.
1896 (1:2,500)	No significant change.	One small building was constructed approximately 250m southeast of the Site.
1914 (1:2,500)	No significant change.	The Great Western and Great Central joint railway is shown along the northern boundary of the Site.
1934 (1:2,500)	An embankment from the railway is present along the northern portion of the Site. A road crosses the north-eastern portion of the Site.	No significant change.
1935-1938 (1:10,000)	The site is labelled as South Harefield Station (disused).	No significant change.
1970-1992 (1:2,500)	An engineering works facility was located in the central western portion of the Site. An associated travelling crane and further works building were located in the western portion of the Site. An unmarked building was located in the north-eastern portion of the Site.	A subway was labelled on the railway line to the north of the site. A golf course was labelled approximately 20m south of the Site. An oil depot with an electrical substation and tanks was located on the south-eastern adjacent property. A cottage was constructed approximately 250m southeast of the Site.
1999 (1:10,000)	The works facility in the central southern portion of the Site was demolished.	The Oil Depot underwent small redevelopments, including the construction of another building.
2003 (1:10,000)	The engineering works facility was partially demolished.	No significant change.
2009 (1:10,000)	One building was constructed in the south-eastern portion of the Site.	No significant change.
2023 (1:10,000)	The engineering works facility has been demolished. One building was located in the north-eastern portion of the Site.	The label 'Oil Depot' was removed from mapping. This property underwent small redevelopments, including the demolition of several buildings and the construction of one larger building.

4.3.2 Summary of the History of the Site and Surrounding Area

Based on the information obtained by TRC, the history of the Site and surrounding area can be summarised as follows:

- The Site appeared to be undeveloped agricultural land from earliest available mapping (1868-1891). By 1934, an embankment from the railway along the Site's northern boundary encroached onto Site and Skip Lane was constructed across the north-eastern portion of the Site. By 1963, a travelling crane was located in the western portion of the Site, an engineering works facility was located in the central western portion of the Site, a works facility was located in the southern portion of the Site, a travelling crane was located in the western portion of the Site, and an unmarked building was constructed in the north-eastern portion of the Site. The works facility in the southern portion of the Site was demolished by 1999. By 2009, one building was constructed in the north-eastern portion of the Site. The engineering works facility was redeveloped by 2003 and demolished by 2023.
- The Site appears in its current layout from 2023.
- The surrounding area appears relatively undeveloped from earliest available mapping (1868-1891). A large railway, oriented west – east was constructed by 1914 along the Site's northern boundary. By 1963-1972, an oil depot with an associated electrical substation and tanks was constructed on the south-eastern adjacent property. From construction until present, this oil depot underwent several small redevelopments.

4.4 Planning Department Records

The Hillingdon council planning portal was searched to appraise the history of planning applications for the Site. The database records show 16 applications in the last 29 years. The following details were found:

- 49984/APP/2014/487 – Proposal for the relocation of existing workshop building, alterations to open storage areas and transfer facility to include new boundary treatment, landscaping and installation of baler at Skip Lane, Harefield and Recycling Ltd, Skip Lane Harefield UB9 6RP, application received February 2014, Status: Withdrawn.
- 49984/APP/2004/2613 – Reorganisation and extension of Yard D including the installation of a waste recycling system and erection of a 10.1-metre-high fence comprising a 3.5 metre-high retaining wall, 3.6 metre-high fence and 3 metre-high netting, application received August 2004, Status: Approved
- 44724/K/96/0413 – Change of use of existing yard to use as a waste transfer station in conjunction with adjacent yard incorporating relocation of existing storage building, rationalization of car parking layout and erection of two storey operations control office, application received March 1996, Status: Approved.
- 44724/F/94/0970 – Renewal of planning permission ref. 44724/90/729; change of use from engineering works to waste transfer station and erection of workshop / garage and ancillary buildings, application received June 1994, Status: Withdrawn.

4.5 Unexploded Ordnance (UXO) Records

Based on online UXO mapping available on the Zetica website the Site lies in an area of low risk of potential UXO.

Given the low risk potential for UXOs to be present below site and in accordance with the guidance given in CIRIA C681, no further control measures relating to UXOs will be required prior to undertaking intrusive investigations.

5.0 Preliminary Environmental Risk Assessment

5.1 General

The methodology of this risk assessment uses the source-pathway-receptor contaminant linkage to provide a qualitative appraisal of environmental risks and potential liabilities associated with soil and groundwater contamination at the Site.

The initial conceptual site model (CSM) is prepared based on the current Site use.

5.2 Contamination Sources

Based on the information presented in this report the following sources of contamination have been identified.

Table 5.1: Summary of Potential Contamination Sources

Potential Sources	Potential Contaminants
Made Ground from previous development	Metals, PAH compounds, TPH, asbestos, ground gas
Current and former operations at the Site	Metals, PAH compounds, TPH, asbestos
Operations at surrounding properties	Metals, PAH compounds, TPH, ground gas
Electricity Substation (5m southeast)	PCBs
Tanks (50m southeast)	PAH compounds, TPH

5.3 Pathways

Based on the information presented in this report the following potentially active pathways have been identified.

- Dermal contact or ingestion with soil and groundwater
- Inhalation of soil dust or respirable fibres of asbestos
- Surface runoff
- Leaching of contaminants and vertical migration into groundwater
- Lateral migration of contaminants in groundwater
- Contact with buried services
- Migration of ground gas/organic vapour and ingress into buildings

5.4 Receptors

Based on the information presented in this report the following receptors have been identified.

- Current site users
- Neighbouring site users
- Construction and maintenance workers
- Construction materials
- Groundwater
- Surface waters

5.5 Initial Conceptual Site Model

Based on the information presented in this report the following potential contaminants linkages have been identified.

Table 5.2: Potential Contaminant Linkages

Source	Pathway	Receptor	Potential Contaminant Linkage
On-Site Sources			
<p>Potential for Made Ground from previous development at the Site.</p> <p>Potential for contaminants associated with former operations at the Site including as an engineering works.</p>	Dermal contact, ingestion and inhalation pathways	Current site users	<p>No</p> <p>The majority of the Site is covered by buildings and hardstanding. While Site users could come into contact with potentially contaminated soils in areas of soft landscaping it is understood that no new landscaping was installed as part of the scheme.</p>
		Neighbouring residents/site users	<p>No</p> <p>The nearest residents are over 1 km from Site so are unlikely to be affected. Neighbouring site users including golf course users and other industrial site workers are unlikely to be exposed to contaminants as there are no further planned construction works and the majority of the Site is covered by buildings and hardstanding.</p>
		Construction and maintenance workers	<p>No</p> <p>There are no further planned construction works and no new below ground services were constructed as part of the scheme.</p>
	Surface runoff	Surface water	<p>No</p> <p>The nearest surface water feature is located approximately 4m to the southwest and is an unnamed drainage ditch. However, the site is predominantly covered by hardstanding the recent development works are not anticipated to have altered the pre-existing situation.</p>

Source	Pathway	Receptor	Potential Contaminant Linkage
Active Off-Site Sources	Leaching of contaminants and vertical migration into groundwater	Groundwater	No The permeable bedrock geology (Lambeth Group and the Seaford / Newhaven Chalk Formation) is confined by the overlying low permeability London Clay Formation.
	Lateral migration of contaminants in groundwater	Surface water	No The site is underlain by low permeability deposits which will limit migration and it is unlikely that surface waters are in hydraulic continuity groundwater beneath the Site. Furthermore, the site is predominantly covered by hardstanding and the recent development works are not anticipated to have altered the pre-existing situation to allow any additional leaching or migration to occur.
	Contact with buried services	Buried services	No No new buried services were constructed as part of the scheme.
	Migration of ground gas/organic vapor and ingress into buildings	Current site users	Yes Construction of the new workshop is complete and construction details have not been provided. There is potential for ground gas and vapours to enter the building and accumulate.
		Construction and maintenance workers	No There are no further planned construction works and no new buried services were constructed as part of the scheme.

Source	Pathway	Receptor	Potential Contaminant Linkage
<p>Potential for contaminants associated with industrial operations surrounding the Site, including the neighbouring oil depot and railway line. There was also also an historic landfill approximately 7m north west.</p> <p>Potential for contaminants associated with tanks and electricity substations Including petroleum hydrocarbons, polycyclic aromatic hydrocarbons, heavy metals and polychlorinated biphenyls.</p>	Dermal contact, ingestion and inhalation pathways	Current site users	No The majority of the Site is covered by buildings and hardstanding. While Site users could come into contact with potentially contaminated soils in areas of soft landscaping it is understood that no new landscaping was installed as part of the scheme.
		Construction and maintenance workers	No There are no further planned construction works and no new buried services were constructed as part of the scheme.
	Contact with buried services	Buried services	No No new buried services were constructed as part of the scheme.
	Migration of ground gas/organic vapor and ingress into buildings	Current site users	Yes Construction of the new workshop is complete and construction details have not been provided. There is potential for ground gas and vapours to enter the building and accumulate.
		Construction and maintenance workers	No There are no further planned construction works and no new buried services were constructed as part of the scheme.

5.6 Other Property Related Environmental Issues

Table 5.3: Summary of Other Potential Environmental Issues

Issue	Detail
Coal Mining	Coal Authority records indicate that the Site is not located in an area that is affected by coal mining.
Radon	BGS records indicate that the Site is in a lower probability radon area where less than 1% of homes are estimated to be at or above the Action Level. On this basis, the BGS states that “no radon protective measures are necessary in the construction of new dwellings or extensions”.
Flood Risk	The Site is located within Flood Zone 1, which has a low probability of flooding.
Asbestos Containing Materials	<p>According to HESI’s Environmental Report, asbestos was encountered in four soil samples collected.</p> <p>An asbestos survey was not conducted as part of this scope of works. It is not known if an asbestos survey was undertaken prior to demolition of the former workshop building. The new workshop building should not contain any asbestos containing materials (ACM) due to its age.</p>
UXO Risk	The Site lies in an area of low risk of potential UXO.

6.0 Summary and Conclusions

6.1 Findings

At the time of writing this assessment, TRC understands that redevelopment works at the Site have been completed and that there are no further planned construction works. It is understood that the Site continues to operate as a non-hazardous waste recycling centre, with associated storage areas, car parking, workshops, offices, and segregated areas for waste.

The Site appeared to be undeveloped land from earliest available mapping (1864-1891). By 1934, an embankment from the railway along the Site's northern boundary encroached onto Site and Skip Lane was constructed across the north-eastern portion of the Site. By 1963, an engineering works, travelling crane and other works buildings were located on Site. The works facility in the southern portion of the Site was demolished by 1999. By 2009, one building was constructed in the north-eastern portion of the Site. The engineering works facility was redeveloped by 2003 and demolished by 2023.

The published geology is the London Clay Formation (Unproductive Strata), over the Lambeth Group (Secondary (A) Aquifer), over the Newhaven and Seaford Chalk Formation (Principal Aquifer). No superficial deposits are expected at the Site. The deeper aquifers are confined by overlying low permeability deposits and are therefore considered to be less sensitive to mobile contamination. The Site lies within a groundwater source protection zone III. However, it is likely that this is referring to the underlying chalk aquifer at depth.

The nearest surface water feature is located approximately 4m to the southwest and is an unnamed drainage ditch. There are several other drainage streams and ditches west of the Site. Several lakes and bays associated with the Broadwater Lake Nature Reserve are located approximately 400m west of the Site, and the River Colne is located approximately 515m southwest of the Site. The Site is underlain by low permeability deposits, and it is considered unlikely that surface water is in hydraulic connection with groundwater beneath the Site. Surface water is therefore not considered to be sensitive to contamination.

6.2 Summary of Environmental Risk

Based on this assessment, it is considered that the former land uses, specifically, the works facilities in the central portion of the Site, could potentially have impacted the underlying soil and groundwater conditions. It is also considered that the neighbouring Oil Depot, non-retail fuel station and railway may have impacted the underlying soil and groundwater conditions at the Site.

It is understood that the development works are now complete and there are no further planned construction works, therefore this risk assessment has been undertaken in relation to existing receptors.

The building footprints and hardstanding will eliminate the potential for direct contact with potential contamination by the existing Site users. While there is potential for exposure to contamination in areas of soft landscaping it is understood that no new landscaping was installed as part of the scheme. Similarly, there were no new buried services constructed as part of the scheme and therefore no new pathways have been identified in relation to buried services or future maintenance workers.

Construction workers and neighbouring residents are not at risk as there are no further planned construction works.

Controlled waters receptors are not considered to be at risk as the Site is underlain by low permeability deposits limiting vertical migration into the underlying confined aquifer and lateral migration to surface water receptors.

The potential for ground gases and/or organic vapours to enter and accumulate in the new building cannot be ruled out at this stage. However, the presence of the low permeability deposits will limit the potential for gas migration. Notwithstanding, Made Ground is a potential source of ground gas at the Site and historical landfills are recorded close to the Site, which could also be a potential source of ground gas.

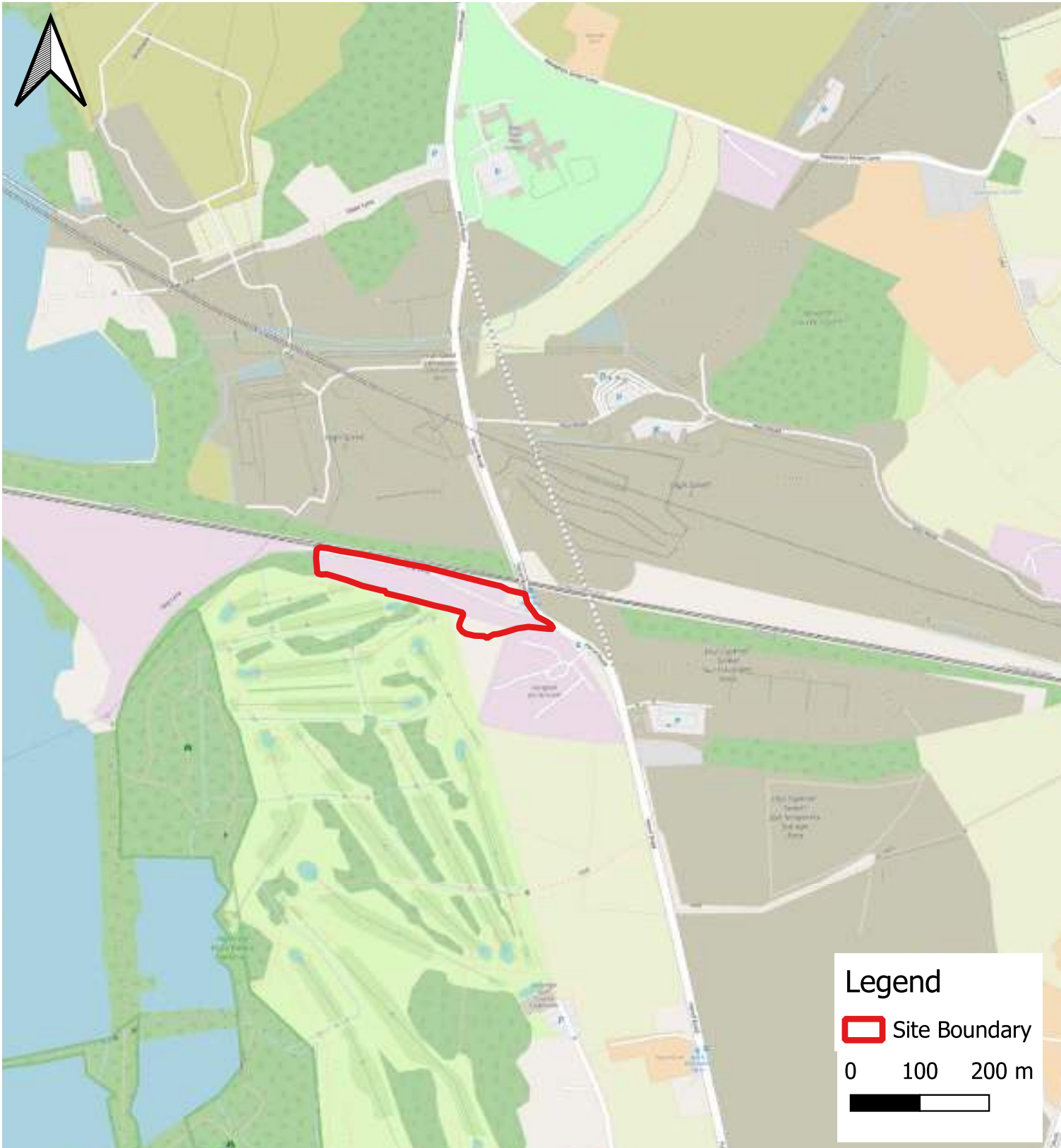
The construction details of the building have not been provided but it is understood that ground gas protection measures were not incorporated into the design.


No further potentially active contaminant linkages were identified.

It is acknowledged that this assessment, and a subsequent ground investigation in accordance with LCRM (2020) and BS10175:2011 (+A2:2017), BS5930:2015 (+A1:2020), should have been undertaken prior to development taking place.

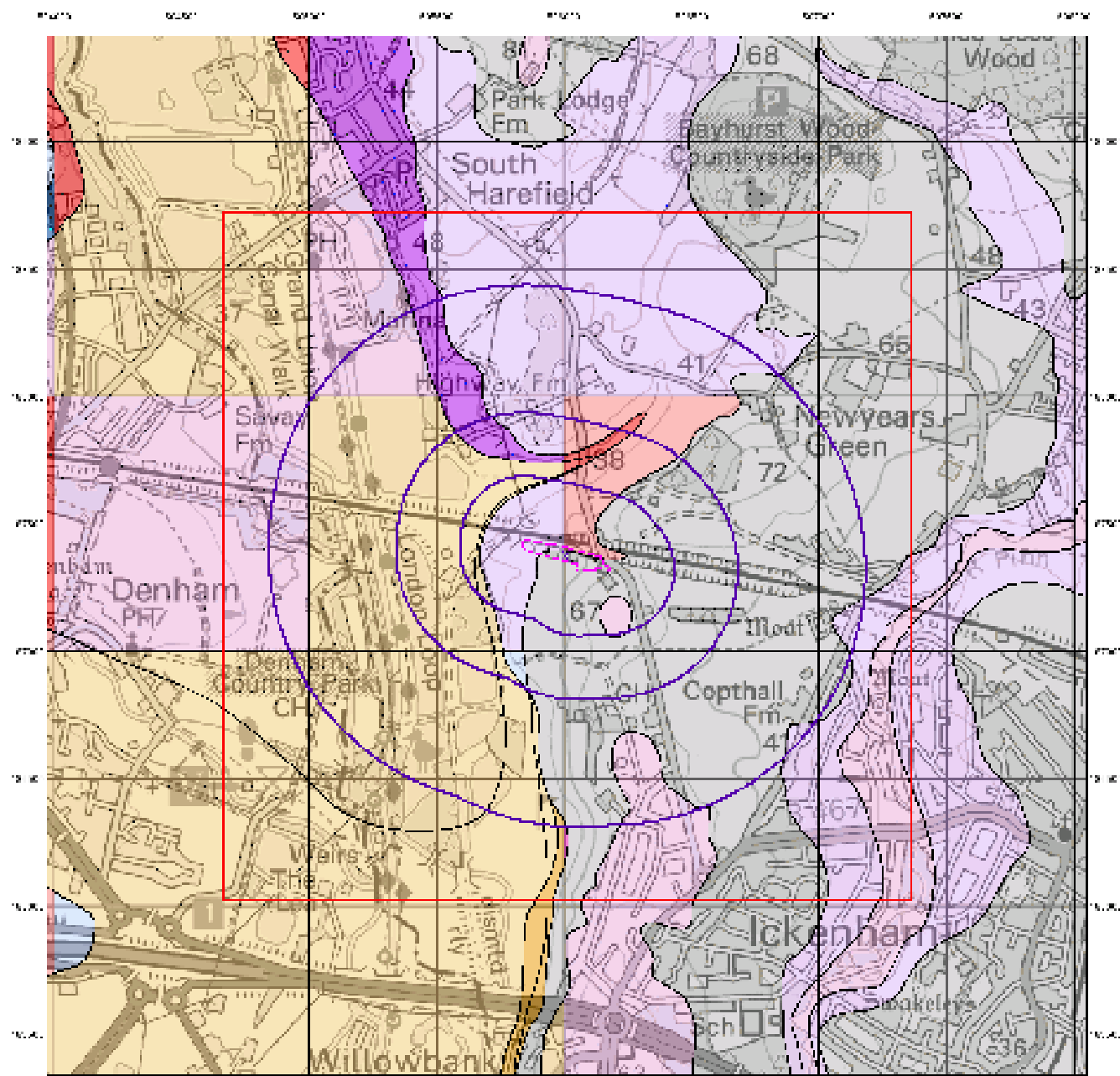
It is understood that a ground investigation was undertaken by another consultant post development. It is therefore recommended that the results of the investigation are reviewed to confirm if the work undertaken meets the above requirements and is sufficient to fully characterise the Site.

Annex A: Figures



NOTES	COPYRIGHT NOTES				REVISIONS	<div><div></div><div>Work.Life 20 Red Lion Street London WC1R 4PS</div></div>	TITLE		
	Google imagery June 2018						SITE LOCATION PLAN		
	© OpenStreetMap contributors- data is available under the Open Database License. Cartography licensed as CC BY-SA.					TRC PROJECT NO.	SCALE		
						552232.0000.0000	1:7700 @ A3 1:1800 @ A3		
	P01	FIRST ISSUE				GBN SERVICES LTD	PURPOSE OF ISSUE		STATUS
		Initials	JK	JK	03/07/23		SUITABLE FOR INFORMATION		
REV.	REVISION NOTES/COMMENTS				PROJECT	DRAWING NO		REVISION	
	Initials				SKIP LANE, HAREFIELD	FIGURE 01			

Annex B: Envirocheck Report



Groundwater Vulnerability

General

GV = Groundwater Vulnerability
L = Low
M = Medium
H = High

Agency and Hydrological

Bedrock Aquifers

- High Vulnerability Permeable Sandstone
- High Vulnerability Permeable Gravel
- Medium Vulnerability Permeable Sandstone
- Medium Vulnerability Permeable Gravel
- Low Vulnerability Permeable Sandstone
- Low Vulnerability Permeable Gravel
- Unconsolidated Aquifer
- Unconsolidated Aquifer

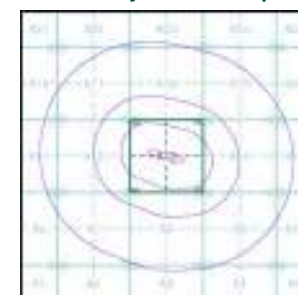
Superficial Aquifers

- High Vulnerability Permeable Sandstone
- High Vulnerability Permeable Gravel
- Medium Vulnerability Permeable Sandstone
- Medium Vulnerability Permeable Gravel
- Low Vulnerability Permeable Sandstone
- Low Vulnerability Permeable Gravel
- Unconsolidated Aquifer
- Unconsolidated Aquifer

Unconsolidated Aquifer

Unconsolidated Aquifer

Site Sensitivity Context Map - Slice A



Order Details

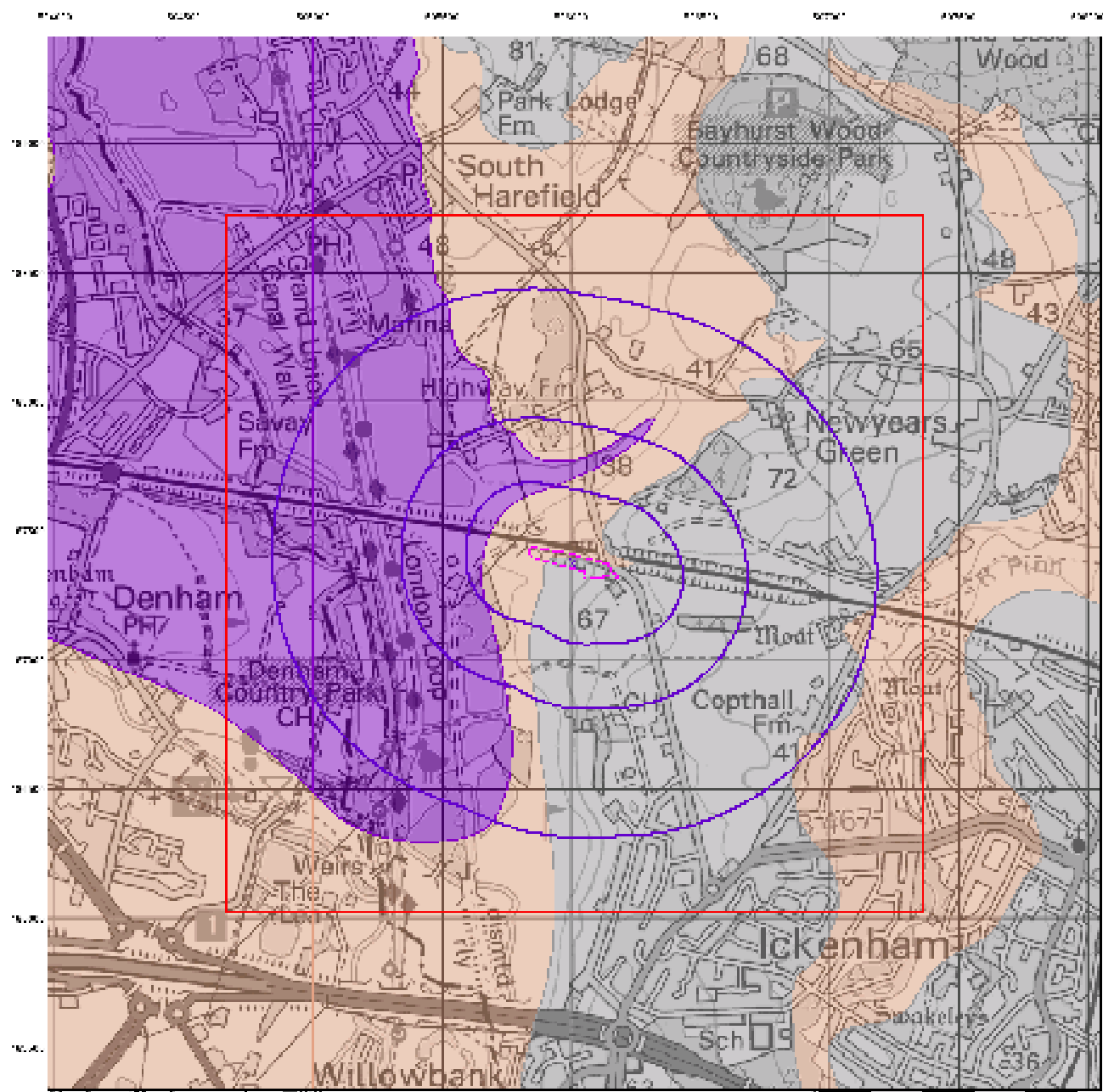
Order Number: 313514530_1_1
Customer Ref: 552232
National Grid Reference: 506010, 187370
Slice: A
Site Area (Ha): 1.71
Search Buffer (m): 1000

Site Details

Uxbridge Skip Hire, Skip Lane, Harvil Road, Harefield, UXBRIDGE, UB9 6JL



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Fax: 0844 844 9951
Web: www.envirocheck.co.uk



Bedrock Aquifer Designation

General

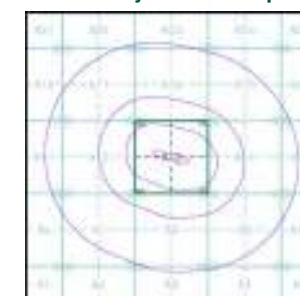
Proposed Location Proposed Location Proposed Location
 Boundary

Agency and Hydrological

Geological Classes

- Tertiary Aquifer
- Secondary Aquifer
- Secondary Aquifer
- Secondary Aquifer
- Tertiary Aquifer
- Tertiary
- Tertiary Aquifer

Site Sensitivity Context Map - Slice A



Order Details

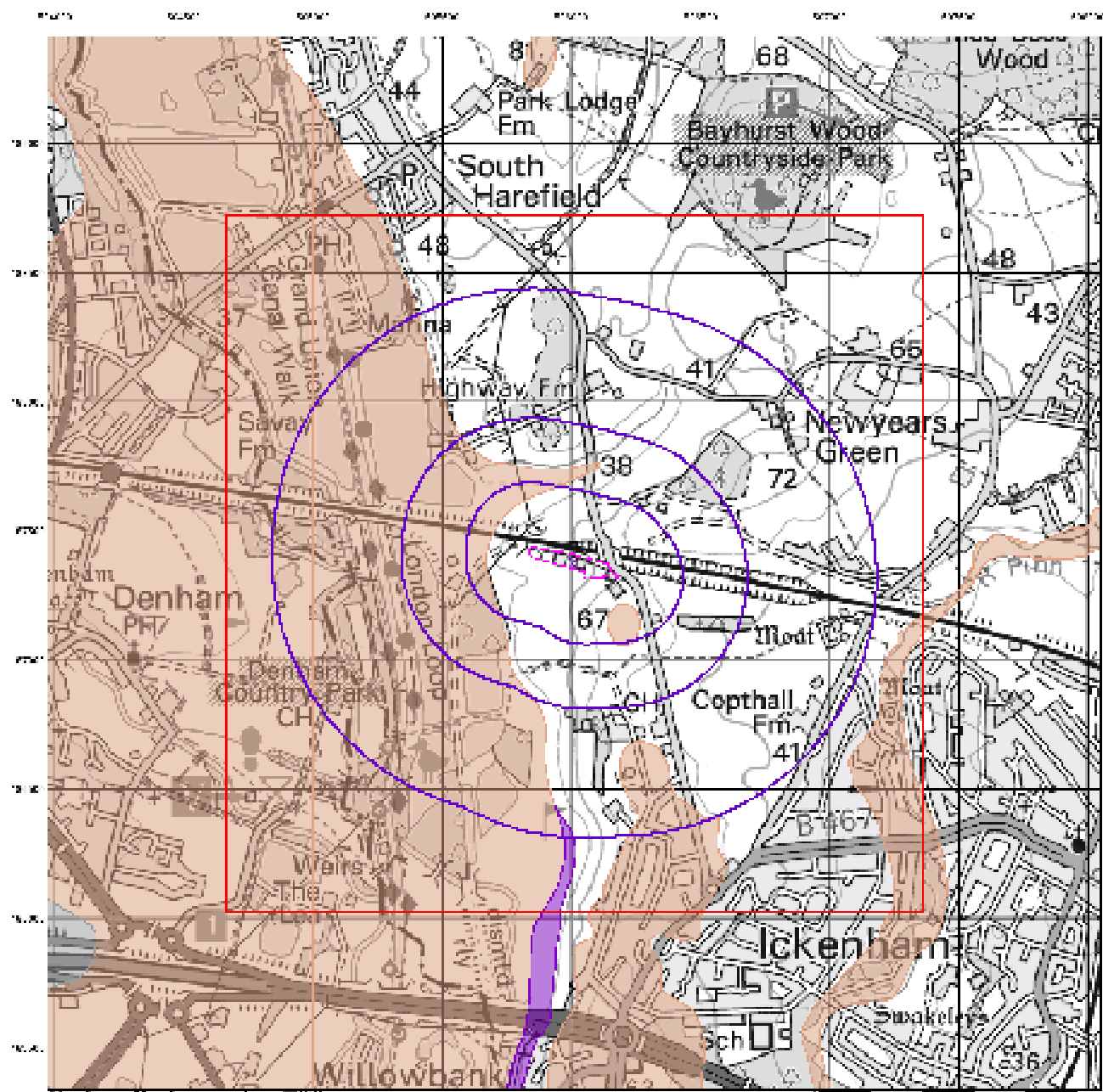
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 Customer Ref: 552232
 National Grid Reference: 506010, 187370
 Slice: A
 Site Area (Ha): 1.71
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Superficial Aquifer Designation

Ground

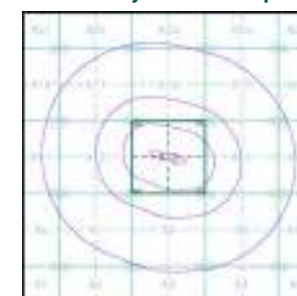
Groundwater Level
 Groundwater Level
 Groundwater Level

Agency and Hydrological

Geological Classes

- Primary Aquifer
- Secondary Aquifer
- Secondary Aquifer
- Secondary Aquifer
- Unconsolidated Aquifer
- Unconsolidated Aquifer
- Unconsolidated Aquifer

Site Sensitivity Context Map - Slice A



Order Details

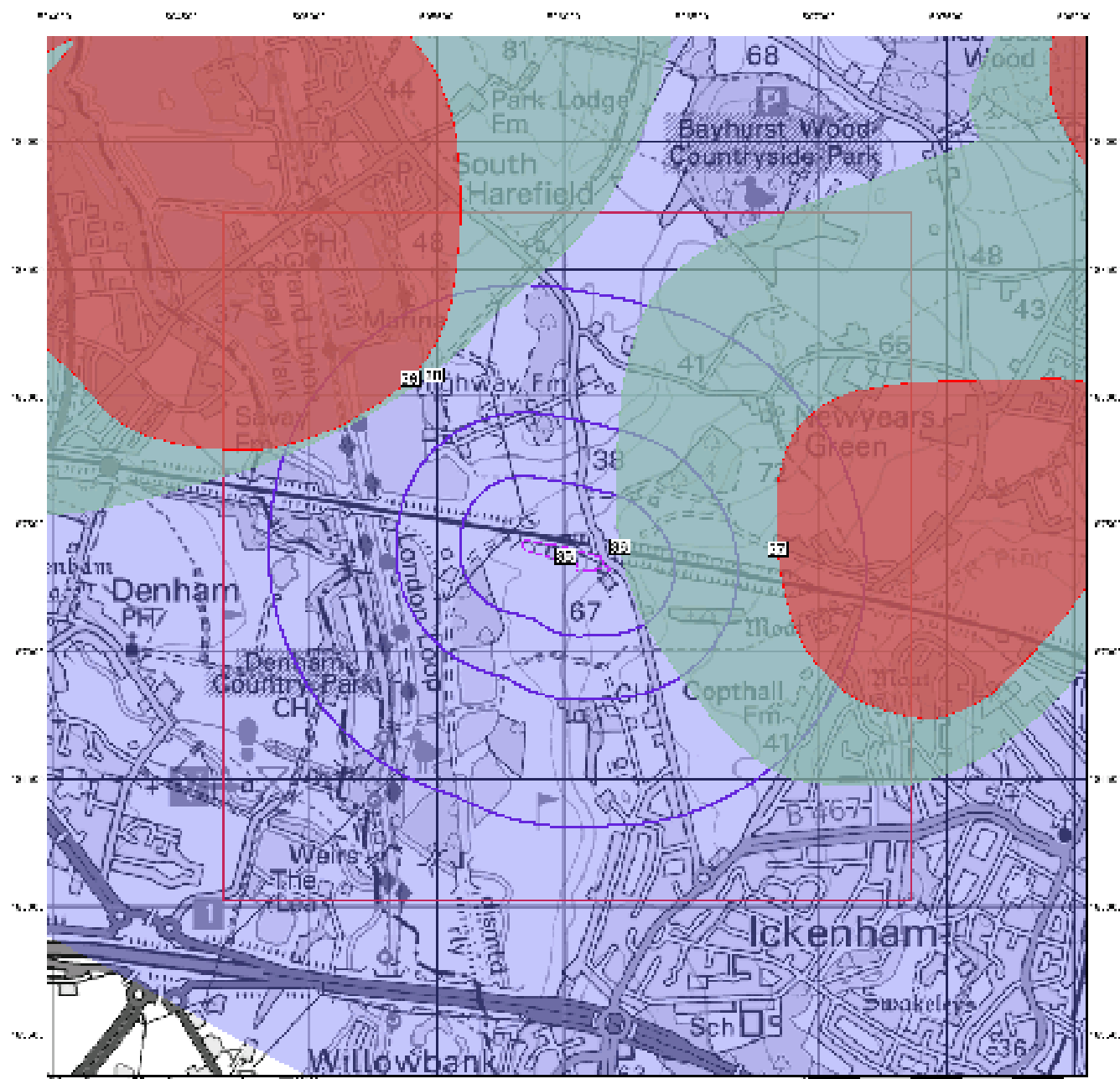
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 Slice: A
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Source Protection Zones

General

- SPZ 1 (1st Zone)
- SPZ 2 (2nd Zone)
- SPZ 3 (3rd Zone)

Agency and Hydrological

- Watercourse
- Watercourse (tributary to Denham)
- Watercourse (tributary to Denham)
- Watercourse (tributary to Denham)
- Watercourse (tributary to Denham)
- Watercourse (tributary to Denham)
- Watercourse (tributary to Denham)
- Watercourse (tributary to Denham)

Site Sensitivity Context Map - Slice A



Order Details

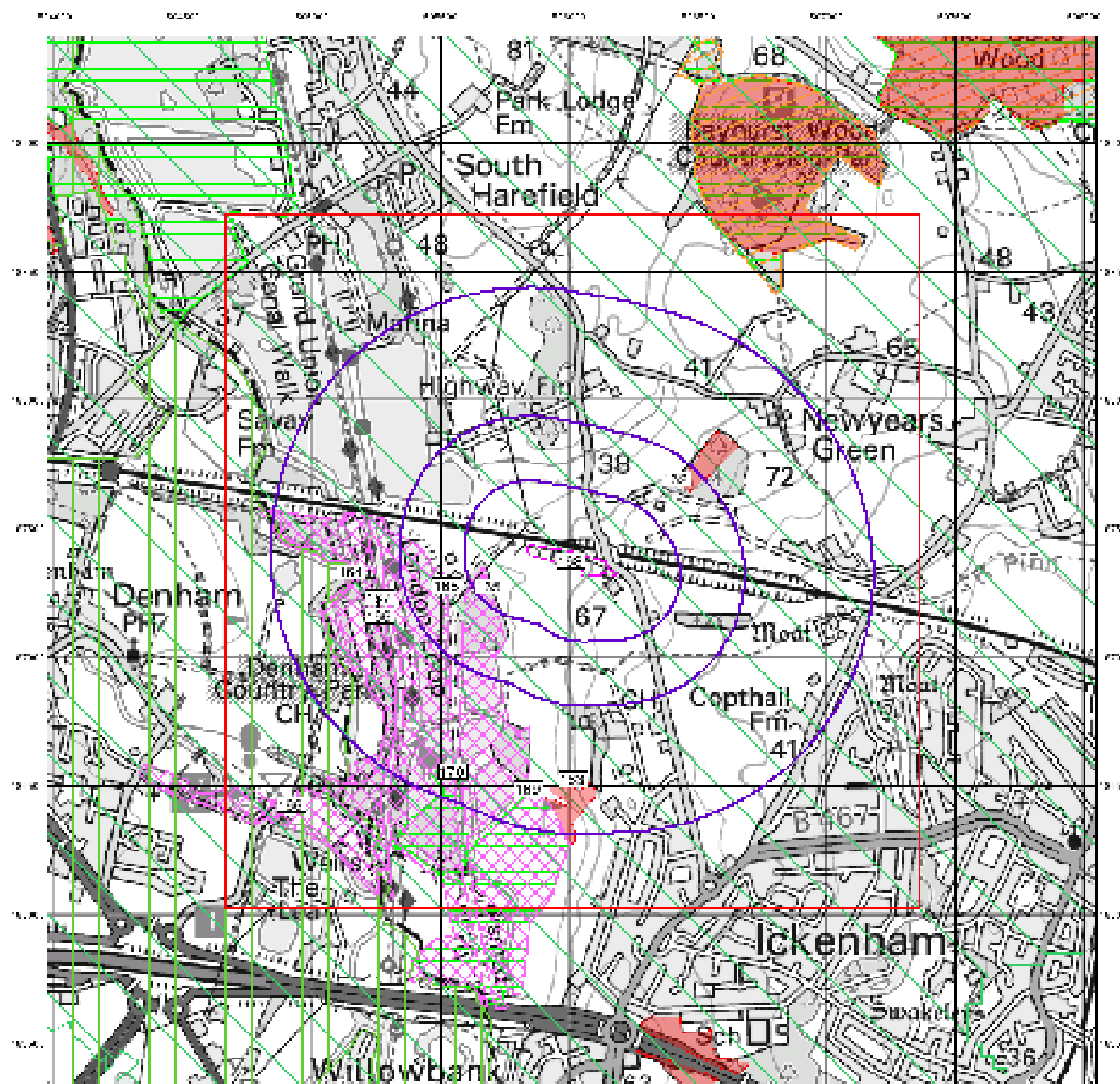
Order Number: 313514530_1_1
 Customer Ref: 552232
 National Grid Reference: 506010, 187370
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 Site Area (Ha): 1.71
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Site Details

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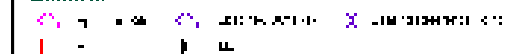


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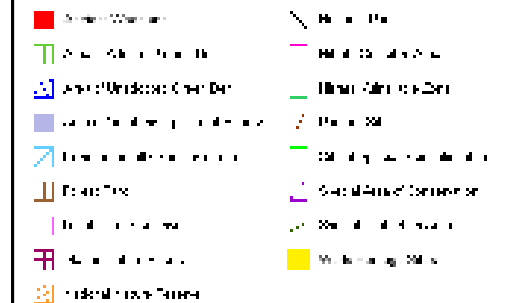


Sensitive Land Uses

СНИН.ИИ



Sensitive Land Units



Site Sensitivity Context Map - Slice A



Order Details

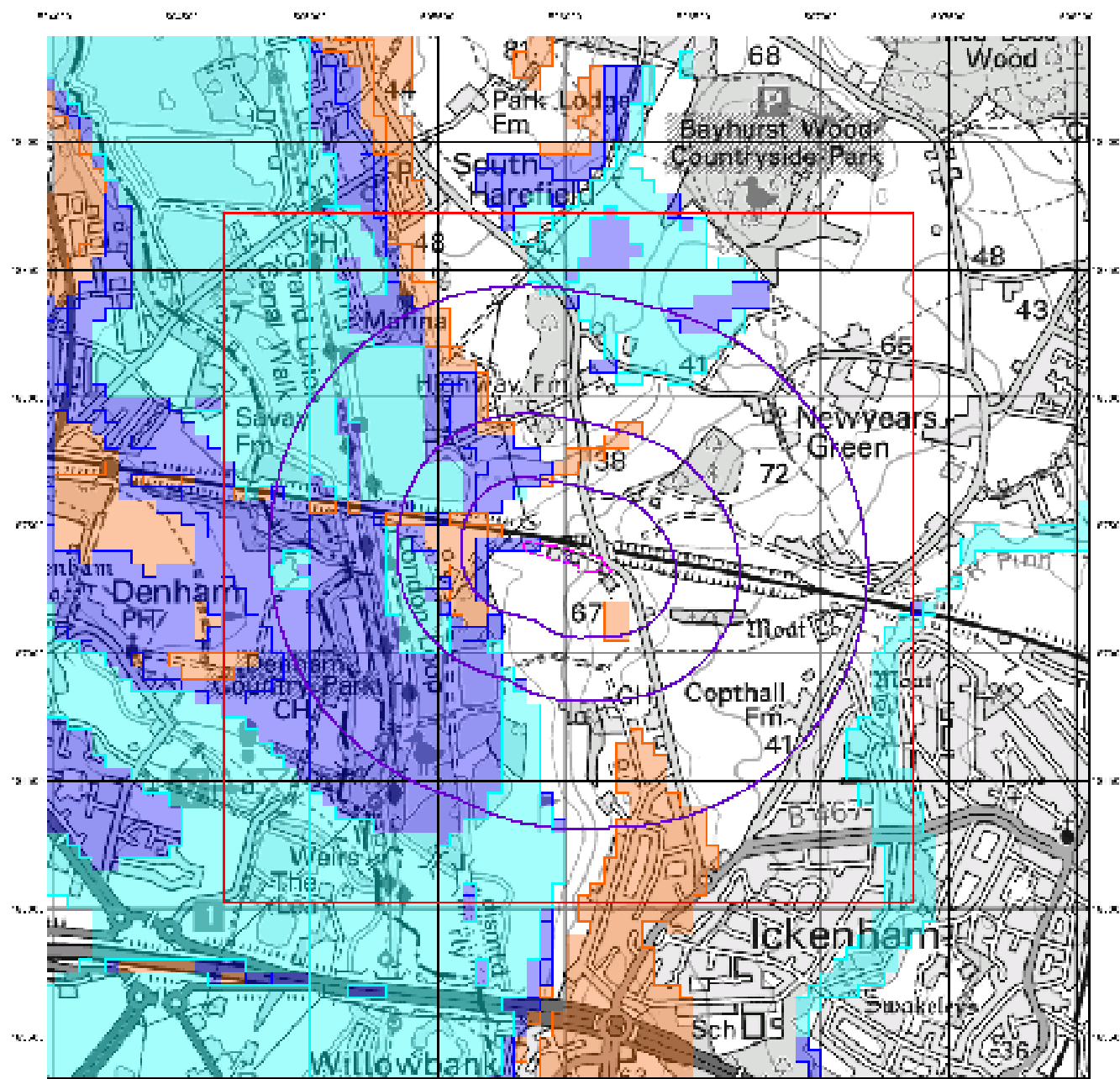
Order Number: 313514530_1_1
Customer Ref: 552232
National Grid Reference: 506010, 187370
Slice: A
Site Area (Ha): 1.71
Search Buffer (m): 1000

Site Details

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BGS Flood GFS Data

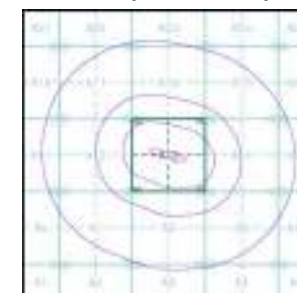
General

- X Flood Risk from Surface Water
- X Flood Risk from Surface Water and Groundwater
- X Flood Risk from Surface Water and Groundwater (Excluded)

Agency and Hydrological (Flood)

- Flood Risk from Surface Water
- Flood Risk from Surface Water and Groundwater
- Flood Risk from Surface Water and Groundwater (Excluded)

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 313514530_1_1
 Customer Ref: 552232
 National Grid Reference: 506010, 187370
 Slice: A
 Site Area (Ha): 1.71
 Search Buffer (m): 1000

Site Details

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

313514530_1_1

Customer Reference:

552232

National Grid Reference:

506010, 187370

Slice:

A

Site Area (Ha):

1.71

Search Buffer (m):

1000

Site Details:

Uxbridge Skip Hire
Skip Lane
Harvil Road, Harefield
UXBRIDGE
UB9 6JL

Client Details:

Mr W Nitch-Smith
TRC Companies Ltd
Work.Life
20 Red Lion Street
London
WC1R 4PQ

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	39
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Geological	43
Industrial Land Use	47
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Data Currency	51
Data Suppliers	57
Useful Contacts	58

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	pg 2				1
Discharge Consents	pg 2		1	3	5
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 5	1	1	1	
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 5		Yes		
Pollution Incidents to Controlled Waters	pg 5		7	2	8
Prosecutions Relating to Authorised Processes	pg 8				1
Registered Radioactive Substances	pg 8				1
River Quality	pg 8				3
River Quality Biology Sampling Points	pg 9				1
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 9	1			3
Water Abstractions	pg 10			2	1 (*66)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 27	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 28	2	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 28	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones	pg 28	1	1		3
Extreme Flooding from Rivers or Sea without Defences	pg 28		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 28		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 29		22	8	56

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 39				1
Historical Landfill Sites	pg 39		1	1	3
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 40				1
Licensed Waste Management Facilities (Locations)	pg 40	1	1	1	2
Local Authority Landfill Coverage		1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 41	2			2
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					
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 43	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 43			2	10
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 45	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 45	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 45	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 45		Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 45	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 45	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 46	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 47		8	1	20
Fuel Station Entries	pg 49		1		
Gas Pipelines					
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland	pg 50			1	1
Areas of Adopted Green Belt	pg 50				1
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 50		1		2
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 50	1			
Ramsar Sites					
Sites of Special Scientific Interest	pg 50				2
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 of Property Situated Below Ground Level	A13NW (W)	0	1	505900 187400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	94	1	505750 187450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	120	1	506150 187200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	140	1	505700 187373
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	143	1	505700 187450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	146	1	505900 187650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	156	1	505700 187500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (NW)	162	1	505850 187600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	219	1	505950 187650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	223	1	505650 187550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	243	1	505700 187200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	265	1	505750 187150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (NW)	268	1	505600 187550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	277	1	506007 187700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	295	1	505550 187350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	300	1	505550 187500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	307	1	505550 187300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	326	1	505550 187250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	330	1	505700 187100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	340	1	505500 187400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	341	1	505500 187373
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (W)	344	1	505500 187350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SW)	346	1	505600 187150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	352	1	505550 187200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SW)	360	1	505750 187050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	372	1	505500 187250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	376	1	505700 187050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	390	1	505450 187400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	391	1	505450 187450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	398	1	505450 187500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	414	1	505800 187850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	418	1	506150 187800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (SW)	443	1	505800 186950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	461	1	505850 186900
1	Contaminated Land Register Entries and Notices Location: New Years Green Lane Landfill Site Notice Type: Contaminated Land Record Of Determination Reference: Not Supplied Dated: 26th May 2011 Positional Accuracy: Positioned by the supplier Boundary Quality: Good	A18NE (N)	738	2	506262 188105
2	Discharge Consents Operator: Uxbridge Skip Hire Ltd. Property Type: WASTE COLLECTION/TREATMENT/DISPOSAL/MATERIALS RECOVERY Location: Uxbridge Skip Hire, Skip Lane, Harvil Road, Harefield, Middlesex Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTM.1219 Permit Version: 1 Effective Date: 24th December 1993 Issued Date: 24th December 1993 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Tiles Ditch Receiving Water: Tiles Ditch Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A13SW (W)	19	3	505950 187350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Pioneer Willment Concrete Limited Property Type: MAKING OF GLASS/CERAMICS/CEMENT/CUTTING STONE Location: Mineral Workings, Harvil Road, Harefield, Middlesex Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTM.0832 Permit Version: 1 Effective Date: 30th April 1993 Issued Date: 30th April 1993 Revocation Date: 13th June 2017 Discharge Type: Trade Discharge - Mineral Workings Discharge: Freshwater Stream/River Environment: Receiving Water: New Years Green Bourne Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A12SE (W)	397	3	505500 187195
4	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Dewes Farm, Harefielddewes Farmharefield Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.0833 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: New Years Green Bourne Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	499	3	505500 187800
4	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Dewes Farm, Harefielddewes Farmharefield Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.0833 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: New Years Green Bourne Status: Temporary Consents (Water Act 1989, Section 113) Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	499	3	505500 187800
5	Discharge Consents Operator: Thames Water Utilities Limited. Property Type: WTW/WATER COLLECTION/TREATMENT/SUPPLY Location: Ashford Common Treatment Works, Ash Staines Road West Ashford, Surrey Tw15 1ru Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntm.1472 Permit Version: 1 Effective Date: 7th July 1994 Issued Date: 7th July 1994 Revocation Date: 21st December 1995 Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge: Freshwater Stream/River Environment: Receiving Water: River Ash Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A8SW (S)	914	3	506000 186400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Thames Water Utilities Limited. Property Type: WTW/WATER COLLECTION/TREATMENT/SUPPLY Location: Ashford Common Treatment Works, Ash Staines Road West Ashford, Surrey Tw15 1ru Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntm.1472 Permit Version: 3 Effective Date: 17th May 1996 Issued Date: 7th July 1994 Revocation Date: 16th June 1996 Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge: Freshwater Stream/River Environment: Receiving Water: River Ash Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A8SW (S)	914	3	506000 186400
5	Discharge Consents Operator: Thames Water Utilities Limited. Property Type: WTW/WATER COLLECTION/TREATMENT/SUPPLY Location: Ashford Common Treatment Works, Ash Staines Road West Ashford, Surrey Tw15 1ru Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntm.1472 Permit Version: 4 Effective Date: 17th June 1996 Issued Date: 7th July 1994 Revocation Date: 19th May 1998 Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge: Freshwater Stream/River Environment: Receiving Water: River Ash Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A8SW (S)	914	3	506000 186400
6	Discharge Consents Operator: Middlesex County Council Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Stw, Denham Court Approved School, Denham, Bucks Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctcp.0191 Permit Version: 1 Effective Date: 17th October 1963 Issued Date: 17th October 1963 Revocation Date: 18th August 1994 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: R Colne Status: Authorisation revoked Positional Accuracy: Manually corrected supplier location	A7NW (W)	930	3	505000 187000
7	Discharge Consents Operator: The Occupier Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: The Bungalow, Harvil Road, Harefield, Middx Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: Ctcu.1302 Permit Version: 1 Effective Date: 31st January 1983 Issued Date: 31st January 1983 Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Deposits Ovr Read'G Bed Strata Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A18NW (N)	955	3	506000 188380

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Prosecutions Relating to Controlled Waters Location: Harefield Oil Terminal, Harvil Road, Harefield, UXBRIDGE, Middlesex, UB9 6JL Prosecution Text: EA Data 17/02/1999, Causing polluting matter to enter an unnamed tributary of the River Frays. Prosecution Act: WRA91 Hearing Date: 17th February 1999 Verdict: Guilty Fine: 5000 Cost: 808.5 Positional Accuracy: Manually positioned to the road within the address or location	A13SE (E)	58	3	506235 187301
9	Local Authority Pollution Prevention and Controls Name: Thames Materials Ltd. Location: Skip Lane, Uxbridge, Middlesex, Ub9 6jw Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/B2/17 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Permitted Positional Accuracy: Located by supplier to within 10m	A13NE (E)	0	4	506083 187386
10	Local Authority Pollution Prevention and Controls Name: Thames Materials Ltd. Location: Skip Lane, Off Harvil Road, Harefield, Middlesex, Ub9 6jw Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/B2/17 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Permitted Positional Accuracy: Located by supplier to within 100m	A12NE (W)	219	4	505622 187439
11	Local Authority Pollution Prevention and Controls Name: Hanson Premix Denham Location: Skip Lane, Harvil Road, Ickenham, UXBRIDGE, Middlesex, UB9 Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/B2/07 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG3/1 Blending, packing, loading and use of bulk cement Status: Authorised Positional Accuracy: Manually positioned to the address or location	A12SE (W)	288	4	505554 187371
	Nearest Surface Water Feature	A13SW (SW)	4	-	505985 187357
12	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Harefield Place Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: Not Supplied Incident Reference: N1910622 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	A13SE (SE)	15	3	506100 187300
13	Pollution Incidents to Controlled Waters Property Type: Not Given Location: HAREFIELD Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 21st July 1993 Incident Reference: N1930251 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	A13SW (S)	51	3	506000 187300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Uxbridge Golf Course Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Yes Incident Date: 21st July 1991 Incident Reference: N1910396 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	A13SW (S)	54	3	506000 187295
14	Pollution Incidents to Controlled Waters Property Type: Not Given Location: HAREFIELD Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Yes Incident Date: 23rd May 1991 Incident Reference: N1910269 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	A13SW (SW)	80	3	505900 187300
15	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Harefield Oil Terminal Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 23rd August 1990 Incident Reference: N1900487 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	A13SE (SE)	115	3	506100 187200
15	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Harvil Road, HAREFIELD Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 25th June 1996 Incident Reference: N1960329 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	A13SE (SE)	120	3	506105 187195
15	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Harefield Oil Terminal Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 10th March 1992 Incident Reference: N1920138 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	A13SE (SE)	120	3	506100 187195
16	Pollution Incidents to Controlled Waters Property Type: Not Given Location: New Years Green Authority: Environment Agency, Thames Region Pollutant: Chemicals - Unknown Note: Not Supplied Incident Date: 25th November 1998 Incident Reference: THNE1998041224 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	A17SE (NW)	436	3	505600 187800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	Pollution Incidents to Controlled Waters Property Type: Not Given Location: HAREFIELD Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Yes Incident Date: 25th October 1990 Incident Reference: N1900591 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	A12SE (W)	483	3	505400 187200
18	Pollution Incidents to Controlled Waters Property Type: Not Given Location: HAREFIELD Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Natural Note: Confirmed As A Pollution Incident Incident Date: 21st August 1995 Incident Reference: N1950460 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	A12NW (W)	583	3	505300 187650
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: DENHAM Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed incident Incident Date: 8th April 1999 Incident Reference: THNE1999042557 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	A12NW (W)	664	3	505200 187600
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: HAREFIELD Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Natural Note: Confirmed As A Pollution Incident Incident Date: 9th January 1994 Incident Reference: N1940008 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)	779	3	506600 188000
21	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Newyears Green, HAREFIELD Authority: Environment Agency, Thames Region Pollutant: Chemicals - Unknown Note: Confirmed incident Incident Date: 17th February 1999 Incident Reference: THNE1999041998 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)	796	3	506100 188200
22	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Denham Court, DENHAM Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 15th May 1990 Incident Reference: N1900236 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	A7NW (SW)	877	3	505200 186800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Pollution Incidents to Controlled Waters Property Type: Not Given Location: On Golf Course, RUISLIP Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 8th August 1996 Incident Reference: N1960426 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	A9NE (E)	880	3	507000 187000
24	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Newyears Green Lane, RUISLIP Authority: Environment Agency, Thames Region Pollutant: Storm Sewage Note: Not Supplied Incident Date: 24th March 1997 Incident Reference: THN11997029223 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)	912	3	506800 188000
25	Pollution Incidents to Controlled Waters Property Type: Not Given Location: ICKENHAM Authority: Environment Agency, Thames Region Pollutant: General Note: Not Supplied Incident Date: 20th October 1997 Incident Reference: THN11997030577 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	A15SW (E)	928	3	507100 187200
26	Prosecutions Relating to Authorised Processes Location: Civic Amenity Centre, New Years Green Lane, Harefield, UXBRIDGE, Middlesex, UB9 6LX Prosecution Text: EA Data 01/07/1999 (Ref 119/99), Depositing waste on 8th February 1999. (Spotted by an EA officer dumping a roll of linoleum and a door.) Prosecution Act: EPA90 s33(1a) Hearing Date: 21st June 1999 Verdict: Guilty Fine: 150 Costs: 240 Positional Accuracy: Manually positioned to the address or location	A18NE (N)	841	3	506107 188245
27	Registered Radioactive Substances Name: S-P Veterinary Holdings Ltd Location: Breakspear Road South, Harefield, UXBRIDGE, Middlesex, UB9 6LS Authority: Environment Agency, Thames Region Permit Reference: AC5518 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: Manually positioned to the address or location	A15SW (E)	902	3	507081 187364
	River Quality Name: Colne GQA Grade: River Quality B Reach: Guc (Harefield Reach) - Misbourne Estimated Distance (km): 6.8 Flow Rate: Flow less than 5 cumecs Flow Type: River Year: 2000	A12SE (W)	516	3	505344 187248

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: New Years Green Bourne GQA Grade: River Quality F Reach: Head Of Gravel Pit - Frays Estimated Distance (km): 1.2 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A12NW (W)	577	3	505276 187543
	River Quality Name: Guc (Denham Reach) GQA Grade: River Quality D Reach: Source - New Denham Strm Estimated Distance (km): 5.3 Flow Rate: Flow greater than 80 cumecs Flow Type: Canal Year: 2000	A12SW (W)	717	3	505131 187294
28	River Quality Biology Sampling Points Name: Frays River Reach: Head Of Gravel Pit To Frays Estimated Distance: 1.20 Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Biology GQA Grade F - Bad Year: 1995 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2000 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2002 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2003 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2004 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2005 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2006 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2007 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2008 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2009 GQA Grade: River Quality Biology GQA Grade B - Good	A12NW (W)	552	3	505290 187470
29	Substantiated Pollution Incident Register Authority: Environment Agency - Thames Region, North East Area Incident Date: 6th May 2014 Incident Reference: 1232924 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Other Pollutant	A13NE (NE)	0	3	506042 187393
30	Substantiated Pollution Incident Register Authority: Environment Agency - Thames Region, North East Area Incident Date: 21st April 2015 Incident Reference: 1330791 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants And Effects: Dust	A8NE (S)	562	3	506160 186756
31	Substantiated Pollution Incident Register Authority: Environment Agency - Thames Region, North East Area Incident Date: 30th June 2008 Incident Reference: 600583 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants And Effects: Dust Pollutant: Inert : Construction / Demolition Material	A9NW (SE)	595	3	506359 186752

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	Substantiated Pollution Incident Register Authority: Environment Agency - Thames Region, North East Area Incident Date: 21st April 2006 Incident Reference: 392510 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Asbestos Waste Pollutant: Specific Waste Materials: Contaminated Construction & Demolition Material & Waste	A19SE (NE)	871	3	506824 187911
33	Water Abstractions Operator: Hanson Quarry Products Europe Ltd Licence Number: 28/39/28/0509 Permit Version: 101 Location: Wet Pit At Harvil Road, South Harefield Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Harvil Road, South Harefield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th August 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12SE (W)	394	3	505500 187200
33	Water Abstractions Operator: Hanson Quarry Products Europe Ltd Licence Number: 28/39/28/0509 Permit Version: 100 Location: Wet Pit At Harvil Road, South Harefield Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1091 Yearly Rate (m3): 272760 Details: Harvil Road, South Harefield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th November 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12SE (W)	394	3	505500 187200
34	Water Abstractions Operator: Buckinghamshire Golf Co Ltd Licence Number: 28/39/28/0491 Permit Version: 100 Location: River Colne At Denham Court, Denham, Bucks Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Denham Court, Denham, Bucks Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd September 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (W)	940	3	504900 187400
	Water Abstractions Operator: Buckinghamshire Golf Co Ltd Licence Number: 28/39/28/0491 Permit Version: 100 Location: River Colne At Denham Court Golf Club, Denham Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 3000 Yearly Rate (m3): 1095000 Details: Denham Court, Denham, Bucks Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd September 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	1032	3	505000 186800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr J J Palmer Licence Number: 28/39/28/0275 Permit Version: 100 Location: Well At Denham Court Nursery, Denham, Middlesex Authority: Environment Agency, Thames Region Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 45 Yearly Rate (m3): 340 Details: Denham Court Nursery, Denham, Middlesex Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 13th February 1967 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6NE (SW)	1065	3	504900 186900
	Water Abstractions Operator: Mr J J Palmer Licence Number: 28/39/28/0275 Permit Version: 100 Location: Well At Denham Court Nursery, Denham, Middlesex Authority: Environment Agency, Thames Region Abstraction: Horticulture and Nurseries: Spray Irrigation - Spray Irrigation Definition Order Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Denham Court Nursery, Denham, Middlesex Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 13th February 1967 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6NE (SW)	1065	3	504900 186900
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 107 Location: Ickenham Pumping Station 'J2' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 15th October 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NW (E)	1185	3	507350 187512
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 106 Location: Ickenham Pumping Station 'J2' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 6th July 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NW (E)	1185	3	507350 187512

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 105 Location: Ickenham Pumping Station 'J2' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NW (E)	1185	3	507350 187512
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 104 Location: Ickenham Pumping Station 'J2' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 28th March 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NW (E)	1185	3	507350 187512
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 107 Location: Ickenham Pumping Station 'J3' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 15th October 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (E)	1199	3	507363 187518
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 106 Location: Ickenham Pumping Station 'J3' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 6th July 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (E)	1199	3	507363 187518

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 105 Location: Ickenham Pumping Station 'J3' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (E)	1199	3	507363 187518
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 104 Location: Ickenham Pumping Station 'J3' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 28th March 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (E)	1199	3	507363 187518
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 103 Location: Ickenham Pumping Station 'J' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th November 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15NE (E)	1233	3	507400 187500
	Water Abstractions Operator: Veolia Water Central Limited Licence Number: 28/39/28/0480 Permit Version: 102 Location: Ickenham Pumping Station 'J' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th July 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15NE (E)	1233	3	507400 187500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Three Valleys Water Plc Licence Number: 28/39/28/0480 Permit Version: 101 Location: Ickenham Pumping Station 'J' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th September 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15NE (E)	1233	3	507400 187500
	Water Abstractions Operator: Three Valleys Water Plc Licence Number: 28/39/28/0480 Permit Version: 100 Location: Ickenham Pumping Station 'J' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 18184 Yearly Rate (m3): 1 Details: Annual Abstraction Total Aggregated To Another Licence For Quantity Purposes. Chalk (Undifferentiate) Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (E)	1233	3	507400 187500
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 107 Location: Ickenham Pumping Station 'J1' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 15th October 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (E)	1315	3	507480 187522
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 106 Location: Ickenham Pumping Station 'J1' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 6th July 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (E)	1315	3	507480 187522

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 105 Location: Ickenham Pumping Station 'J1' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (E)	1326	3	507491 187520
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 104 Location: Ickenham Pumping Station 'J1' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 28th March 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (E)	1326	3	507491 187520
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 103 Location: Ickenham Pumping Station 'K' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th November 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15NE (E)	1332	3	507500 187500
	Water Abstractions Operator: Veolia Water Central Limited Licence Number: 28/39/28/0480 Permit Version: 102 Location: Ickenham Pumping Station 'K' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th July 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15NE (E)	1332	3	507500 187500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Three Valleys Water Plc Licence Number: 28/39/28/0480 Permit Version: 101 Location: Ickenham Pumping Station 'K' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th September 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15NE (E)	1332	3	507500 187500
	Water Abstractions Operator: Three Valleys Water Plc Licence Number: 28/39/28/0480 Permit Version: 100 Location: Ickenham Pumping Station 'K' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (E)	1332	3	507500 187500
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 107 Location: Blackford Pumping Station 'I1' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 15th October 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21SE (NW)	1396	3	504881 188450
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 106 Location: Blackford Pumping Station 'I1' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 6th July 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21SE (NW)	1396	3	504881 188450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 105 Location: Blackford Pumping Station 'I1' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21SE (NW)	1396	3	504881 188450
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 104 Location: Blackford Pumping Station 'I1' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 28th March 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21SE (NW)	1396	3	504881 188450
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 107 Location: Blackford Pumping Station 'I2' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 15th October 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21SE (NW)	1412	3	504839 188430
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 106 Location: Blackford Pumping Station 'I2' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 6th July 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21SE (NW)	1412	3	504839 188430

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 105 Location: Blackford Pumping Station 'I2' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21SE (NW)	1412	3	504839 188430
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 104 Location: Blackford Pumping Station 'I2' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 28th March 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21SE (NW)	1412	3	504839 188430
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 103 Location: Blackford Pumping Station 'I' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th November 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A21SE (NW)	1419	3	504800 188400
	Water Abstractions Operator: Veolia Water Central Limited Licence Number: 28/39/28/0480 Permit Version: 102 Location: Blackford Pumping Station 'I' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th July 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A21SE (NW)	1419	3	504800 188400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Three Valleys Water Plc Licence Number: 28/39/28/0480 Permit Version: 101 Location: Blackford Pumping Station 'I' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th September 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A21SE (NW)	1419	3	504800 188400
	Water Abstractions Operator: Three Valleys Water Plc Licence Number: 28/39/28/0480 Permit Version: 100 Location: Blackford Pumping Station 'I' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 20457 Yearly Rate (m3): 1 Details: Annual Abstraction Total Aggregated To Another Licence For Quantity Purposes. Chalk (Undifferentiate) Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21SE (NW)	1419	3	504800 188400
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 103 Location: Blackford Pumping Station 'L' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th November 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A21SE (NW)	1489	3	504800 188500
	Water Abstractions Operator: Veolia Water Central Limited Licence Number: 28/39/28/0480 Permit Version: 102 Location: Blackford Pumping Station 'L' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th July 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A21SE (NW)	1489	3	504800 188500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Three Valleys Water Plc Licence Number: 28/39/28/0480 Permit Version: 101 Location: Blackford Pumping Station 'L' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th September 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A21SE (NW)	1489	3	504800 188500
	Water Abstractions Operator: Three Valleys Water Plc Licence Number: 28/39/28/0480 Permit Version: 100 Location: Blackford Pumping Station 'L' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21SE (NW)	1489	3	504800 188500
	Water Abstractions Operator: Anoopam Mission Ltd Licence Number: 28/39/28/0230 Permit Version: 100 Location: Well At The Lea, Western Avenue, Denham Authority: Environment Agency, Thames Region Abstraction: Hotels; Public Houses And Conference Centres: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 11 Yearly Rate (m3): 4159 Details: The Lea, Western Avenue, Denham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th June 1979 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A2NW (SW)	1495	3	505100 186100
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 107 Location: Blackford Pumping Station 'I3' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 15th October 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21SE (NW)	1514	3	504830 188563

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 106 Location: Blackford Pumping Station 'I3' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 6th July 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21SE (NW)	1514	3	504830 188563
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 105 Location: Blackford Pumping Station 'I3' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21SE (NW)	1514	3	504830 188563
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 104 Location: Blackford Pumping Station 'I3' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point 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: 28th March 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21SE (NW)	1514	3	504830 188563
	Water Abstractions Operator: Harleyford Aggregates Limited Licence Number: 28/39/28/0037 Permit Version: 101 Location: Wet Gravel Pit At Harefield Moor Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 582 Yearly Rate (m3): 166419 Details: Harefield Moor, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st October 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21NE (NW)	1712	3	504860 188840

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Barhale Limited Licence Number: Th/039/0028/077 Permit Version: 1 Location: Ej2 Authority: Environment Agency, Thames Region Abstraction: Construction:Dewatering Abstraction Type: Water may be abstracted from a single point 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: 24th June 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1784	3	507964 187283
	Water Abstractions Operator: Barhale Limited Licence Number: Th/039/0028/075 Permit Version: 1 Location: Ej2 Authority: Environment Agency, Thames Region Abstraction: Construction:Dewatering Abstraction Type: Water may be abstracted from a single point 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: 4th May 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1784	3	507964 187283
	Water Abstractions Operator: Barhale Limited Licence Number: Th/039/0028/077 Permit Version: 1 Location: Ej1 Authority: Environment Agency, Thames Region Abstraction: Construction:Dewatering Abstraction Type: Water may be abstracted from a single point 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: 24th June 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1785	3	507965 187290
	Water Abstractions Operator: Barhale Limited Licence Number: Th/039/0028/075 Permit Version: 1 Location: Ej1 Authority: Environment Agency, Thames Region Abstraction: Construction:Dewatering Abstraction Type: Water may be abstracted from a single point 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: 4th May 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1785	3	507965 187290

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Barhale Limited Licence Number: Th/039/0028/077 Permit Version: 1 Location: Ej3 Authority: Environment Agency, Thames Region Abstraction: Construction:Dewatering Abstraction Type: Water may be abstracted from a single point 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: 24th June 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1788	3	507968 187279
	Water Abstractions Operator: Barhale Limited Licence Number: Th/039/0028/075 Permit Version: 1 Location: Ej3 Authority: Environment Agency, Thames Region Abstraction: Construction:Dewatering Abstraction Type: Water may be abstracted from a single point 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: 4th May 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1788	3	507968 187279
	Water Abstractions Operator: Barhale Limited Licence Number: Th/039/0028/077 Permit Version: 1 Location: Ej8 Authority: Environment Agency, Thames Region Abstraction: Construction:Dewatering Abstraction Type: Water may be abstracted from a single point 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: 24th June 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1790	3	507970 187294
	Water Abstractions Operator: Barhale Limited Licence Number: Th/039/0028/075 Permit Version: 1 Location: Ej8 Authority: Environment Agency, Thames Region Abstraction: Construction:Dewatering Abstraction Type: Water may be abstracted from a single point 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: 4th May 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1790	3	507970 187294

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Barhale Limited Licence Number: Th/039/0028/077 Permit Version: 1 Location: Ej4 Authority: Environment Agency, Thames Region Abstraction: Construction:Dewatering Abstraction Type: Water may be abstracted from a single point 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: 24th June 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1791	3	507971 187278
	Water Abstractions Operator: Barhale Limited Licence Number: Th/039/0028/075 Permit Version: 1 Location: Ej4 Authority: Environment Agency, Thames Region Abstraction: Construction:Dewatering Abstraction Type: Water may be abstracted from a single point 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: 4th May 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1791	3	507971 187278
	Water Abstractions Operator: Barhale Limited Licence Number: Th/039/0028/077 Permit Version: 1 Location: Ej5 Authority: Environment Agency, Thames Region Abstraction: Construction:Dewatering Abstraction Type: Water may be abstracted from a single point 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: 24th June 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1792	3	507972 187284
	Water Abstractions Operator: Barhale Limited Licence Number: Th/039/0028/075 Permit Version: 1 Location: Ej5 Authority: Environment Agency, Thames Region Abstraction: Construction:Dewatering Abstraction Type: Water may be abstracted from a single point 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: 4th May 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1792	3	507972 187284

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Barhale Limited Licence Number: Th/039/0028/077 Permit Version: 1 Location: Ej6 Authority: Environment Agency, Thames Region Abstraction: Construction:Dewatering Abstraction Type: Water may be abstracted from a single point 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: 24th June 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1793	3	507973 187289
	Water Abstractions Operator: Barhale Limited Licence Number: Th/039/0028/075 Permit Version: 1 Location: Ej6 Authority: Environment Agency, Thames Region Abstraction: Construction:Dewatering Abstraction Type: Water may be abstracted from a single point 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: 4th May 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1793	3	507973 187289
	Water Abstractions Operator: Barhale Limited Licence Number: Th/039/0028/077 Permit Version: 1 Location: Ej7 Authority: Environment Agency, Thames Region Abstraction: Construction:Dewatering Abstraction Type: Water may be abstracted from a single point 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: 24th June 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1794	3	507974 187293
	Water Abstractions Operator: Barhale Limited Licence Number: Th/039/0028/075 Permit Version: 1 Location: Ej7 Authority: Environment Agency, Thames Region Abstraction: Construction:Dewatering Abstraction Type: Water may be abstracted from a single point 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: 4th May 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1794	3	507974 187293

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: London Borough Of Hillingdon Licence Number: 28/39/28/0577 Permit Version: 1 Location: Swakeleys Lake, Ickenham- Borehole Authority: Environment Agency, Thames Region Abstraction: Municipal Grounds: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Swakeleys Lake, Ickenham, Middlesex Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 2nd April 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A5SW (SE)	1830	3	507310 185880
	Water Abstractions Operator: Barhale Limited Licence Number: Th/039/0036/026 Permit Version: 11 Location: Chalk At Allotment Gardens 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: 24th June 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1892	3	507983 186746
	Water Abstractions Operator: Barhale Limited Licence Number: Th/039/0036/027 Permit Version: 1 Location: Silt And Sand At Allotment Gardens, Ickenham 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: 29th July 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1906	3	508000 186754
	Water Abstractions Operator: Roussel Laboratories Ltd Licence Number: 28/39/28/0468 Permit Version: 100 Location: Borehole At North Orbital Road, Denham Authority: Environment Agency, Thames Region Abstraction: Research Non-University/College: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 205 Yearly Rate (m3): 4546 Details: North Orbital Road, Denham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th May 1988 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(NW)	1994	3	504300 188700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Roussel Laboratories Ltd Licence Number: 28/39/28/0468 Permit Version: 100 Location: Borehole At North Orbital Road, Denham Authority: Environment Agency, Thames Region Abstraction: Research Non-University/College: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: North Orbital Road, Denham Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 10th May 1988 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NW)	1994	3	504300 188700
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13NW (N)	0	5	506009 187393
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: <3m Superficial Recharge: No Data	A13NW (N)	0	5	506000 187394
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: <3m Superficial Recharge: No Data	A13SW (W)	0	5	506000 187373

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Unproductive Aquifer (may have productive aquifer beneath) Classification: Unproductive Combined Vulnerability: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13SW (N)	0	5	506007 187373
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - High Possibility	A13SW (W)	0	5	506000 187373
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - High Possibility	A13SW (N)	0	5	506007 187373
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13SW (N)	0	5	506007 187373
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NW (N)	0	5	506009 187393
	Superficial Aquifer Designations No Data Available				
35	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A13SW (N)	0	3	506007 187373
36	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A13NE (E)	57	3	506219 187410
37	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A14NE (E)	660	3	506836 187403
38	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A17NE (NW)	744	3	505469 188085
39	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A17NE (NW)	772	3	505396 188071
	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 (N)	237	3	505915 187675
	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 (N)	240	3	505915 187680
	Areas Benefiting from Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flood Water Storage Areas None				
	Flood Defences None				
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (SW)	4	6	505985 187357
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (S)	14	6	506012 187332
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (SW)	17	6	505978 187345
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (SW)	20	6	505977 187343
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (S)	21	6	506012 187332
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (S)	22	6	506009 187332
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (S)	29	6	505991 187329
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (SW)	30	6	505988 187329

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 84.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (SW)	37	6	505970 187326
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (SW)	67	6	505887 187317
50	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: 1	A13SW (SW)	67	6	505887 187317
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (W)	74	6	505776 187348
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (W)	82	6	505778 187335
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (SW)	83	6	505890 187300
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (SW)	89	6	505892 187293
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (W)	91	6	505779 187332
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 98.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (W)	108	6	505782 187308

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (SW)	156	6	505910 187219
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (SW)	162	6	505912 187212
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 156.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A13SW (SW)	184	6	505917 187188
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 97.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (SW)	184	6	505917 187188
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 183.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (S)	216	6	506023 187100
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 177.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (S)	260	6	505934 187082
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 559.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	300	6	505979 187738
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (N)	335	6	506030 187745
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 503.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (N)	336	6	506064 187740

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (N)	338	6	506060 187743
67	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: 1	A18SE (N)	346	6	506051 187752
68	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 233.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SE (NW)	448	6	505510 187737
69	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 1246.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	496	6	505397 187164
70	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 134.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (NW)	556	6	505349 187692
71	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 532.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (NW)	556	6	505349 187692
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NW (W)	557	6	505284 187461
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 69.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (S)	562	6	505905 186771
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1193.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	569	6	505276 187312

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 145.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NW (W)	579	6	505263 187467
76	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 2062.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Grand Union Canal Catchment Name: Trent Primacy: 1	A12SW (W)	591	6	505272 187229
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NW (W)	614	6	505251 187597
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 262.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (S)	621	6	505844 186729
79	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 118.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A12NW (W)	628	6	505213 187386
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 100.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (SW)	639	6	505745 186754
81	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 77.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (SW)	651	6	505729 186750
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 397.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	666	6	505184 187288
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 599.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 2	A12SW (W)	676	6	505166 187367

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 2	A12SW (W)	676	6	505166 187355
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 2	A12SW (W)	676	6	505166 187355
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 474.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A12SW (W)	690	6	505156 187317
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 170.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	690	6	505156 187317
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 390.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A12SW (W)	690	6	505156 187317
89	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 175.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NE (SW)	715	6	505664 186706
90	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 67.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A7NE (SW)	715	6	505664 186706
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 387.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	752	6	506367 188091
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	755	6	506367 188091

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 175.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A8SW (SW)	757	6	505696 186647
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 368.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	763	6	506369 188098
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 186.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14SE (E)	806	6	506960 187120
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NW (SW)	812	6	505168 186944
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NW (SW)	816	6	505164 186941
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A7NW (SW)	831	6	505151 186935
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 245.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A7NW (SW)	831	6	505151 186935
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 237.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SW (S)	832	6	505811 186517
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SW (S)	832	6	505811 186517

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SW (S)	839	6	505828 186505
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SW (S)	839	6	505828 186505
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 353.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 2	A7NW (SW)	842	6	505110 186980
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 292.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SW (S)	843	6	505824 186502
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SE (W)	860	6	504988 187288
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 242.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NW (SW)	860	6	505296 186733
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7SE (SW)	860	6	505592 186576
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A11NE (W)	877	6	504963 187386
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 293.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A11NE (W)	877	6	504963 187386

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 52.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SE (W)	887	6	504960 187299
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A15SW (E)	892	6	507034 187062
113	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 56.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A11SE (W)	904	6	504938 187359
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A15SW (E)	912	6	507055 187064
115	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 8.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17NE (NW)	914	6	505373 188222
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A15SW (E)	918	6	507060 187059
117	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 29.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17NE (NW)	920	6	505365 188224
118	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 89.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SE (W)	937	6	504908 187311
119	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 172.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SW (S)	944	6	505682 186446

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
120	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 9.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A15SW (E)	948	6	507088 187050
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	995	6	506659 188220
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	995	6	506659 188220
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 205.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	996	6	506669 188215
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 192.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	997	6	506652 188227
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 108.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SE (W)	999	6	504849 187278

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
126	BGS Recorded Landfill Sites Site Name: New Years Green Lane Location: Landfill Site, Harefield, UXBRIDGE, Middlesex Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Derived	A18NE (N)	742	-	506246 188113
127	Historical Landfill Sites Licence Holder: Pioneer Willment Limited Location: Harvil Road Name: Land off Harvil Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11319 First Input Date: 31st December 1967 Last Input Date: 31st December 1973 Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5510/0064 BGS Ref: Not Supplied Other Ref: 8HI022	A13NW (W)	7	3	505834 187426
128	Historical Landfill Sites Licence Holder: Not Supplied Location: South Harefield, Hillingdon, London Name: Dews Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11323 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: 8HI025	A18SW (N)	488	3	505877 187925
129	Historical Landfill Sites Licence Holder: Mr R E Webb Location: Newyears Green, Hillingdon, London Name: New Years Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11341 First Input Date: Not Supplied Last Input Date: 31st December 1989 Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5510/0010 BGS Ref: Not Supplied Other Ref: 8HI059, HIL068	A19SW (NE)	700	3	506632 187869
130	Historical Landfill Sites Licence Holder: Gretaer London Council Location: Pinewood Road, Iver Heath Name: Park Lodge Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11331 First Input Date: 31st December 1944 Last Input Date: 31st December 1974 Specified Waste: Deposited Waste included Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5510/0009 BGS Ref: 1108 Other Ref: 8HI038, HIL045	A18NE (N)	743	3	506263 188111

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
131	Historical Landfill Sites Licence Holder: Hoveringham's Limited and S W Boyer Location: South Harefield, Hillingdon, London Name: Harefield Marina Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11325 First Input Date: 31st December 1947 Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial and Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5510/0022 BGS Ref: Not Supplied Other Ref: 8HI033, HIL039	A17NW (NW)	973	3	505290 188238
132	Licensed Waste Management Facilities (Landfill Boundaries) Name: Western Mound Ruislip Northern Sustainable Placement S2 Licence Number: 403421 Location: Western Mound Ruislip Northern Sustainable Placement S2, UB9 6LX Licence Holder: Skanska Costain Strabag (Scs) Joint Venture Authority: Environment Agency - South East Region, North East Thames Area Site Category: Inert LF Max Input Rate: Not Supplied Licence Status: Issued Issued: 17th June 2022 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A19SW (NE)	747	3	506495 188028
133	Licensed Waste Management Facilities (Locations) Licence Number: 80072 Location: Skip Lane, Harvil Road, Harefield, Uxbridge, Middlesex, UB9 6JL Operator Name: G B N Services Ltd Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Modified Issued: 19th December 1991 Last Modified: 11th October 2016 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	0	3	506011 187381
134	Licensed Waste Management Facilities (Locations) Licence Number: 106046 Location: Mobile Plant, RCS Harefield Oil Terminal, Harvil Road, Uxbridge, UB9 6JL Operator Name: RCS Environmental Solutions Ltd Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Mobile Plant for remediation of land Licence Status: Issued Issued: 11th August 2022 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	A13SE (E)	57	3	506229 187291
135	Licensed Waste Management Facilities (Locations) Licence Number: 401566 Location: Skip Lane, Harvil Road, Harefield, Uxbridge, Middlesex, UB9 6RP Operator Name: Thames Materials Limited Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Physical Treatment Facilities Licence Status: Modified Issued: 29th January 2015 Last Modified: 30th November 2020 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NE (W)	284	3	505557 187439

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	Licensed Waste Management Facilities (Locations) Licence Number: 103857 Location: B F A Recycling Ltd, New Years Green Lane, Harefield, Uxbridge, Middlesex, UB9 6LX Operator Name: B F A Recycling Ltd Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Metal recycling site Licence Status: Issued Issued: 3rd April 2012 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	A19SW (NE)	686	3	506466 187974
137	Licensed Waste Management Facilities (Locations) Licence Number: 80043 Location: New Years Green Lane C A Site, New Years Green Lane, Harefield, Uxbridge, Middlesex, UB9 6LX Operator Name: London Borough of Hillingdon Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Non-hazardous & hazardous HWA Site Licence Status: Modified Issued: 8th November 1989 Last Modified: 8th July 2019 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NE (N)	892	3	506129 188293
	Local Authority Landfill Coverage Name: London Borough of Hillingdon - Has not been able to supply Landfill data		0	4	506007 187373
	Local Authority Landfill Coverage Name: Buckinghamshire County Council - Has supplied landfill data		691	7	505153 187337
	Local Authority Landfill Coverage Name: South Buckinghamshire District Council - Has supplied landfill data		691	8	505153 187337
138	Registered Waste Transfer Sites Licence Holder: Uxbridge Skip Hire Ltd Licence Reference: DL367 Site Location: Yard D Harvil Road, Harefield, Hillingdon, Uxbridge, Middlesex, UB9 6JL Operator Location: 91 Burns Road, Alpertons, WEMBLEY, Middlesex, HA0 1JR Authority: Environment Agency - Thames Region, North East Area Site Category: Transfer Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is known Dated: 26th May 1999 Preceded By: DL367 Licence: Superseded By: Not Given Licence: Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Supplied Authorised Waste: Lwra Cat Bii Gen. Scrap Metal Some Of Lwra Cat. A = Inert Wastes Lwra Cat. Bi Gen.Non-Putresc Lwra Cat. C 'Putresc' Some Of Prohibited Waste: Special Waste (As In Epa 1990:S62 Of 1996 Regs) Waste N.O.S.	A13NW (NW)	0	3	505920 187410

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
138	Registered Waste Transfer Sites Licence Holder: Uxbridge Skip Hire Ltd Licence Reference: DL367 Site Location: Yard D Harvil Road, Harefield, Hillingdon, Uxbridge, Middlesex, Ub9 6jl Operator Location: 91 Burns Road, Alperton, WEMBLEY, Middlesex, HA0 1JR Authority: Environment Agency - Thames Region, North East Area Site Category: Transfer Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Record supersededSuperseded Dated: 12th December 1991 Preceded By: Not Given Licence: Superseded By: DL367 Licence: Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Supplied Authorised Waste: Lead/Acid Batteries Lwra Cat Bii Gen. Scrap Metal Some Of Lwra Cat. A = Inert Wastes Lwra Cat. Bi Gen.Non-Putresc Lwra Cat. C 'Putresc' Some Of Max.Waste Permitted By Licence-States Clinical - As In Coll/Disp.Regis Of '88 Special Wastes N.O.S. Waste N.O.S. Prohibited Waste	A13NW (NW)	0	3	505920 187410
139	Registered Waste Transfer Sites Licence Holder: L.B. of Hillingdon Licence Reference: DL442 Site Location: New Years Green Lane C.A.Site, Harefield, UXBRIDGE, Middlesex, UB9 6LX Operator Location: Environment Group, Civic Centre, UXBRIDGE, Middlesex, UB8 1UW Authority: Environment Agency - Thames Region, North East Area Site Category: Civic Amenity - with transfer Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 9th March 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Lead/Acid Batteries Lwra Cat. A = Inert Wastes Lwra Cat. Bi Gen.Non-Putresc (Some) Lwra Cat. C 'Putresc' (Some) Lwra Cat. E = Difficult Gen.W. (Some) Max.Waste Permitted By Licence Waste Mineral Oils Clinical - As In Control.Waste Regs'92 Special Wastes N.O.S. Waste N.O.S. Prohibited Waste	A18NE (N)	854	3	506150 188250
140	Registered Waste Transfer Sites Licence Holder: L.B. of Hillingdon Licence Reference: CR/022 Site Location: New Years Green Lane, Harefield, Uxbridge, Middlesex Operator Location: As Site Address Authority: Environment Agency - Thames Region, North East Area Site Category: Civic Amenity - with transfer Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1977 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Civic Amenity/Refuse Amenity Waste House, Com + Ind.Waste Waste Oil Prohibited Waste: Clinical Wastes Difficult Waste N.O.S Notifiable Wastes N.O.S	A19SE (NE)	912	3	506800 188000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Lambeth Group	A13SW (N)	0	1	506007 187373
	BGS 1:625,000 Solid Geology Description: Thames Group	A13SE (SE)	0	1	506105 187311
141	BGS Recorded Mineral Sites Site Name: Harefield Halt & Embankment Location: Harefield, Ickenham, Uxbridge, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 19793 Type: Opencast Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Present Day Geology: Rail Embankment Commodity: Mineral Positional Accuracy: Located by supplier to within 10m	A12SE (W)	295	1	505555 187325
142	BGS Recorded Mineral Sites Site Name: Dews Farm Sand Pit Location: South Harefield, Northwood, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 19806 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeogene Geology: Lambeth Group (Woolwich And Reading Beds) Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A18SW (N)	454	1	505925 187885
143	BGS Recorded Mineral Sites Site Name: Harefield Halt Location: Ickenham, Uxbridge, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 2397 Type: Opencast Status: Ceased Operator: Willment Ready Mix Concrete Ltd. Operator Location: Not Supplied Periodic Type: Quaternary Geology: Shepperton Gravel Member (River Colne Gravel) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	526	1	505430 187070
144	BGS Recorded Mineral Sites Site Name: Home Farm Gravel Pit Location: Denham Lock, Ickenham, Uxbridge, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 19790 Type: Opencast Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Quaternary Geology: Shepperton Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	628	1	505650 186800
145	BGS Recorded Mineral Sites Site Name: Home Farm Gravel Pit Location: Denham Lock, Ickenham, Uxbridge, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 19791 Type: Opencast Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Quaternary Geology: Shepperton Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	728	1	505655 186695

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
146	BGS Recorded Mineral Sites Site Name: Broadwater Lake Gravel Pit Location: South Harefield, Northwood, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 16548 Type: Opencast Status: Ceased Operator: J. Hawtrey & Co., Ltd. Operator Location: Not Supplied Periodic Type: Quaternary Geology: Shepperton Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	736	1	505300 187935
147	BGS Recorded Mineral Sites Site Name: Uxbridge Road Sand Pit Location: South Harefield, Northwood, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 19801 Type: Opencast Status: Ceased Operator: Sand & Shingle Ltd. Operator Location: Not Supplied Periodic Type: Palaeogene Geology: Lambeth Group (Woolwich And Reading Beds) Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A18NW (N)	743	1	505940 188175
148	BGS Recorded Mineral Sites Site Name: Dews Farm Sand Pit Location: South Harefield, Northwood, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 19805 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeogene Geology: Lambeth Group (Woolwich And Reading Beds) Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	827	1	505640 188240
149	BGS Recorded Mineral Sites Site Name: Highway Farm Gravel Pit Location: Harefield, Northwood, Greater London Source: British Geological Survey, National Geoscience Information Service Reference: 248576 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeogene Geology: Lambeth Group Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A18NE (N)	863	1	506064 188275
150	BGS Recorded Mineral Sites Site Name: Home Farm Gravel Pit Location: Denham Lock, Ickenham, Uxbridge, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 19792 Type: Opencast Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Quaternary Geology: Shepperton Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A8SW (S)	921	1	505695 186465
151	BGS Recorded Mineral Sites Site Name: Uxbridge Road Sand Pit Location: Harefield, Uxbridge, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 169880 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeogene Geology: Lambeth Group Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	944	1	506490 188247

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
152	BGS Recorded Mineral Sites Site Name: Harefield Place Location: Denham Lock, Ickenham, Uxbridge, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 19789 Type: Opencast Status: Ceased Operator: Hoveringham Gravels Ltd. Operator Location: Not Supplied Periodic Type: Quaternary Geology: Shepperton Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	970	1	505440 186515
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	506007 187373
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	506007 187373
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	151	1	505903 187654
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	506007 187373
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	505921 187422
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	151	1	505903 187654
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	506007 187373
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	138	1	505945 187608
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	164	1	505720 187552
	Potential for Ground Dissolution Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	167	1	505904 187661
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	506007 187373
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	6	1	506060 187297
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	128	1	506140 187511
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A14NW (E)	194	1	506353 187412
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	506007 187373
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	151	1	505903 187654

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	506009 187393
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	506007 187373
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	164	1	505904 187661
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	506007 187373
	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	A13SW (N)	0	1	506007 187373

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
153	Contemporary Trade Directory Entries Name: Recycled Tyre Co Location: R C S Compound, Harvil Road, Harefield, Uxbridge, Middlesex, UB9 6JL Classification: Tyre Repairs & Retreading Status: Active Positional Accuracy: Manually positioned within the geographical locality	A13SE (E)	5	-	506184 187327
153	Contemporary Trade Directory Entries Name: Ltc Southern Location: Harefield Oil Terminal, Harvil Road, Harefield, Uxbridge, Middlesex, UB9 6JL Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	24	-	506191 187299
153	Contemporary Trade Directory Entries Name: Hanson Ready-Mixed Concrete Location: Harvil Road, Harefield, Uxbridge, Middlesex, UB9 6JL Classification: Concrete & Mortar Ready Mixed Status: Active Positional Accuracy: Manually positioned within the geographical locality	A13SE (E)	24	-	506191 187299
153	Contemporary Trade Directory Entries Name: British Benzol Location: Harefield Oil Terminal, Harvil Rd, Harefield, Uxbridge, Middlesex, UB9 6JL Classification: Oil Companies Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SE (E)	24	-	506190 187298
153	Contemporary Trade Directory Entries Name: Advance Fuels Location: Harefield Oil Terminal, Harvil Road, Harefield, Uxbridge, UB9 6JL Classification: Oil Companies Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (E)	25	-	506191 187298
153	Contemporary Trade Directory Entries Name: Pace Fuelcare Location: Harefield Oil Terminal, Harvil Road, Harefield, Uxbridge, UB9 6JL Classification: Oil Fuel Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (E)	25	-	506191 187298
153	Contemporary Trade Directory Entries Name: Refuels Ltd Location: Harefield Oil Terminal, Harvil Road, Harefield, Uxbridge, UB9 6JL Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	25	-	506191 187298
154	Contemporary Trade Directory Entries Name: G C R Carriage Co Location: Harvil Ho, Harvil Rd, Ickenham, Uxbridge, Middlesex, UB10 8AJ Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SE (SE)	163	-	506283 187194
155	Contemporary Trade Directory Entries Name: R M C Garages Location: 2 Dewes Farm Cottages, Harvil Road, Harefield, Uxbridge, UB9 6JN Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	496	-	505861 187934
156	Contemporary Trade Directory Entries Name: Quantum Tuning Location: 1, Harvil Farm, Harvil Road, Ickenham, Uxbridge, Middlesex, UB10 8AJ Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	595	-	506359 186753
156	Contemporary Trade Directory Entries Name: Molly Maid Location: 1, Harvil Farm, Harvil Road, Ickenham, Uxbridge, Middlesex, UB10 8AJ Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	595	-	506359 186753
156	Contemporary Trade Directory Entries Name: Baylis Recycling Ltd Location: Harvil Farm, Harvil Road, Harefield, Uxbridge, Middlesex, UB9 6JL Classification: Recycling Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	595	-	506359 186753

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
156	Contemporary Trade Directory Entries Name: Ragnar Classic Engineering Location: Harvil Farm, Harvil Rd, Ickenham, Uxbridge, Middlesex, UB10 8AJ Classification: Classic Car Specialists Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	595	-	506358 186752
156	Contemporary Trade Directory Entries Name: Ncw Distributors Location: Harvil Farm, Harvil Rd, Ickenham, Uxbridge, Middlesex, UB10 8AJ Classification: Paint Varnish & Lacquer Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	595	-	506358 186752
156	Contemporary Trade Directory Entries Name: Premier Wheel Refurbishment Location: 1, Harvil Farm, Harvil Road, Ickenham, Uxbridge, Middlesex, UB10 8AJ Classification: Wheel Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	595	-	506359 186753
156	Contemporary Trade Directory Entries Name: Uxbridge Recycling Location: Harvil Rd, Harefield, Uxbridge, Middlesex, UB9 6JL Classification: Reclaiming - Waste Products Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	596	-	506384 186760
157	Contemporary Trade Directory Entries Name: M S D Animal Health Location: Breakspear Road South, Harefield, Uxbridge, UB9 6LS Classification: Veterinary Pharmacies Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	759	-	506934 187412
158	Contemporary Trade Directory Entries Name: B F A Recycling Location: New Years Green Lane, Harefield, Uxbridge, Middlesex, UB9 6LX Classification: Scrap Metal Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	846	-	506130 188246
158	Contemporary Trade Directory Entries Name: Harefield Civic Amenities Site Location: New Years Green Lane, Harefield, Uxbridge, UB9 6LX Classification: Recycling Services Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	851	-	506152 188247
159	Contemporary Trade Directory Entries Name: Lloyd Metal Spinners Ltd Location: Copthall Farm, Breakspear Road South, Ickenham, Uxbridge, Middlesex, UB10 8HB Classification: Metal Spinners Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	873	-	506847 186758
159	Contemporary Trade Directory Entries Name: Bespoke Fire & Flu Services Ltd Location: COTHALL FARM, BREAKSPEAR ROAD SOUTH, ICKENHAM, UXBRIDGE, UB10 8HB Classification: Fireplaces & Mantelpieces Status: Active Positional Accuracy: Automatically positioned to the address	A9NE (SE)	892	-	506869 186753
160	Contemporary Trade Directory Entries Name: Commercial Sprinklers Ltd Location: 6a Copthall Farm, Breakspear Road South, Ickenham, Uxbridge, Middlesex, UB10 8HB Classification: Firefighting Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	910	-	506888 186748
160	Contemporary Trade Directory Entries Name: Keyline Press Ltd Location: Copthall Farm, Breakspear Road South, Ickenham, Uxbridge, UB10 8HB Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	947	-	506911 186718

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
160	Contemporary Trade Directory Entries Name: Residential Sprinkler Solutions Location: Copthall Farm, Breakspear Road South, Ickenham, Uxbridge, UB10 8HB Classification: Firefighting Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	947	-	506911 186718
160	Contemporary Trade Directory Entries Name: Windmill Furniture Ltd Location: Copthall Farm, Breakspear Road South, Ickenham, Uxbridge, UB10 8HB Classification: Kitchen Furniture Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	947	-	506911 186718
160	Contemporary Trade Directory Entries Name: Start Location: Breakspear Road South, Ickenham, Uxbridge, Middlesex, UB10 8HB Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	947	-	506912 186719
160	Contemporary Trade Directory Entries Name: Windmill Furniture Ltd Location: Copthall Farm, Breakspear Road South, Ickenham, Uxbridge, UB10 8HB Classification: Cabinet Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	947	-	506911 186718
160	Contemporary Trade Directory Entries Name: Key Line Press Location: Copthall Farm, Breakspear Road South, Ickenham, Uxbridge, Middlesex, UB10 8HB Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	947	-	506912 186719
160	Contemporary Trade Directory Entries Name: Area Screen Printers Ltd Location: Copthall Farm, Breakspear Road South, Ickenham, Uxbridge, Middlesex, UB10 8HB Classification: Screen Process Printers Status: Active Positional Accuracy: Automatically positioned to the address	A9NE (SE)	947	-	506912 186719
161	Fuel Station Entries Name: Harefield Oil Terminal Hgv Location: Harvil Road, Harefield Ickenham, Hillingdon, Middlesex, UB9 6JL Brand: Certas Energy Premises Type: Petrol Station Status: Non-Retail Positional Accuracy: Manually positioned to the address or location	A13SE (E)	25	-	506191 187298

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
162	Ancient Woodland Name: Newyears Green Covert Reference: 1504749 Area(m²): 21589.58 Type: Ancient and Semi-Natural Woodland	A14NW (NE)	421	9	506415 187692
163	Ancient Woodland Name: The Pinnocks Wood Reference: 1496315 Area(m²): 22373.84 Type: Ancient and Semi-Natural Woodland	A8SE (S)	789	9	506016 186525
164	Areas of Adopted Green Belt Authority: South Buckinghamshire District Council (now part of Buckinghamshire Council), Development Control Department Plan Name: Proposal Map Status: Adopted Plan Date: 22nd February 2011	A12SW (W)	691	10	505153 187331
165	Local Nature Reserves Name: Frays Valley Multiple Area: Y Area (m2): 718701.01 Source: Natural England Designation Date: 1st January 2000	A13SW (W)	180	9	505690 187274
166	Local Nature Reserves Name: Denham Quarry Park (Mapped Boundary Not Verified) Multiple Area: Y Area (m2): 296139.51 Source: Natural England Designation Date: Not Supplied	A12SW (W)	599	9	505263 187231
167	Local Nature Reserves Name: Denham Country Park (Mapped Boundary Not Verified) Multiple Area: N Area (m2): 198233.48 Source: Natural England Designation Date: 24th July 1997	A12SW (W)	599	9	505263 187231
168	Nitrate Vulnerable Zones Name: Colne And Guc (From Confluence With Chess To Ash) Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SW (N)	0	5	506007 187373
169	Sites of Special Scientific Interest Name: Frays Farm Meadows Multiple Areas: N Total Area (m2): 262972.44 Source: Natural England Reference: 1002024 Designation Details: Site Of Special Scientific Interest Designation Date: 9th October 1984 Date Type: Notified	A8SW (S)	852	9	505840 186489
170	Sites of Special Scientific Interest Name: Denham Lock Wood Multiple Areas: N Total Area (m2): 68230.67 Source: Natural England Reference: 1001883 Designation Details: Site Of Special Scientific Interest Designation Date: 9th December 1986 Date Type: Notified	A7SE (SW)	894	9	505548 186555

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Buckinghamshire Council Environment Agency - Head Office South Buckinghamshire District Council (now part of Buckinghamshire Council) - Environmental Health Department London Borough of Harrow - Environmental Health Services London Borough of Hillingdon - Environmental Protection Unit Three Rivers District Council - Environmental Health Department Chiltern District Council (now part of Buckinghamshire Council) - Environmental Health London Borough of Ealing - Environmental Health and Trading Standards Division	December 2019 June 2020 October 2014 October 2017 October 2017 October 2017 September 2017 September 2017	Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Thames Region	April 2023	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 - North East Thames Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region	January 2023 January 2023 January 2023	Quarterly Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control London Borough of Hillingdon - Environmental Health Department London Borough of Harrow - Environmental Health Services Buckinghamshire Council Three Rivers District Council - Environmental Health Department London Borough of Ealing - Environmental Health and Trading Standards Division Chiltern District Council (now part of Buckinghamshire Council) - Environmental Health South Buckinghamshire District Council (now part of Buckinghamshire Council) - Environmental Health Department	August 2014 December 2014 February 2015 February 2015 July 2015 October 2014 September 2014	Variable Variable Variable Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls London Borough of Hillingdon - Environmental Health Department London Borough of Harrow - Environmental Health Services Buckinghamshire Council Three Rivers District Council - Environmental Health Department London Borough of Ealing - Environmental Health and Trading Standards Division Chiltern District Council (now part of Buckinghamshire Council) - Environmental Health South Buckinghamshire District Council (now part of Buckinghamshire Council) - Environmental Health Department	August 2014 December 2014 February 2015 February 2015 July 2015 October 2014 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Not Applicable Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements London Borough of Hillingdon - Environmental Health Department London Borough of Harrow - Environmental Health Services Buckinghamshire Council Three Rivers District Council - Environmental Health Department London Borough of Ealing - Environmental Health and Trading Standards Division Chiltern District Council (now part of Buckinghamshire Council) - Environmental Health South Buckinghamshire District Council (now part of Buckinghamshire Council) - Environmental Health Department	August 2014 December 2014 February 2015 February 2015 July 2015 October 2014 September 2014	Variable Variable Variable Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	April 2023	
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	

Agency & Hydrological	Version	Update Cycle
Registered Radioactive Substances Environment Agency - Thames Region	June 2016	As notified
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 - North East Thames Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - North East Area	April 2023 April 2023 April 2023	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Thames Region	April 2023	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	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2023	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	Quarterly
OS Water Network Lines Ordnance Survey	April 2023	Quarterly
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	March 2023	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 - North East Thames Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - North East Area	January 2023 January 2023 January 2023	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South East Region - North East Thames Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - North East Area	January 2023 January 2023 January 2023	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Buckinghamshire Council Buckinghamshire County Council Chiltern District Council (now part of Buckinghamshire Council) - Environmental Health Hertfordshire County Council - Spatial Planning and Economy Unit London Borough of Ealing London Borough of Harrow - Environmental Health Services London Borough of Hillingdon - Environmental Health Department South Buckinghamshire District Council (now part of Buckinghamshire Council) Three Rivers District Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003 February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Buckinghamshire Council Buckinghamshire County Council Chiltern District Council (now part of Buckinghamshire Council) - Environmental Health Hertfordshire County Council - Spatial Planning and Economy Unit London Borough of Ealing London Borough of Harrow - Environmental Health Services London Borough of Hillingdon - Environmental Health Department South Buckinghamshire District Council (now part of Buckinghamshire Council) Three Rivers District Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018 October 2018 October 2018 October 2018 October 2018 October 2018	
Registered Landfill Sites Environment Agency - Thames Region - North East Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency - Thames Region - North East Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Thames Region - North East Area	June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	March 2023	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 Buckinghamshire Council Chiltern District Council (now part of Buckinghamshire Council) - Planning Department Hertfordshire County Council - Spatial Planning and Economy Unit London Borough of Ealing South Buckinghamshire District Council (now part of Buckinghamshire Council) - Development Control Department Buckinghamshire County Council London Borough of Hillingdon London Borough of Harrow Three Rivers District Council	February 2016 February 2016 February 2016 February 2016 February 2016 February 2023 January 2016 June 2023 June 2023	Variable Variable Variable Variable Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents London Borough of Harrow Buckinghamshire Council Buckinghamshire County Council Chiltern District Council (now part of Buckinghamshire Council) - Planning Department Hertfordshire County Council - Spatial Planning and Economy Unit London Borough of Ealing South Buckinghamshire District Council (now part of Buckinghamshire Council) - Development Control Department Three Rivers District Council London Borough of Hillingdon	April 2015 February 2016 February 2016 February 2016 February 2016 February 2016 February 2016 February 2016 February 2016 January 2016	Variable Variable Variable Variable Variable 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 Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	June 2023	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	September 2022	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	September 2022	Annually
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2023	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2023	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Underground Electrical Cables National Grid	February 2023	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2023	Bi-Annually
Areas of Adopted Green Belt Buckinghamshire Council Chiltern District Council (now part of Buckinghamshire Council) - Planning Department London Borough of Ealing London Borough of Harrow London Borough of Hillingdon South Buckinghamshire District Council (now part of Buckinghamshire Council) - Development Control Department Three Rivers District Council	July 2022 July 2022 July 2022 July 2022 July 2022 July 2022 July 2022	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Buckinghamshire Council Chiltern District Council (now part of Buckinghamshire Council) - Planning Department London Borough of Ealing London Borough of Harrow London Borough of Hillingdon South Buckinghamshire District Council (now part of Buckinghamshire Council) - Development Control Department Three Rivers District Council	July 2022 July 2022 July 2022 July 2022 July 2022 July 2022 July 2022	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	April 2023	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	March 2023	Bi-Annually
Marine Nature Reserves Natural England	April 2023	Bi-Annually
National Nature Reserves Natural England	February 2023	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 March 2023	Bi-Annually
Ramsar Sites Natural England	March 2023	Bi-Annually
Sites of Special Scientific Interest Natural England	March 2023	Bi-Annually
Special Areas of Conservation Natural England	April 2023	Bi-Annually
Special Protection Areas Natural England	April 2023	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	London Borough of Hillingdon - Environmental Protection Unit Civic Centre, High Street, Uxbridge, Middlesex, UB8 1UW	Telephone: 01895 250111 Fax: 01895 277443 Website: www.hillingdon.gov.uk
3	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	London Borough of Hillingdon - Environmental Health Department Civic Centre, High Street, Uxbridge, Middlesex, UB8 1UW	Telephone: 01895 250111 Fax: 01895 277443 Website: www.hillingdon.gov.uk
5	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
6	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
7	Buckinghamshire County Council County Hall, Aylesbury, Buckinghamshire, HP20 1UA	Telephone: 01296 395900 Fax: 01296 88887 Website: www.buckscc.gov.uk
8	South Buckinghamshire District Council (now part of Buckinghamshire Council) Capswood, Oxford Road, Denham, Berkshire, UB9 4LH	Telephone: 01895 837200 Website: www.southbucks.gov.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
10	South Buckinghamshire District Council (now part of Buckinghamshire Council) - Development Control Department Capswood, Oxford Road, Denham, Berkshire, UB9 4LH	Telephone: 01895 837200 Website: www.southbucks.gov.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.



Order Number: 313514530_1_1
Customer Ref: 552232
National Grid Reference: 506010, 187370
Slice: A
Site Area (Ha): 1.71
Search Buffer (m): 1000

Uxbridge Skip Hire, Skip Lane, Harvil Road, Harefield,
UXBRIDGE, UB9 6JL



Industrial Land Use Map

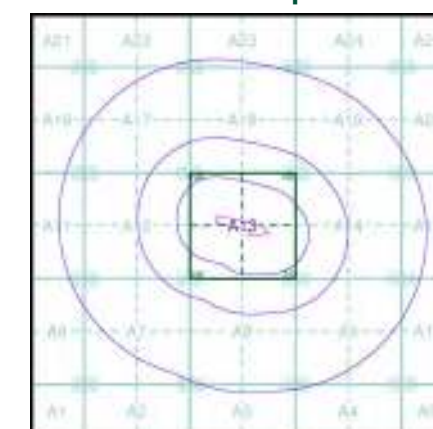
General

- Apportionment
- Specified Boundary
- Boiling Reference Point
- Site
- Map ID

Industrial Land Use

- Coalmine - Trade Wreck - Fuel -
- Fuel Oil - Fuel -
- Gas Pipeline
- Underground Pipeline Corridor

Industrial Land Use Map - Slice A



Order Details

Order Number: 313514530_1_1
Customer Ref: 552232
National Grid Reference: 506010, 187370
Slice: A
Site Area (Ha): 1.71
Search Buffer (m): 1000




Site Details

Uxbridge Skip Hire, Skip Lane, Harvil Road, Harefield,
UXBRIDGE, UB9 6JL








Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

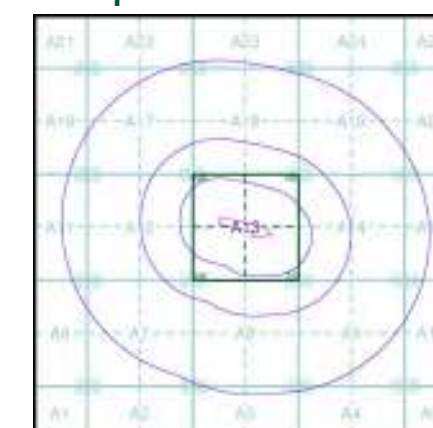
General

-  Study Point
-  Search Buffer
-  Flood Defence Point

Agency and Hydrological (Flood)

-  Flooded Floodplain (in Flood or Flow within Defence Zone 1)
-  Flooded Floodplain (in Flood or Flow within Defence Zone 2)
-  Area Benefiting from Flood Defence
-  Floodable along Roads
-  Flood Defence

Flood Map - Slice A

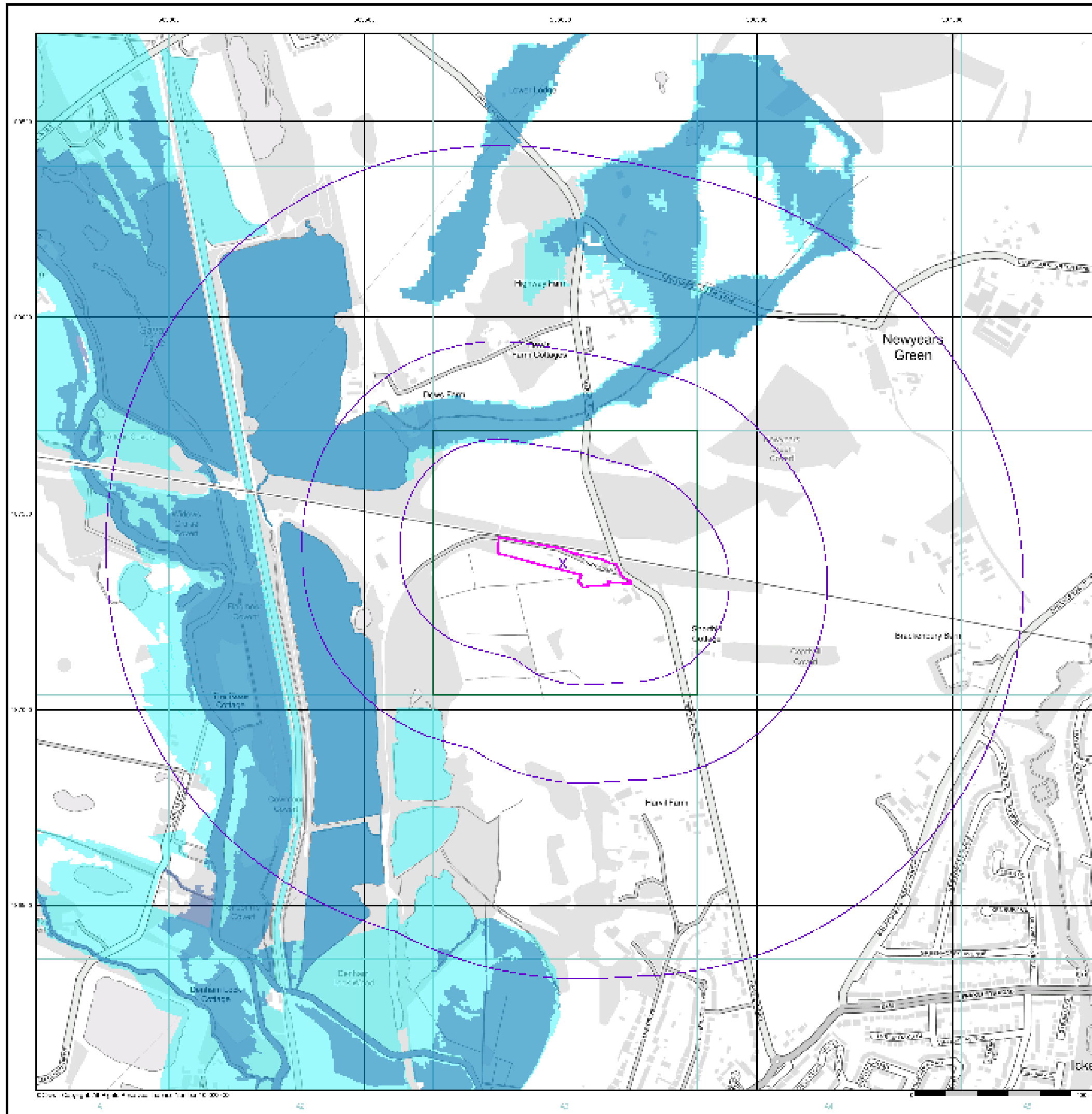


Order Details






Order Number: 313514530_1_1
 Customer Ref: 552232
 National Grid Reference: 506010, 187370
 Slice: A
 Site Area (Ha): 1.71
 Search Buffer (m): 1000

Site Details






Uxbridge Skip Hire, Skip Lane, Harvil Road, Harefield, UXBRIDGE, UB9 6JL



General

-  Study Area
-  Search Buffer
-  Borehole Location
-  Map 7
-  Boundary of Local Authority

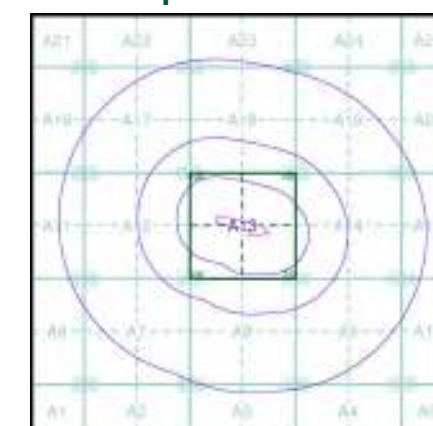
Agency and Hydrological (Boreholes)

-  Borehole (Agency)
-  Borehole (Hydrological)
-  Borehole (Other)
-  Confined
-  Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A



Order Details

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 Slice: A
 Site Area (Ha): 1.71
 Search Buffer (m): 1000

Site Details

Uxbridge Skip Hire, Skip Lane, Harvil Road, Harefield, UXBRIDGE, UB9 6JL

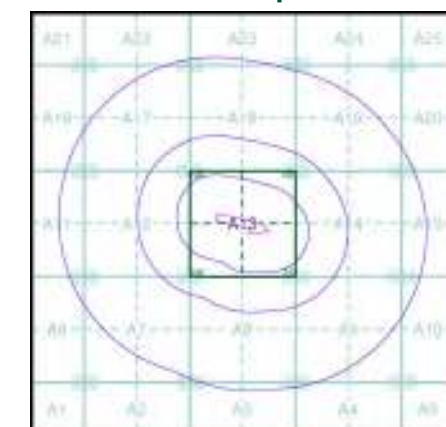
General

- Specified Site
- Specified Buffer (s)
- X Bearing Reference Point

OS Water Network Data

- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Forewater | Lake |
| Marsh | Transfer |
| Tidal River | Lock Or Flight Off take |
| Inland River | Sea |

OS Water Network Map - Slice A

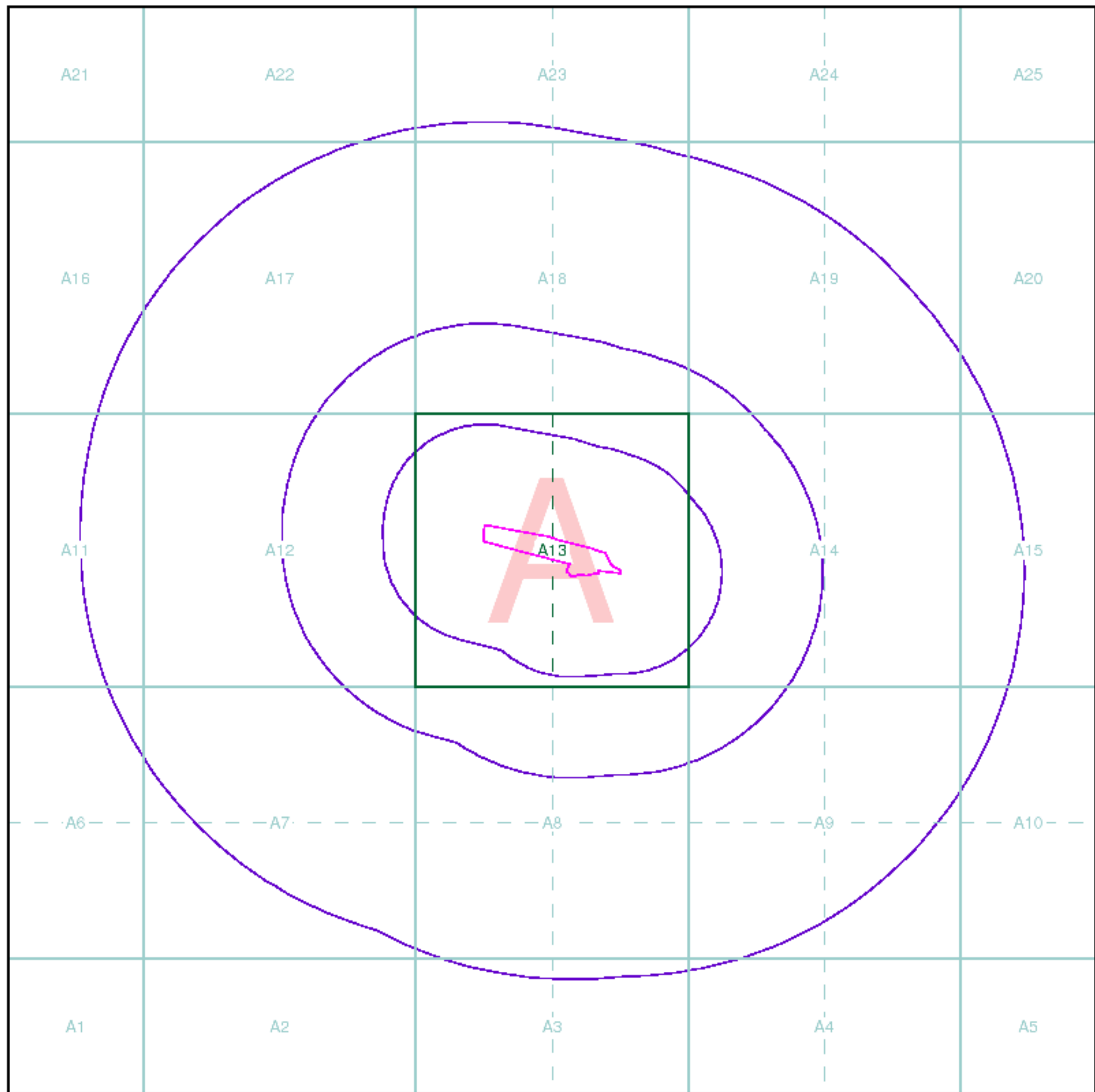


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Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice

Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment

A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant

A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

Mr W Nitch-Smith, TRC Companies Ltd, Work.Life, 20 Red Lion Street, London, WC1R 4PQ

Order Details

Order Number: 313514530_1_1
Customer Ref: 552232
National Grid Reference: 506010, 187380
Site Area (Ha): 1.71
Search Buffer (m): 1000

Site Details

Uxbridge Skip Hire, Skip Lane, Harvil Road, Harefield, UXBRIDGE, UB9 6JL

Full Terms and Conditions can be found on the following link:
<http://www.landmarkinfo.co.uk/Terms/Show/515>



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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pt		Sand Pt		Other Pts
	Clam		Shingle		Orchard
	Culvert		Roads		Marsh
	Mixed Wood		Deciduous		Coniferous
	Fence		Rough Pasture		
	Arrow denotes flow of water		Instrumental Station		
	Site of Antiquity		Bench Mark		
	Pump, Quilt Tree, Signal Post		Well, Spring, Boundary Post		
	285		Surface Level		
	Scaleless Contour		Instrumental Contour		
	Main Road		Fence		Minor Roads
	Banked Road		Railway Road		
	Road over Railway		Railway over River		
	Tunnel over Road		Tunnel Crossing		
	Road over River or Canal		Road over Stream		
	Tunnel over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Borough Boundary (Scotland)				
	Local District Boundary				
	Civil Parish Boundary				

Ordnance Survey Plan 1:10,000

	Chalk Pt. Clay Pt. or Quartz		Gravel Pt
	Sand Pt		Jagged Pt or Quartz
	Refuse or Slag Heap		Lakes, Loch or Pond
	Dune		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Rough Grassland
	Hedge		Roads
	Sailings		
	Maunder		Glasshouse
	Sailing Masonry		
	Fence		Electricity Transmission Line
	Cutting		Standard Gauge Multiple Track
	Standard Gauge Single Track		Siding, Turntable or Mineral Line
	Narrow Gauge		
	Geographical County		
	Administrative County, County Borough or County of City		
	Councils, Boroughs, Urban or Rural Districts, Borough or Town of Council		
	Sanitary Region or County Council District		
	Civil Parish		
	Boundary Point or Stone		Public Well
	Public Well		Public House
	Public House		Signal Post
	Signal Post		Spring
	Spring		Telephone Call Box
	Telephone Call Box		Telephone Call Post
	Telephone Call Post		Well

1:10,000 Raster Mapping

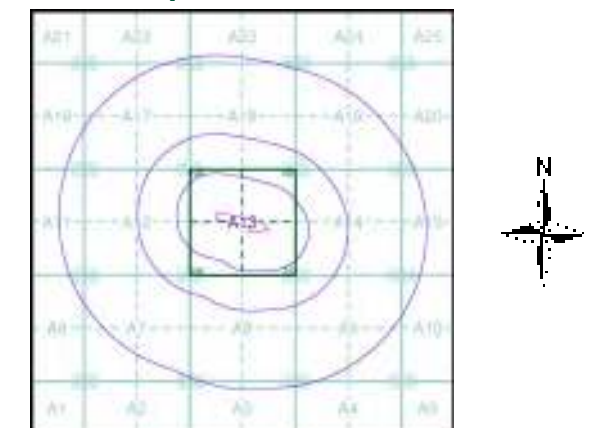
	Gravel Pt		Refuse or Slag Heap
	Rock		Rock Scattered
	Boulders		Jagged Pt (Scattered)
	Shingle		Mud
	Sand		Sand Pt
	Gravel		Top of Cliff
	General Contour		Background Contour
	Overhead Contour		Narrow Gauge Railway
	Multiple Track		Single Track Railway
	County Boundary (England)		Civil Parish or Community Boundary
	District, Urban or Rural District Boundary		Constituency Boundary
	Area of Woodland vegetation		Non-coniferous trees
	Non-coniferous trees (Scattered)		Coniferous trees
	Coniferous trees (Scattered)		Pasture tree
	Orchard		Crop or Cultivation
	Rough Grassland		Marsh
	Grass		Marsh, Salt Marsh or Reeds
	Water Feature		Flow Lines
	Mean High Water (Spring)		Mean Low Water (Spring)
	Telephone Line (where shown)		Electricity transmission or line (where poles)
	Bench mark (where shown)		Triangulation station
	Point feature (e.g. Quilt Post or Mile Stone)		Pylon, Mast stack or lighting tower
	Site of Antiquity		Glasshouse
	General Building		Important Building



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Middlesex	1:10,560	1868	2
Buckinghamshire	1:10,560	1881 - 1883	3
Middlesex	1:10,560	1897	4
Buckinghamshire	1:10,560	1900	5
Hertfordshire	1:10,560	1916	6
Middlesex	1:10,560	1920	7
Middlesex	1:10,560	1920	8
Buckinghamshire	1:10,560	1932	9
Hertfordshire	1:10,560	1934	10
Middlesex	1:10,560	1935	11
Middlesex	1:10,560	1938	12
Middlesex	1:10,560	1938	13
Hertfordshire	1:10,560	1950	14
Ordnance Survey Plan	1:10,000	1960	15
Ordnance Survey Plan	1:10,000	1968	16
Ordnance Survey Plan	1:10,000	1975	17
Ordnance Survey Plan	1:10,000	1989	18
Ordnance Survey Plan	1:10,000	1990	19
10K Raster Mapping	1:10,000	1999	20
Street View	Variable		21

Historical Map - Slice A



Order Details

Order Number: 313514530_1_1
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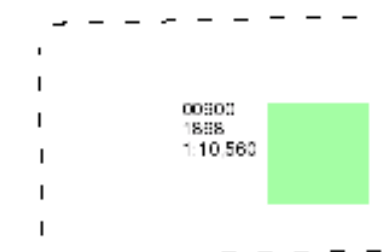
Middlesex

Published 1868

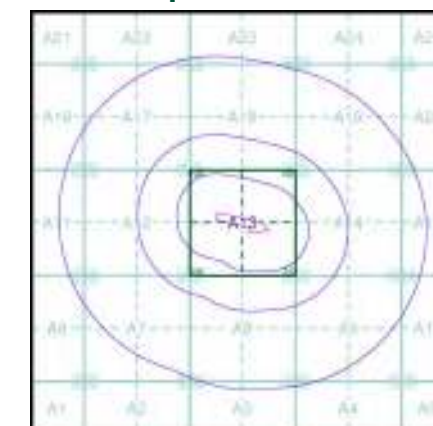
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



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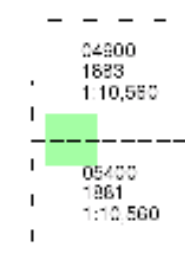
Buckinghamshire

Published 1881 - 1883

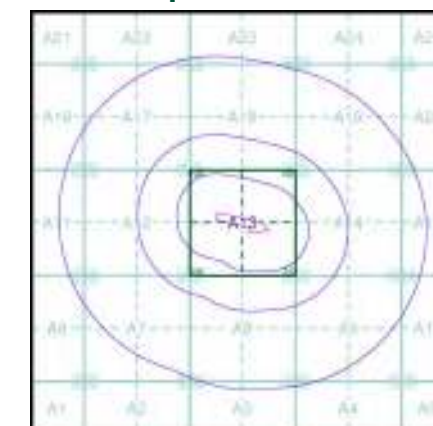
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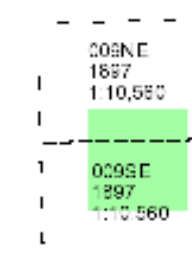
Middlesex

Published 1897

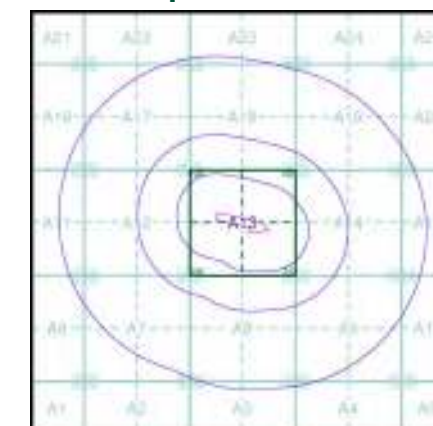
Source map scale - 1:10,560

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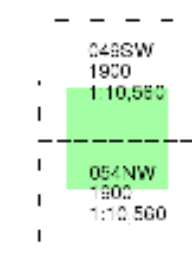
Buckinghamshire

Published 1900

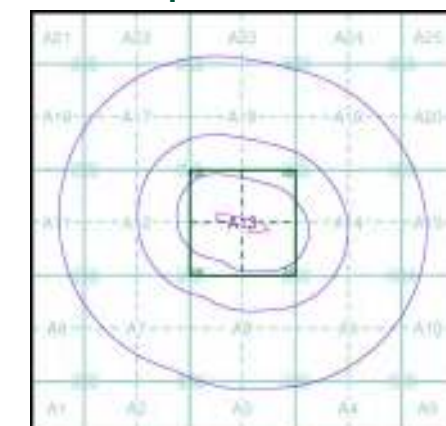
Source map scale - 1:10,560

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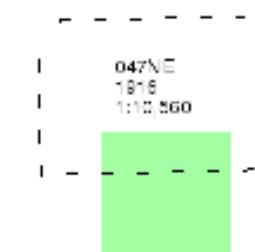
Hertfordshire

Published 1916

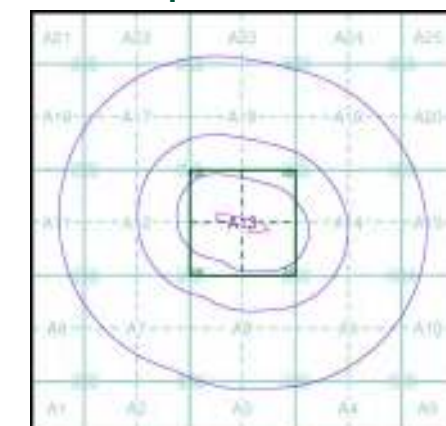
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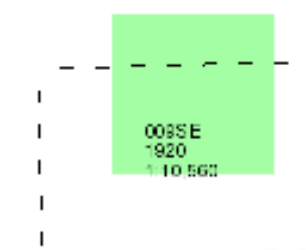
Middlesex

Published 1920

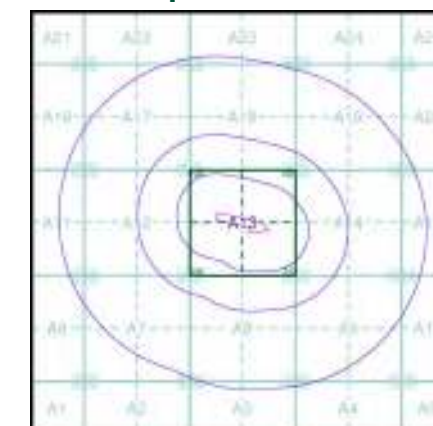
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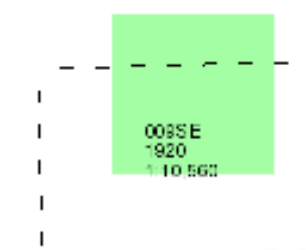
Middlesex

Published 1920

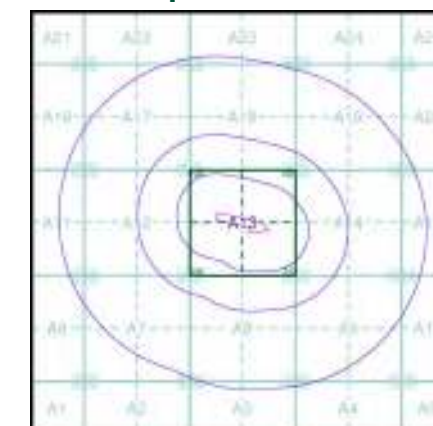
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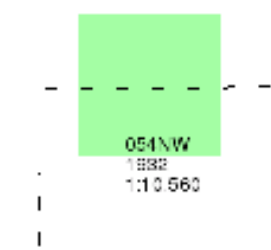
Buckinghamshire

Published 1932

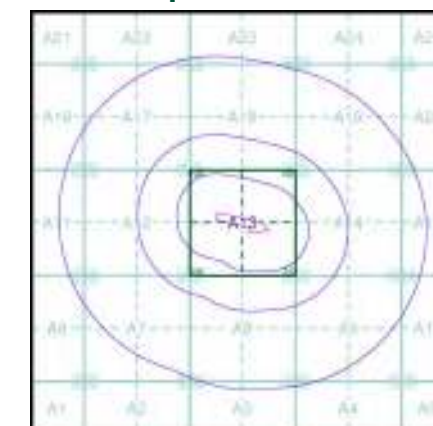
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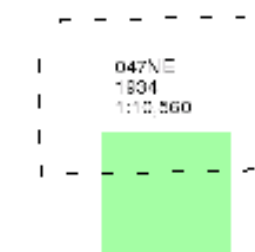
Hertfordshire

Published 1934

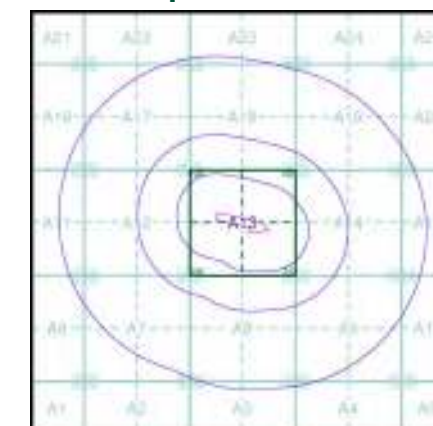
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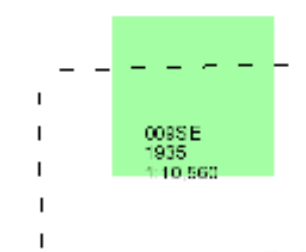
Middlesex

Published 1935

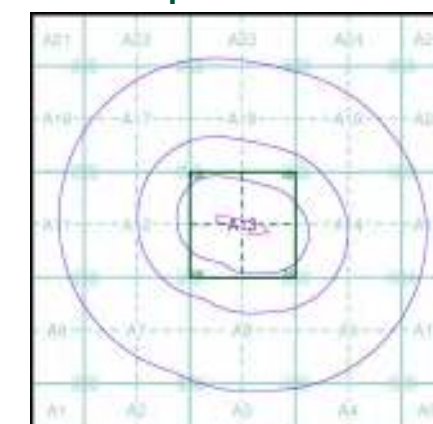
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 313514530_1_1
Customer Ref: 552232
National Grid Reference: 506010, 187370
Slice: A
Site Area (Ha): 1.71
Search Buffer (m): 1000

Site Details

Uxbridge Skip Hire, Skip Lane, Harvil Road, Harefield, UXBRIDGE, UB9 6JL



Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



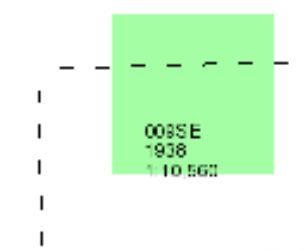
Middlesex

Published 1938

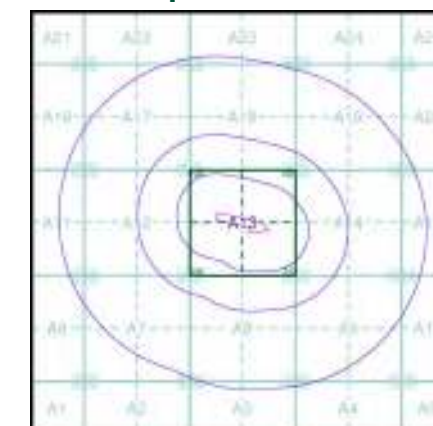
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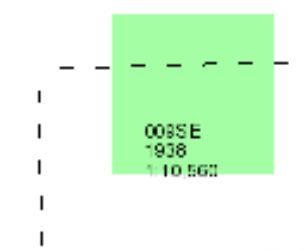
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Published 1938

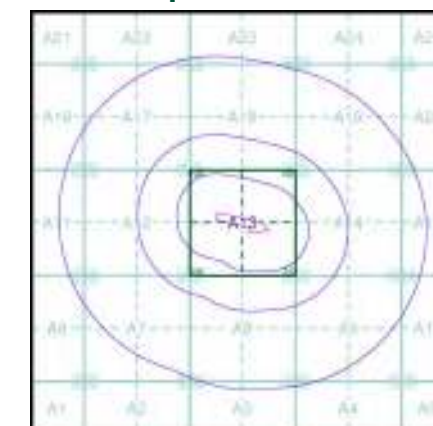
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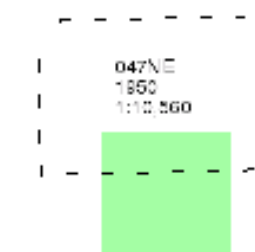
Hertfordshire

Published 1950

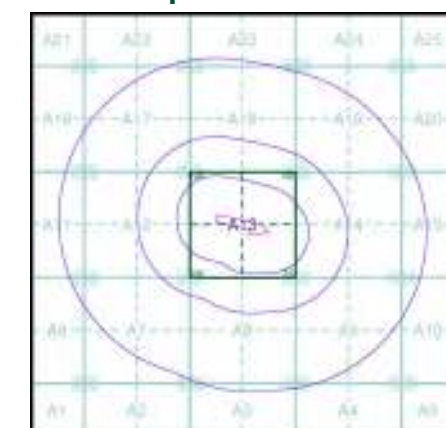
Source map scale - 1:10,560

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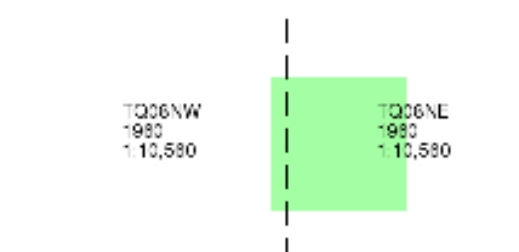
Ordnance Survey Plan

Published 1960

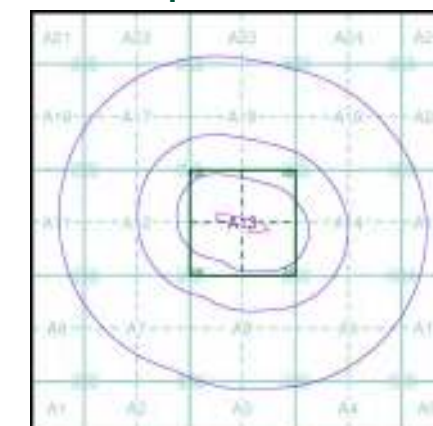
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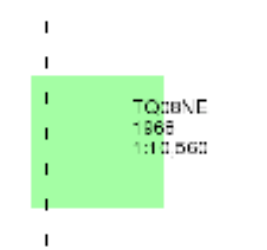
Ordnance Survey Plan

Published 1968

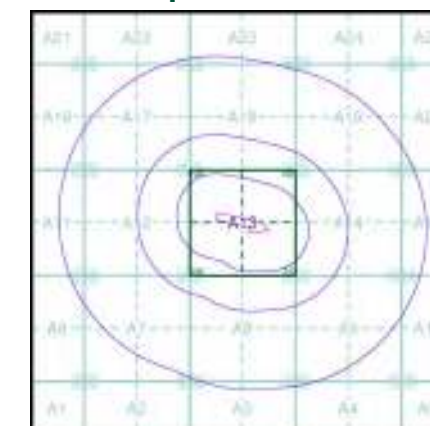
Source map scale - 1:10,000

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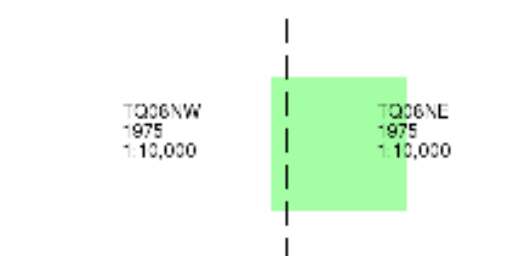
Ordnance Survey Plan

Published 1975

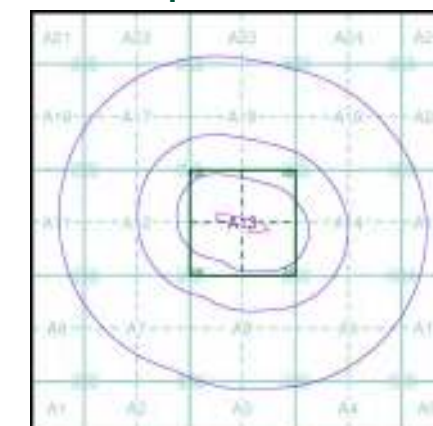
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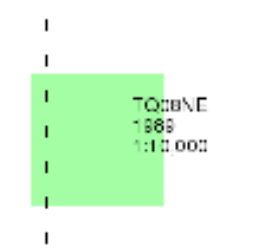
Ordnance Survey Plan

Published 1989

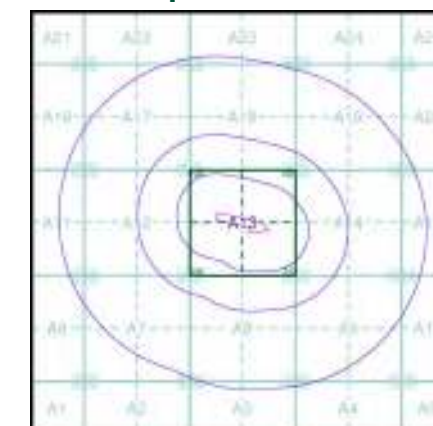
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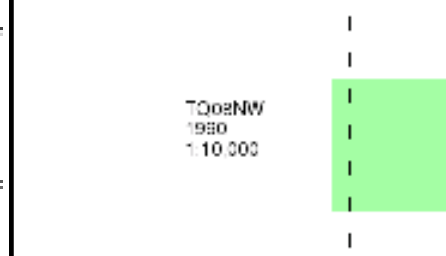
Ordnance Survey Plan

Published 1990

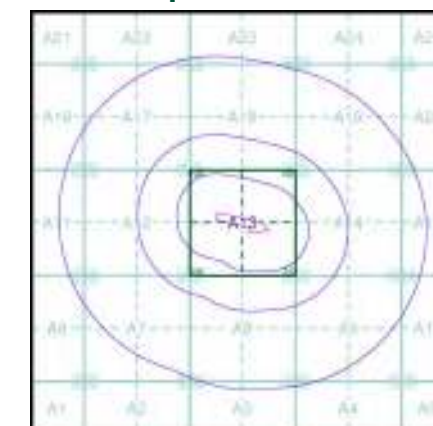
Source map scale - 1:10,000

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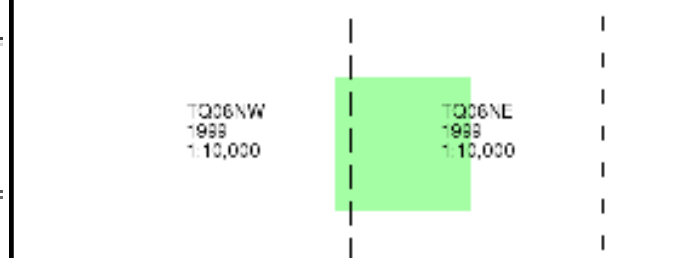
10k Raster Mapping

Published 1999

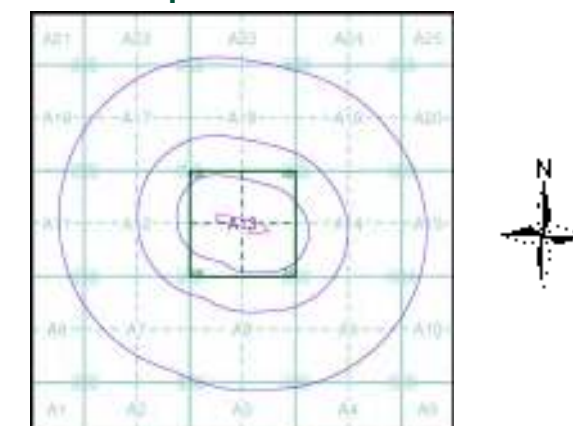
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 313514530_1_1
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Site Details

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Ordinance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information

	Grassy		Gravelly		Gully Pt.
	Clay Pt.		Shrub		Tennis Leap
	Stacking Masonry				Flat Rock
	Marsh		Heath		Ostler
	Rough Pasture		Lunze		Wood
	Meadow		Freshwater		Orchard
	Fence		Fence		Stepping Stones
	Bury		Waterfall		Rock
	Ingr. Station		Altitude at Ingr. Station		
	Band-Mark		Surface road		
	Arched bridge over water		Antiquities (site of)		
	Culling		Embankment		
	Railway crossing Road		Level Crossing		Road crossing Railway
	Railway crossing Over or Canal		Road over single main		Road over River or Cana
- - - - -	County Boundary (Geographical)				
- . - . -	County & Civil Parish Boundary				
+ + + + +	Administrative County & Civil Parish Boundary				
o o o o o	County Borough Boundary (England)				
o o o o o	County Borough Boundary (Scotland)				
A.P. B.B.	Boundary Between Town	B.C.S.	Pole-Cut Box		
B.A.	Bye Road	E	Point		
S.P.	Electricity Pole	S.P.	Signal Post		
F.B.	Foot Bridge	S.	Stream		
F.P.	Foot Path	S.S.	Spring		
G.P.	Grade Above Level	S.W.	Telephone Call Box		
N.D.	No Name	T.	Trench		
M.F.M.	Mountain Fossil Point	W	Well		

[illegible][illegible]

Mapping Type	Scale	Date	Pg
Buckinghamshire	1:2,500	1875 - 1885	2
Middlesex	1:2,500	1880 - 1891	3
Middlesex	1:2,500	1896	4
Buckinghamshire	1:2,500	1899	5
Middlesex	1:2,500	1914	6
Buckinghamshire	1:2,500	1932 - 1938	7
Middlesex	1:2,500	1934	8
Ordnance Survey Plan	1:2,500	1970 - 1972	9
Additional SIMs	1:2,500	1988	10
Large-Scale National Grid Data	1:2,500	1992	11
Large-Scale National Grid Data	1:2,500	1992	12

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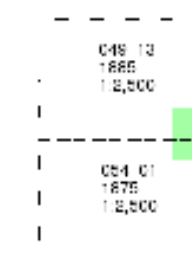
Buckinghamshire

Published 1875 - 1885

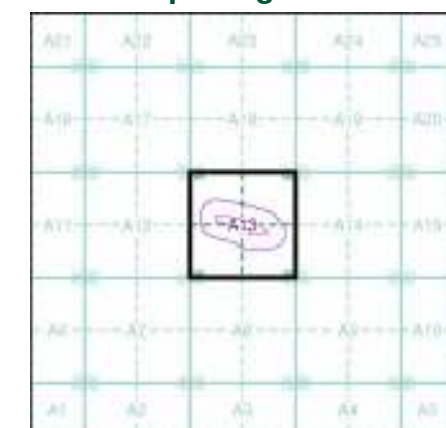
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 313514530_1_1
Customer Ref: 552232
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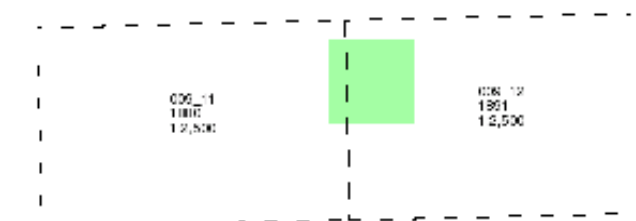
Middlesex

Published 1880 - 1891

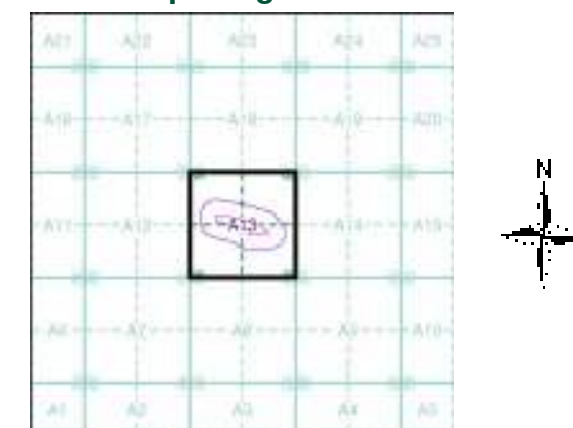
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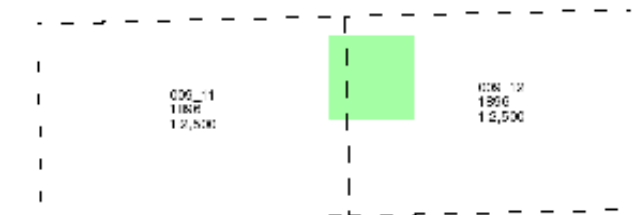
Middlesex

Published 1896

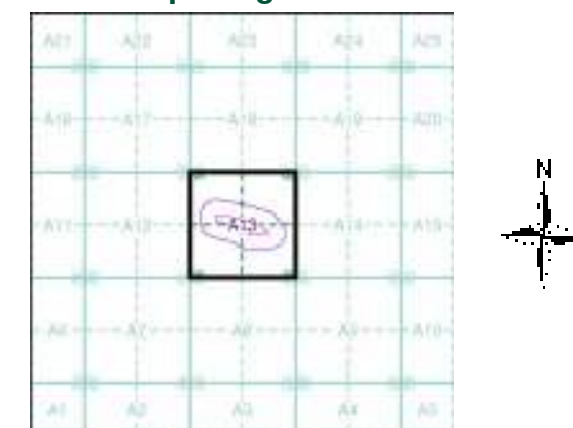
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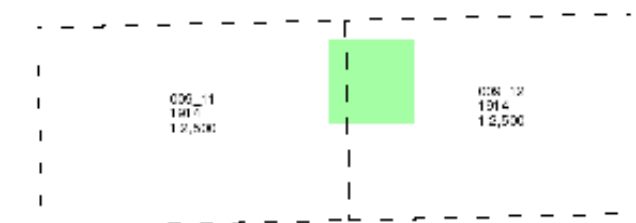
Middlesex

Published 1914

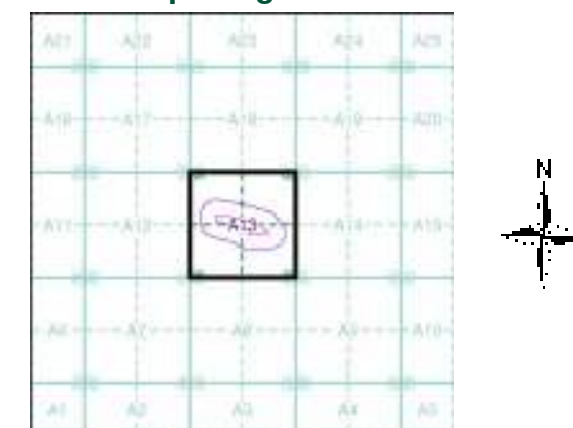
Source map scale - 1:2,500

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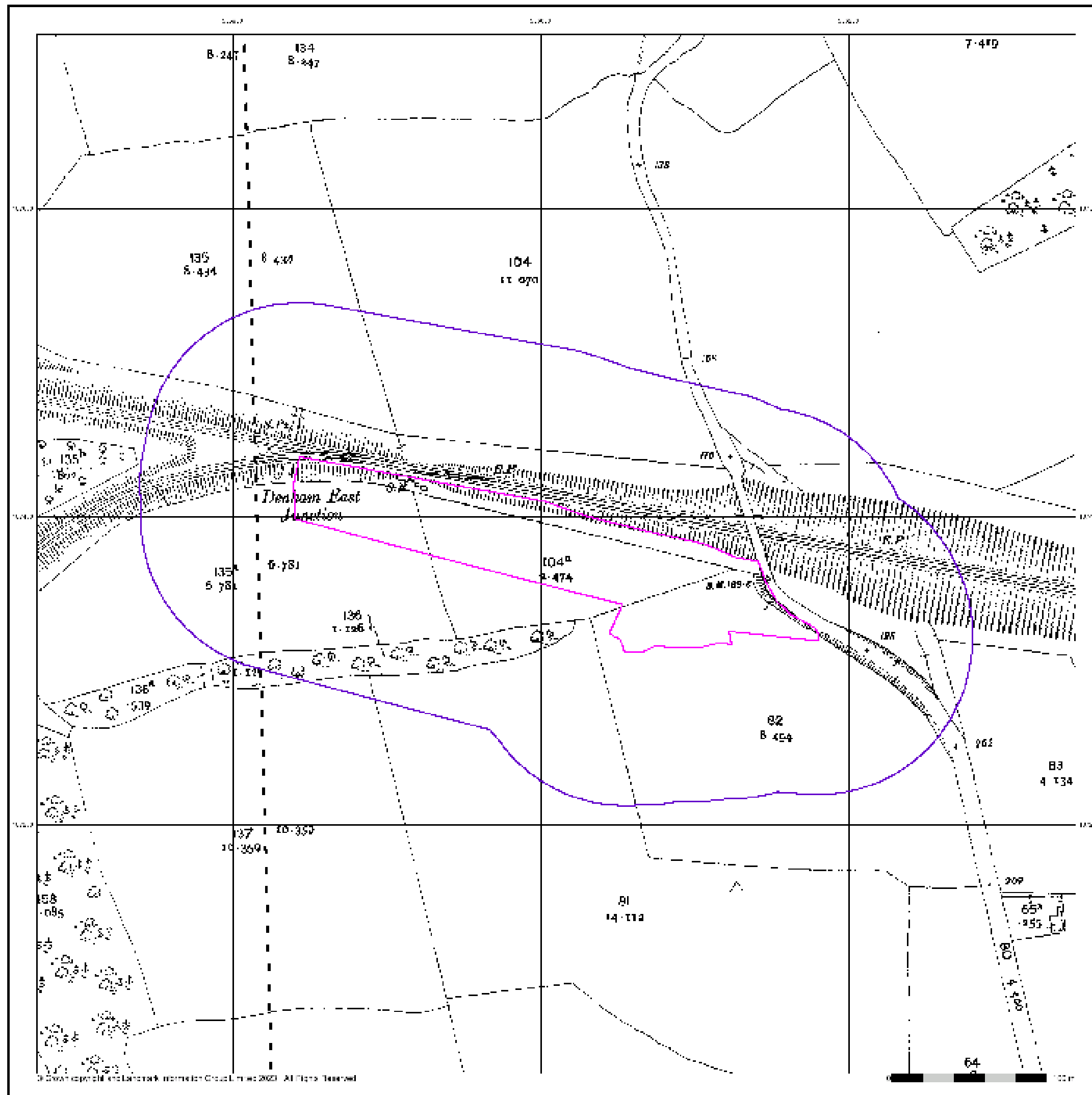
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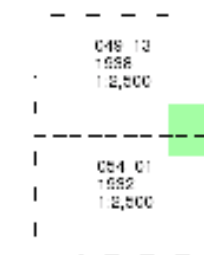
Buckinghamshire

Published 1932 - 1938

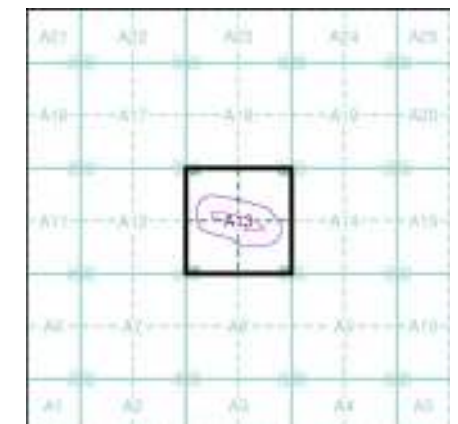
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Historical Map - Segment A13



Order Details

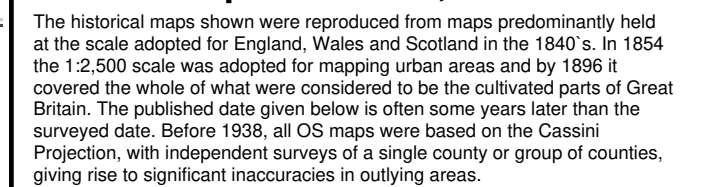
Order Number: 313514530_1_1
Customer Ref: 552232
National Grid Reference: 506010, 187370
Slice: A
Site Area (Ha): 1.71
Search Buffer (m): 100

Site Details

Uxbridge Skip Hire, Skip Lane, Harvil Road, Harefield,
UXBRIDGE, UB9 6JL



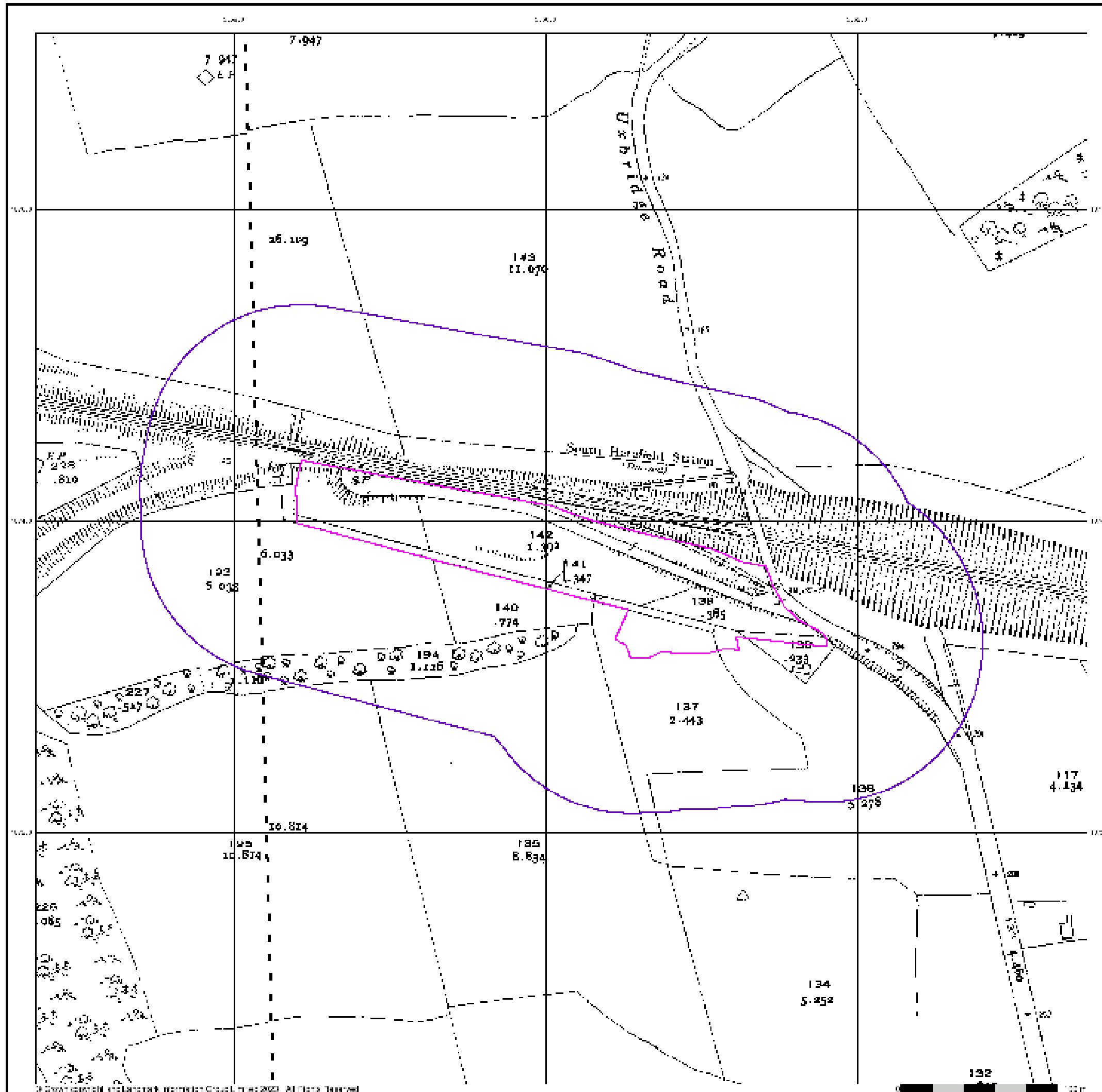
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



006-11 1007 12,500		006-12 1084 12,500
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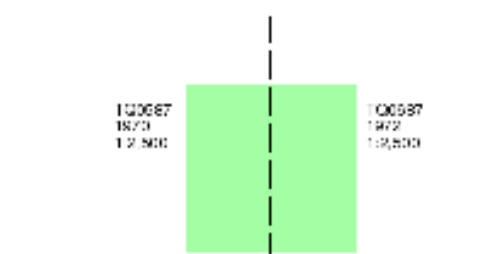
Ordnance Survey Plan

Published 1970 - 1972

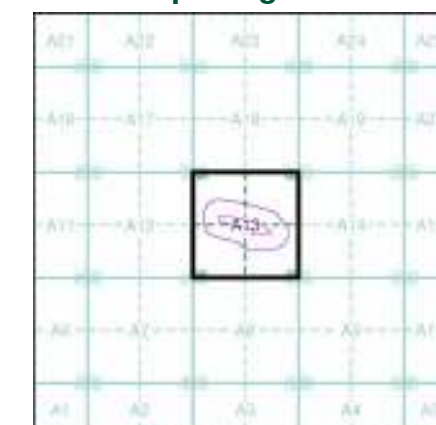
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



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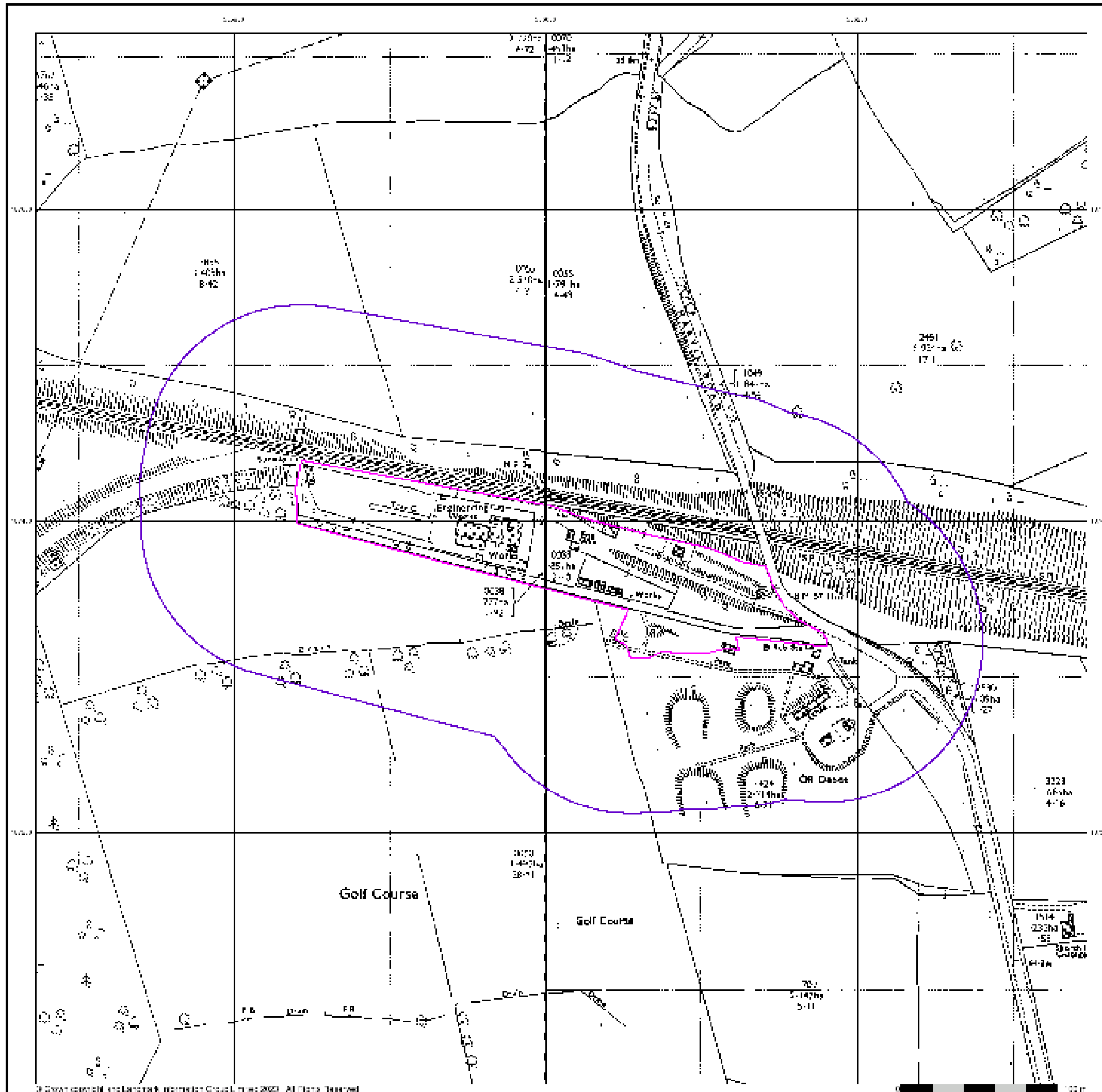
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Additional SIMs

Published 1988

Source map scale - 1:2,500

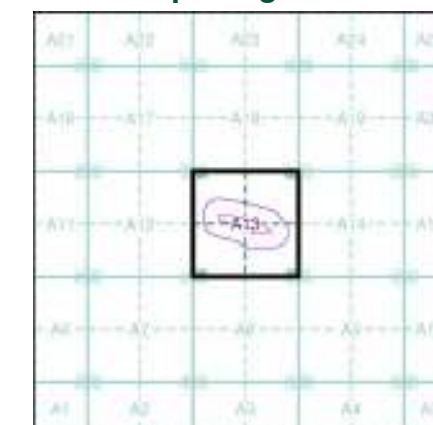
The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

100607
1999
1:2 500



Historical Map - Segment A13



Order Details

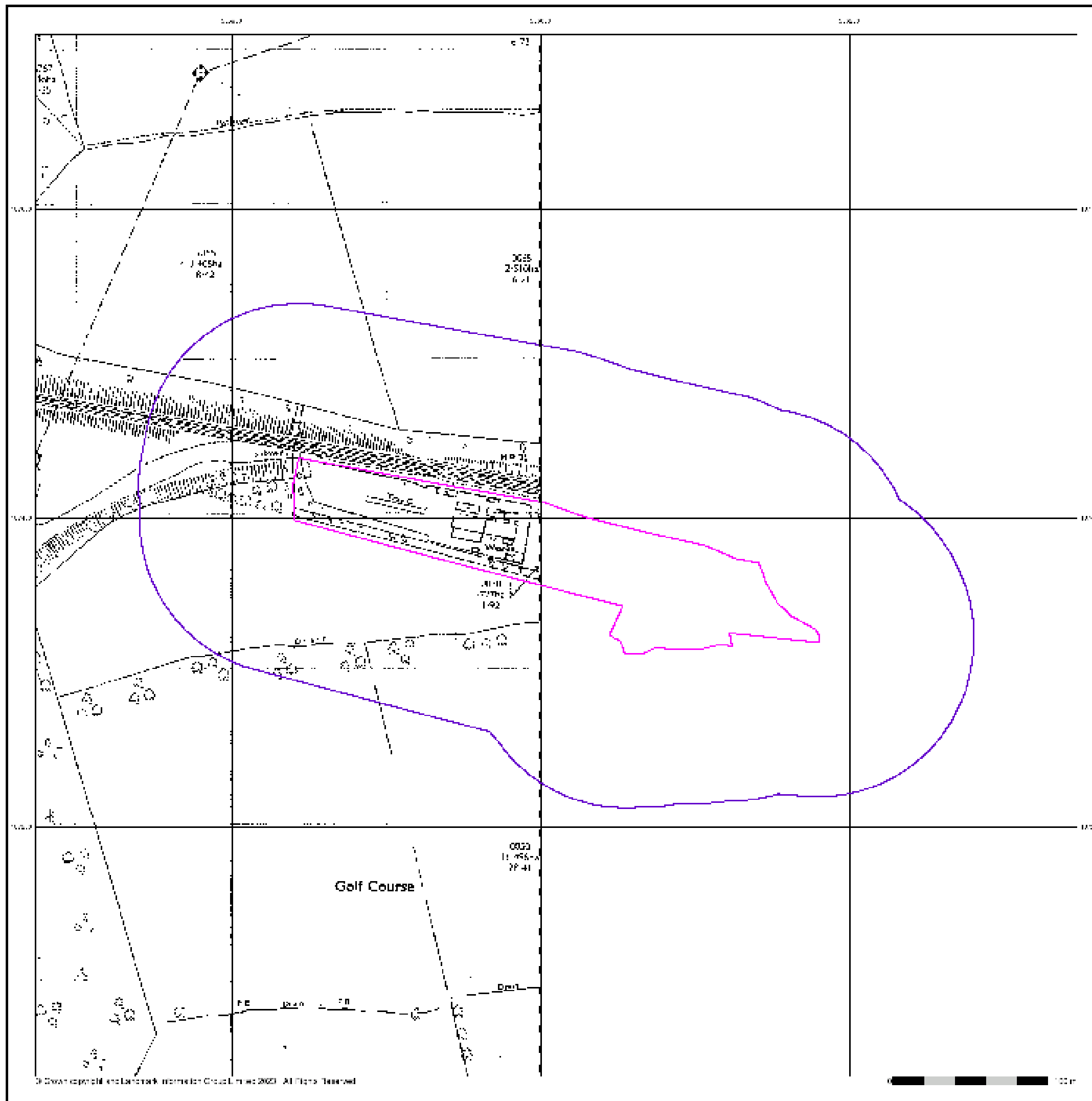
Order Number: 313514530_1_1
Customer Ref: 552232
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Large-Scale National Grid Data

Published 1992

Source map scale - 1:2,500

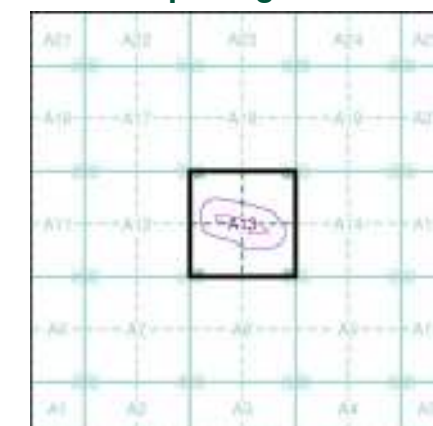
'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

100667
1982
1:2,500

100667
1982
1:2,500

Historical Map - Segment A13



Order Details

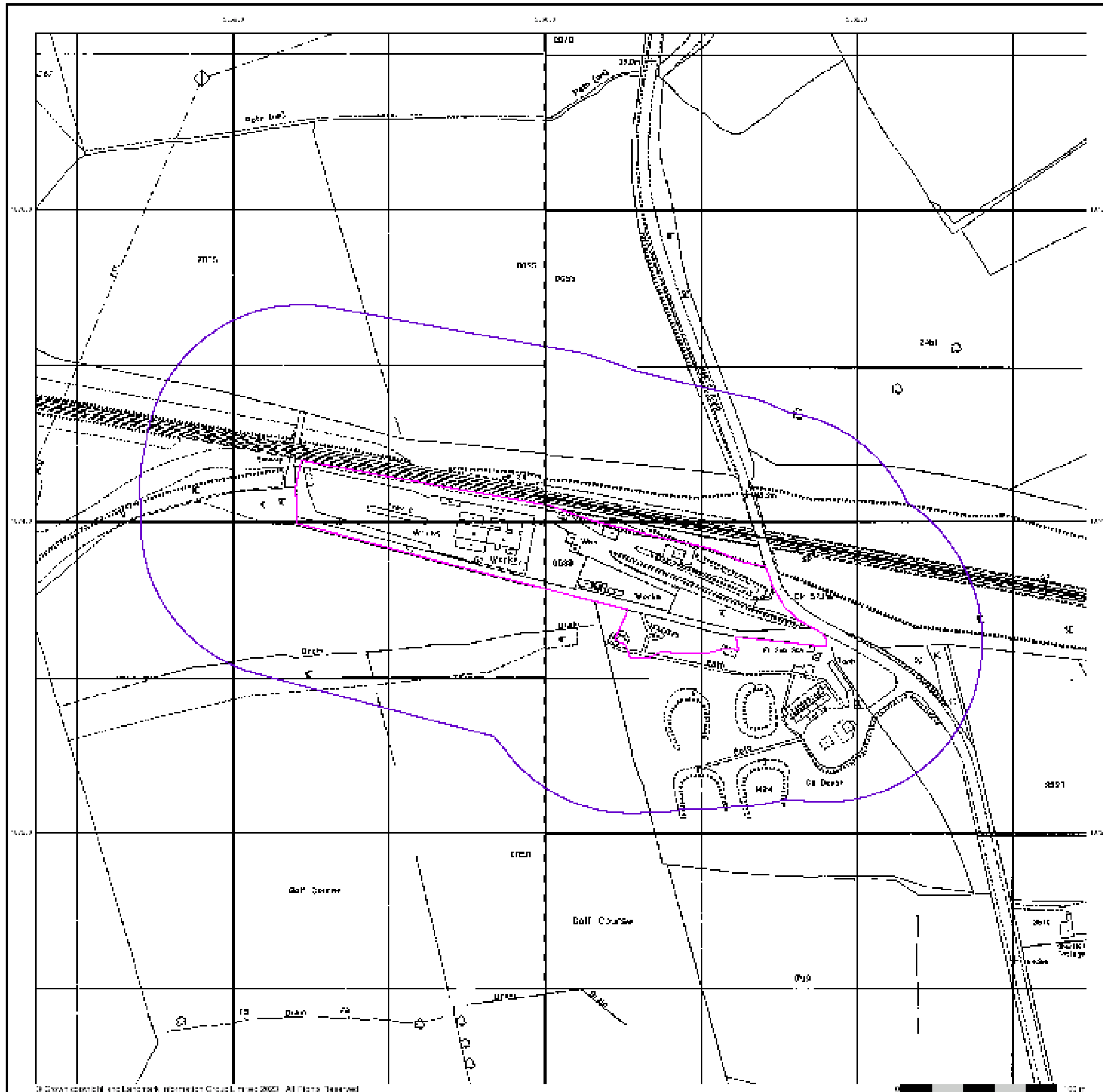
Order Number: 313514530_1_1
Customer Ref: 552232
National Grid Reference: 506010, 187370
Slice: A
Site Area (Ha): 1.71
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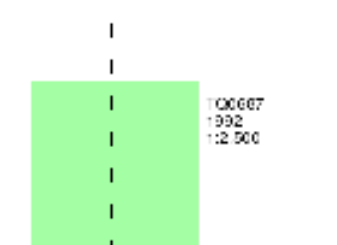
Large-Scale National Grid Data

Published 1992

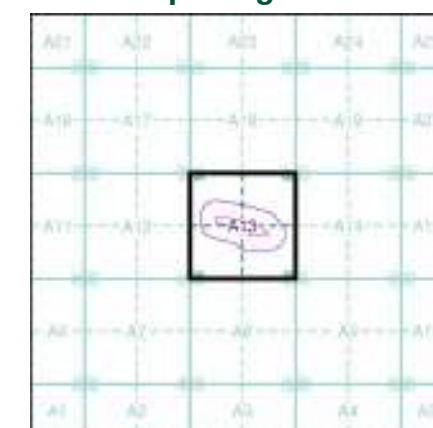
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



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