



Habourside Investments Ltd and WM
Morrisons Supermarkets PLC

PROPOSED MIXED USE RETAIL AND RESIDENTIAL DEVELOPMENT, YIEWSLEY

Preliminary Risk Assessment





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Habourside Investments Ltd and WM Morrison Supermarkets PLC

PROPOSED MIXED USE RETAIL AND RESIDENTIAL DEVELOPMENT, YIEWSLEY

Preliminary Risk Assessment

WSP
Unit 9, The Chase
John Tate Road, Foxholes Business Park
Hertford
SG13 7NN
Phone: +44 1992 526 000
Fax: +44 1992 526 001
WSP.com



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EXECUTIVE SUMMARY

The planning application Site is 0.52 hectares in plan area. The existing site currently contains a Morrisons supermarket and associated surface and basement car parks. The existing building has a floorspace of approximately 3,340 sqm GIA (Gross Internal Area) and 1,557 sqm sales area.

This report accompanies the planning application for the demolition of the existing buildings and the redevelopment of the site to provide a retail and residential mixed-use scheme. The Site will be developed to provide a replacement Morrisons food store with 144 residential units provided above. The Site will also comprise a double basement to accommodate 170 car parking spaces.

A Preliminary Risk Assessment has been undertaken to develop a preliminary conceptual site model identifying potential ground contamination risks and evaluate the likely significant risks, and to provide a preliminary assessment of geotechnical risks associated with the proposed development.

It should be noted that this executive summary does not form a standalone document and should be read in conjunction with the WSP Preliminary Risk Assessment (Ref: 70045292)

ENVIRONMENTAL SETTING

The ground profile at the Site is likely to comprise Made Ground overlying the Langley Silt Member, Lynch Hill Gravel and the London Clay Formation in sequence. The Lynch Hill Gravel Member potentially outcrops south of the Site.

The Langley Silt Member and the London Clay Formation are classified as unproductive strata and the Lynch Hill Gravel Member is classified as a Principal Aquifer.

Groundwater has been encountered within two BGS boreholes (TQ08SE141 and TQ08SE80) approximately between 5.25m and 5.4m bgl within the gravels (Lynch Hill Gravel Member). Groundwater is likely to be encountered within the Lynch Hill Gravel Member. There is potential for localised shallow groundwater to be present within granular deposits within the Made Ground. The effectively impermeable London Clay Formation would be expected to prevent vertical migration of groundwater to deeper aquifers.

The Site is not located within an Environment Agency groundwater Source Protection Zone. The Grand Union Canal is located approximately 19m south-west of the Site, Frays River 300m south-west of the Site and the River Pinn 445m north-west of the Site.

POTENTIAL FOR GROUND CONTAMINATION

WSP considers that on-site sources of potential contamination comprise the former use as a bakery, current use as a Morrisons supermarket and associated surface and basement car parks as well as service yard and warehouse, and Made Ground associated with current and historical development on Site.

Potential off-site sources of contamination include the registered waste management facility, historical landfill, infilled land of unknown material, local authority pollution prevention and controls, obsolete petrol filling station, a pollution incident to controlled waters and surrounding historical and current industrial / commercial land uses.

Plausible contaminant linkages have been identified with respect to human health including dermal contact with, inhalation or ingestion of contaminated soils, dust or water.

Plausible contaminant linkages identified to controlled waters include the possibility of leaching of contaminants from the unsaturated zone, lateral migration of contaminants in surface water on to, and off of the site and lateral migration of contaminated groundwater from up gradient off-site sources on to the site.

Plausible contaminant linkages to building structures include direct contact with contaminated soils, groundwater or immiscible contaminants.

Under the proposed development, potential receptors were identified as:

- Current and future site users;
- Construction and maintenance workers;
- Groundwater in the Lynch Hill Gravel Member (Principal Aquifer)
- Surface water features, Grand Union Canal, Frays River and the River Pinn.
- Site structures, particularly foundations of current buildings; and
- Potable water supply pipes.

In conclusion, the preliminary risk assessment indicates generally a **low to moderate risk** to human health, controlled waters and site structures.

POTENTIAL FOR GEOTECHNICAL RISKS

The significant geotechnical risks identified at the Site are considered to be the potential for below ground obstructions, unexploded ordnance and soft / compressible ground. These risks should be assessed in the ground investigation.

It is anticipated, at this stage of the project, that the redevelopment to the main structures will require piled foundations or a raft / piled raft associated with the proposed basement slab. This will be assessed following receipt of structural loading information, formation levels and below ground conditions.

RECOMMENDATIONS

WSP recommends the following actions are undertaken:

- A Phase 2 ground investigation should be undertaken to assess:
 - Baseline ground conditions at the site including contaminant concentrations, ground gas and groundwater monitoring; and
 - Geotechnical parameters to assist subsequent design;
- The production of an interpretative Ground Investigation Report including an assessment of the risk from contamination at the site and a preliminary geotechnical appraisal to facilitate design of the proposed basement and associated foundations for the proposed redevelopment.

The ground investigation can be undertaken following a planning consent in response to associated planning conditions.

1 INTRODUCTION AND OBJECTIVES

1.1 AUTHORISATION AND PURPOSE OF ASSESSMENT

WSP was instructed by Deacon and Jones, on behalf of Harbourside Investment Ltd and WM Morrison Supermarkets PLC ('the client') to undertake a Preliminary Risk Assessment (PRA) at Morrisons, 43-67 High Street, Yiewsley, UB7 7QQ ('the Site') as shown on **Figure 1**, in **Appendix A**

1.2 PROPOSED DEVELOPMENT

The planning application Site is 0.52 hectares in plan area. The existing site currently contains a Morrisons supermarket and associated surface and basement car parks. The existing building has a floorspace of approximately 3,340 sqm GIA (Gross Internal Area) and 1,557 sqm sales area.

This report has been undertaken to be submitted as part of the planning application for the demolition of the existing buildings and the redevelopment of the site to provide a retail and residential mixed-use scheme. The Site will be developed to provide a replacement Morrisons food store with 144 residential units provided above. The Site will also comprise a double basement to accommodate 170 car parking spaces.

1.3 OBJECTIVES

The key objectives of this assessment are to:

- Develop a preliminary conceptual site model (pCSM) to identify potential ground contamination risks associated with the site;
- Evaluate the likely significance of risks associated with potential ground contamination through a contaminant linkage assessment for the Proposed Development; and
- Provide a preliminary assessment of geotechnical risks associated with the Proposed Development.

1.4 SCOPE OF WORKS

The scope of works undertaken in this assessment comprise:

- A site walkover of accessible areas to document the current land use and site setting;
- A review of relevant previous reports pertaining to the site;
- A review of publicly available historical maps and site plans (where available) to identify former land uses and potential contaminative activities on and surrounding the site;
- A review of relevant regulatory authorities including the Environment Agency, Local Council planning website and the Contaminated Land Officer;
- A review of relevant publicly available information relating to hydrological features, hydrogeology, neighbouring land use, ecologically sensitive uses and geology in order to establish the environmental setting of the site and the sensitivity of the location;
- Development of a preliminary conceptual site model via the source-pathway-receptor contaminant linkage approach;
- An outline of environmental risks with respect to ground, groundwater and ground gas conditions, which may potentially arise as liabilities or constraints; and
- A preliminary desk based geotechnical assessment of existing ground conditions to provide an outline foundation appraisal and identify potential ground engineering risks associated with the proposed development.

This report has been prepared in general accordance with:

- Part 2A, Environmental Protection Act 1990;
- Environment Agency 'Model Procedures for the Management of Land Contamination', CLR11. 2004; and
- The National Planning Policy Framework.

The report contains British Geological Survey (BGS) and Environment Agency (EA) information.

1.5 LIMITATIONS

This report is addressed to and may be relied upon by the client (Harbourside Investments Ltd and WM Morrison Supermarkets PLC). It may not be relied upon or transferred to any other parties without the express agreement of WSP in writing. The report should be read and used in full. No responsibility will be accepted

where this report is used, either in its entirety or in part, by any other party. WSP cannot be held liable for third party information.

The limitations of this assessment are attached in **Appendix B**

2 SITE RECONNAISSANCE

2.1 SITE DESCRIPTION

The Site location is provided as **Figure 1 (Appendix A)** and a site layout plan as **Figure 2 (Appendix A)**. A site visit was carried out by WSP on Wednesday 19 June 2018 and a photographic record of key on-site observations is provided in **Appendix C**.

Table 1 provides information relating to the Site obtained from a review of Ordnance Survey (OS) mapping, online aerial photography, the site walkover and relevant regulatory information contained within the Envirocheck Report.

Table 1- Site Information

Details	Description
Name and address of site	High Street, Yiewsley, West Drayton, UB7 7QQ
Grid reference	506054,180336
Size	0.5 Ha
Site description and current use	At the time of the walkover the Site comprised a Morrisons supermarket (Photo 1), and associated surface (Photo 2) and single storey basement (Photo 3) car parks. A warehouse (Photo 4) was located towards the west of the building this comprised, areas for dry storage, areas for refrigeration and areas comprising freezers. Shutter doors linked the warehouse to the adjoining service yard (Photo 5) further to the west. Two plant rooms (Photo 6) were located on the first floor of the building and were accessed via a stairwell towards the east side of the warehouse. The basement car park was accessed via the west of the building with access through the surface car park. Pedestrians access was via a ramp towards the north-west of the building, and steps with access onto High Street towards the east and St Stephen's Road towards the south. A drencher main control valve and fire brigade hose attachment was located within a locked area towards the east within one of the stairwells to the basement.
Ground cover	The majority of the Site is covered by hardstanding which is in good condition.
Trees and invasive species	Isolated mature trees are located towards the western boundary of the Site and towards the western boundary of the surface car park. A number of planters with small bushes in are located on the eastern boundary of the site.
Topography	The land appears generally flat. There are two ramps down to the single storey basement car park one for cars with access via the surface car park towards the west of the site and one for pedestrians with access towards to north of the building. (Photo 7).
Bulk material storage	A tank store was located in the basement, at the time of the walkover access was not granted and the Site representative did not know what was stored in the tank. A variety of chemicals used for cleaning were

	located towards the east of the warehouse (Photo 8). Chemicals in 25 litre containers were stored within two cage trolleys as well as underneath a work surface. Chemicals stored in 5 litre containers were stored on top of the work surface. A variety of cleaning equipment including mops, gloves and rubbish sacks were stored in the area east of the warehouse. A number of locked cupboards were located in the basement (Photo 9) and the warehouse, those that were accessible during the walkover contained plastic packaging and cardboard.
Polychlorinated biphenyls (PCBs)	An electricity substation was located within the service yard towards the west of the building (Photo 10). Two plant rooms were located on the first floor of the building and were accessed via a stairwell towards the east side of the warehouse (Photo 11). One plant room was a refrigeration plant room (Photo 12). Staining was noted around a drain within one of the plant rooms (Photo 13).
Waste storage	A skip was located towards the east of the service yard and appeared to contain a variety of packaging including cardboard and plastic (Photo 14). A hydraulic bailer (for cardboard) was present in the area east of the warehouse. A wheelie bin full of cardboard boxes was located adjacent to the bailer. (Photo 15). General rubbish including plastic packaging and food was stored in rubbish sacks within cage trolleys in the area east of the warehouse (Photo 16). The warehouse consisted of rubbish bins, cage trollies, pulleys with wooden pallets stacked upon them and plastic crates (Photo 4). Wooden pallets covered in plastic wrapping were present towards the north-west of the service yard. Plastic crates were in the same area. Trollies were present towards the north-west of the Service yard. (Photo 17).
Asbestos containing materials (ACMs)	No ACMs were noted during the walkover
Nearby features	North: A residential area is located to the north of the Site. East: High street, commercial and retail units (Photo 18 and 19), health care centre and further east residential properties. West: School, commercial units and further west residential properties. South: Grand Union Canal (Photo 20 and 21) also residential properties including a small play area (Photo 22). Further south railway station and communication mast.

3 HISTORICAL POTENTIALLY CONTAMINATIVE LAND USES

3.1 SITE HISTORY

The history of the site and local environs have been reviewed and determined with reference to Ordnance Survey maps contained within the Envirocheck Report (Ref: 169759953_1_1). A study has been undertaken to identify potentially contaminative former land uses. The following section provides a summary of this information and the Envirocheck Report is attached as **Appendix D**.

ON-SITE

Table 2 - On-site historical map review

Date of Mapping	Scale	Feature
1868	1:10,560	The Site comprised undeveloped agricultural land.
1878	1:2,500	No apparent change.
1895	1:2,500	The east of the site comprised residential properties with gardens, and the west of the Site comprised undeveloped land.
1897	1:10,560	No apparent change.
1899	1:2,500	No apparent change.
1900	1:10,560	No apparent change.
1914	1:2,500	No apparent change to the east of the Site. The west of the site comprised an area of parkland towards the north-east of the area.
1920	1:10,560	No apparent change.
1932	1:10,560	No apparent change.
1935	1:2,500 1:10,560	The east of the Site comprised residential buildings and commercial buildings towards the south of the area. The west of the Site comprised undeveloped land. A building encroached onto the site towards the northern boundary.
1938	1:10,560	No apparent change.
1960	1:2,500	Buildings were present towards the east of the Site. No apparent change to the west of the Site.
1977	1:1,250	Previous buildings had been demolished, the Site comprised vacant land.
1965	1:1,250	Residential buildings were present towards the north-east of the Site. A bakery was present towards the south-east of the Site. The west of the site comprised a depot.
1966	1:2,500	No apparent change.
1970	1:10,000	No apparent change.
1977	1:10,000	No apparent change.
1986	1:1,250	The east of the Site comprised a commercial unit (supermarket). The west of the Site comprised undeveloped land (potentially utilised as a car park and a service yard). (Sites Current Layout).
1990	1:1,250 1:10,000	No apparent change.
1992	1:1,250	No apparent change.

Date of Mapping	Scale	Feature
1999	Aerial Photography	The west of the Site comprised a car park. No apparent change to the rest of the Site.
2006	1:10,000	No apparent change.
2018	1:10,000	No apparent change.

OFF-SITE

Table 3 - Off-site historical features within 500m

Name	Direction	Approx. Distance (m)	Years feature observed
Undeveloped land Building Works Joinery works, engineering works and works Works Works and residential properties Residential properties	SW	30	1868 to 1896 1896 to 1960 1960 to 1964 1964 to 1977 1977 to 1987 1987 to 1999 1999 to present
Building Smithy Building Undeveloped land Residential Properties	S	43	1868 to 1878 1878 to 1914 1914 to 1938 1938 to 2006 2006 to present
Victoria oil works Buildings Buildings Residential / commercial properties	S	74	1868 to 1878 1878 to 1900 1900 to 1960 1960 to present
Undeveloped land Residential properties Bakery Residential properties / offices	NE	105	1868 to 1878 1878 to 1960 1960 to 1990 1990 to present
Undeveloped land Buildings including residential properties Coal Yard Residential properties with gardens	NE	144	1868 to 1878 1878 to 1960 1960 to 1977 1977 to present
Undeveloped land Undeveloped land / residential properties with gardens Undeveloped land / residential properties with gardens and printing works Undeveloped land / residential properties with gardens and buildings Residential properties / depot / works / mill / factory Residential properties / joinery works / dye works / engineering works / depots	SW	146	1868 to 1878 1878 to 1900 1900 to 1932 1932 to 1960 1960 to 1968 1968 to 1970

Name	Direction	Approx. Distance (m)	Years feature observed
Residential properties / depot / joinery works / works Residential properties / demolished buildings			1970 to 2018 2018 to present
Undeveloped land Cement works Undeveloped land / building Public open space Residential properties / public open space Residential properties	SE	181m	1868 to 1878 1878 to 1900 1900 to 1960 1960 to 1970 1970 to 1977 1977 to present
Undeveloped land Printing works Undeveloped land / buildings Commercial / industrial Buildings Depot / works / factory Demolished buildings / construction of new residential properties	SW	190	1868 to 1900 1900 to 1932 1932 to 1938 1938 to 1960 1960 to 2018 2018 to present
West Drayton Station and railway Railway expanded north (3 branches)	S	203 to 220m	1868 to 1895 1895 to present
Building Abattoir Commercial building Supermarket service yard	N	204	1868 to 1960 1960 to 1977 1977 to 1999 1999 to present
Undeveloped land Building Mill Joinery works Building (works)	SW	214	1868 to 1932 1932 to 1960 1960 to 1964 1964 to 1970 1970 to present
Undeveloped land Works, garage, warehouse and associated tanks Depot Works / commercial building Supermarket and associated car parking	N	217	1868 to 1960 1960 to 1970 1970 to 1992 1992 to 1999 1999 to present
Railway Railway goods shed Railway	SW	250	1868 to 1878 1878 to 1964 1964 to present
Undeveloped land Building Depository Residential properties	E	250	1868 to 1900 1900 to 1960 1960 to 1992 1992 to present
Undeveloped land / buildings Para Rubber Mills Para Rubber Mills and dock	NW	251	1868 to 1896 1896 to 1900 1900 to 1932

Name	Direction	Approx. Distance (m)	Years feature observed
Yiewsley Carpet works, docks and engineering works Works, docks, cottages and factory Photo material works, dock, engineering works Engineering works / works / buildings Industrial estate / supermarket / residential properties			1932 to 1960 1960 to 1970 1970 to 1977 1977 to 1996 1996 to present
Gravel pit Undeveloped land Residential properties	S	270	1868 to 1878 1878 to 1900 1900 to present
Undeveloped land Pumping station / other dock Works Pumping station Electricity substation and residential properties	SE	280	1868 to 1900 1900 to 1960 1960 to 1970 1970 to 1986 1986 to present
Undeveloped land Building Bakery	S	280	1868 to 1900 1900 to 1977 1977 to present
Great Western Railway – Slough Branch Disused railway Roads / residential properties	W	300	1868 to 1963 1963 to 1987 1987 to present
Undeveloped land Water Tower Undeveloped land	SW	310	1868 to 1897 1897 to 1987 1987 to present
Undeveloped agricultural land Undeveloped land Allotment gardens Buildings Engineering works Works Buildings including residential properties, and commercial units	NW	330	1868 to 1896 1896 to 1900 1900 to 1938 1938 to 1960 1960 to 1977 1977 to 1986 1986 to present
Undeveloped land Allotment gardens Undeveloped land Residential properties with gardens	E	350	1868 to 1900 1900 to 1914 1914 to 1932 1932 to present
Lower Colham Mill (flour) / weir Buildings / weir Film works / weir Works / weir Paint works / weir Works / weir Residential properties / weir	SW	394	1868 to 1900 1900 to 1932 1932 to 1934 1934 to 1964 1964 to 1974 1974 to 1992 1992 to present

Name	Direction	Approx. Distance (m)	Years feature observed
Undeveloped public open space (parkland) Undeveloped land / buildings Rotary photographic works Works Residential properties with gardens	SW	400	1868 to 1885 1885 to 1900 1900 to 1960 1960 to 1975 1975 to present
Undeveloped land Building Joining compound works Works and tanks Residential properties	NW	415	1868 to 1964 1964 to 1970 1970 to 1977 1977 to 1996 1996 to present
Undeveloped land Residential properties Telephone exchange Buildings / post office Building	S	430	1868 to 1932 1932 to 1960 1960 to 1967 1967 to 1989 1989 to present
Undeveloped land Allotment gardens Undeveloped land Residential properties	E	450	1868 to 1900 1900 to 1970 1970 to 1977 1977 to present
Undeveloped land (rough pasture) Coal depot Undeveloped land, disused land / buildings	W	470	1868 to 1964 1964 to 1992 1992 to present
Undeveloped agricultural land Undeveloped land Allotment gardens Buildings Works Electrical engineering works, motor repair works, engineering works Buildings including residential and commercial	NW	475	1868 to 1885 1885 to 1900 1900 to 1938 1938 to 1960 1960 to 1970 1970 to 1971 1971 to present
Undeveloped land Building Works Chemical works / works and associated tanks Works Residential properties	NW	480	1868 to 1932 1932 to 1960 1960 to 1970 1970 to 1971 1971 to 1996 1996 to present
Chemical works buildings / works Residential properties with gardens	SE	500	1868 to 1932 1932 to 1992 1992 to present

4 ENVIRONMENTAL SETTING

4.1 GEOLOGY AND HYDROGEOLOGY

The British Geological Survey (BGS) Map Sheet 269 – Windsor and Bracknell (1:50,000, 1999) and the BGS Geology of Britain online viewer have been reviewed with the underlying geology presented in **Table 4** together with EA aquifer designations for the relevant geological units.

Table 4 - Geological Mapping Summary

Strata	Location	Description	Aquifer Designation
Langley Silt Member	Entire Site	Varies from silt to clay, commonly yellow-brown and massively bedded	Unproductive Stratum
Lynch Hill Gravel Member	Outcrops south of the Site underlying the Langley Silt Member	Sand and gravel, locally with lenses of silt, clay or peat	Principal Aquifer
London Clay Formation	Entire Site underlying the Langley Silt Member and Lynch Hill Gravel Member towards the south of the Site	Bioturbated or poorly laminated blue-grey or grey-brown, slightly calcareous silt, clayey silt and sometimes layers of sandy clay. Commonly contains, carbonate concretions ('cementstone nodules') and disseminated pyrite. Thin beds of shells and fine sand partings or pockets of sand are also present.	Unproductive Stratum

Four BGS boreholes have been reviewed within 250m of the site (locations on **Figure 1 Appendix A**). These boreholes generally confirm the expected on-site sequence. The depth and thickness of the strata encountered are summarised in **Table 5** and the logs are attached in **Appendix E**.

Table 5 – Borehole Summaries

Strata	Description	Depth to base (m bgl)	Water strikes (m bgl)	SPT N values	Encountered in
Made Ground	Soft brown, silty CLAY with brick fragments, gravel, rubble, tarmac and organic traces	0.70 - 0.90	None Recorded	2	TQ08SE10 TQ0SE141 TQ0SE142
Brickearth	Firm brown slightly sandy CLAY, with traces of fine flint gravel and pockets of organic matter	2.50 – 4.90	None Recorded	None recorded	TQ0SE10 TQ08SE8 TQ0SE141 TQ0SE142

Strata	Description	Depth to base (m bgl)	Water strikes (m bgl)	SPT N values	Encountered in
Gravels	Medium dense to very dense fine to coarse flint GRAVEL with a little medium to coarse sand and occasional cobbles.	4.90 - 10	5.4 (TQ08SE141) 5.25 (TQ08SE80)	20 - 75	TQ08SE10 TQ08SE8 TQ08SE141 TQ08SE142
London Clay Formation	Weathered London Clay – firm brown silty CLAY with occasional traces of fine flint gravel encountered in TQ08SE8 Stiff to very stiff fissured dark grey / blue CLAY with traces of light grey fine silt partings and occasional traces of shell fragments and claystone. Sand and pebbles at the base (basement beds) encountered in TQ08SE10	6.30 28.90 – 36.30 (Not Proven) 36.60	None Recorded	None Recorded	TQ08SE8 TQ08SE8 TQ08SE10 TQ08SE141 TQ08SE142 TQ08SE10
Redding Beds	Varies from Coloured mottled CLAY, dark brown SAND, dark blue CLAY and grey SAND	53.34 – 56.70	None Recorded	None Recorded	TQ08SE10 TQ08SE8
Upper Chalk	No description given	Not Proven	None Recorded	None Recorded	TQ08SE10 TQ08SE8

It should be noted that Brickearth is a former name for the Langley Silt Member, and Upper Chalk is part of the White Chalk Group.

4.2 HYDROLOGY

The Site is located within the Thames Basin in the Colne Catchment area as designated by the EA¹.

The Grand Union Canal is located approximately 19m south-west and it is likely to be lined. The Grand Union Canal Slough Arm is located approximately 860m north-west of the Site. Frays River is located approximately 300m south-west at its closest point and flows south. Frays River is a semi-canalised river and joins the River Colne approximately 1.6km south-west of the Site in West Drayton. The River Pinn is located 445m north-west of the Site at its closest and joins the Frays River approximately 445m north-west of the Site.

The Grand Union Canal had a GQA River Quality Grade D in 2000. Frays River 340m south-west and 451m west of the Site had a GQA River Quality Grade B in 2000. The River Pinn 520m north-west of the Site had a GQA River Quality Grade E in 2000. The Grand Union Canal Slough Arm 712m north-west of the Site had a GQA River Quality Grade E in 2000. The River Colne 824m south-west of the Site has a GQA River Quality Grade A in 2000.

¹ <http://environment.data.gov.uk/catchment-planning/> Visited 20-04-2018

A River Quality Biology Sampling Point was located 446m north-west of the Site on the Grand Union Canal. The River Quality Biology GQA Grade B-Good had generally been achieved since 1995. The River Quality Biology GQA Grade rose to A-Very good in 2006 to 2008 and dropped to Grade B-Good in the year 2009.

The Site is located within Flood Zone 1 (land having a less than 1 in 1,000 annual probability of river or sea flooding).

BGS groundwater flooding susceptibility model indicates there is potential for groundwater flooding to occur at the surface towards the south-west of the Site.

No surface water abstractions are recorded within 500m of the site.

A surface water nitrate vulnerable zone was located on Site (Colne and Grand Union Canal). There are no groundwater nitrate vulnerable zones located on Site.

4.3 PRELIMINARY HYDROGEOLOGICAL MODEL

The ground profile at the Site is likely to comprise Made Ground overlying the Langley Silt Member, the Lynch Hill Gravel Member and the London Clay Formation in sequence. The Lynch Hill Gravel Member outcrops south of the Site.

The Langley Silt Member and the London Clay Formation are classified as unproductive strata and the Lynch Hill Gravel Member is classified as a Principal Aquifer.

The BGS hydrogeological map indicates groundwater flow is to the south and south-east towards the Frays River, the River Colne and the River Thames.

Groundwater has been encountered within two BGS boreholes (TQ08SE141 and TQ08SE80) approximately between 5.25 and 5.4m bgl within the gravels (Lynch Hill Gravel Member). Groundwater is likely to be encountered within the Lynch Hill Gravel Member. There is also potential for localised shallow groundwater to be present within granular deposits within the Made Ground. The London Clay Formation would be expected to prevent vertical migration of groundwater to deeper aquifers.

The Site is not located within a EA Source Protection Zone (SPZ).

No groundwater abstractions are located within 500m of the Site.

4.4 RADON

The BGS indicates that the Site is in a lower probability radon area as less than 1% of homes are above the Action Level. No radon protection measures are necessary in the construction of new dwellings or extensions.

4.5 UNEXPLODED ORDNANCE RISK (UXO)

Appendix F contains two unexploded bomb risk (UXB) maps supplied by Zetica, one provides the potential for UXB in the area and one provides the relative UXB risk across London.

Publicly available bomb risk mapping supplied by Zetica, and attached in **Appendix F** indicates the Site is at a Moderate Risk of UXO, although a low risk is shown on the London map. It is considered that the current development, which is post World War II, is likely to have reduced or removed the risk of UXO during its construction.

Further to this, a Pre Desk Study Assessment (PDSA) has been obtained from Zetica. Although a risk classification is not provided within the PDSA, the assessment indicates recommended further works following a high level review of the historical data. The results of the PDSA for the site are that no further works are considered essential.

4.6 MINERAL EXTRACTION

Three recorded mineral extraction sites were located within 500m of the Site and are currently reported as ceased and opencast. Rooks Farm Gravel Pit was located approximately 300m south and was reportedly associated with the excavation of sand and gravel from the Langley Silt Member. WSP note that the Langley Silt is typically described as a cohesive soil. Yiewsley Gravel Pit was located approximately 426m north-east and was associated with the excavation of sand and gravel from the Lynch Hill Gravel Member. Yiewsley Brickfields was located 434m north-east and was associated with the excavation of common clay and shale from the Langley Silt Formation.

4.7 LANDFILLING

A historical landfill was located 370m west of the Site. S.W Boyer operated Trout Lane landfill, and deposited waste included industrial waste. No details on operational dates has been recorded.

One registered waste management facility was located within 500m of the Site. Powerday PLC operated a Non-Hazardous and Hazardous Household Waste Amenity Site 430m west. The license (Ref: 104761) was issued 03 December 2012 and modified 21 March 2018.

There were no registered waste transfer, treatment or disposal sites within 500m of the Site.

Three potentially infilled land (non-water) were located within 500m of the Site (130m north-east, 223m south and 386m north-east) comprising unknown filled ground (pit, quarry etc.). The infilled land located 223m south and 386m north-east are in the vicinity of former mineral extraction site and therefore potentially associated with this historical activity.

Four areas of potentially infilled land (water) are located within 500m of the Site (32m west, 116m south-east, 213m east and 418m south-west) comprising unknown filled ground (pond, marsh, river, stream, dock etc.).

4.8 ECOLOGY

Two areas of Adopted Green Belt are located within 500m of the Site (335m west and 374m north) with a plan date of 30 September 1998. The Site does not lie within 500m of one of the following sensitive sites: an area of Outstanding Natural Beauty, Site of Special Scientific Interest (SSSI), Marine Nature Reserve, National Nature Reserve, Marine Conservation Zone Ramsar Site, Special Area of Conservation. Special Protection Area or World Heritage Sites.

5 REGULATORY CONSULTATION

5.1 REGULATORY INFORMATION

Information relating to various regulatory controls has been taken from the Envirocheck Report, which is presented in **Appendix D**. The potential for hazardous materials to impact upon the ground conditions, surface or groundwater on Site are summarised below within **Table 6**.

Table 6 - Regulatory Information

Environmental Data	Distance from site (within 500m)	Details	Potential risk
Contaminated land register entries and notices	N/A	No entries on the contaminated land register were recorded within 500m of the Site.	No
Discharge Consents	190m north-west Revoked February 1990	Airoil Burner Co (Gb) Ltd, Bedford Row, London, discharging of trade discharges – cooling water into the Grand Union Canal.	No
	243m south-west Revoked June 1991	Middlesex Oil & Chemical Works Ltd, discharging of trade discharges – cooling water into the Grand Union Canal.	No
	288m west Revoked October 2015 Surrendered under EPR 2010.	Thames Water Utilities Ltd, discharging of sewage – pumping station, water company into the River Pinn.	Yes
	288m west Revoked September 2010		
	288m west Revoked March 1992	Wimpey Homes Holdings Ltd, discharging of other matter surface water into the Frays Rivers.	No
	307m south-west Revoked January 1990	Valentine Varnish & Lacquer Co. Ltd, discharging of trade discharges – cooling water into Frays Rivers.	No
	320m north-west Revoked December 1990	F & R Amigo Containers Ltd, discharging of trade discharges – cooling water into Grand Union Canal.	No
	322m south-west Not Supplied	English, discharging of sewage – final / treated effluent – not water company into the Frays River.	No
	322m south-west Revoked August 1993	P D Fuels Ltd, P D House, Broad Street, Portsmouth, discharge unknown. Receiving water Frays Rivers.	No
	322m south-west Revoked June 1993	Mears Bros (Contractors) Ltd., Sydenham, discharging sewage - final / treated effluent – not water company into Frays River.	No

Environmental Data	Distance from site (within 500m)	Details	Potential risk
	324m south-west Not Supplied	Db Schenker Rail (UK) Limited, discharging of other matter surface water into Frays Rivers.	No
Local Authority Pollution Prevention and Controls	44m north-east	Pearl Dry Cleaners, PG6/46, dry cleaning.	No
	219m north	R and J Dry Cleaners, PG6/46, dry cleaning.	No
	255m north-west	Swan Motors, PG6/34 Respraying of road vehicles.	Yes
	261m west	Celtic Energy West Drayton, PG3/5 Coal, coke and coal product processes	Yes
	296m west	Astor Stag Ltd, PG6/29 Di-isocyanate processes and PG6/23 Coating of metal and plastic.	Yes
	363m south	Rosies Dry Cleaners, PG6/46, dry cleaning.	No
	376m north	Totalfinaelf, PG1/14 Petrol filling station.	Yes
	407m west	Hillingdon Autos, PG1/1Waste oil burners, less than 0.4MW net rated thermal input.	Yes
	446m north-west	New Pro Foundries, PG2/8 Copper and copper alloy processes.	Yes
	449m north-west	New Pro Foundries, PG2/4 Iron, steel and non-ferrous metal foundry processes.	Yes
	498m north-west	Shell Yiewsley, PG1/14 Petrol filling station.	Yes
Pollution Incidents to Controlled Waters	24m south-west	1990, Category 3 – Minor Incident, unknown chemicals, confirmed as a pollution incident. Receiving water not recorded.	No
	28m south-west	1993, Category 3 – Minor Incident, unknown miscellaneous pollutant, confirmed as a pollution incident. Receiving water not recorded.	No
	236m north-west	1996, Category 3 – Minor Incident, unknown pollutant. Receiving water not recorded.	No
	305m south	Incident date not supplied, Category 3 – Minor Incident, miscellaneous other pollutant. Receiving water not recorded.	No
	320m north-west	1989, Category 2 –Significant Incident, unknown oil, confirmed as a pollution incident. Receiving water not recorded.	No
	377m north-west	1995, Category 3 – Minor Incident, unknown oils, confirmed as a pollution incident. Receiving water not recorded.	No
	381m south-west	1993, Category 2 –Significant Incident, unknown oils, confirmed as a pollution incident. Receiving water not recorded.	No

Environmental Data	Distance from site (within 500m)	Details	Potential risk
	385m south-west	1998, Category 3 – Minor Incident, unknown oils. Receiving water not recorded.	No
	411m west	1996, Category 3 – Minor Incident, miscellaneous other pollutant. Receiving water not recorded.	No
	443m north-west	1995, Category 2 –Significant Incident, unknown oils, confirmed as a pollution incident. Receiving water not recorded.	No
	447m south-west	1993, Category 3 –Minor Incident, unknown sewage confirmed as a pollution incident. Receiving water not recorded.	No
	450m north-west	1995, Category 3 – Minor Incident, unknown oils. Receiving water not recorded.	No
	475m south-east	1993, Category 3 – Minor Incident, unknown miscellaneous pollutant, confirmed as a pollution incident. Receiving water not recorded.	No
Sustained Pollution Incident Register	79m north-west	2002, Land - Category 2 – Significant Incident for contaminated water, firefighting run-off, Air - Category 3 – Minor Incident for atmospheric pollutants and effects, fumes, Water - Category 4 – No impact.	Yes
Integrated Pollution Controls	287m west	1996, Astor Ltd, IPC application for process that was regulated by HMIP for air releases under previous legislation. 4.5 A (C) Inorganic Chemical processes within the Chemical Industry.	Yes
	292m west	1992, Astor-Stag, IPC new application 1.4 A (A) Petroleum processes within the Fuel & Power Industry.	Yes
	294m west	1993, Astor-Stag, IPC minor (non-substantial) variation to previous variation 1.4 A (A) Petroleum processes within the Fuel & Power Industry.	Yes
	298m west	1998, Astor-Stag, IPC minor (non-substantial) variation to previous variation 1.4 A (A) Petroleum processes within the Fuel & Power Industry.	Yes
	301m north-west	1998, Astor-Ltd, 24th November 1998 IPC minor (non-substantial) variation to previous variation.	Yes
Prosecutions Relating to Controlled Waters	398m west	Egglesey Farm, Harmondsworth, WEST DRAYTON, Middlesex, UB7. Polluting River Wray with silt whilst pumping water into the river for which they had a consent. Guilty dated 29 July 1997. Fined £2500.	No
	399m west	Egglesey Farm, Harmondsworth, WEST DRAYTON, Middlesex, UB7. Polluting the	No

Environmental Data	Distance from site (within 500m)	Details	Potential risk
		River Wray with silt whilst pumping water into the river for which they had a consent. Guilty dated 29 July 1997. Fined £5000.	
Prosecutions Relating to Authorised processes	266m south	Engine Public House, 5 Station Road, West Drayton, Middlesex, UB7 7B. Two tonnes of timber and old fittings were removed by an unlicensed waste carrier and burnt. Guilty dated 6 October 1998. Fined £250.	No
Trade Directory Entries	On-site Active	No entries were recorded	No
	On-site Inactive	No entries were recorded	No
	0-100m Active	Garage services, and printers, glass, metal, plastics etc.	Yes
	0-100m Inactive	Dry cleaners, pharmaceutical manufacturers and distributors, electronic equipment – manufactures and assemblers, hardware, printers, waste disposal services, tool design – manufactures and makers, distribution services and air compressors.	Yes
	100- 250m Active	Computer manufactures, lithographic plate makers, washing machines – servicing and repairs, garage services, bus and coach operators and stations, generators – sales and service, distribution services and tyre dealers.	Yes
	100- 250m Inactive	Freight forwarders, blast cleaning equipment and manufactures, garage services, plastics – machinery equipment and manufactures, car customisation and conversion specialists, precision engineers, commercial cleaning services, air compressors, garage equipment, print finishers, photographic processors, bed and mattress manufactures, dairies, air conditioning and refrigeration contractors, car body repairs, toiletries, metal products – fabricated, conveyors and conveyor belts, commercial vehicle bodybuilders and repairers, breakdown and recovery, blinds, awnings and canopies, carpet, curtain and upholstery cleaners, distribution services, metal finishing services, coal companies, screen process printers, hydraulic engineers, transformer manufactures, pest and vermin control, plastic products manufactures, leather garments and products, builders merchants, waste disposal service and greetings card publishers and wholesalers.	Yes

Environmental Data	Distance from site (within 500m)	Details	Potential risk
	250- 500m Active	Bed and mattress manufactures, printers, garage services, Mot testing centres, tyre manufactures and distributors, dry cleaners, car body repairs, car dealers- used, window tinting, garage services, road haulage services, glass products and manufactures, ironing and home laundry services and meat product manufacturers and wholesalers.	Yes
	250- 500m Inactive	Car body repairs, garage services, conveyors and conveyor belts, ironing and home laundry services, commercial vehicle bodybuilders and repairs, printers, waste disposal services, copying and duplicating services, screen process printers, exhaust and shock absorber centres, generators sales and service, air conditioning equipment and systems, aluminium fabricators, rubber and plastic products – manufactures, swimming pool contractors – repairers and service, firework stockists, recycling centres, coal and smokeless fuel merchants and distributors, office furniture and equipment, petrol filling stations,. Cleaning services commercial and domestic, crane hire, sales and service, pest and vermin control, car engine turning and diagnostic services, laundries and laundrettes, clothing fabrics – manufactures and refrigeration equipment.	Yes
Control of major accident hazards sites (COMAH)	N/A	No entries within 500m of the site.	No
Registered radioactive substances	N/A	No registered radioactive substances have been recorded within 500m of the Site.	No
Notification of installations handling hazardous substances	N/A	No record of installing hazardous substances has been recorded within 500m of the site.	No
Planning Hazardous Substance Consents	480m south-east	18 August 1995, Ministry of Defence, hazardous substance unknown at time of report.	No
Fuel station entries	487m south Obsolete	Obsolete, Star West Drayton	No
	498m north-west Obsolete	Obsolete, Falling Lane Service Station	Yes

5.2 CORRESPONDENCE

CONTAMINATED LAND OFFICER (CLO)

The Contaminated Land Officer for the London Borough of Hillingdon was contacted on 14 June 2018. No response has yet been received. If pertinent information is received, this report will be updated or the information will be sent as an addendum to this report.

ENVIRONMENT AGENCY (EA)

The Environment Agency was contacted on 14 June 2018. No response has yet been received. If pertinent information is received, this report will be updated or the information will be sent as an addendum to this report.

BUILDING CONTROL OFFICER (BCO)

The Building Control Officer for the London Borough of Hillingdon was contacted on 14 June 2018. No response has yet been received. If pertinent information is received, this report will be updated or the information will be sent as an addendum to this report.

6 CONCEPTUAL SITE MODEL (CSM)

6.1 INTRODUCTION

The preliminary CSM is based upon the environmental conditions of the site as described in the previous sections.

The methods used within this assessment follow a risk-based approach; with the potential environmental risk assessed qualitatively using the 'source-pathway-receptor' contaminant linkage concept introduced in the guidance documents (principally the EA's CLR11) on the practical implementation of the Environmental Protection Act 1990.

Environmental risk can be defined as the combination of the consequence of a harmful effect and the probability of its occurrence. The existence of a contaminant linkage is primarily dependant on site usage and environmental conditions.

The environmental risk assessment has been carried out by identifying and evaluating the significance of the following:

- Potential Sources of Contamination: these include any actual or potentially contaminating materials and activities, located either on or in the vicinity of the Site;
- Potential Pathways for Contamination Migration: these are the routes or mechanisms by which contaminants may migrate from the source to the receptor; and
- Potential Receptors of Contamination: these include present or future land users, activities or persons at the Site.

The preliminary CSM was developed based on a proposed commercial end use at the Site. A summary of the applicable legislative and planning framework for the assessment is presented in **Appendix G**.

Table 7 provides a key to the potential pathways and receptors identified at the Site. The on-site preliminary CSM is presented in **Table 8**, and the off-site CSM in **Table 9**.

Table 7 - Potential Pathways

Receptor Type	Receptors	Potential Pathways On-site contaminant source	On-site ID	Off-site contaminant source	Off-site ID
Human Health	Site users (current and future) and maintenance workers	– Dermal contact with contaminated soils and waters – Inhalation of contaminated soils, waters and vapours/gas – Ingestion of contaminated soils and waters – Contact with explosive ordnance	1	– Inhalation/ingestion of contaminated soils in airborne dust	6
	Neighbouring site users	– Inhalation/ingestion of contaminated soils in airborne dust	2	Not relevant	NA
Groundwater	Lynch Hill Gravel Member	– Leaching of contaminants from soils	3	– Migration of contaminated groundwater, surface	7

Receptor Type	Receptors	Potential Pathways			
		On-site contaminant source	On-site ID	Off-site contaminant source	Off-site ID
	(Principal Aquifer)	– Migration of contamination in groundwater – Migration of immiscible contaminants – Infiltration of contaminated surface water		water or immiscible contaminants	
Surface Water	The Grand Union Canal, Frays River, and River Pinn	– Runoff of contaminated surface water – Migration of immiscible contaminants	4	– Migration of contaminated groundwater, surface water or immiscible contaminants	8
Building Structures	Buried concrete and potable water supply pipes	– Direct contact with contaminated soils, groundwater or immiscible contaminants	5	– Migration of contaminated groundwater, surface water or immiscible contaminants	9

Table 8 - On-site conceptual site model

Source	Potential Contaminants	Pathway ID (Table 7)	Comment on Hazard Realisation	Risk Rating
Former use as a bakery, and residential developments.	A wide range of potential contaminants depending on the source material, metals, hydrocarbons, PCBs, PAHs, solvents, cyanide, asbestos, and phenols.	1-5	It is unknown whether good environmental management practices have been undertaken.	LOW
Current use as Morrisons store, associated surface and basement car park, warehouse and service yard.	A wide range of potential contaminants depending on the source material, metals, hydrocarbons, PCBs, PAHs, solvents, cyanide, asbestos, and phenols.	1-5	- The Site is currently being utilised as a car park; any fuel leakages or spillages may have impacted the underlying soils and groundwater. - The nature of the material stored in the skip is unknown. - It is unknown if asbestos was or is present in the current or former buildings. - Likely good environmental management practices have been undertaken. - Competence of the above ground storage tank located in the basement is unknown. Leaks and spillages are likely to have occurred. - An electricity substation was located towards the east of the service yard. - Staining was noted in one of the plant rooms.	LOW to MODERATE
Made Ground associated with current and historical development on site.	A wide range of potential contaminants, depending on the source of material, but may include asbestos, metals, cyanide, hydrocarbons, PAH There is the potential for ground gas generation from the Made Ground.	1-5	- Made Ground is known to be present on the Site associated with the former and current development. - Former phases of construction are known to have occurred on the site	LOW to MODERATE

Table 9 - Off-site conceptual site model

Location	Source	Potential Contaminants	Pathway ID (Table 9)	Comment on Hazard Realisation	Risk Rating
0-500m surrounding the site	Surrounding current and historical industrial land uses including: bakery, smithy, coal yard / depot, factory, mill, flour mill, railway station and railway, abattoir, rubber mills, gravel pit, pumping station, disused railway, telephone exchange and a works including joinery, oil, engineering, printing, dye, cement, carpet, photo material, paint and chemical, garages, petrol stations, dry cleaners, waste disposal services, metal fabricators and distribution services.	A wide range of potential contaminants, depending on the source of material, but may include metals, cyanide, hydrocarbons, PAH, VOCs, SVOCs, PCBs and pathogens.	6-9	- It is unknown whether any remediation has been undertaken on surrounding sites. - It is unknown if good environmental management practices have been undertaken. - Leaks and spillages are likely to have occurred, at the garages and petrol stations. 2002 Land, Category 2 – Significant Incident for contaminated water, firefighting run-off. 2002 Air, Category 3 – Minor Incident for atmospheric pollutants and effects, fumes. - Discharge consents –288m west discharging sewage into the River Pinn.	LOW to MODERATE
430m west	Registered waste management facility	A wide range of potential contaminants, depending on the source of material, but may include asbestos, metals, cyanide, hydrocarbons and PAH.	6-9	- The waste management facility (non-hazardous and hazardous waste amenity site) was located within 500m of the Site. - It is unknown whether good environmental management practices have been undertaken	LOW
370m west 130 north-east, 233m south, 386m north-east, 32m west, 116m south-east, 213m east and 418m south-west	Historical Landfill and infilled land of unknown material	A wide range of potential contaminants, depending on the source of material, but may include metals, cyanide, hydrocarbons, PAH, VOCs, SVOCs, PCBs and pathogens. There is the potential for ground gas generation.	6-9	- It is unknown whether good environmental management practices have been undertaken. - Given the distance of the historical landfill at some distance from the Site (370m west) the Site is unlikely to be affected. - The specific nature and source of fill material is possibly unknown, as well as exact location. - The specific nature and source of fill material is unknown for infilled land, as well as exact location. - Infilled land (223m south and 386m north-east) are located in the vicinity of former mineral extraction site and are potentially associated with this historical activity.	LOW to MODERATE
219m and 376m north, 255m, 449m, 446m and 498m north-west and 261m, 296m, and 407m west	Local authority pollution prevention and controls	A wide range of potential contaminants, depending on the source of material, but may include metals, cyanide, hydrocarbons, PAH, VOCs, SVOCs, PCBs and pathogens.	6-9	- Due to the distance from the Site the risk is not considered to be significant. - It is unknown whether good environmental management practices have been undertaken.	LOW to MODERATE
498m north-west	Obsolete petrol filling station	Metals, hydrocarbons, BTEX, PAHs, VOCs and SVOCs.	6-9	- Leaks and spillages are likely to have occurred. - It is unknown whether the obsolete petrol station was remediated on closure. - The competence of the tanks are unknown. - It is unknown whether good environmental practices have been undertaken. - Given the distance to the Site (498m north-west), the Site is unlikely to be affected.	LOW to MODERATE
236m, 320,377,443 and 450m north-west	Pollution Incident to controlled waters	A wide range of potential contaminants, depending on the source of material, but may include metals, cyanide, hydrocarbons, PAH, VOCs, SVOCs, PCBs and pathogens.	6-9	- Pollution incidents have generally been minor to significant incidents for unknown oils and unknown pollutants. - Incidents occurred over 20 years ago therefore are unlikely to affect the site now therefore the risk is not considered significant.	LOW

7 GEOTECHNICAL CONSIDERATIONS

7.1 PROPOSED DEVELOPMENT

Planning permission is sought for the demolition of the existing buildings and the redevelopment of the site to provide a retail and residential mixed-use scheme. The Site will be redeveloped to provide a replacement Morrisons food store, with 144 residential units provided above, up to 8 storeys in height. The Site will also include a 2 storey basement to accommodate 170 car parking spaces, which extends across the majority of the site area beyond the lateral extent of the proposed store.

7.2 GEOTECHNICAL HAZARDS

A list of ground stability hazards and the risk reported within the Envirocheck report on the current site are summarised in **Table 10**.

Table 10 - Geotechnical Hazards

Ground Stability Hazard	Risk
Collapsible Ground	Low
Compressible Ground	No Hazard
Ground Dissolution	No Hazard
Landslide	Very Low
Running Sand	No Hazard
Shrinking or Swelling of Clay	Very Low

7.3 GEOTECHNICAL CONSTRAINTS

Table 11 - Geotechnical Constraints

Geotechnical Constraints	Comments
Made Ground	Made Ground is known to be present on Site associated with the current development.
Below ground obstructions	Below ground obstructions should be anticipated associated with the former structures and the current development, including the basement walls associated with the existing car park No utility mapping has been commissioned at this point so exact details are not available.
Lateral changes in geology	Made Ground is known to be present the site. The Langley Silt Member is expected to be encountered across the entire Site, overlying the London Clay Formation. The Lynch Hill Gravel Member outcrops south of the Site underlying the Langley Silt Member. It is considered that the excavation associated with the widespread basement may remove any shallow lateral variation.
Ground dissolution	The solid geology beneath the Site is the London Clay Formation and dissolution features are unlikely.
Soft/Compressible Ground	The Langley Silt Member is likely to be present across the entire Site, it has the potential to be soft and therefore should be considered to be compressible.

Geotechnical Constraints	Comments
Excavations	Made Ground or superficial soils present have the potential to be soft and/or loose and the stability of unsupported excavations within these soils should not be relied upon. The large scale excavation associated with the basement will depend on the preferred construction sequence and will require appropriate design and construction planning.
Shallow Groundwater	Shallow groundwater has the potential to be present perched within any granular Made Ground Deposits. Groundwater has previously been encountered in previous off site BGS boreholes (TQ08SE80 and TQ08SE141) within the Lynch Hill Gravel Member at approximately between 5.25 and 5.4m bgl. The impact of groundwater on the basement construction needs to be understood during detailed design of the structure.
Unexploded Ordnance (UXO)	The Zetica desk study indicates a low/moderate risk associated with UXO. A PDSA obtained from Zetica has identified that no further works are essential.
Slopes	The land appears generally flat. There are two ramps down to the basement car park one for cars with access via the surface car park towards the west of the site and one for pedestrians with access towards to north of the building.
Desiccated Soils	Isolated mature trees are located towards the western boundary of the Site and also towards the western boundary of the surface car park. Clay Soils are likely to be present on Site in the Langley Silt Member, and these soils have the potential to be desiccated.
Aggressive Ground Conditions	The underlying London Clay has the potential to be high in sulphate concentrations which could detrimentally impact the below ground concrete.

7.4 PRELIMINARY GEOTECHNICAL APPRAISAL

The key geotechnical risks at the Site are considered to be the potential for below ground obstructions, predominantly associated with the existing basement, which is proposed to be extended both laterally to cover the majority of the site area and vertically, to include two storeys of basement car parking, unexploded ordnance and soft / compressible ground. These risks should be assessed in the ground investigation.

GENERAL

It is recommended that the preliminary geotechnical recommendations provided below are revised once the proposed scheme is confirmed and the column loads and tolerable settlements are confirmed. An intrusive investigation will be required to inform the design of the foundations, however this can be undertaken following a planning decision.

FOUNDATIONS

In the absence of structural loads, but with due consideration to the proposed redevelopment, it is considered that the foundations are likely to comprise either a raft or piled raft foundation, associated with the basement slab or piled foundations into the London Clay. This will be dependent on the specific depths strata are encountered beneath the Site and the formation level of the basement.

Appropriate ground investigation is required to inform the design of the potential foundation solution.

BASEMENTS

A basement exists beneath the current Morrisons store, with the redevelopment proposals identifying the basement will be extended both laterally to cover the majority of the Site and vertically to include two storeys of basement car parking. A portion in the north east will require infilling.

Appropriate ground investigation will be required to inform the design of the perimeter walls and slab of the proposed basement.

Consideration will be necessary to understand the implication associated with the potential for groundwater within the underlying Lynch Hill Gravels. This may include a need for dewatering during construction and waterproofing being included within the design of the perimeter walls.

INFILTRATION

Given the anticipated ground profile and the presence of a widespread basement, it is considered unlikely that surface water infiltration to the ground will be an option.

EXTERNAL WORKS

It is recommended that a CBR value of 3% be adopted in the preliminary design of road pavements and parking areas constructed on the Made Ground / Langley Silt, outside of the basement extent. This will be confirmed during in-situ testing in the ground investigation or during construction.

8 CONCLUSIONS AND RECOMMENDATIONS

Based on the findings of this preliminary assessment, WSP makes the following conclusions in the context of the proposed development of the site to a commercial end use.

8.1 ENVIRONMENTAL SETTING

The ground profile at the Site is likely to comprise Made Ground overlying the Langley Silt Member, Lynch Hill Gravels and the London Clay Formation in sequence. The Lynch Hill Gravel Member outcrops south of the Site.

The Langley Silt Member and the London Clay Formation are classified as unproductive strata and the Lynch Hill Gravel Member is classified as a Principal Aquifer.

Groundwater has been encountered within two BGS boreholes (TQ08SE141 and TQ08SE80) approximately between 5.25 and 5.4m bgl within the gravels (Lynch Hill Gravel Member). Groundwater is likely to be encountered within the Lynch Hill Gravel Member. There is potential for localised shallow groundwater to be present within granular deposits within the Made Ground. The London Clay Formation would be expected to prevent vertical migration of groundwater to deeper aquifers.

The Site is not located within an Environment Agency groundwater Source Protection Zone. The Grand Union Canal is located approximately 19m south-west of the Site, Frays River 300m south-west of the Site and the River Pinn 445m north-west of the Site.

8.2 POTENTIAL FOR GROUND CONTAMINATION

WSP considers that on-site sources of potential contamination comprise the former use as a bakery, current use as a Morrisons supermarket and associated surface and basement car parks as well as service yard and warehouse, and Made Ground associated with current and historical development on Site.

Potential off-site sources of contamination include the registered waste management facility, historical landfill, infilled land of unknown material, local authority pollution prevention and controls, obsolete petrol filling station, pollution incident to controlled waters and surrounding historical and current industrial / commercial land uses.

Plausible contaminant linkages have been identified with respect to human health including dermal contact with, inhalation or ingestion of contaminated soils, dust or water.

Plausible contaminant linkages identified to controlled waters include the possibility of leaching of contaminants from the unsaturated zone, lateral migration of contaminants in surface water on to, and off of the site and lateral migration of contaminated groundwater from up gradient off-site sources on to the site.

Plausible contaminant linkages to building structures include direct contact with contaminated soils, groundwater or immiscible contaminants.

Under the proposed development, potential receptors were identified as:

- Current and future site users;
- Construction and maintenance workers;
- Groundwater in the Lynch Hill Gravel Member (Principal Aquifer)
- Surface water features, Grand Union Canal, Frays River and the River Pinn.
- Site structures, particularly foundations of current buildings; and
- Potable water supply pipes.

In conclusion, the preliminary risk assessment indicates generally a **low to moderate risk** to human health, controlled waters and site structures.

8.3 GEOTECHNICAL CONCLUSIONS

The significant geotechnical risks identified at the Site include the potential for below ground obstructions and soft / compressible ground. These risks should be assessed in the ground investigation.

It is anticipated, at this stage of the project, that the redevelopment to the main structures will require piled foundations, however a raft or piled raft foundation associated with the basement slab should also be considered during design once structural loadings, formation levels and below ground conditions are known. A greater understanding of the groundwater regime will be required to inform the design of the basement structure.

8.4 RECOMMENDATIONS

WSP recommends the following actions are undertaken:

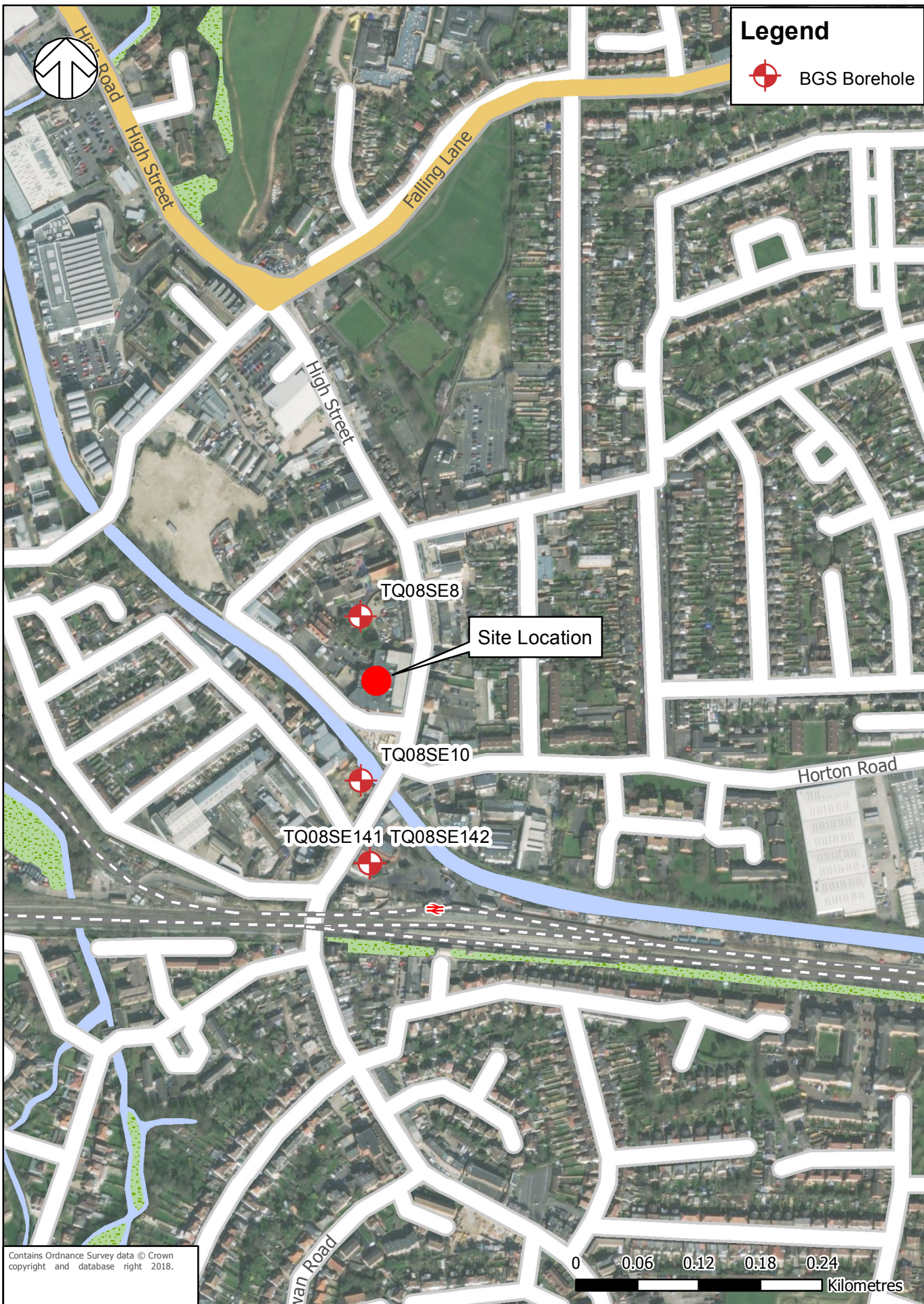
- A Phase 2 ground investigation should be undertaken to assess:
 - Baseline ground conditions at the site including contaminant concentrations, ground gas and groundwater monitoring; and
 - Geotechnical parameters to assist subsequent design.
- The production of an interpretative Ground Investigation Report including an assessment of the risk from contamination at the site and a preliminary geotechnical appraisal to facilitate design of the basement and associated foundations for the proposed redevelopment; and

The ground investigation can be undertaken following a planning consent in response to associated planning conditions.

Appendix A

FIGURES



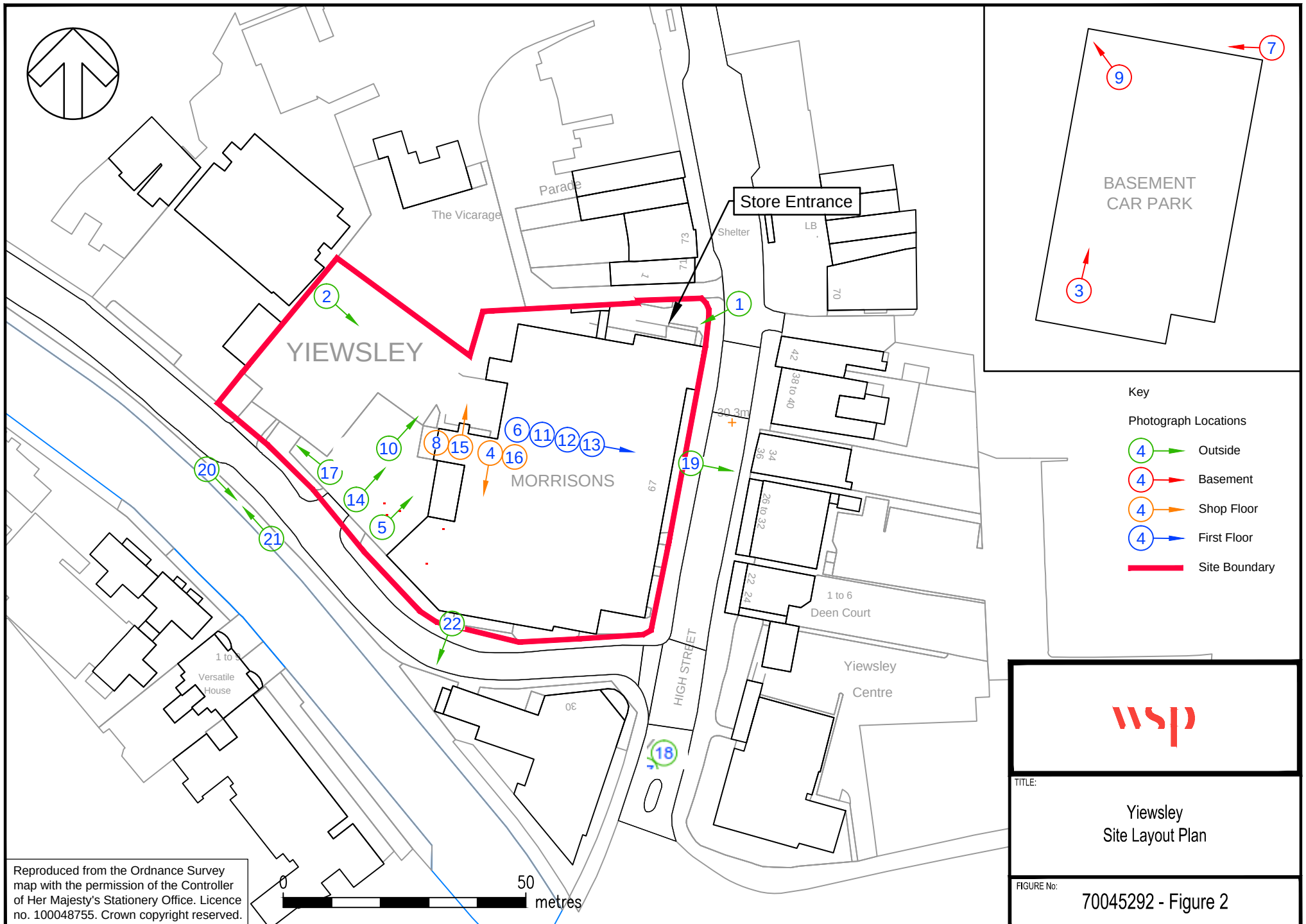


TITLE:

Viewsley
Site Location Plan

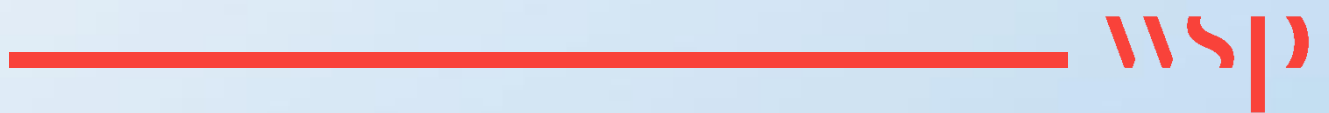
FIGURE No:

70045292 - Figure 1



Appendix B

LIMITATIONS





REPORT LIMITATIONS - GROUND RISK AND REMEDIATION

GENERAL

1. WSP UK Limited has prepared this report solely for the use of the Client and those parties with whom a warranty agreement has been executed, or with whom an assignment has been agreed and outlined in the body of the report.
2. Unless explicitly agreed otherwise, in writing, this report has been prepared under WSP UK Limited standard Terms and Conditions as included within our proposal to the Client.
3. Project specific appointment documents may be agreed at our discretion and a charge may be levied for both the time to review and finalise appointments documents and also for associated changes to the appointment terms. WSP UK Limited reserves the right to amend the fee should any changes to the appointment terms create an increase risk to WSP UK Limited.
4. The report needs to be considered in the light of the WSP UK Limited proposal and associated limitations of scope. The report needs to be read in full and isolated sections cannot be used without full reference to other elements of the report and any previous works referenced within the report.

PHASE 1 GEO ENVIRONMENTAL AND PRELIMINARY RISK ASSESSMENTS

Coverage: *This section covers reports with the following titles or combination of titles: phase 1; desk top study; geo environmental assessment; development appraisal; preliminary environmental risk assessment; constraints report; due diligence report; geotechnical development review; environmental statement; environmental chapter; project scope summary report (PSSR), program environmental impact report (PEIR), geotechnical development risk register; and, baseline environmental assessment.*

5. The works undertaken to prepare this report comprised a study of available and easily documented information from a variety of sources (including the Client), together with (where appropriate) a brief walk over inspection of the Site and correspondence with relevant authorities and other interested parties. Due to the short timescales associated with these projects responses may not have been received from all parties. WSP UK Limited cannot be held responsible for any disclosures that are provided post production of our report and will not automatically update our report.
6. The opinions given in this report have been dictated by the finite data on which they are based and are relevant only for the purpose for which the report was commissioned. The information reviewed should not be considered exhaustive and has been accepted in good faith as providing true and representative data pertaining to site conditions. Should additional information become available which may affect the opinions expressed in this report, WSP UK Limited reserves the right to review such information and, if warranted, to modify the opinions accordingly.
7. It should be noted that any risks identified in this report are perceived risks based on the information reviewed. Actual risks can only be assessed following intrusive investigations of the site.
8. WSP UK Limited does not warrant work / data undertaken / provided by others.

INTRUSIVE INVESTIGATION REPORTS

Coverage: *The following report titles (or combination) may cover this category of work: geo environmental site investigation; geotechnical assessment; GIR (Ground Investigation reports); preliminary environmental and geotechnical risk assessment; and, geotechnical risk register.*



REPORT LIMITATIONS - GROUND RISK AND REMEDIATION

upon to provide detailed and representative information on the delineation, type and extent of bulk ACMs and / or trace loose asbestos fibres within the soil matrix at the site.

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

EUROCODE 7: GEOTECHNICAL DESIGN

21. On 1st April 2010, BS EN 1997-1:2004 (Eurocode 7: Geotechnical Design – Part 1) became the mandatory baseline standard for geotechnical ground investigations.
22. In terms of geotechnical design for foundations, slopes, retaining walls and earthworks, EC7 sets guidance on design procedures including specific guidance on the numbers and spacings of boreholes for geotechnical design, there are limits to methods of ground investigation and the quality of data obtained and there are also prescriptive methods of assessing soil strengths and methods of design. Unless otherwise explicitly stated, the work has not been undertaken in accordance with EC7. A standard geotechnical interpretative report will not meet the requirements of the Geotechnical Design Report (GDR) under Eurocode 7. The GDR can only be prepared following confirmation of all structural loads and serviceability requirements. The report is likely to represent a Ground Investigation Report (GIR) under the Eurocode 7 guidance.

DETAILED QUANTITATIVE RISK ASSESSMENTS AND REMEDIAL STRATEGY REPORTS

23. These reports build upon previous report versions and associated notes. The scope of the investigation, further testing and monitoring and associated risk assessments were selected on the basis of the specific development and land use scenario proposed by the Client and may not be appropriate to another form of development or scheme layout. The risk assessment and opinions provided are based on currently available approaches in the generation of Site Specific Assessment Criteria relating to contamination concentrations and are not considered to represent a risk in a specific land use scenario to a specific receptor. No liability can be accepted for the retrospective effects of any future changes or amendments to these values, associated models or associated guidance.
24. The outputs of the Detailed Quantitative Risk Assessments are based upon WSP UK Limited manipulation of standard risk assessment models. These are our interpretation of the risk assessment criteria.
25. Prior to adoption on site they will need discussing and agreeing with the Regulatory Authorities prior to adoption on site. The regulatory discussion and engagement process may result in an alternative interpretation being determined and agreed. The process and timescales associated with the Regulatory Authority engagement are not within the control of WSP UK Limited. All costs and programmes presented as a result of this process should be validated by a quantity surveyor and should be presumed to be indicative.

GEOTECHNICAL DESIGN REPORT (GDR)

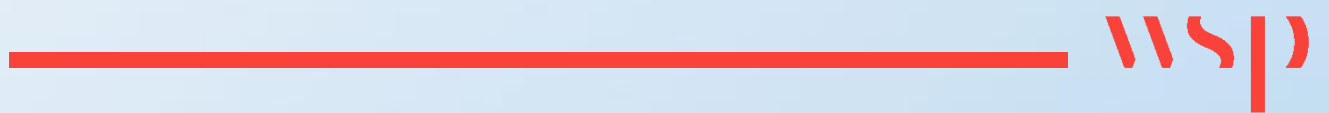
26. The GDR can only be prepared following confirmation of all structural loads and serviceability requirements. All the relevant information needs to be provided to allow for a GDR to be produced.

MONITORING (INCLUDING REMEDIATION MONITORING REPORTS)

27. These reports are factual in nature and comprise monitoring, normally groundwater and ground gas and data provided by contractors as part of an earthworks or remedial works.
28. The data is presented and will be compared with assessment criteria.

Appendix C

PHOTOGRAPHIC LOG





Photograph 1: Morrisons Supermarket



Photograph 2: Surface car park



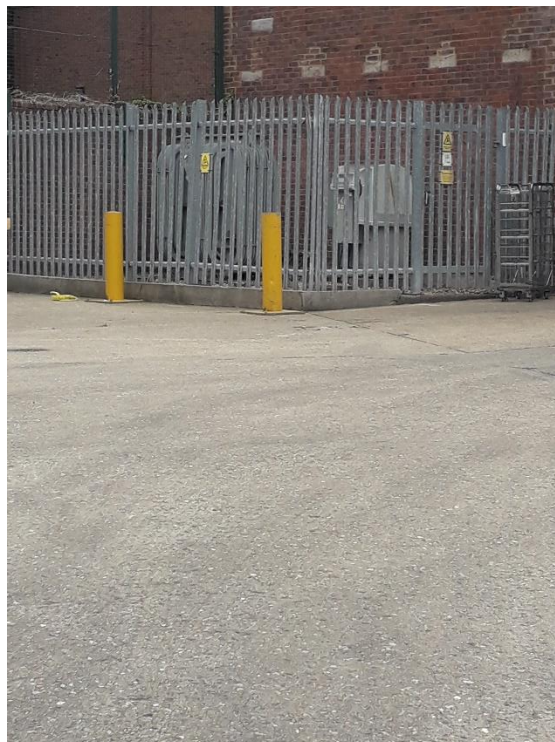
Photograph 5: Service yard



Photograph 6: Plant room



Photograph 9: Cupboard in basement



Photograph 10: Electricity substation located in the service yard



Photograph 13: Staining noted on the floor within plant room



Photograph 14: Skip located in the service yard



Photograph 17 : Trolleys and wooden pallets in service yard



Photograph 18: High Street, retails and commercial units and residential properties



Photograph 21: Grand Union Canal and residential properties



Photograph 22: Residential properties and small play area

Appendix D

ENVIROCHECK REPORT





Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

169759953_1_1

Customer Reference:

70045292

National Grid Reference:

506040, 180350

Slice:

A

Site Area (Ha):

0.52

Search Buffer (m):

1000

Site Details:

Morrisons, 41-67
High Street
Yiewsley
WEST DRAYTON
UB7 7QQ

Client Details:

MR M Wheeler
WSP UK Ltd
Unit 9 The Chase
John Tate Road
Foxholes Business Park
Hertford
SG13 7NN

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		3	10	13
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 8			5	
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 8		2	10	3
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 10		Yes		
Pollution Incidents to Controlled Waters	pg 11		3	10	20
Prosecutions Relating to Authorised Processes	pg 16			1	
Registered Radioactive Substances	pg 16				1
River Quality	pg 16	1		2	3
River Quality Biology Sampling Points	pg 17			1	
River Quality Chemistry Sampling Points	pg 18				1
Substantiated Pollution Incident Register	pg 18		1		1
Water Abstractions	pg 19				1 (*26)
Water Industry Act Referrals	pg 25				1
Groundwater Vulnerability	pg 25	Yes	n/a	n/a	n/a
Drift Deposits	pg 25	1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 26	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 26	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 26		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences				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 26		1	29	63

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 45	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 45	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 46			3	14
BGS Urban Soil Chemistry	pg 49		Yes	Yes	Yes
BGS Urban Soil Chemistry Averages	pg 52	Yes			
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				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 52	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 52		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 52	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 52		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 53	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
Industrial Land Use					
Contemporary Trade Directory Entries	pg 54		105	83	138
Fuel Station Entries	pg 82			2	2
Points of Interest - Commercial Services	pg 83		28	34	65
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 93		29	33	27
Points of Interest - Public Infrastructure	pg 101		5	5	16
Points of Interest - Recreational and Environmental	pg 103			2	6
Gas Pipelines					
Underground Electrical Cables					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (W)	0	1	506000 180346
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (S)	3	1	506039 180300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (W)	34	1	505950 180350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (S)	53	1	506050 180250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (S)	109	1	506100 180200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (N)	128	1	506100 180500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SW)	175	1	505950 180150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (NW)	236	1	505800 180500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	236	1	505850 180150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (W)	255	1	505750 180250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (SE)	285	1	506200 180050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (S)	306	1	506000 180000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (SE)	331	1	506200 180000
1	Discharge Consents Operator: Airoil Burner Co (Gb) Ltd, Bedford Row, London Property Type: Undefined Or Other Location: Bentinck House, Bentinck Road, West Drayton, Middx Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctrr.1636 Permit Version: 1 Effective Date: 7th November 1979 Issued Date: 7th November 1979 Revocation Date: 22nd February 1990 Discharge Type: Trade Discharges - Cooling Water Discharge Environment: Freshwater Stream/River Receiving Water: Grand Unioncanal Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A13NW (W)	190	2	505800 180400
2	Discharge Consents Operator: Middlesex Oil & Chemical Works Ltd Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Factory Premises, Tavistock Road, West Drayton, Middx Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctcp.0411 Permit Version: 1 Effective Date: 23rd July 1964 Issued Date: 23rd July 1964 Revocation Date: 27th June 1991 Discharge Type: Trade Discharges - Cooling Water Discharge Environment: Freshwater Stream/River Receiving Water: Grand Unioncanal Status: Authorisation revokedRevoked Positional Accuracy: Manually corrected supplier location	A13SW (SW)	243	2	505900 180100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Wimpey Homes Holdings Ltd. Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Tavistock Mews, Trout Road, Yiewsley, Hillingdon, Middlesex Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.0510 Permit Version: 1 Effective Date: 6th January 1986 Issued Date: 6th January 1986 Revocation Date: 11th March 1992 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Fray'S River Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A13SW (W)	288	2	505700 180300
5	Discharge Consents Operator: Valentine Varnish & Lacquer Co. Ltd. Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Colham Mill Road, West Drayton, Middlesex, Ub7 7as Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.0163 Permit Version: 1 Effective Date: 3rd September 1985 Issued Date: 3rd September 1985 Revocation Date: 30th January 1990 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Frays Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	307	2	505800 180100
6	Discharge Consents Operator: F & R Amigo Containers Ltd Property Type: WAREHOUSING + SUPPORT ACTIVITIES FOR TRANSPORTATION Location: Onslow Mills, Trout Road, West Drayton, Middx Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctrc.1581 Permit Version: 1 Effective Date: 24th January 1979 Issued Date: 24th January 1979 Revocation Date: 18th December 1990 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	320	2	505700 180500
7	Discharge Consents Operator: English Property Type: MINING OF COAL + LIGNITE Location: West Drayton Coal Depot, Tavistock Road, West Drayton, Middlesex Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTM.0926 Permit Version: 1 Effective Date: 30th June 1993 Issued Date: 30th June 1993 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Frays Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	322	2	505700 180200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Discharge Consents Operator: Astor Stag Ltd. Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Astor Chemical Ltd, Tavistock Road, West Drayton, Middlesex, Ub7 7ra Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: Cntw.1042 Permit Version: 1 Effective Date: 5th June 1991 Issued Date: 5th June 1991 Revocation Date: 26th November 1996 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	538	2	505670 180800
9	Discharge Consents Operator: Astor Stag Ltd. Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Factory Premises, Tavistock Road, West Drayton, Middx Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: Ctr.1684 Permit Version: 1 Effective Date: 25th September 1980 Issued Date: 25th September 1980 Revocation Date: 4th June 1991 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	584	2	505600 180800
10	Discharge Consents Operator: Postgate Ltd Property Type: Undefined Or Other Location: Yiewsley Grange, Yiewsley High Street, Yiewsley, Middx Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.0735 Permit Version: 1 Effective Date: 10th March 1986 Issued Date: 10th March 1986 Revocation Date: 10th June 1992 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Pinn Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A18SW (N)	653	2	505800 181000
11	Discharge Consents Operator: John Guest (Southern) Ltd Property Type: Undefined Or Other Location: Factory Premises, Horton Bridgeroad, West Drayton, Middx Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctr.1554 Permit Version: 1 Effective Date: 26th April 1978 Issued Date: 26th April 1978 Revocation Date: 27th May 1992 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	699	2	506700 180000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Pippins Close, West Draytonpippins Closewest Drayton Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.1706 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: Fray'S River Status: Temporary Consents (Water Act 1989, Section 113) Positional Accuracy: Located by supplier to within 100m	A8SW (S)	904	2	506000 179400
15	Discharge Consents Operator: Drinkwater Sabey Ltd Property Type: WASTE COLLECTION/TREATMENT/DISPOSAL/MATERIALS RECOVERY Location: Thorney Weir, Iver, Buckinghamshire Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.0854 Permit Version: 1 Effective Date: 2nd May 1986 Issued Date: 2nd May 1986 Revocation Date: 27th January 1987 Discharge Type: Miscellaneous Discharges - Mine / Groundwater As Raised Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Ofriver Colne Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	905	2	505200 179900
16	Discharge Consents Operator: Durkan Brothers Ltd Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Frays Nursery, Money Lane, Westdrayton, London Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.0771 Permit Version: 1 Effective Date: 3rd April 1986 Issued Date: 3rd April 1986 Revocation Date: 27th June 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Fray'S River Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	914	2	505580 179510
17	Discharge Consents Operator: Durkan Brothers Ltd Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Frays Nursery, Money Lane, Westdrayton, London Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.0772 Permit Version: 1 Effective Date: 3rd April 1986 Issued Date: 3rd April 1986 Revocation Date: 27th June 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Fray'S River Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	980	2	505570 179440
18	Prosecutions Relating to Controlled Waters Location: Egglesey Farm, Harmondsworth, WEST DRAYTON, Middlesex, UB7 Prosecution Text: Environment Times Apr-Aug 1997 (Case 2 of 2), Polluting River Wray with silt whilst pumping water into the river for which they had a consent. Prosecution Act: WRA91 Hearing Date: 29th July 1997 Verdict: Guilty Fine: 2500 Cost: 390 Positional Accuracy: Manually positioned within the geographical locality	A12NE (W)	398	2	505590 180412

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	Local Authority Pollution Prevention and Controls Name: R & J Dry Cleaners Location: 148 High Street, West Drayton, Ub7 7bd Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/DC/005 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A13NW (N)	219	3	506034 180598
22	Local Authority Pollution Prevention and Controls Name: Swan Motors Location: Trout Road, WEST DRAYTON, Middlesex, UB7 7TG Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: Epa/B3/19/V1/P1 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorised Positional Accuracy: Automatically positioned to the address	A13NW (NW)	255	3	505890 180607
23	Local Authority Pollution Prevention and Controls Name: Celtic Energy West Drayton Location: West Drayton Coal Depot, Tavistock Road, WEST DRAYTON, Middlesex, UB7 7SH Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: B2/05 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG3/5 Coal, coke and coal product processes Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location	A13SW (W)	261	3	505740 180258
24	Local Authority Pollution Prevention and Controls Name: Astor Stag Ltd Location: Tavistock Road, WEST DRAYTON, Middlesex, UB7 7RA Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: B3/12 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/29 Di-isocyanate processes Status: Authorised Positional Accuracy: Automatically positioned to the address	A13NW (W)	296	3	505713 180473
24	Local Authority Pollution Prevention and Controls Name: Astor Stag Ltd Location: Tavistock Road, WEST DRAYTON, Middlesex, UB7 7RA Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: B3/13 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Authorised Positional Accuracy: Automatically positioned to the address	A13NW (NW)	296	3	505718 180483
25	Local Authority Pollution Prevention and Controls Name: Rosies Dry Cleaners Location: 38 Station Road, West Drayton, Ub7 7dd Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/DC/008 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A8NW (S)	363	3	506020 179941
26	Local Authority Pollution Prevention and Controls Name: Totalfinaelf Location: Falling Lane, Yiewsley, WEST DRAYTON, Middlesex, UB7 8BE Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A18SW (N)	376	3	505962 180754

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Chemicals - Unknown Note: Confirmed As A Pollution Incident Incident Date: 17th January 1990 Incident Reference: N1900020 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)	24	2	506000 180300
33	Pollution Incidents to Controlled Waters Property Type: Not Given Location: YIEWSLEY Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 2nd February 1993 Incident Reference: N1930030 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)	28	2	506000 180295
34	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Trout Road, YIEWSLEY Authority: Environment Agency, Thames Region Pollutant: Unknown Note: Not Supplied Incident Date: 18th March 1996 Incident Reference: N1960129 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	236	2	505800 180500
35	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Addlestone Road, WEYBRIDGE Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Other Note: Not Supplied Incident Date: Not Supplied Incident Reference: S1960084 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Unknown	A8NW (S)	305	2	506001 180001
36	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Rear Of 27 Frays Avenue Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 20th February 1989 Incident Reference: N1890085 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	A13NW (NW)	320	2	505700 180500
37	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 9th March 1995 Incident Reference: N1950114 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	377	2	505700 180600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 19th August 1993 Incident Reference: N1930274 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	A14SW (SE)	475	2	506500 180100
44	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Tavistock Avenue, WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 14th May 1997 Incident Reference: THN11997032171 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (W)	507	2	505500 180200
45	Pollution Incidents to Controlled Waters Property Type: Not Given Location: High Road, YIEWSLEY Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 14th December 1993 Incident Reference: N1930379 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	A18SW (NW)	516	2	505700 180795
46	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 3rd February 1993 Incident Reference: N1930033 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)	517	2	505600 180700
47	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 27th January 1993 Incident Reference: N1930023 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	A14SW (SE)	567	2	506600 180100
48	Pollution Incidents to Controlled Waters Property Type: Not Given Location: High Road, COWLEY Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 14th November 1994 Incident Reference: N1940375 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	A18SW (NW)	596	2	505705 180895

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 11th September 1992 Incident Reference: N1920484 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	A9NW (SE)	699	2	506701 180001
52	Pollution Incidents to Controlled Waters Property Type: Not Given Location: UXBRIDGE Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 29th May 1992 Incident Reference: N1920323 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	A9NW (SE)	803	2	506600 179700
53	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 14th June 1990 Incident Reference: N1900319 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	A9NE (SE)	833	2	506800 179900
53	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Rigby Lane, WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 27th October 1990 Incident Reference: N1900595 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	A9NE (SE)	836	2	506800 179895
54	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 30th November 1994 Incident Reference: N1940386 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 (W)	858	2	505201 180001
55	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 25th February 1993 Incident Reference: N1930070 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 (SE)	922	2	506900 179900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Frays GQA Grade: River Quality B Reach: Pinn - Colne Estimated Distance 2 (km): Flow Rate: Flow less than 2.5 cumecs Flow Type: River Year: 2000	A12NE (W)	451	2	505566 180521
	River Quality Name: Pinn GQA Grade: River Quality E Reach: Cannon Bk - Frays Estimated Distance 9.5 (km): Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A17SE (NW)	570	2	505654 180829
	River Quality Name: Guc (Slough Arm) GQA Grade: River Quality E Reach: Source - Guc (Cowley Reach) Estimated Distance 7 (km): Flow Rate: Flow greater than 80 cumecs Flow Type: Canal Year: 2000	A17SE (NW)	712	2	505560 180935
	River Quality Name: Colne GQA Grade: River Quality A Reach: Misbourne - Thames Estimated Distance 18 (km): Flow Rate: Flow less than 2.5 cumecs Flow Type: River Year: 2000	A7NE (SW)	824	2	505484 179687
61	River Quality Biology Sampling Points Name: Frays River Reach: Pinn To Colne Estimated Distance: 2.00 Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Biology GQA Grade B - Good 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	A12NE (NW)	446	2	505600 180580

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	Water Abstractions Operator: British Waterways Licence Number: 28/39/28/0352 Permit Version: Not Supplied Location: Middx Oil & Chemical Works Authority: Environment Agency, Thames Region Abstraction: Cooling Abstraction Type: Not Supplied Source: River/Stream Intake Daily Rate (m3): 455 Yearly Rate (m3): 157291 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	520	2	505700 180800
	Water Abstractions Operator: Grundon Leisure Limited Licence Number: 28/39/28/0510 Permit Version: 100 Location: Colne Brook At Thorney Farm, Iver Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 182 Yearly Rate (m3): 27277 Details: Thorney Farm, Iver, Bucks Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 30th June 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6NE (W)	1361	2	504700 179900
	Water Abstractions Operator: Prologis Uk Cccix Sarl Licence Number: Th/039/0036/004 Permit Version: 3 Location: Stockley Park (Phase 3)- Borehole A Authority: Environment Agency, Thames Region Abstraction: Business Parks: 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: Lands At Stockley Park, Uxbridge Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 28th July 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15SE (E)	1382	2	507460 180230
	Water Abstractions Operator: Horton Road Limited Licence Number: Th/039/0036/004 Permit Version: 2 Location: Stockley Park (Phase 3)- Borehole A Authority: Environment Agency, Thames Region Abstraction: Business Parks: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Lands At Stockley Park, Uxbridge Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th September 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15SE (E)	1382	2	507460 180230

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Stockley Park Golf Club Limited Licence Number: Th/039/0036/012 Permit Version: 1 Location: Stockley Park , Uxbridge (Borehole) Authority: Environment Agency, Thames Region Abstraction: Golf courses: General Washing/Process Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Stockley Park, Uxbridge, Middlesex Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (E)	1495	2	507580 180410
	Water Abstractions Operator: Stockley Park Golf Club Limited Licence Number: Th/039/0036/012 Permit Version: 1 Location: Stockley Park , Uxbridge (Borehole) Authority: Environment Agency, Thames Region Abstraction: Golf Courses: 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: Stockley Park, Uxbridge, Middlesex Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (E)	1495	2	507580 180410
	Water Abstractions Operator: Stockley Park Golf Limited Licence Number: 28/39/36/0069 Permit Version: 1 Location: Stockley Park , Uxbridge (Borehole) Authority: Environment Agency, Thames Region Abstraction: Golf courses: General Washing/Process Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Stockley Park, Uxbridge, Middlesex Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 5th November 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (E)	1495	2	507580 180410
	Water Abstractions Operator: Stockley Park Golf Limited Licence Number: 28/39/36/0069 Permit Version: 1 Location: Stockley Park , Uxbridge (Borehole) Authority: Environment Agency, Thames Region Abstraction: Golf Courses: 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: Stockley Park, Uxbridge, Middlesex Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 5th November 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (E)	1495	2	507580 180410

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Canal And River Trust Licence Number: 28/39/36/0038 Permit Version: 102 Location: Grand Union Canal At Stockley Road, West Drayton. Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Process Water Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Stockley Road, West Drayton, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th December 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1748	2	507770 179890
	Water Abstractions Operator: British Waterways Board Licence Number: 28/39/36/0038 Permit Version: 101 Location: Grand Union Canal At Stockley Road, West Drayton. Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Process Water Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Stockley Road, West Drayton, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th October 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1748	2	507770 179890
	Water Abstractions Operator: Hillingdon Hospital Nhs Trust Licence Number: 28/39/28/0513 Permit Version: 103 Location: Hillingdon Hospital- Borehole Authority: Environment Agency, Thames Region Abstraction: Hospitals: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hillingdon Hospital, Pield Heath Road , Hillingdon, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st October 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24NE (NE)	1762	2	506910 181930
	Water Abstractions Operator: Hillingdon Hospital Nhs Trust Licence Number: 28/39/28/0513 Permit Version: 102 Location: Borehole B At Hillingdon Hospital, Hillingdon Authority: Environment Agency, Thames Region Abstraction: Hospitals: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hillingdon Hospital, Pied Heath Rd, Hillingdon Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24NE (NE)	1762	2	506910 181930

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Hillingdon Hospital Nhs Trust Licence Number: 28/39/28/0513 Permit Version: 103 Location: Hillingdon Hospital - Borehole Authority: Environment Agency, Thames Region Abstraction: Hospitals: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hillingdon Hospital, Pield Heath Road, Hillingdon, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st October 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NE)	1985	2	506950 182160
	Water Abstractions Operator: Hillingdon Hospital Nhs Trust Licence Number: 28/39/28/0513 Permit Version: 102 Location: Borehole A At Hillingdon Hospital, Hillingdon Authority: Environment Agency, Thames Region Abstraction: Hospitals: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hillingdon Hospital, Pied Heath Rd, Hillingdon Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NE)	1985	2	506950 182160
	Water Abstractions Operator: Hillingdon Hospital Nhs Trust Licence Number: 28/39/28/0513 Permit Version: 101 Location: Borehole A At Hillingdon Hospital, Hillingdon Authority: Environment Agency, Thames Region Abstraction: Hospitals: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1000 Yearly Rate (m3): 200000 Details: Hillingdon Hospital, Pied Heath Rd, Hillingdon Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 4th May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NE)	1985	2	506950 182160
66	Water Industry Act Referrals Name: Rr Sidwell Ltd Location: RR SIDWELL LTD, HORTON CLOSE, HORTON CLOSE, WEST DRAYTON, MIDDLESEX, UB7 8EB Authority: Environment Agency, Thames Region Permit Reference: AR7629 Dated: 26th May 1995 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application received by the EA but is not yet authorisedNot Yet Authorised Positional Accuracy: Located by supplier to within 100m	A14SE (E)	931	2	507000 180200
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 39 West London Scale: 1:100,000	A13NE (W)	0	2	506039 180346
	Drift Deposits Drift Deposit: Low permeability drift deposits occurring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 39 West London Scale: 1:100,000	A13NE (W)	0	2	506039 180346

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 137.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A12NE (W)	380	4	505616 180446
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	381	4	505613 180441
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	384	4	505609 180437
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 2	A13SW (SW)	384	4	505785 180009
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 91.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A13SW (SW)	384	4	505785 180009
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 147.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 2	A13SW (SW)	395	4	505772 180006
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (S)	429	4	505871 179907
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	432	4	505553 180393
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 2	A8NW (SW)	447	4	505808 179918

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A8NW (SW)	488	4	505817 179867
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Pinn Catchment Name: Thames Primacy: 2	A12NE (NW)	491	4	505576 180626
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 343.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Pinn Catchment Name: Thames Primacy: 1	A12NE (NW)	491	4	505576 180626
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 112.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	496	4	505488 180356
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 426.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	496	4	505488 180356
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Pinn Catchment Name: Thames Primacy: 2	A12NE (NW)	499	4	505556 180608
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 366.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A12NE (NW)	501	4	505551 180605
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (SW)	511	4	505599 180015
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 68.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NE (SW)	528	4	505634 179954

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 131.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 2	A8NW (SW)	543	4	505803 179813
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	566	4	505431 180475
111	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: 2	A12NE (W)	567	4	505428 180466
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	569	4	505430 180481
113	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: 2	A12NE (W)	580	4	505416 180474
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A12NE (W)	580	4	505416 180474
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	581	4	505416 180477
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 455.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	586	4	505414 180490
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 171.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	590	4	505414 180507

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
127	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 135.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Grand Union Canal Catchment Name: Thames Primacy: 1	A17SE (NW)	723	4	505565 180953
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SW (SW)	749	4	505735 179618
129	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 41.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Grand Union Canal Catchment Name: Thames Primacy: 1	A17SE (NW)	785	4	505436 180919
130	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 48.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SE (NW)	785	4	505436 180919
131	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 97.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Grand Union Canal Catchment Name: Thames Primacy: 1	A17SE (NW)	801	4	505399 180903
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 236.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bigley Ditch Catchment Name: Thames Primacy: 2	A7NW (SW)	804	4	505331 179883
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SW (SW)	806	4	505709 179567
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bigley Ditch Catchment Name: Thames Primacy: 2	A12SW (W)	825	4	505227 180023
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bigley Ditch Catchment Name: Thames Primacy: 1	A12SW (W)	825	4	505194 180111

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 273.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A17SW (NW)	867	4	505294 180878
146	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 258.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Grand Union Canal Catchment Name: Thames Primacy: 1	A17SW (NW)	869	4	505285 180869
147	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 71.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bigley Ditch Catchment Name: Thames Primacy: 2	A12SW (W)	871	4	505143 180123
148	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bigley Ditch Catchment Name: Thames Primacy: 2	A7NE (SW)	884	4	505361 179724
149	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 532.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bigley Ditch Catchment Name: Thames Primacy: 2	A7NW (SW)	895	4	505350 179720
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 374.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A7NW (SW)	935	4	505195 179849
151	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A12SW (W)	935	4	505068 180159
152	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bigley Ditch Catchment Name: Thames Primacy: 2	A12SW (W)	941	4	505072 180121
153	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A12SW (W)	949	4	505064 180120

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
160	BGS Recorded Landfill Sites Site Name: Goodman Price Location: Gravel Pit, Thorney Mill Lane, Bucks 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	A7NW (SW)	877	-	505313 179787
161	BGS Recorded Landfill Sites Site Name: Stockley Road Tip Location: LONDON, SE11 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: Moderate	A19SE (NE)	935	-	506948 180735
162	Historical Landfill Sites Licence Holder: S W Boyer Location: Yiewsley, Hillingdon, London Name: Trout Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11193 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5510/0015 BGS Ref: Not Supplied Other Ref: 8HI050, HIL058	A12SE (W)	370	2	505618 180298
163	Historical Landfill Sites Licence Holder: S W Boyer - Grand Junction Canal Company Location: Yiewsley, Hillingdon, London Name: The Lizzards Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11177 First Input Date: 31st December 1960 Last Input Date: 31st December 1970 Specified Waste: Deposited Waste included Industrial, Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5510/0014 BGS Ref: Not Supplied Other Ref: 8HI051, HIL059	A12NE (W)	584	2	505416 180489
164	Historical Landfill Sites Licence Holder: British Waterways Board Location: Yiewsley, Hillingdon, London Name: British Waterways Site Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11327 First Input Date: 31st December 1890 Last Input Date: 31st December 1996 Specified Waste: Deposited Waste included Inert, Industrial, Commercial and Household Waste, and Liquid Sludge Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5510/0036 BGS Ref: Not Supplied Other Ref: 8HI036, HIL043	A17SE (NW)	740	2	505544 180958

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
170	Historical Landfill Sites Licence Holder: Yiewsley and West Drayton Council Location: Yiewsley, Hillingdon, London Name: Stockley Trident Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11333 First Input Date: 31st December 1928 Last Input Date: 2nd August 1993 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5510/0017 BGS Ref: Not Supplied Other Ref: DL325, 8HI047, HIL56B	A15SW (E)	990	2	507062 180209
171	Licensed Waste Management Facilities (Locations) Licence Number: 104761 Location: Yiewsley Rail Sidings, Tavistock Road, West Drayton, Middlesex, UB7 7RD Operator Name: Powerday Plc Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Non-hazardous & hazardous HWA Site Licence Status: Modified Issued: 3rd December 2012 Last Modified: 21st March 2018 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SE (W)	430	2	505568 180242
172	Licensed Waste Management Facilities (Locations) Licence Number: 80420 Location: Trout Lane, Yiewsley, West Drayton, Middlesex, UB7 7XE Operator Name: Envirowayste (London) Ltd Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Expired Issued: 29th November 1999 Last Modified: 20th February 2012 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	883	2	505219 180794
172	Licensed Waste Management Facilities (Locations) Licence Number: 404012 Location: Trout Road, Yiewsley, West Drayton, Greater London, UB7 7SN Operator Name: Recycling With Skips Limited Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: HCI Waste TS + treatment Licence Status: Issued Issued: 5th March 2018 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	A17SW (NW)	897	2	505221 180825
	Local Authority Landfill Coverage Name: London Borough of Hillingdon - Has not been able to supply Landfill data		0	3	506039 180346
	Local Authority Landfill Coverage Name: Buckinghamshire County Council - Has supplied landfill data		800	5	505335 179884
	Local Authority Landfill Coverage Name: South Buckinghamshire District Council - Has supplied landfill data		800	6	505335 179884

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
189	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A13NE (E)	213	-	506299 180354
190	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1960	A8NW (SW)	418	-	505749 179996
191	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A12SE (W)	502	-	505510 180184
192	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A12SE (W)	554	-	505434 180280
193	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1960	A9NW (SE)	557	-	506529 179987
194	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A19SW (NE)	639	-	506514 180848
195	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1881	A14SE (E)	659	-	506718 180176
196	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1960	A14SE (E)	675	-	506737 180193
197	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1934	A12SE (SW)	689	-	505379 180023
198	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1881	A19SW (NE)	724	-	506466 180989
199	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1881	A14SE (E)	867	-	506948 180282
200	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1934	A7NW (SW)	895	-	505344 179727
201	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1960	A7NW (SW)	896	-	505285 179791
202	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A14SE (E)	900	-	506941 180070

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
205	Registered Waste Treatment or Disposal Sites Licence Holder: Sweeney Environmental Ltd Licence Reference: WML80420 Site Location: Trout Lane Depot, Yiewsley, WEST DRAYTON, Middlesex, UB7 7XE Operator Location: Trout Lane Depot, Yiewsley, WEST DRAYTON, Middlesex, UB7 7XE Authority: Environment Agency - Thames Region, North East Area Site Category: Transfer - with treatment Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 29th November 1999 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Quality: Good Authorised Waste Lwra Cat Bii General Scrap Metal Waste Lwra Cat. A Inert Waste Lwra Cat. Bi General Non-Putrescible Waste Maximum Storage Of Processed Concrete/Hardcore Maximum Storage Of Processed Soils Maximum Storage Of Waste Prohibited Waste Other Waste/Waste Not Otherwise Specified	A17SW (NW)	845	2	505255 180779

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Thames Group	A13NE (W)	0	1	506039 180346
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: no data Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: no data Concentration: Lead Concentration: <100 mg/kg Nickel: no data Concentration:	A13NW (W)	0	1	506000 180346
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: no data Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: no data Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: no data Concentration:	A13NW (N)	119	1	506000 180500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SW (SW)	284	1	505760 180178
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12SW (W)	839	1	505208 180034
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A7NW (SW)	848	1	505212 180000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A7NE (SW)	859	1	505453 179668

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
210	BGS Recorded Mineral Sites Site Name: Yiewsley Brickfields Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 19703 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Langley Silt Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	640	1	506665 180645
211	BGS Recorded Mineral Sites Site Name: Falling Lane Gravel Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 19707 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Lynch Hill Gravel Member, Maidenhead Formation (River Thames Gravel) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	684	1	506550 180875
212	BGS Recorded Mineral Sites Site Name: West Drayton Brickfield Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 19742 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Langley Silt Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	766	1	506630 179780
213	BGS Recorded Mineral Sites Site Name: Fray'S River Gravel Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 19754 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Lynch Hill Gravel Member, Maidenhead Formation (River Thames Gravel) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	768	1	505395 180845
214	BGS Recorded Mineral Sites Site Name: Cowley Peachey Brickfield Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 19751 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Langley Silt Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	814	1	505415 180940
215	BGS Recorded Mineral Sites Site Name: Yiewsley Gravel Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 19706 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Lynch Hill Gravel Member, Maidenhead Formation (River Thames Gravel) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	820	1	506400 181130

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
221	BGS Recorded Mineral Sites Site Name: West Drayton Gravel Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 245471 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Shepperton Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	938	1	505455 179564
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 506249, 180258 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 21.20 mg/kg Concentration: Cadmium Measured 0.80 mg/kg Concentration: Chromium Measured 75.60 mg/kg Concentration: Lead Measured 544.70 mg/kg Concentration: Nickel Measured 39.30 mg/kg Concentration:	A13SE (SE)	184	1	506249 180258
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 505730, 180268 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 16.40 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 67.80 mg/kg Concentration: Lead Measured 121.30 mg/kg Concentration: Nickel Measured 26.20 mg/kg Concentration:	A13SW (W)	267	1	505730 180268
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 506273, 180736 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 39.10 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 82.50 mg/kg Concentration: Lead Measured 692.20 mg/kg Concentration: Nickel Measured 46.70 mg/kg Concentration:	A18SE (NE)	409	1	506273 180736
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 505882, 180798 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 16.70 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 60.70 mg/kg Concentration: Lead Measured 163.80 mg/kg Concentration: Nickel Measured 22.30 mg/kg Concentration:	A18SW (N)	435	1	505882 180798

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 506666, 179791 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 10.30 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 49.60 mg/kg Concentration: Lead Measured 94.50 mg/kg Concentration: Nickel Measured 13.90 mg/kg Concentration:	A9NW (SE)	786	1	506666 179791
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 505363, 180835 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 29.30 mg/kg Concentration: Cadmium Measured 1.60 mg/kg Concentration: Chromium Measured 105.10 mg/kg Concentration: Lead Measured 789.40 mg/kg Concentration: Nickel Measured 55.60 mg/kg Concentration:	A17SE (NW)	786	1	505363 180835
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 505785, 181216 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 19.00 mg/kg Concentration: Cadmium Measured 0.50 mg/kg Concentration: Chromium Measured 65.00 mg/kg Concentration: Lead Measured 467.50 mg/kg Concentration: Nickel Measured 30.80 mg/kg Concentration:	A18NW (N)	864	1	505785 181216
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 506279, 181253 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 21.70 mg/kg Concentration: Cadmium Measured 0.90 mg/kg Concentration: Chromium Measured 76.00 mg/kg Concentration: Lead Measured 383.50 mg/kg Concentration: Nickel Measured 27.90 mg/kg Concentration:	A18NE (N)	901	1	506279 181253
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 505251, 179817 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 15.90 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 58.50 mg/kg Concentration: Lead Measured 164.90 mg/kg Concentration: Nickel Measured 48.10 mg/kg Concentration:	A7NW (SW)	907	1	505251 179817

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	49	1	505980 180284
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	199	1	505981 180114
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	506039 180346
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	7	1	506010 180311
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	49	1	505980 180284
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	231	1	505883 180127
	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	A13NE (W)	0	1	506039 180346
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	506039 180346

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
226	Contemporary Trade Directory Entries Name: Camair Location: Horton Parade, West Drayton, Middlesex, UB7 8EJ Classification: Air Compressors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	125	-	506123 180191
226	Contemporary Trade Directory Entries Name: Crystal Cleaning Co Location: Bignell House, Horton Parade, Horton Road, West Drayton, Middlesex, UB7 8EP Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	125	-	506123 180191
227	Contemporary Trade Directory Entries Name: Jet Priority Services Location: Bentinck Court, Bentinck Road, West Drayton, Middlesex, UB7 7RQ Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	80	-	505904 180358
227	Contemporary Trade Directory Entries Name: Storm Interface Location: Unit 14, Bentinck Court, Bentinck Road, West Drayton, Middlesex, UB7 7RQ Classification: Computer Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (W)	111	-	505874 180371
227	Contemporary Trade Directory Entries Name: Edwil Plastics Machinery Co Location: Unit 8, Bentinck Court, Bentinck Road, West Drayton, Middlesex, UB7 7RQ Classification: Plastics - Machinery & Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	111	-	505874 180371
227	Contemporary Trade Directory Entries Name: Motas Workshop Location: Unit 8, Bentinck Court, Bentinck Road, West Drayton, Middlesex, UB7 7RQ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	111	-	505874 180371
227	Contemporary Trade Directory Entries Name: T L Autos Location: Unit 11, Bentinck Court, Bentinck Road, West Drayton, Middlesex, UB7 7RQ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	131	-	505859 180392
228	Contemporary Trade Directory Entries Name: T I G I (Ireland) Ltd Location: Unit 1, Globe House, Bentinck Road, West Drayton, Middlesex, UB7 7RQ Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	87	-	505964 180247
228	Contemporary Trade Directory Entries Name: R J Caraco Location: Unit 9, Globe Court, Bentinck Road, West Drayton, Middlesex, UB7 7RQ Classification: Tool Design, Manufacturers & Makers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	87	-	505964 180247
229	Contemporary Trade Directory Entries Name: Wildcard Worldwide Location: 4b St. Stephens Rd, West Drayton, Middlesex, UB7 7RL Classification: Freight Forwarders Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NW (NW)	103	-	505978 180480
230	Contemporary Trade Directory Entries Name: Eltec Location: 18, St. Stephens Road, West Drayton, Middlesex, UB7 7RL Classification: Blast Cleaning Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	109	-	505919 180445

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
234	Contemporary Trade Directory Entries Name: Ace Photo Lab Location: 116, High Street, West Drayton, Middlesex, UB7 7BB Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	145	-	506065 180517
234	Contemporary Trade Directory Entries Name: Sweet Dreams Location: 116, High Street, West Drayton, Middlesex, UB7 7BB Classification: Bed & Mattress Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	145	-	506065 180517
235	Contemporary Trade Directory Entries Name: N G Engineering Solutions Limited Location: 9a, High Street, Yiewsley, West Drayton, Middlesex, UB7 7QG Classification: Air Conditioning & Refrigeration Contractors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	154	-	505992 180157
235	Contemporary Trade Directory Entries Name: Wash Vac & Tumble Location: 1, Tavistock Road, West Drayton, Middlesex, UB7 7QT Classification: Washing Machines - Servicing & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (S)	166	-	505983 180148
236	Contemporary Trade Directory Entries Name: M T Motors Location: High St, Yiewsley, West Drayton, Middlesex, UB7 7QL Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NE (N)	159	-	506035 180538
236	Contemporary Trade Directory Entries Name: Gasp Location: 123-125, High Street, Yiewsley, West Drayton, Middlesex, UB7 7QL Classification: Toiletries Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	169	-	506017 180550
236	Contemporary Trade Directory Entries Name: V F M Auto Sales Location: 123-125, High Street, Yiewsley, West Drayton, Middlesex, UB7 7QL Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	169	-	506017 180550
236	Contemporary Trade Directory Entries Name: Drayton Auto Techniks Location: 127a, High Street, Yiewsley, West Drayton, UB7 7QL Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (N)	174	-	505995 180554
236	Contemporary Trade Directory Entries Name: J & L Carpet Cleaning Services Location: 136, High Street, West Drayton, Middlesex, UB7 7BD Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	192	-	506047 180570
236	Contemporary Trade Directory Entries Name: Kim Agencies Location: 146, High Street, West Drayton, Middlesex, UB7 7BD Classification: Gas Appliances - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	213	-	506036 180592
237	Contemporary Trade Directory Entries Name: Unlimited Auto Service Location: 4b, St. Stephens Road, West Drayton, UB7 7RL Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	167	-	505955 180540
237	Contemporary Trade Directory Entries Name: Heathrow Shuttle Location: Unit 6a, Kirby Estate, Trout Road, West Drayton, UB7 7RU Classification: Bus & Coach Operators & Stations Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	168	-	505935 180533

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
240	Contemporary Trade Directory Entries Name: Raydale Car Centre Location: 30, Fairfield Road, West Drayton, Middlesex, UB7 8EX Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	214	-	506252 180508
240	Contemporary Trade Directory Entries Name: Grange Carriages Ltd Location: 30, Fairfield Road, West Drayton, Middlesex, UB7 8EX Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	214	-	506252 180508
241	Contemporary Trade Directory Entries Name: Comag Location: Tavistock Road, West Drayton, Middlesex, UB7 7QE Classification: Distribution Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	197	-	505858 180200
241	Contemporary Trade Directory Entries Name: Comag Location: Tavistock Road, West Drayton, Middlesex, UB7 7QE Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	197	-	505858 180200
241	Contemporary Trade Directory Entries Name: Connoisseur Magazine Location: Tavistock Road, West Drayton, Middlesex, UB7 7QE Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	197	-	505858 180200
241	Contemporary Trade Directory Entries Name: Cosmopolitan Magazine Location: Tavistock Road, West Drayton, Middlesex, UB7 7QE Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	197	-	505858 180200
241	Contemporary Trade Directory Entries Name: She Magazine Location: Tavistock Road, West Drayton, Middlesex, UB7 7QE Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	197	-	505858 180200
241	Contemporary Trade Directory Entries Name: Harpers & Queen Magazine Location: Tavistock Road, West Drayton, Middlesex, UB7 7QE Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	197	-	505858 180200
241	Contemporary Trade Directory Entries Name: H & T Salvage Repairs Location: Tavistock Works, Tavistock Road, West Drayton, UB7 7QX Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	198	-	505857 180200
241	Contemporary Trade Directory Entries Name: Chahal Dairy Ltd Location: Tavistock Rd, West Drayton, Middlesex, UB7 7QX Classification: Dairies Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SW (SW)	225	-	505852 180164
242	Contemporary Trade Directory Entries Name: Specialised Cargo Services Ltd Location: Fraxer Works, 71a, Colham Avenue, West Drayton, Middlesex, UB7 8EU Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	197	-	506264 180457
242	Contemporary Trade Directory Entries Name: Derek Geere Freight Ltd Location: Fraxer Works, 71a, Colham Avenue, West Drayton, Middlesex, UB7 8EU Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	197	-	506264 180457

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
244	Contemporary Trade Directory Entries Name: The West London Print Co Ltd Location: Unit 1, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	202	-	505871 180530
244	Contemporary Trade Directory Entries Name: Knowlton Plastics Location: Unit 3, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	202	-	505871 180530
244	Contemporary Trade Directory Entries Name: Chalfont Precision Engineering Location: Unit 43, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	202	-	505871 180530
244	Contemporary Trade Directory Entries Name: Bags Unlimited Location: Unit 17,19,Rainbow Ind Est,Trout Rd, West Drayton, Middlesex, UB7 7XT Classification: Bags, Belts & Accessories - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	202	-	505871 180530
244	Contemporary Trade Directory Entries Name: Feltham Hydraulic Supplies Location: Unit 2, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Hydraulic Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	202	-	505871 180530
244	Contemporary Trade Directory Entries Name: Glendale Pest Control Location: Unit 8B,Rainbow Ind Est, West Drayton, Middlesex, UB7 7XT Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	202	-	505871 180530
244	Contemporary Trade Directory Entries Name: My Repro Location: Unit 20, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	202	-	505871 180530
244	Contemporary Trade Directory Entries Name: Seamless Industries Location: Unit 8, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Metal Finishing Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	202	-	505871 180530
244	Contemporary Trade Directory Entries Name: Strobe Electrical Location: Unit 7, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	202	-	505871 180530
244	Contemporary Trade Directory Entries Name: Swiss Freight Ltd Location: Unit 28, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Freight Forwarders Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	202	-	505871 180530

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
249	Contemporary Trade Directory Entries Name: Transite Art Marketing Project Ltd Location: 1, Knowles Close, West Drayton, UB7 8LY Classification: Greeting Card Publishers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	241	-	506295 180215
250	Contemporary Trade Directory Entries Name: J & V Motor Co Location: 61 Fairfield Rd, West Drayton, Middlesex, UB7 8EZ Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	244	-	506266 180537
250	Contemporary Trade Directory Entries Name: Mikes Motors Location: 61 Fairfield Rd, West Drayton, Middlesex, UB7 8EZ Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	244	-	506266 180538
250	Contemporary Trade Directory Entries Name: Rapid Fit Location: 61a, Fairfield Road, West Drayton, UB7 8EZ Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (NE)	245	-	506267 180538
250	Contemporary Trade Directory Entries Name: Patersons Location: A, 61, Fairfield Road, West Drayton, Middlesex, UB7 8EZ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	245	-	506267 180538
251	Contemporary Trade Directory Entries Name: Matbry Ltd Location: Matbury Ltd, Kirby Estate, Trout Road, West Drayton, UB7 7RU Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	246	-	505880 180592
251	Contemporary Trade Directory Entries Name: Swan Motors Location: Trout Road, West Drayton, Middlesex, UB7 7TG Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	255	-	505890 180607
251	Contemporary Trade Directory Entries Name: Swan Motors Location: Trout Road, WEST DRAYTON, Middlesex, UB7 7TG Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	255	-	505890 180607
251	Contemporary Trade Directory Entries Name: G W Chapman & Sons Location: Caxton House, Trout Road, West Drayton, Middlesex, UB7 7TQ Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	261	-	505852 180591
251	Contemporary Trade Directory Entries Name: Tempur Uk Location: Caxton Point, Printing House Lane, Hayes, UB3 1AP Classification: Bed & Mattress Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	262	-	505851 180591
252	Contemporary Trade Directory Entries Name: A D G Plumbing & Heating Services Location: 30, Tavistock Road, West Drayton, Middlesex, UB7 7QZ Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (W)	253	-	505738 180290
253	Contemporary Trade Directory Entries Name: Thames Valley Vulcanising Services Location: Care Of Celtic Energy, Tavistock Rd, West Drayton, Middlesex, UB7 7QT Classification: Conveyors & Conveyor Belts Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SW (SW)	256	-	505763 180222

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
257	Contemporary Trade Directory Entries Name: Original Copy Centre Location: 12, Station Road, West Drayton, Middlesex, UB7 7BY Classification: Copying & Duplicating Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	290	-	505983 180020
257	Contemporary Trade Directory Entries Name: Original Copy Centre Location: 12, Station Road, West Drayton, Middlesex, UB7 7BY Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (S)	290	-	505983 180020
258	Contemporary Trade Directory Entries Name: Portable Air Conditioning Solutions Ltd Location: 10, Warwick Road, West Drayton, Middlesex, UB7 9BZ Classification: Air Conditioning Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	299	-	506129 180011
259	Contemporary Trade Directory Entries Name: Hpc Location: Unit 6, Onslow Mills, Trout Road, West Drayton, Middlesex, UB7 7RR Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	302	-	505774 180573
259	Contemporary Trade Directory Entries Name: Imposing Images Ltd Location: Unit 6, Onslow Mills, Trout Road, West Drayton, Middlesex, UB7 7RR Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	302	-	505774 180573
259	Contemporary Trade Directory Entries Name: Ridgeway Architectural Glazing Ltd Location: Unit 6, Onslow Mills, Trout Road, West Drayton, Middlesex, UB7 7RR Classification: Aluminium Fabricators Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	302	-	505774 180573
259	Contemporary Trade Directory Entries Name: Chips Away Location: Onslow Mills, Trout Road, West Drayton, UB7 7RR Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	306	-	505771 180576
259	Contemporary Trade Directory Entries Name: J S Auto Centre Location: Onslow Mills, Trout Road, West Drayton, UB7 7RR Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	306	-	505771 180576
259	Contemporary Trade Directory Entries Name: J'S M O T Station Location: Onslow Mills, Trout Road, West Drayton, UB7 7RR Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	306	-	505771 180576
260	Contemporary Trade Directory Entries Name: Olympic Pools Location: Yiewsley Swimming Pool, Otterfield Road, West Drayton, Middlesex, UB7 8PE Classification: Swimming Pool Contractors, Repairers & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	306	-	506144 180674
260	Contemporary Trade Directory Entries Name: I Q L Ltd Location: Yiewsley Swimming Pool, Otterfield Road, West Drayton, Middlesex, UB7 8PE Classification: Rubber & Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	306	-	506144 180674
261	Contemporary Trade Directory Entries Name: Pulse Developments (England) Ltd Location: Trout Road, West Drayton, Middlesex, UB7 7RN Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A13NW (NW)	308	-	505839 180640

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
268	Contemporary Trade Directory Entries Name: John Mills Office Equipment Ltd Location: 1 Broadway Pde, Station Rd, West Drayton, Middlesex, UB7 7DE Classification: Office Furniture & Equipment Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NE (S)	369	-	506062 179934
268	Contemporary Trade Directory Entries Name: Extra Cleaning Location: 6, Cherry Orchard, West Drayton, Middlesex, UB7 7JR Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	387	-	506117 179920
268	Contemporary Trade Directory Entries Name: Extra Cleaning Location: 6, Cherry Orchard, West Drayton, UB7 7JR Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	387	-	506117 179920
268	Contemporary Trade Directory Entries Name: Raison Hardware Ltd Location: 41, Station Road, West Drayton, Middlesex, UB7 7LN Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	399	-	506078 179905
268	Contemporary Trade Directory Entries Name: West Drayton Launderette Location: 59a-61a, Station Road, West Drayton, Middlesex, UB7 7LR Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	421	-	506100 179884
268	Contemporary Trade Directory Entries Name: J M S Generators Location: Station Parade, Station Road, West Drayton, Middlesex, UB7 7LR Classification: Generators - Sales & Service Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A8NE (S)	431	-	506109 179875
268	Contemporary Trade Directory Entries Name: M J Edwards Location: 63, Station Road, West Drayton, Middlesex, UB7 7LR Classification: Builders' Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	431	-	506109 179875
269	Contemporary Trade Directory Entries Name: Total Location: Falling La, West Drayton, Middlesex, UB7 8AA Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SW (N)	376	-	505962 180754
269	Contemporary Trade Directory Entries Name: Falling Lane Service Station Location: Falling La, West Drayton, Middlesex, UB7 8AA Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SW (N)	376	-	505962 180754
269	Contemporary Trade Directory Entries Name: F L C Location: Falling la, West Drayton, Middlesex, UB7 8AA Classification: Car Dealers - Used Status: Active Positional Accuracy: Manually positioned within the geographical locality	A18SW (N)	405	-	505968 180784
270	Contemporary Trade Directory Entries Name: J Norman Location: The Walnut Plant Yard, Trout Road, West Drayton, UB7 7RS Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	383	-	505601 180353
270	Contemporary Trade Directory Entries Name: Hillingdon Auto'S Location: The Walnuts, Trout Road, West Drayton, Middlesex, UB7 7RS Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	408	-	505576 180359

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
272	Contemporary Trade Directory Entries Name: Abc Cars Location: Meadow Cottage, Trout Road, West Drayton, Middlesex, UB7 7RT Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	417	-	505584 180471
272	Contemporary Trade Directory Entries Name: Immediate Pest Control Location: Meadow Cottage, Trout Road, West Drayton, Middlesex, UB7 7RT Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	417	-	505584 180471
272	Contemporary Trade Directory Entries Name: Heathrow Automotive Centre Location: Meadow Cottage, Trout Road, West Drayton, Middlesex, UB7 7RT Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	417	-	505584 180471
272	Contemporary Trade Directory Entries Name: Autobody Location: Unit 1, Trout Rd, West Drayton, Middlesex, UB7 7RT Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NE (W)	426	-	505565 180430
272	Contemporary Trade Directory Entries Name: New Look Autos Ltd Location: Yard 1a Trout Road, West Drayton, Middlesex, UB7 7SN Classification: Garage Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A12NE (W)	456	-	505536 180439
273	Contemporary Trade Directory Entries Name: Siebe Climate Controls Ltd Location: Chantry Works, Chantry Close, West Drayton, Middlesex, UB7 7SP Classification: Central Heating Supplies & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	431	-	505734 180714
274	Contemporary Trade Directory Entries Name: Incentive Forwarding Ltd Location: 21, Ferrers Avenue, West Drayton, UB7 7AA Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	447	-	505948 179866
275	Contemporary Trade Directory Entries Name: Glass Solutions Solagas Ltd Location: Unit 3-4, North Point Business Centre, Horton Road, West Drayton, Middlesex, UB7 8EQ Classification: Glass Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	457	-	506504 180159
275	Contemporary Trade Directory Entries Name: S G Express Location: Unit 4, North Point Business Centre, Horton Road, WEST DRAYTON, Middlesex, UB7 8EQ Classification: Glass Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	473	-	506511 180130
275	Contemporary Trade Directory Entries Name: Glass Solutions Location: Unit 4, North Point Business Centre, Horton Road, West Drayton, UB7 8EQ Classification: Glass Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	482	-	506521 180132
276	Contemporary Trade Directory Entries Name: Tom James (Uk) Ltd Location: Albany House, 71-79 Station Rd, West Drayton, Middlesex, UB7 7LT Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NE (S)	460	-	506153 179852

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
282	Contemporary Trade Directory Entries Name: Tony'S Scrapcar Recycling Location: 59, Admiralty Close, West Drayton, Middlesex, UB7 9NG Classification: Recycling Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	526	-	506503 180004
283	Contemporary Trade Directory Entries Name: D & B Crash Repairs Ltd Location: 217, High Street, Yiewsley, West Drayton, UB7 7GN Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (NW)	543	-	505714 180838
283	Contemporary Trade Directory Entries Name: D & B Crash Repairs Location: 217, High Street, Yiewsley, West Drayton, UB7 7GN Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (NW)	543	-	505714 180838
283	Contemporary Trade Directory Entries Name: D & B Crash Repairs Location: 217, High Street, Yiewsley, West Drayton, Middlesex, UB7 7GN Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SW (NW)	543	-	505715 180839
284	Contemporary Trade Directory Entries Name: Aero Cargo Uk Ltd Location: Horton Road, West Drayton, Middlesex, UB7 8JL Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	576	-	506612 180106
284	Contemporary Trade Directory Entries Name: Generation Location: Unit 8, Horton Road, West Drayton, UB7 8JL Classification: Scaffolding & Work Platforms Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	576	-	506612 180106
284	Contemporary Trade Directory Entries Name: Stockley Autocentre Ltd Location: Unit 9, Horton Road, West Drayton, Middlesex, UB7 8JL Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	576	-	506612 180106
285	Contemporary Trade Directory Entries Name: Almar Industrial Supplies Ltd Location: 54, Ferrers Avenue, West Drayton, Middlesex, UB7 7AB Classification: Vacuum Cleaners, Industrial & Commercial - Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	588	-	505840 179749
285	Contemporary Trade Directory Entries Name: At Your Disposal Location: 58, Ferrers Avenue, West Drayton, Middlesex, UB7 7AB Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	609	-	505832 179730
286	Contemporary Trade Directory Entries Name: John Guest Location: Unit 3, Horton Road, West Drayton, UB7 8JL Classification: Plastics - Injection Moulding Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	591	-	506652 180192
286	Contemporary Trade Directory Entries Name: John Guest Ltd Location: Horton Road, West Drayton, Middlesex, UB7 8JL Classification: Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	591	-	506652 180195

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
294	Contemporary Trade Directory Entries Name: Currys Pc World Location: Unit 2, Cowley Retail Park, High Road, Cowley, Uxbridge, UB8 2TE Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	680	-	505696 180986
294	Contemporary Trade Directory Entries Name: Currys Location: Unit 2, Cowley Retail Park, High Road, Cowley, Uxbridge, Middlesex, UB8 2TE Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	681	-	505696 180986
295	Contemporary Trade Directory Entries Name: U.K Insulation Supplies Ltd Location: Unit 5 Horton Rd, West Drayton, Middlesex, UB7 8HP Classification: Insulation Materials Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SE (E)	689	-	506766 180266
295	Contemporary Trade Directory Entries Name: Tamo Ltd Location: Crown Business Centre, 195, Horton Road, West Drayton, Middlesex, UB7 8HP Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	690	-	506767 180266
295	Contemporary Trade Directory Entries Name: Smart Shading Systems Location: Crown Business Centre, 195, Horton Road, West Drayton, Middlesex, UB7 8HP Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SE (E)	690	-	506767 180266
296	Contemporary Trade Directory Entries Name: K Controls Ltd Location: 2, Crown Way, West Drayton, Middlesex, UB7 8HZ Classification: Valve Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	701	-	506786 180336
296	Contemporary Trade Directory Entries Name: Ats Euromaster Ltd Location: 2, Crown Way, West Drayton, Middlesex, UB7 8HZ Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	701	-	506786 180336
297	Contemporary Trade Directory Entries Name: S Simmonds Brickwork Location: 47, Old Farm Road, West Drayton, Middlesex, UB7 7LE Classification: Brick Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	708	-	505792 179639
297	Contemporary Trade Directory Entries Name: Angels Cleaning & Ironing Services Location: 27, Old Farm Road, West Drayton, Middlesex, UB7 7LE Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	719	-	505834 179615
298	Contemporary Trade Directory Entries Name: C K Mobile Repairs Location: 99, Yew Avenue, West Drayton, Middlesex, UB7 8PD Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	721	-	506591 180887
299	Contemporary Trade Directory Entries Name: Aztec Electronics Location: 83, Newcombe Rise, West Drayton, Middlesex, UB7 8QF Classification: Electronic Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	733	-	506425 181023

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
303	Contemporary Trade Directory Entries Name: Buty & Logistics Ltd Location: 8, Crown Way, West Drayton, Middlesex, UB7 8HZ Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	763	-	506847 180317
303	Contemporary Trade Directory Entries Name: Mechanical Air Supplies Ltd Location: Crown Business Centre, 195, Horton Road, West Drayton, Middlesex, UB7 8HP Classification: Ventilators & Ventilation Systems Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SE (E)	766	-	506847 180288
303	Contemporary Trade Directory Entries Name: Systems Process Technology Ltd Location: Horton Rd, West Drayton, Middlesex, UB7 8JH Classification: Electronic Engineers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SE (E)	766	-	506848 180302
303	Contemporary Trade Directory Entries Name: Rapid International Forwarders Ltd Location: 9, Crown Way, West Drayton, Middlesex, UB7 8HZ Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	766	-	506848 180302
303	Contemporary Trade Directory Entries Name: Tesla Location: 197, Horton Road, West Drayton, UB7 8HP Classification: Car Customisation & Conversion Specialists Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	769	-	506848 180271
304	Contemporary Trade Directory Entries Name: Ssd Uk Ltd Location: Liddall Way, West Drayton, Middlesex, UB7 8PG Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14SE (E)	770	-	506828 180161
304	Contemporary Trade Directory Entries Name: Global Logistics Location: Unit 10, Liddall Way, West Drayton, Middlesex, UB7 8PG Classification: Distribution Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	800	-	506842 180089
304	Contemporary Trade Directory Entries Name: Action Global Forwarding Ltd Location: Unit 10, Liddall Way, West Drayton, Middlesex, UB7 8PG Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	800	-	506842 180089
304	Contemporary Trade Directory Entries Name: Service Point Uk Ltd Location: Unit 6, Liddall Way, West Drayton, Middlesex, UB7 8PG Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	804	-	506863 180163
304	Contemporary Trade Directory Entries Name: Derwent Freight Services Location: Unit 8/9, Liddall Way, West Drayton, Middlesex, UB7 8PG Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	804	-	506857 180131
304	Contemporary Trade Directory Entries Name: Parker Merchants Location: Unit 4, Horton Industrial Park, Horton Road, West Drayton, Middlesex, UB7 8JD Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	830	-	506872 180084

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
311	Contemporary Trade Directory Entries Name: Frays Motors Location: 53, Frays Avenue, West Drayton, Middlesex, UB7 7AG Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (SW)	845	-	505569 179597
312	Contemporary Trade Directory Entries Name: F & M Services Location: 2-4, Royal Lane, West Drayton, Middlesex, UB7 8DL Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	861	-	506680 180996
313	Contemporary Trade Directory Entries Name: Legrand Ltd Location: Unit 1,Zodiac Business Pk,High Rd, Cowley, Uxbridge, Middlesex, UB8 2GU Classification: Cable & Wire Equipment Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	863	-	505551 181114
313	Contemporary Trade Directory Entries Name: Wiremold Location: Unit 1,Zodiac Business Pk,High Rd, Cowley, Uxbridge, Middlesex, UB8 2GU Classification: Cable & Wire Equipment Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	863	-	505551 181114
314	Contemporary Trade Directory Entries Name: Gems Gems Location: 74, Hawthorne Crescent, West Drayton, Middlesex, UB7 9PB Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	864	-	506694 179706
315	Contemporary Trade Directory Entries Name: Abb Vetco Gray Ltd Location: Unit 5, Britannia Court, The Green, West Drayton, Middlesex, UB7 7PN Classification: Oil & Gas Exploration Supplies & Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	868	-	505962 179439
315	Contemporary Trade Directory Entries Name: Vetco Gray Location: Unit 5, Britannia Court, The Green, West Drayton, Middlesex, UB7 7PN Classification: Oil & Gas Exploration Supplies & Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	868	-	505962 179439
316	Contemporary Trade Directory Entries Name: P W F Motors Location: Unit 5c Horton Road Indust Est,Horton Rd, West Drayton, Middlesex, UB7 8JL Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14SE (E)	883	-	506945 180170
316	Contemporary Trade Directory Entries Name: Kazpac Packaging Ltd Location: Unit 10 Horton Industrial Park,Horton Road, West Drayton, Middlesex, UB7 8JD Classification: Packaging & Wrapping Equipment & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	891	-	506949 180149
316	Contemporary Trade Directory Entries Name: Hrowen Heathrow Bmw Location: Horton Ind Pk,Horton Rd, West Drayton, Middlesex, UB7 8JD Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14SE (E)	891	-	506949 180149
317	Contemporary Trade Directory Entries Name: Nissin Uk Ltd Location: Unit 5, Horton Industrial Park, Horton Road, West Drayton, UB7 8JD Classification: Freight Forwarders Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	885	-	506927 180078

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
323	Contemporary Trade Directory Entries Name: New Pro Foundries Location: Unit C, Horton Close, West Drayton, UB7 8EB Classification: Foundries Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	965	-	507033 180188
323	Contemporary Trade Directory Entries Name: Xicom Logistics Ltd Location: Unit 11, Horton Cl, West Drayton, Middlesex, UB7 8EB Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14SE (E)	968	-	507035 180182
323	Contemporary Trade Directory Entries Name: New Pro Foundries Location: Unit C, Horton Close, West Drayton, Middlesex, UB7 8EB Classification: Non-Ferrous Metals Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	968	-	507035 180182
323	Contemporary Trade Directory Entries Name: Asia Logistic Services Uk Ltd Location: Unit 5, Horton Close, West Drayton, UB7 8EB Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	970	-	507036 180181
323	Contemporary Trade Directory Entries Name: Andytruc Ltd Location: Unit 1, Horton Close, West Drayton, Middlesex, UB7 8EB Classification: Fork Lift Trucks Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	971	-	507041 180200
323	Contemporary Trade Directory Entries Name: A C F Auto Werks Location: Unit 1-2, Horton Close, West Drayton, Middlesex, UB7 8EB Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SE (E)	971	-	507041 180200
323	Contemporary Trade Directory Entries Name: Heathrow Coachworks Ltd Location: West Drayton, UB7 8EB Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	971	-	507041 180200
323	Contemporary Trade Directory Entries Name: Fir Tree Autocentre Location: Unit 4, Horton Close, West Drayton, UB7 8EB Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	971	-	507041 180200
323	Contemporary Trade Directory Entries Name: Ecotec Autogas Location: Unit 3, Horton Close, West Drayton, Middlesex, UB7 8EB Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (E)	979	-	507055 180236
323	Contemporary Trade Directory Entries Name: Ecotec Location: Unit 3, Horton Close, West Drayton, UB7 8EB Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (E)	979	-	507055 180236
323	Contemporary Trade Directory Entries Name: Blueridge Location: Unit 3, Horton Close, West Drayton, Middlesex, UB7 8EB Classification: Pharmaceutical Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (E)	979	-	507055 180236
324	Contemporary Trade Directory Entries Name: Cape Industrial Services Plc Location: Drayton Hall, Church Road, West Drayton, Middlesex, UB7 7PS Classification: Industrial Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (S)	935	-	506392 179427

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
327	Contemporary Trade Directory Entries Name: Plug & Socket Electrical Location: 28, The Green, West Drayton, Middlesex, UB7 7PQ Classification: Electricity Companies Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	949	-	505807 179384
327	Contemporary Trade Directory Entries Name: Preservation Co (Uk) Ltd Location: 28, The Green, West Drayton, UB7 7PQ Classification: Damp & Dry Rot Control Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	950	-	505807 179383
328	Contemporary Trade Directory Entries Name: Pro Autocraft Alloy Wheel Refurbishment Location: Chancerygate Industrial Centre, Horton Close, West Drayton, UB7 8EW Classification: Wheel Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	960	-	507003 180074
328	Contemporary Trade Directory Entries Name: A C S Autowerks Ltd Location: 2 Chancerygate Industrial Centre, Horton Close, West Drayton, UB7 8EW Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	966	-	507017 180105
328	Contemporary Trade Directory Entries Name: Beards Blinds & Awnings Ltd Location: Unit 4 Chancery Gate Ind Est, West Drayton, Middlesex, UB7 8EW Classification: Blinds, Awnings & Canopies Status: Active Positional Accuracy: Manually positioned to the address or location	A14SE (E)	984	-	507035 180104
328	Contemporary Trade Directory Entries Name: H S Beard & Sons Location: Chancerygate Ind Centre, Horton Cl, West Drayton, Middlesex, UB7 8EW Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SE (E)	985	-	507029 180074
328	Contemporary Trade Directory Entries Name: Smart Cells International Location: 7, Chancerygate Industrial Centre, Horton Close, West Drayton, Middlesex, UB7 8EW Classification: Medical & Dental Laboratories Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	987	-	507024 180048
329	Contemporary Trade Directory Entries Name: A E M Location: Unit 4B, Tomo Ind Est, Packet Boat La, Uxbridge, Middlesex, UB8 2JP Classification: Control Panels Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A17NE (NW)	975	-	505452 181182
329	Contemporary Trade Directory Entries Name: N B Aluminium Location: Unit 2s Tomo Industrial Estate, Packet Boat Lane, Uxbridge, Middlesex, UB8 2JP Classification: Aluminium Fabricators Status: Active Positional Accuracy: Manually positioned within the geographical locality	A17NE (NW)	988	-	505466 181208
329	Contemporary Trade Directory Entries Name: Airforms Ltd Location: Unit 1 Tomo Industrial Estate, Packet Boat Lane, Uxbridge, Middlesex, UB8 2JP Classification: Printers Status: Active Positional Accuracy: Manually positioned within the geographical locality	A17NE (NW)	988	-	505465 181207
329	Contemporary Trade Directory Entries Name: Grove Group Location: Unit E, Tomo Industrial Estate, Packet Boat Lane, Uxbridge, UB8 2JP Classification: Garage Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	990	-	505428 181184

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
335	Fuel Station Entries Name: West Drayton Service Station Location: 127-141, Station Road , , West Drayton, Outer London, UB7 7ND Brand: Texaco Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A8NE (S)	630	-	506296 179716
336	Points of Interest - Commercial Services Name: Beetles by Thingamies Location: St. Stephens Lodge, St. Stephens Road, West Drayton, UB7 7RL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	44	8	505953 180385
336	Points of Interest - Commercial Services Name: Beetles by Thingamies Location: St. Stephens Lodge, St. Stephens Road, West Drayton, UB7 7RL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	45	8	505953 180385
336	Points of Interest - Commercial Services Name: Motas Workshop Location: Unit 8 Bentinck Court, Bentinck Road, West Drayton, UB7 7RQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (W)	111	8	505874 180371
336	Points of Interest - Commercial Services Name: Motas Workshop Location: Unit 8 Bentinck Court, Bentinck Road, West Drayton, UB7 7RQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (W)	111	8	505874 180371
337	Points of Interest - Commercial Services Name: Unlimited Auto Service Location: 4b St. Stephens Road, West Drayton, UB7 7RL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	139	8	505952 180509
337	Points of Interest - Commercial Services Name: Jesel Motors Ltd Location: Unit 6 Kirby Estate, Trout Road, West Drayton, UB7 7RU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	176	8	505922 180535
337	Points of Interest - Commercial Services Name: Potn Location: Unit 30 Rainbow Industrial Estate, Trout Road, West Drayton, UB7 7XT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	202	8	505871 180530
337	Points of Interest - Commercial Services Name: Glendale Pest Control Location: Unit 8b, Rainbow Ind Est, West Drayton, Middlesex, UB7 7XT Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A13NW (NW)	202	8	505871 180530
337	Points of Interest - Commercial Services Name: Freight Systems UK Ltd Location: Unit 7 Rainbow Industrial Estate, Trout Road, West Drayton, UB7 7XT Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NW (NW)	202	8	505871 180530
337	Points of Interest - Commercial Services Name: Glendale Pest Control Location: Unit 8b Rainbow Industrial Estate, Trout Road, West Drayton, UB7 7XT Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A13NW (NW)	202	8	505871 180530
337	Points of Interest - Commercial Services Name: Xtreme Hydraulics Ltd Location: Unit 30 Rainbow Industrial Estate, Trout Road, West Drayton, UB7 7XT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	202	8	505871 180530

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
341	Points of Interest - Commercial Services Name: Specialised Cargo Services Ltd Location: Fraxer Works 71a, Colham Avenue, West Drayton, UB7 8EU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (NE)	197	8	506264 180457
341	Points of Interest - Commercial Services Name: Safier Location: Fraxer Works 71a, Colham Avenue, West Drayton, UB7 8EU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	197	8	506264 180457
341	Points of Interest - Commercial Services Name: Safier Ltd Location: Fraxer Works 71a, Colham Avenue, West Drayton, UB7 8EU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	197	8	506264 180457
341	Points of Interest - Commercial Services Name: Specialised Cargo Services Ltd Location: Fraxer Works 71a, Colham Avenue, West Drayton, UB7 8EU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (NE)	197	8	506264 180457
341	Points of Interest - Commercial Services Name: Popeys Transport Location: 65 Colham Avenue, West Drayton, UB7 8EU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (E)	204	8	506284 180424
341	Points of Interest - Commercial Services Name: Popeys Transport Location: 65 Colham Avenue, West Drayton, UB7 8EU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (E)	204	8	506284 180424
342	Points of Interest - Commercial Services Name: New Life Autos Location: Kitchener House, Warwick Road, West Drayton, UB7 9BS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (S)	261	8	506083 180044
342	Points of Interest - Commercial Services Name: Station & Car Wash Location: Kitchener House, Warwick Road, West Drayton, UB7 9BS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (S)	261	8	506083 180044
342	Points of Interest - Commercial Services Name: Bigs Wheels Mobile Service Location: Kitchener House, Warwick Road, West Drayton, UB7 9BS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (S)	261	8	506083 180044
342	Points of Interest - Commercial Services Name: Bigs Wheels Mobile Service Location: Unit 2, Kitchener House, Warwick Rd, West Drayton, Middlesex, UB7 9BS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (S)	262	8	506083 180043
343	Points of Interest - Commercial Services Name: M Finlayson Location: 20a Otterfield Road, West Drayton, UB7 8PE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	290	8	506251 180612
343	Points of Interest - Commercial Services Name: M Finlayson Location: 20a Otterfield Road, West Drayton, UB7 8PE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	290	8	506251 180612

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
348	Points of Interest - Commercial Services Name: J Norman Location: The Walnut Plant Yard, Trout Road, West Drayton, UB7 7RS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	409	8	505575 180359
348	Points of Interest - Commercial Services Name: I Atkins Ltd Location: Marshalls Yard, Trout Road, West Drayton, UB7 7RS Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12NE (W)	417	8	505567 180380
348	Points of Interest - Commercial Services Name: I Atkins Ltd Location: Marshalls Yard, Trout Road, West Drayton, UB7 7RS Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12NE (W)	417	8	505567 180380
348	Points of Interest - Commercial Services Name: Custom Werks Location: Marshalls Yard, Trout Road, West Drayton, UB7 7RS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	417	8	505567 180379
348	Points of Interest - Commercial Services Name: Fernley Transport Location: Marshalls Yard, Trout Road, West Drayton, UB7 7RS Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12NE (W)	417	8	505567 180379
349	Points of Interest - Commercial Services Name: Abc Cars Location: Meadow Cottage, Trout Road, West Drayton, UB7 7RT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	417	8	505584 180471
349	Points of Interest - Commercial Services Name: Immediate Pest Control Location: Meadow Cottage, Trout Road, West Drayton, UB7 7RT Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A12NE (W)	417	8	505584 180471
349	Points of Interest - Commercial Services Name: Autoservice Centre Location: Meadow Cottage, Trout Road, West Drayton, UB7 7RT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	417	8	505584 180471
349	Points of Interest - Commercial Services Name: Immediate Pest Control Location: Meadow Cottage, Trout Road, West Drayton, UB7 7RT Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A12NE (W)	417	8	505584 180471
349	Points of Interest - Commercial Services Name: Sole Trader Na Location: Meadow Cottage, Trout Road, West Drayton, UB7 7RT Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A12NE (W)	417	8	505584 180471
349	Points of Interest - Commercial Services Name: Heathrow Automotive Centre Location: Meadow Cottage, Trout Road, West Drayton, UB7 7RT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	418	8	505583 180471
349	Points of Interest - Commercial Services Name: Auto Service Centre Location: Meadow Cottage, Trout Road, West Drayton, UB7 7RT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	418	8	505583 180471

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
357	Points of Interest - Commercial Services Name: I Atkins Transport Services Ltd Location: 185 Whitethorn Avenue, West Drayton, UB7 8LD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SE (E)	630	8	506711 180297
358	Points of Interest - Commercial Services Name: Rts Textiles Recyclers Location: 127-133 Station Road, West Drayton, Middlesex, UB7 7ND Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A8NE (SE)	630	8	506309 179721
358	Points of Interest - Commercial Services Name: Asianic Logistics Ltd Location: 145a Station Road, West Drayton, UB7 7ND Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NE (S)	651	8	506309 179698
358	Points of Interest - Commercial Services Name: Motorcycle 7 Location: 145a Station Road, West Drayton, UB7 7ND Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	651	8	506309 179698
359	Points of Interest - Commercial Services Name: Def 2 Pest Location: 8 Poplar Avenue, West Drayton, UB7 8LF Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A19SW (NE)	636	8	506556 180801
360	Points of Interest - Commercial Services Name: Vince Location: Unit 3, Horton Bridge Road, West Drayton, UB7 8JR Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A14SE (E)	674	8	506734 180177
360	Points of Interest - Commercial Services Name: Vince Location: Unit 3-5, Horton Bridge Road, West Drayton, UB7 8JR Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A14SE (E)	674	8	506734 180177
360	Points of Interest - Commercial Services Name: Campbell McCleave Location: Unit 15, Liddall Way, West Drayton, UB7 8PG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SE (E)	742	8	506799 180156
360	Points of Interest - Commercial Services Name: Campbell McCleave Southern Region Ltd Location: Unit 15, Liddall Way, West Drayton, UB7 8PG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SE (E)	742	8	506799 180156
360	Points of Interest - Commercial Services Name: Robbins Motors Location: Unit 11-12, Liddall Way, West Drayton, UB7 8PG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	751	8	506792 180091
360	Points of Interest - Commercial Services Name: A Star Autoglazing Ltd Location: Unit 11-12, Liddall Way, West Drayton, UB7 8PG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	751	8	506792 180091
360	Points of Interest - Commercial Services Name: Newjas Europe Ltd Location: Unit 11-12, Liddall Way, West Drayton, UB7 8PG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SE (E)	751	8	506792 180091

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
365	Points of Interest - Commercial Services Name: Parker Merchenting Location: Unit 4 Horton Industrial Park, Horton Road, West Drayton, UB7 8JD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SE (E)	830	8	506872 180084
365	Points of Interest - Commercial Services Name: Yusen Air & Sea Service (UK) Ltd Location: Unit 3 Horton Industrial Park, Horton Road, West Drayton, UB7 8JD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SE (E)	831	8	506883 180129
365	Points of Interest - Commercial Services Name: Yusen Logistics Location: Unit 2-3 Horton Industrial Park, Horton Road, West Drayton, UB7 8JD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SE (E)	831	8	506883 180129
365	Points of Interest - Commercial Services Name: Nissin UK Ltd Location: Unit 5 Horton Industrial Park, Horton Road, West Drayton, UB7 8JD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SE (E)	885	8	506927 180078
365	Points of Interest - Commercial Services Name: Nissin UK Ltd Location: Unit 5 Horton Industrial Park, Horton Road, West Drayton, UB7 8JD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SE (E)	886	8	506928 180078
365	Points of Interest - Commercial Services Name: Nissin UK Ltd Location: Unit 5 Horton Industrial Park, Horton Road, West Drayton, UB7 8JD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SE (E)	886	8	506928 180078
365	Points of Interest - Commercial Services Name: Nissin UK Ltd Location: Unit 5 Horton Industrial Park, Horton Road, West Drayton, UB7 8JD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SE (E)	886	8	506928 180078
366	Points of Interest - Commercial Services Name: Mol Logistics UK Ltd Location: Aero House, Stone Close, West Drayton, UB7 8JU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NE (E)	838	8	506924 180381
366	Points of Interest - Commercial Services Name: M O L Logistics UK Ltd Location: Aero House, Stone Close, West Drayton, UB7 8JU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NE (E)	838	8	506924 180381
366	Points of Interest - Commercial Services Name: M O L Logistics Location: Aero House, Stone Close, West Drayton, UB7 8JU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NE (E)	838	8	506923 180380
366	Points of Interest - Commercial Services Name: Sipson Group Ltd Location: Stone Close, West Drayton, UB7 8JU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	914	8	506999 180360
366	Points of Interest - Commercial Services Name: Sipson Group Location: Stone Close, West Drayton, UB7 8JU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	914	8	506999 180359

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
370	Points of Interest - Commercial Services Name: A C F Auto Werks Location: Unit 1-2, Horton Close, West Drayton, UB7 8EB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	971	8	507041 180200
370	Points of Interest - Commercial Services Name: Acs Auto Werks Ltd Location: Unit 1-2, Horton Close, West Drayton, UB7 8EB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	971	8	507041 180200
370	Points of Interest - Commercial Services Name: Ecotec Autogas Location: Unit 3, Horton Close, West Drayton, UB7 8EB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15SW (E)	979	8	507055 180236
371	Points of Interest - Commercial Services Name: Pack & Go Location: Unit F Tomo Industrial Estate, Packet Boat Lane, Uxbridge, UB8 2JP Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17NE (NW)	990	8	505428 181184
371	Points of Interest - Commercial Services Name: Pack & Go Location: Unit F Tomo Industrial Estate, Packet Boat Lane, Uxbridge, UB8 2JP Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17NE (NW)	990	8	505428 181184
372	Points of Interest - Commercial Services Name: Valet Direct Location: 21 Heather Lane, West Drayton, UB7 8AL Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A19NW (N)	998	8	506415 181315
372	Points of Interest - Commercial Services Name: Simon Haulage Ltd Location: 19 Heather Lane, West Drayton, UB7 8AL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A19NW (N)	998	8	506415 181315
372	Points of Interest - Commercial Services Name: Valets Direct Com Location: 21 Heather Lane, West Drayton, UB7 8AL Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A19NW (N)	998	8	506415 181315
373	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	48	8	505977 180290
373	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	48	8	505978 180289
373	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	64	8	505978 180265
373	Points of Interest - Manufacturing and Production Name: Classique Granite Location: Unit 9 Globe Court, Bentinck Road, West Drayton, UB7 7RQ Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A13SW (SW)	87	8	505964 180247

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
375	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	179	8	506195 180176
375	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	179	8	506195 180175
376	Points of Interest - Manufacturing and Production Name: Hydrodragon London Ltd Location: 9 High Street, Yiewsley, West Drayton, UB7 7QG Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A13SW (S)	154	8	505992 180157
377	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	168	8	505956 180541
377	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	168	8	505956 180541
377	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	184	8	505919 180542
377	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	217	8	505930 180584
377	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	217	8	505930 180584
377	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	239	8	505870 180577
377	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	239	8	505871 180577
377	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	284	8	505894 180642
377	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	284	8	505894 180641

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
384	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SE (W)	354	8	505647 180243
384	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	408	8	505604 180202
385	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	352	8	505710 180573
385	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	352	8	505718 180583
386	Points of Interest - Manufacturing and Production Name: Tanks Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	413	8	505683 180637
386	Points of Interest - Manufacturing and Production Name: Tanks Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	414	8	505666 180618
386	Points of Interest - Manufacturing and Production Name: Tanks Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	441	8	505633 180620
386	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	463	8	505666 180694
386	Points of Interest - Manufacturing and Production Name: Tanks Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	499	8	505664 180743
387	Points of Interest - Manufacturing and Production Name: C E D Ltd Location: Trout Road, West Drayton, UB7 7RS Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A12NE (W)	440	8	505546 180395
387	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	441	8	505546 180405
387	Points of Interest - Manufacturing and Production Name: C E D Location: Trout Road, West Drayton, UB7 7RS Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A12NE (W)	441	8	505545 180394

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
391	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	586	8	506528 179938
391	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	595	8	506538 179935
392	Points of Interest - Manufacturing and Production Name: Tanks Location: UB8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	547	8	505640 180786
393	Points of Interest - Manufacturing and Production Name: Works Location: UB8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	603	8	505671 180882
393	Points of Interest - Manufacturing and Production Name: River Pinn Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	604	8	505671 180883
394	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	667	8	506723 180162
395	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SE (SE)	710	8	506731 180041
395	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SE (SE)	711	8	506731 180040
395	Points of Interest - Manufacturing and Production Name: M & R Ltd Location: Unit 11-12, Liddall Way, West Drayton, UB7 8PG Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A14SE (E)	751	8	506791 180090
395	Points of Interest - Manufacturing and Production Name: Yes Marble Ltd Location: Unit 12, Liddall Way, West Drayton, UB7 8PG Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A14SE (E)	751	8	506791 180090
396	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	771	8	506486 179655
397	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	791	8	506876 180339

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
401	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A15SW (E)	1000	8	507082 180295
402	Points of Interest - Public Infrastructure Name: Tesco Petrol Filling Station Location: 1a Fairfield Road, West Drayton, UB7 8EY Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NE (N)	126	8	506096 180498
403	Points of Interest - Public Infrastructure Name: Heathrow Shuttle Location: Unit 6a Kirby Estate, Trout Road, West Drayton, UB7 7RU Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A13NW (NW)	168	8	505935 180533
404	Points of Interest - Public Infrastructure Name: P H S Wastetech Location: Coal Yard, Tavistock Road, West Drayton, UB7 7QX Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A13SW (SW)	168	8	505921 180177
405	Points of Interest - Public Infrastructure Name: West Drayton Rail Station Location: Warwick Road, UB7 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A13SE (S)	220	8	506121 180090
405	Points of Interest - Public Infrastructure Name: West Drayton Station Location: Warwick Road, UB7 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A13SE (S)	220	8	506121 180090
406	Points of Interest - Public Infrastructure Name: R E G Location: Continental House 191, High Street, Yiewsley, West Drayton, UB7 7XW Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A18SW (N)	345	8	505900 180709
406	Points of Interest - Public Infrastructure Name: Falling Lane Service Station Location: Falling Lane, West Drayton, Middlesex, UB7 8AA Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18SW (N)	382	8	505960 180760
407	Points of Interest - Public Infrastructure Name: Weirs Location: UB7 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	391	8	505772 180010
408	Points of Interest - Public Infrastructure Name: T Powell & Son Location: The Old Coal Depot, Tavistock Road, West Drayton, UB7 7QT Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A12SE (SW)	401	8	505629 180165
409	Points of Interest - Public Infrastructure Name: Shell (UK) Ltd Location: 209 High Street, Yiewsley, West Drayton, UB7 7QP Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18SW (NW)	498	8	505798 180833
409	Points of Interest - Public Infrastructure Name: Shell Service Station Location: 209 High Street, Yiewsley, West Drayton, UB7 7QP Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18SW (NW)	508	8	505790 180840

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
416	Points of Interest - Public Infrastructure Name: Refuse Tip Location: UB7 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A17SW (W)	955	8	505087 180680
417	Points of Interest - Public Infrastructure Name: Graveyard Location: UB7 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	998	8	506472 179391
417	Points of Interest - Public Infrastructure Name: Graveyard Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	999	8	506472 179390
418	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	336	8	506116 180708
418	Points of Interest - Recreational and Environmental Name: Playground Location: UB7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	337	8	506117 180708
419	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	825	8	506848 180687
419	Points of Interest - Recreational and Environmental Name: Playground Location: Elm Grove, UB7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	825	8	506848 180687
420	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	968	8	505789 181324
420	Points of Interest - Recreational and Environmental Name: Playground Location: St Clement Close, UB8 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18NW (N)	984	8	505770 181336
421	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A3NE (S)	994	8	506121 179312
421	Points of Interest - Recreational and Environmental Name: Playground Location: Nr Pippins Close, UB7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A3NE (S)	994	8	506121 179312

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Spelthorne Borough Council - Environmental Health Department Royal Windsor and Maidenhead Unitary Council - Environmental Health Department Slough Borough Council - Environmental Protection London Borough of Hillingdon - Environmental Protection Unit London Borough of Hounslow - Contaminated Land Section London Borough of Ealing - Environmental Health and Trading Standards Division South Buckinghamshire District Council - Environmental Health Department	April 2014 August 2013 February 2018 March 2015 May 2014 October 2013 October 2014	Annual Rolling Update 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 2018	Quarterly
Enforcement and Prohibition Notices Environment Agency - Thames Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - Thames Region	October 2008	Variable
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	April 2018 April 2018 April 2018	Quarterly Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control London Borough of Hillingdon - Environmental Health Department Spelthorne Borough Council - Environmental Health Department London Borough of Hounslow - Environmental Health Department Royal Windsor and Maidenhead Unitary Council - Environmental Health Department London Borough of Ealing - Environmental Health and Trading Standards Division Slough Borough Council - Environmental Health Department South Buckinghamshire District Council - Environmental Health Department	August 2014 December 2014 February 2013 January 2015 July 2015 June 2014 September 2014	Variable Variable Variable Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls London Borough of Hillingdon - Environmental Health Department Spelthorne Borough Council - Environmental Health Department London Borough of Hounslow - Environmental Health Department Royal Windsor and Maidenhead Unitary Council - Environmental Health Department London Borough of Ealing - Environmental Health and Trading Standards Division Slough Borough Council - Environmental Health Department South Buckinghamshire District Council - Environmental Health Department	August 2014 December 2014 February 2013 January 2015 July 2015 June 2014 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements London Borough of Hillingdon - Environmental Health Department Spelthorne Borough Council - Environmental Health Department London Borough of Hounslow - Environmental Health Department Royal Windsor and Maidenhead Unitary Council - Environmental Health Department London Borough of Ealing - Environmental Health and Trading Standards Division Slough Borough Council - Environmental Health Department South Buckinghamshire District Council - Environmental Health Department	August 2014 December 2014 February 2013 January 2015 July 2015 June 2014 September 2014	Variable Variable Variable Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	September 2017	
Pollution Incidents to Controlled Waters Environment Agency - Thames Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Thames Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - Thames Region	March 2013	As notified
Registered Radioactive Substances Environment Agency - Thames Region	January 2015	
River Quality Environment Agency - Head Office	November 2001	Not Applicable

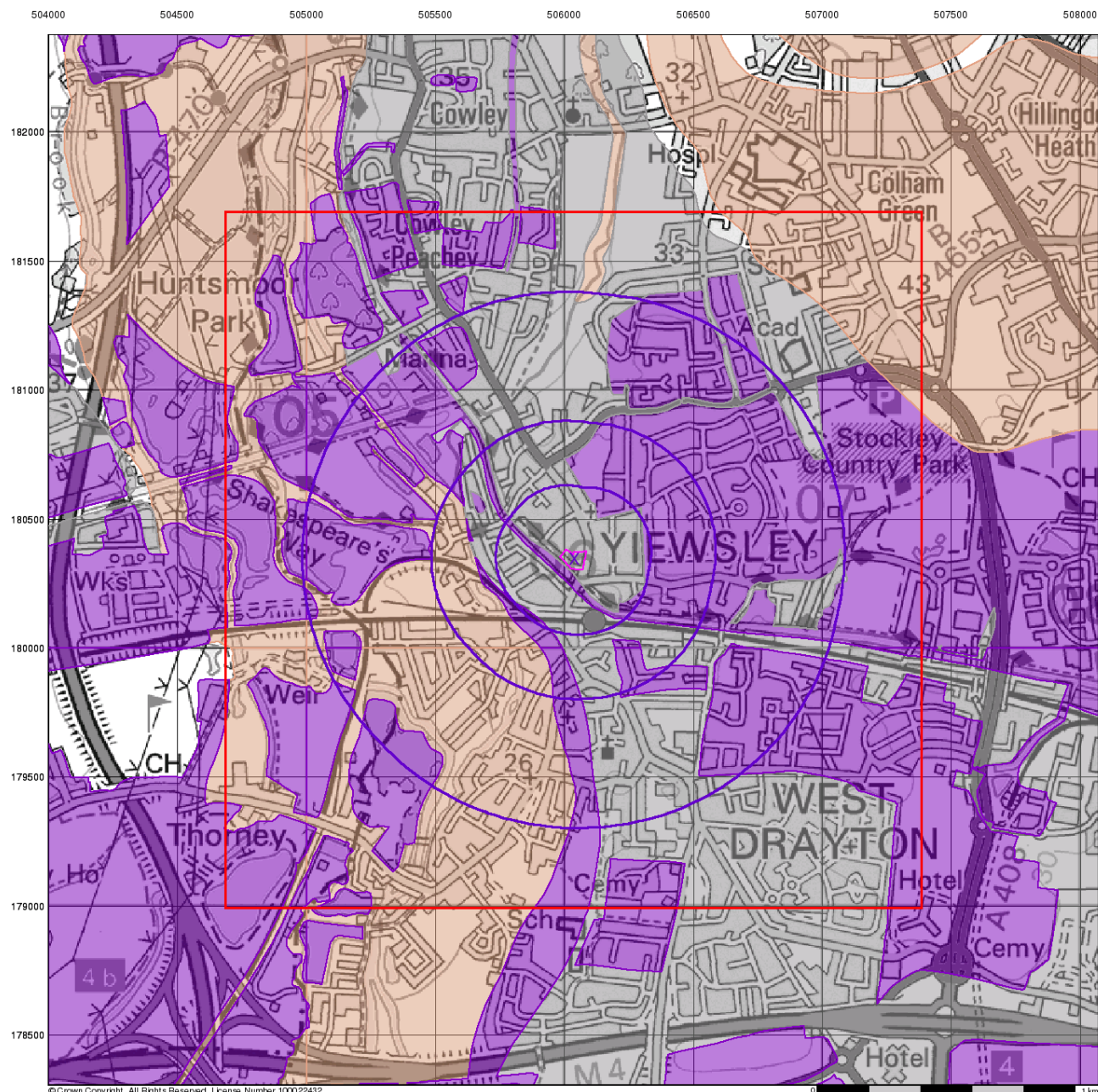
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	April 2018	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Thames Region	October 2008	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 Environment Agency - Thames Region - South East Area	April 2018 April 2018 April 2018 April 2018	Quarterly 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 Environment Agency - Thames Region - South East Area	April 2018 April 2018 April 2018 April 2018	Quarterly Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Buckinghamshire County Council London Borough of Ealing London Borough of Hillingdon - Environmental Health Department London Borough of Hounslow - Environmental Health Department Royal Windsor and Maidenhead Unitary Council - Planning Policy Unit Slough Borough Council South Buckinghamshire District Council Spelthorne Borough Council - Environmental Health Department Surrey County Council	May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites South Buckinghamshire District Council Buckinghamshire County Council London Borough of Ealing London Borough of Hillingdon - Environmental Health Department London Borough of Hounslow - Environmental Health Department Royal Windsor and Maidenhead Unitary Council - Planning Policy Unit Slough Borough Council Spelthorne Borough Council - Environmental Health Department Surrey County Council	August 2006 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 September 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	June 2015 March 2003	Not Applicable Not Applicable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2018	Bi-Annually
BGS Urban Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Urban Soil Chemistry Averages British Geological Survey - National Geoscience Information Service	October 2015	As notified
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	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	June 2015	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	October 2017	Bi-Annually
Areas of Adopted Green Belt London Borough of Ealing London Borough of Hillingdon London Borough of Hounslow Royal Windsor and Maidenhead Unitary Council Slough Borough Council South Buckinghamshire District Council - Development Control Department Spelthorne Borough Council	February 2018 February 2018 February 2018 February 2018 February 2018 February 2018 February 2018	As notified As notified As notified As notified As notified As notified As notified
Areas of Unadopted Green Belt London Borough of Ealing London Borough of Hillingdon London Borough of Hounslow Royal Windsor and Maidenhead Unitary Council Slough Borough Council South Buckinghamshire District Council - Development Control Department Spelthorne Borough Council	February 2018 February 2018 February 2018 February 2018 February 2018 February 2018 February 2018	As notified As notified As notified As notified As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	February 2018	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2018	Bi-Annually
Marine Nature Reserves Natural England	January 2018	Bi-Annually
National Nature Reserves Natural England	February 2018	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	February 2018	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2018	Bi-Annually
Special Areas of Conservation Natural England	January 2018	Bi-Annually
Special Protection Areas Natural England	February 2018	Bi-Annually

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	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
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	Buckinghamshire County Council County Hall, Aylesbury, Buckinghamshire, HP20 1UA	Telephone: 01296 395900 Fax: 01296 88887 Website: www.buckscc.gov.uk
6	South Buckinghamshire District Council Capswood, Oxford Road, Denham, Berkshire, UB9 4LH	Telephone: 01895 837200 Website: www.southbucks.gov.uk
7	London Borough of Hillingdon Civic Centre, High Street, Uxbridge, Middlesex, UB8 1UW	Telephone: 01895 250111 Fax: 01895 250830 Website: www.hillingdon.gov.uk
8	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	South Buckinghamshire District Council - Development Control Department Capswood, Oxford Road, Denham, Berkshire, UB9 4LH	Telephone: 01895 837200 Website: www.southbucks.gov.uk
10	Slough Borough Council Town Hall, Bath Road, Slough, Berkshire, SL1 3UQ	Telephone: 01753 552288 Fax: 01753 692499 Website: www.slough.gov.uk
11	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	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.



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Superficial Aquifer Designation

General

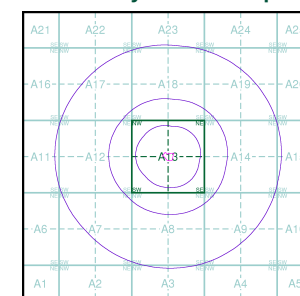
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 169759953_1_1
 Customer Ref: 70045292
 National Grid Reference: 506040, 180350
 Slice: A
 Site Area (Ha): 0.52
 Search Buffer (m): 1000

Site Details

Morrisons, 41-67, High Street, Yiewsley, WEST DRAYTON, UB7 7QQ

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 INFORMATION GROUP

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

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	LASI	Langley Silt Member	Clay and Silt	Not Supplied - Devensian
	SHGR	Shepperton Gravel Member	Sand and Gravel	Not Supplied - Devensian
	LHGR	Lynch Hill Gravel Member	Sand and Gravel	Not Supplied - Wolstonian
	TPGR	TAPLOW GRAVEL MEMBER	Sand and Gravel	Not Supplied - Wolstonian
	BHT	Boyn Hill Gravel Member	Sand and Gravel	Not Supplied - Hoxnian
	BPGR	Black Park Gravel Member	Sand and Gravel	Not Supplied - Anglian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LC	London Clay Formation	Clay, Silt and Sand	Not Supplied - Ypresian



Geology 1:50,000 Maps

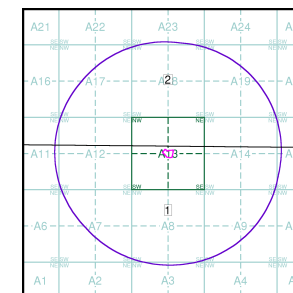
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	2	Map ID:	1
Map Sheet No:	255	Map Sheet No:	269
Map Name:	Beaconsfield	Map Name:	Windsor
Map Date:	2005	Map Date:	1999
Bedrock Geology:	Available	Bedrock Geology:	Available
Superficial Geology:	Available	Superficial Geology:	Available
Artificial Geology:	Available	Artificial Geology:	Available
Faults:	Not Supplied	Faults:	Not Supplied
Landslip:	Available	Landslip:	Available
Rock Segments:	Not Supplied	Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A

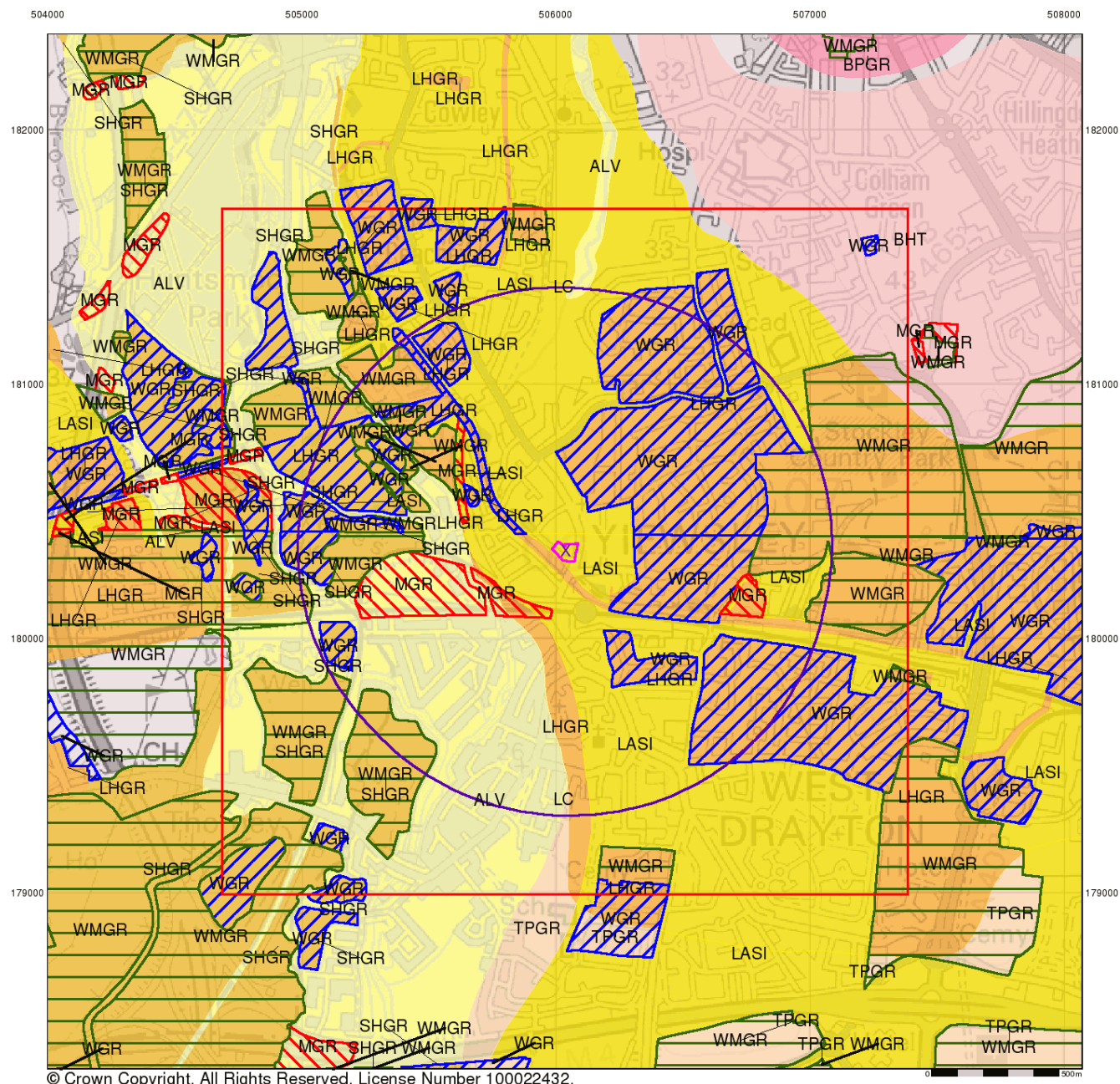


Order Details:

Order Number:	169759953_1_1
Customer Reference:	70045292
National Grid Reference:	506040, 180350
Slice:	A
Site Area (Ha):	0.52
Search Buffer (m):	1000

Site Details:

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Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

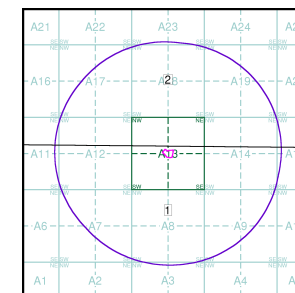
Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

British Geological Survey
Kingsley Dunham Centre
Keyworth
Nottingham
NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice A



Order Details:

Order Number: 169759953_1_1
Customer Reference: 70045292
National Grid Reference: 506040, 180350
Slice: A
Site Area (Ha): 0.52
Search Buffer (m): 1000

Site Details:

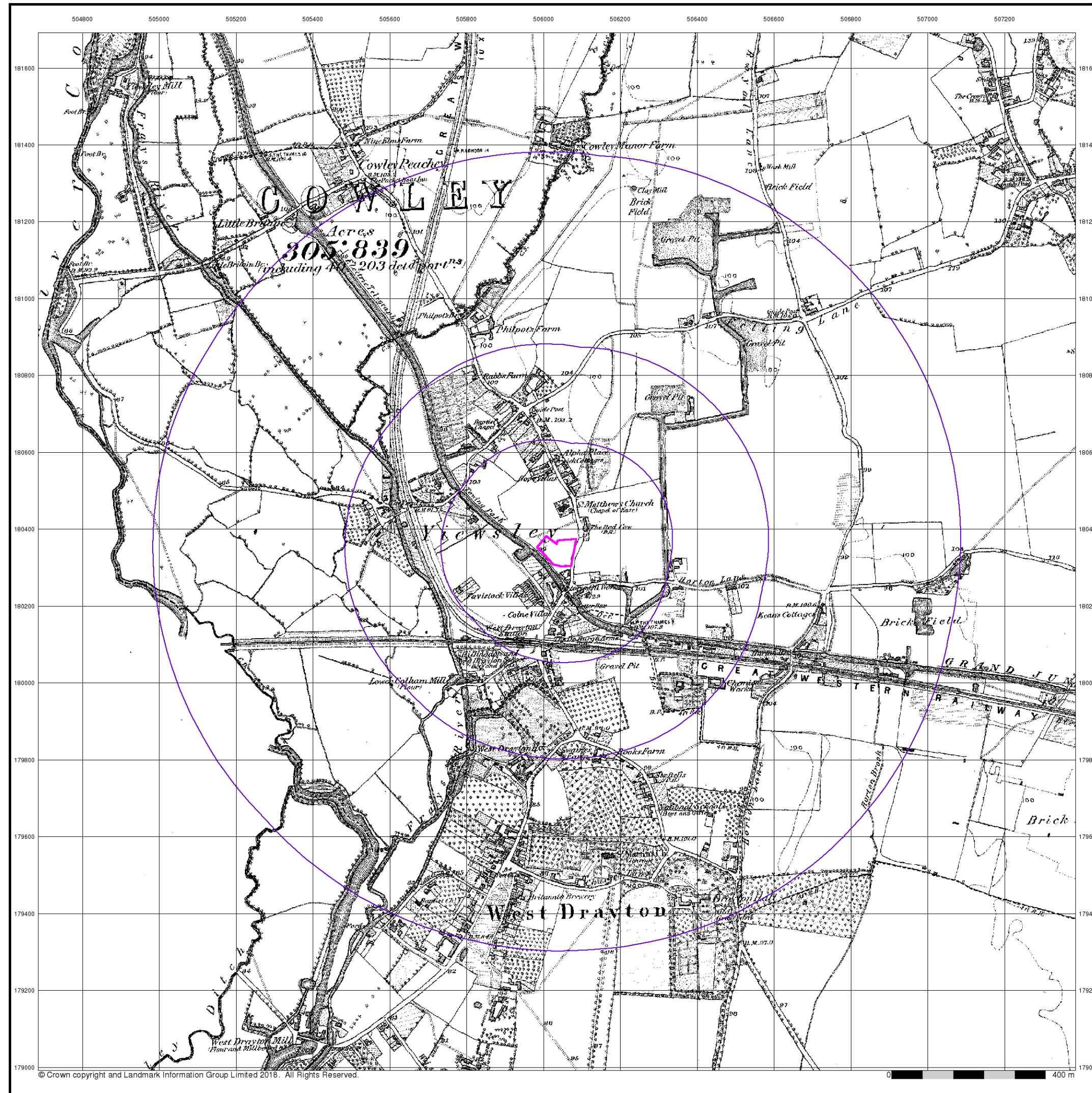
Morrisons, 41-67, High Street, Yiewsley, WEST DRAYTON, UB7 7QQ

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v15.0 13-Jun-2018

Page 5 of 5



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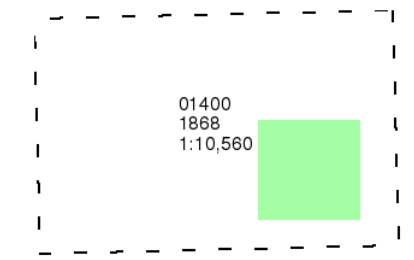
Middlesex

Published 1868

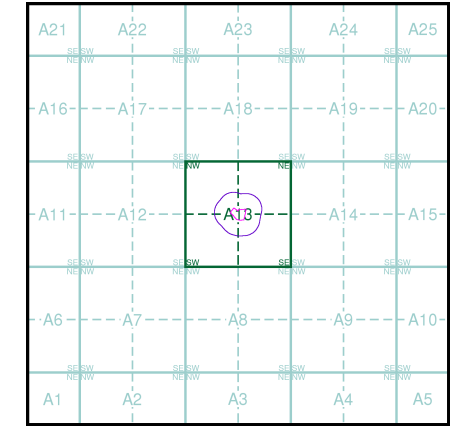
Source map scale - 1:10,560

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)



Historical Map - Slice A



Order Details

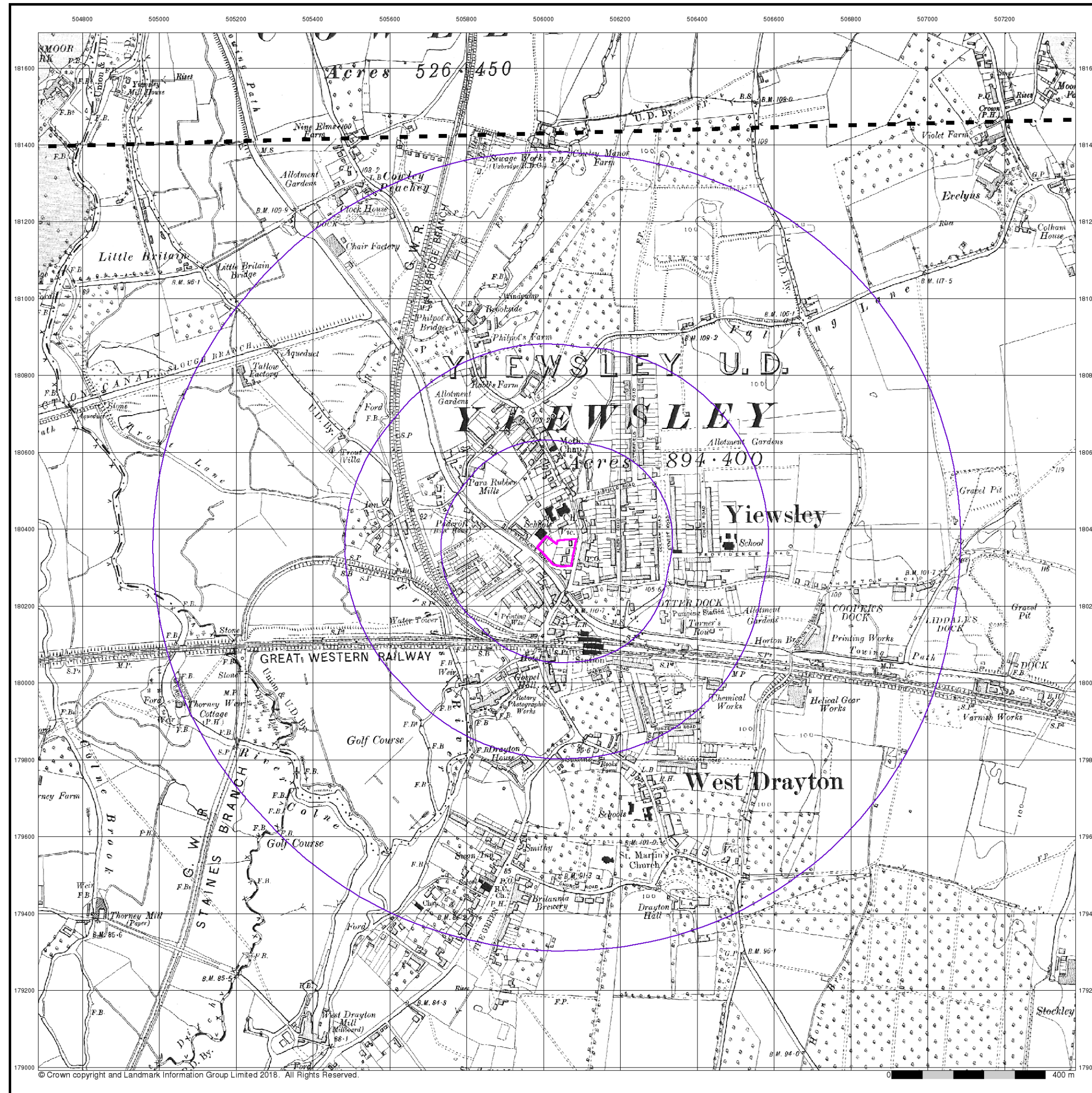
Order Number: 169759953_1_1
Customer Ref: 70045292
National Grid Reference: 506040, 180350
Slice: A
Site Area (Ha): 0.52
Search Buffer (m): 1000

Site Details

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Middlesex

Published 1920

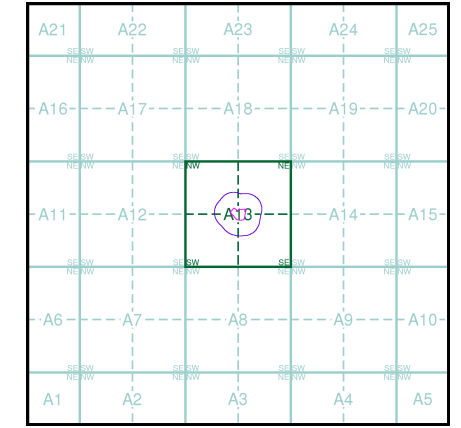
Source map scale - 1:10,560

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)

014NE 1920 1:10,560
014SE 1920 1:10,560

Historical Map - Slice A



Order Details

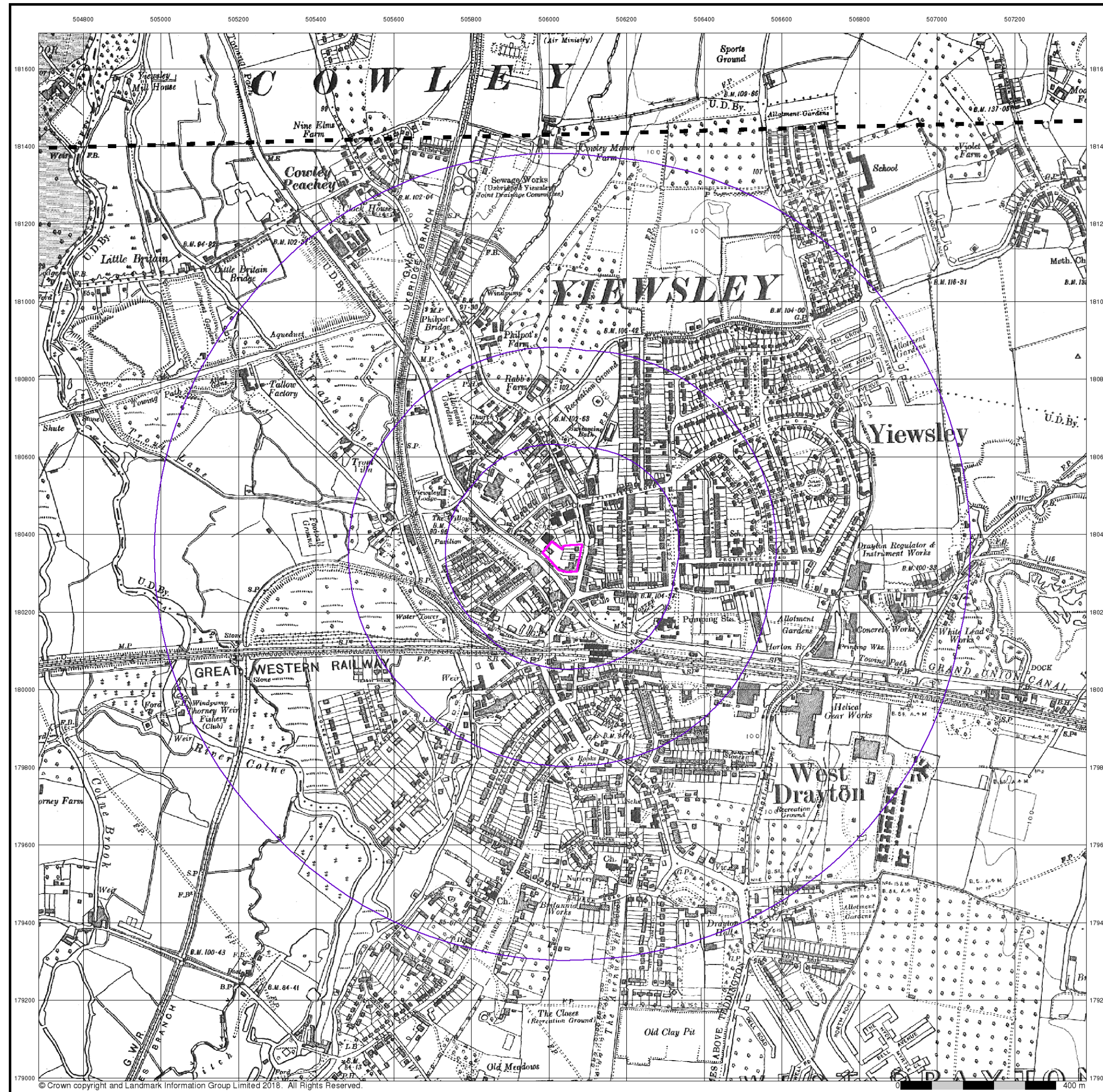
Order Number:	169759953_1_1
Customer Ref:	70045292
National Grid Reference:	506040, 180350
Slice:	A
Site Area (Ha):	0.52
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Middlesex

Published 1938

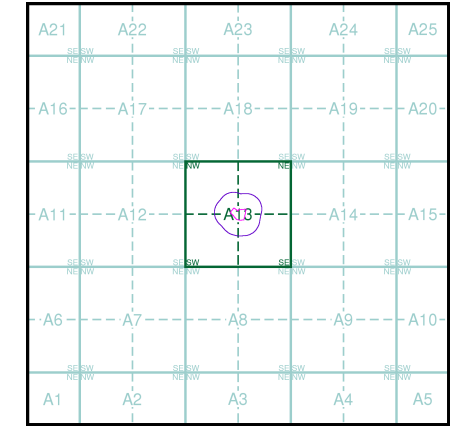
Source map scale - 1:10,560

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)

014NE 1938 1:10,560
014SE 1938 1:10,560

Historical Map - Slice A



Order Details

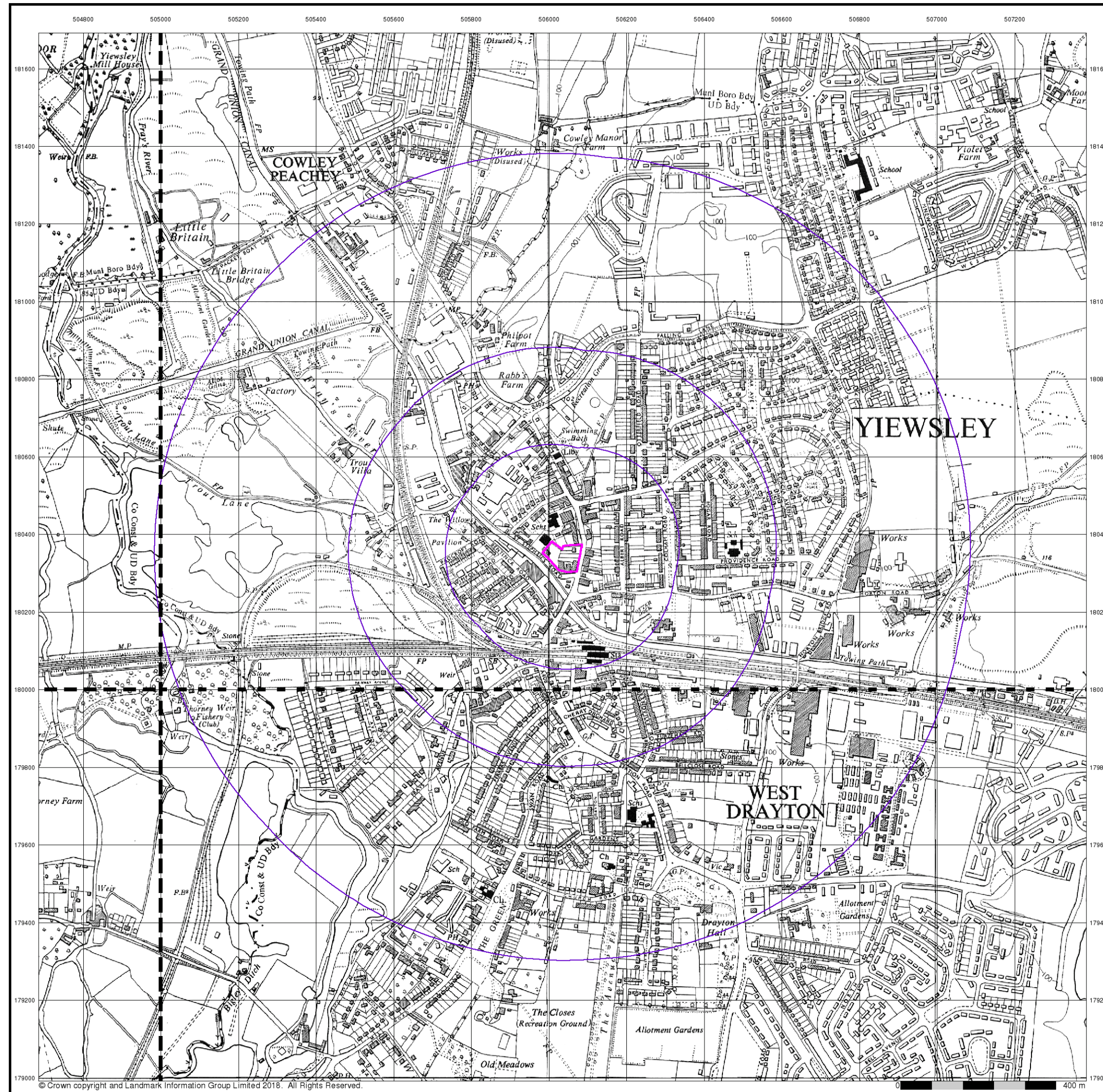
Order Number: 169759953_1_1
Customer Ref: 70045292
National Grid Reference: 506040, 180350
Slice: A
Site Area (Ha): 0.52
Search Buffer (m): 1000

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Ordnance Survey Plan

Published 1960

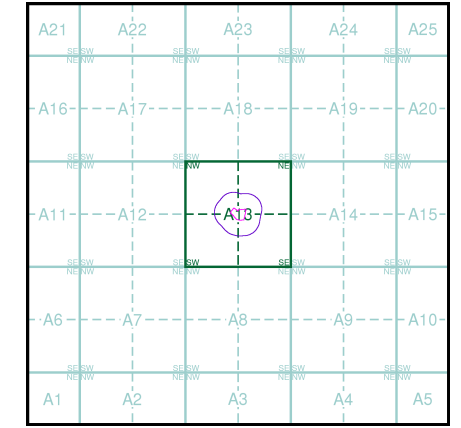
Source map scale - 1:10,000

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)

TQ08SW	TQ08SE
1960	1960
1:10,560	1:10,560
TQ07NW	TQ07NE
1960	1960
1:10,560	1:10,560

Historical Map - Slice A



Order Details

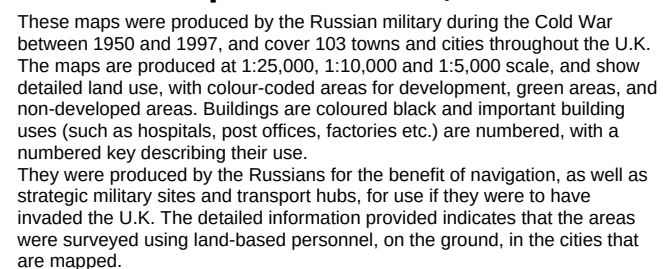
Order Number: 169759953_1_1
Customer Ref: 70045292
National Grid Reference: 506040, 180350
Slice: A
Site Area (Ha): 0.52
Search Buffer (m): 1000

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TQ08
 1985
 1:25,000

TQ07
 1985
 1:25,000

A 5x5 grid of cells labeled A1 to A25. The grid is composed of solid black lines. Cell A13 is highlighted with a thick green border and a purple circle. The grid is labeled as follows:

A21	A22	A23	A24	A25
SE SW NW NW	SE SW NW NW	SE SW NW NW	SE SW NW NW	SE SW NW NW
A16	A17	A18	A19	A20
SE SW NW NW	SE SW NW NW	SE SW NW NW	SE SW NW NW	SE SW NW NW
A11	A12	A13	A14	A15
SE SW NW NW	SE SW NW NW	SE SW NW NW	SE SW NW NW	SE SW NW NW
A6	A7	A8	A9	A10
SE SW NW NW	SE SW NW NW	SE SW NW NW	SE SW NW NW	SE SW NW NW
A1	A2	A3	A4	A5



Order Number: 169759953_1_1
Customer Ref: 70045292
National Grid Reference: 506040, 180350
Slice: A
Site Area (Ha): 0.52
Search Buffer (m): 1000

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UB7 7QQ

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10k Raster Mapping

Published 2006

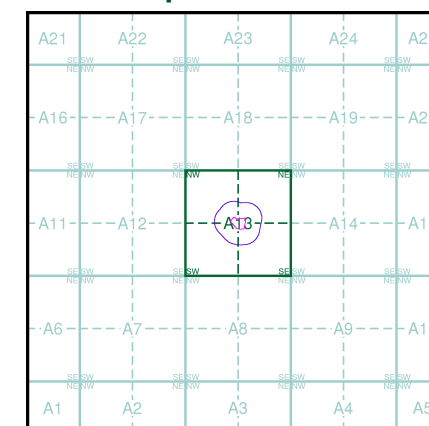
Source map scale - 1:10,000

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)

TQ08SW	TQ08SE
2006	2006
1:10,000	1:10,000
TQ07NW	TQ07NE
2006	2006
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 169759953_1_1
Customer Ref: 70045292
National Grid Reference: 506040, 180350
Slice: A
Site Area (Ha): 0.52
Search Buffer (m): 1000

Site Details

Morrisons, 41-67, High Street, Yiewsley, WEST DRAYTON, UB7 7QQ

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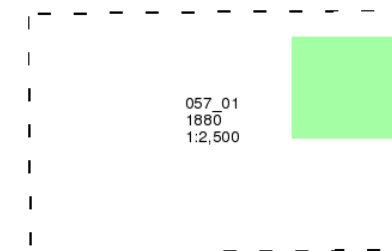
Buckinghamshire

Published 1880

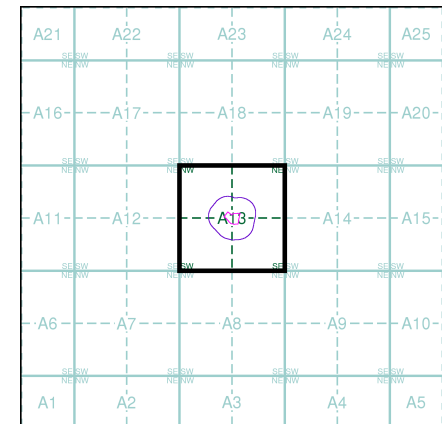
Source map scale - 1:2,500

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

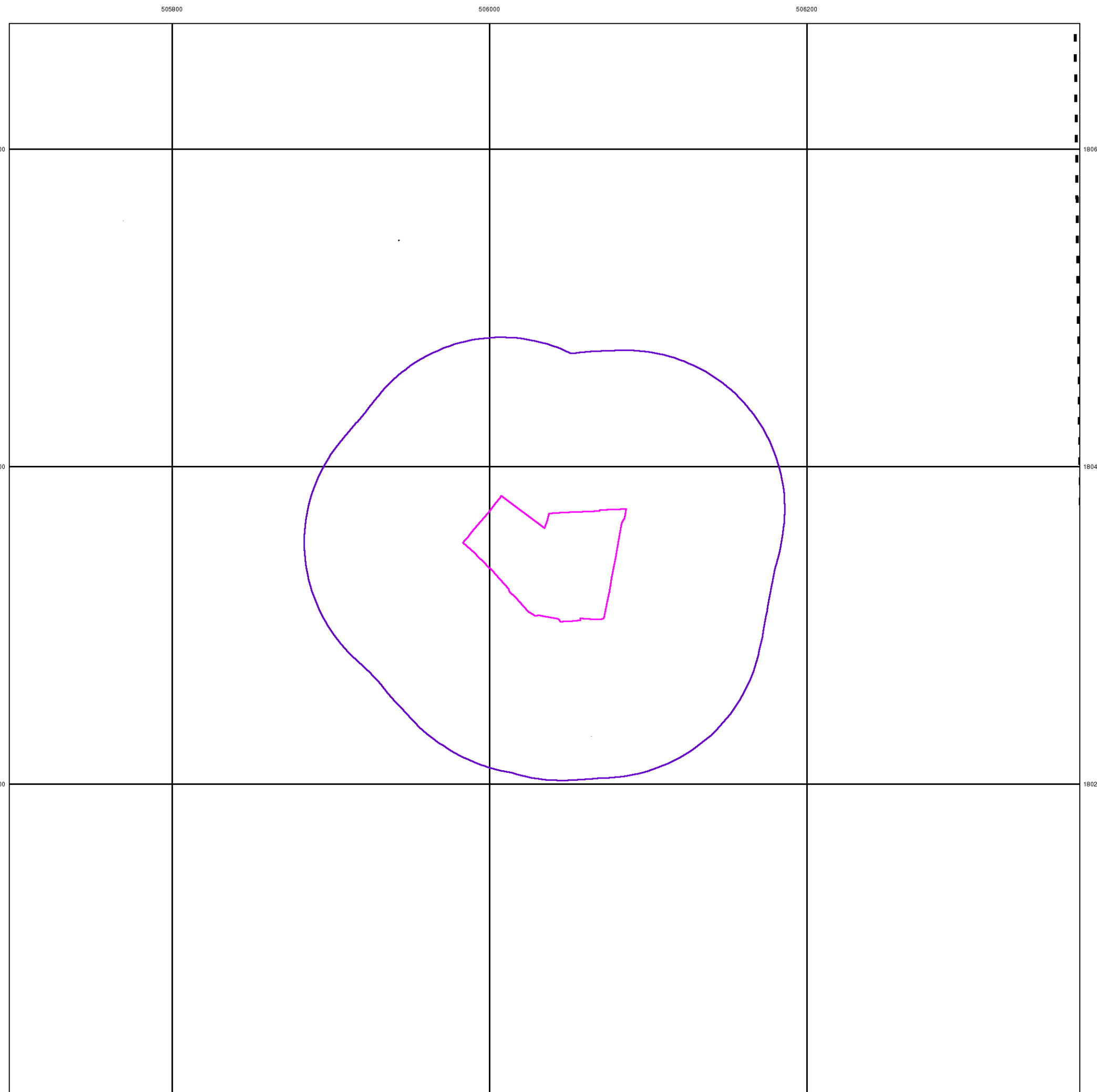
Order Number: 169759953_1_1
Customer Ref: 70045292
National Grid Reference: 506040, 180350
Slice: A
Site Area (Ha): 0.52
Search Buffer (m): 100

Site Details

Morrisons, 41-67, High Street, Yiewsley, WEST DRAYTON,
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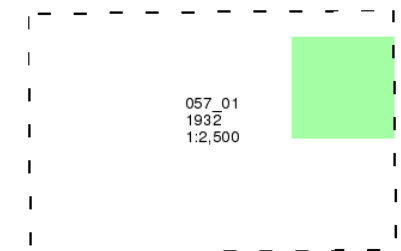
Buckinghamshire

Published 1932

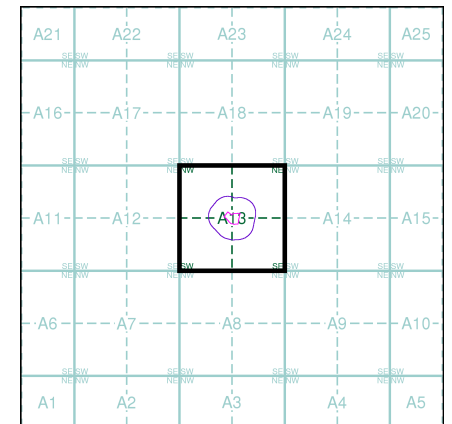
Source map scale - 1:2,500

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

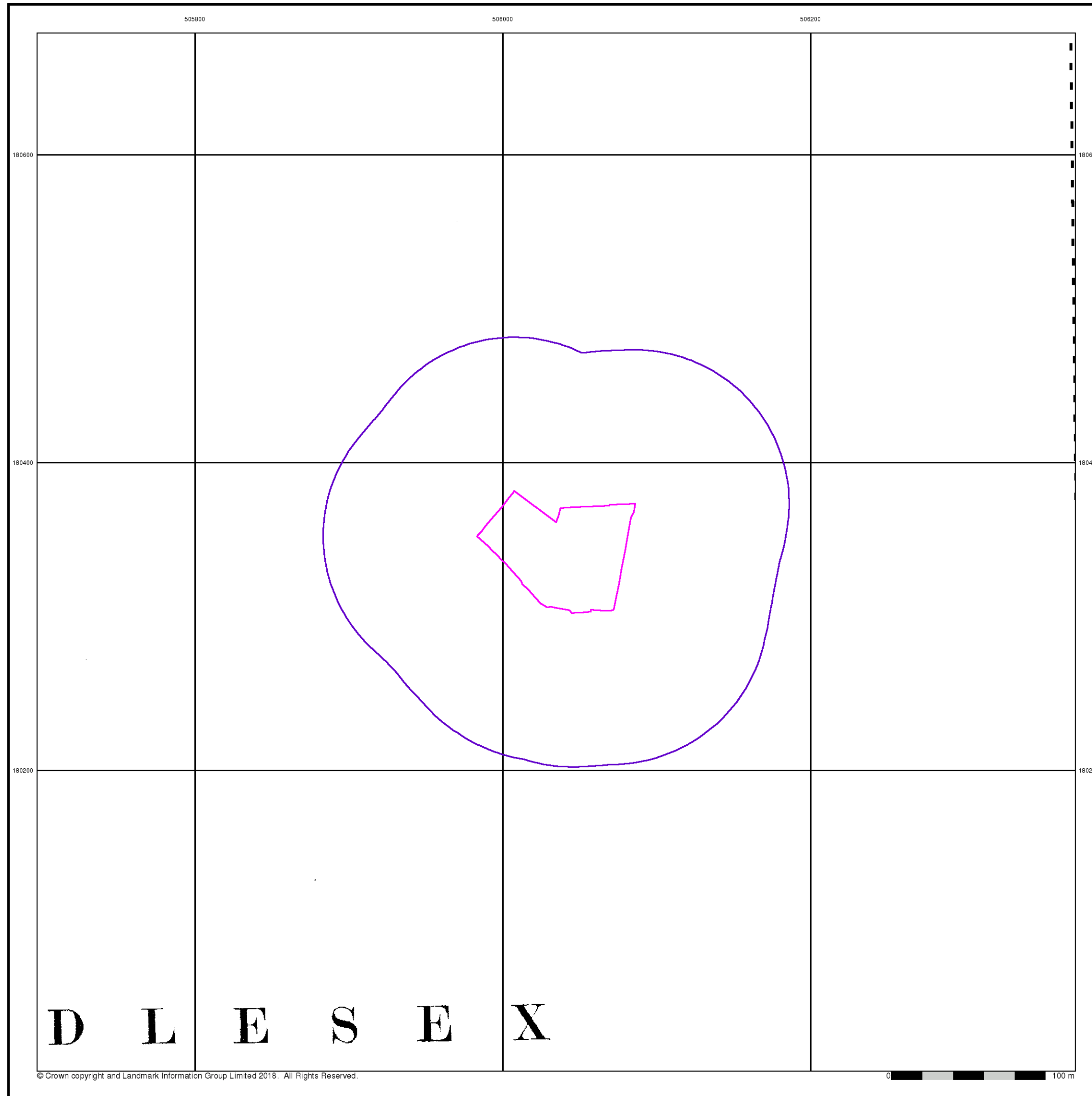
Order Number: 169759953_1_1
Customer Ref: 70045292
National Grid Reference: 506040, 180350
Slice: A
Site Area (Ha): 0.52
Search Buffer (m): 100

Site Details

Morrisons, 41-67, High Street, Yiewsley, WEST DRAYTON, UB7 7QQ

Landmark
INFORMATION GROUP

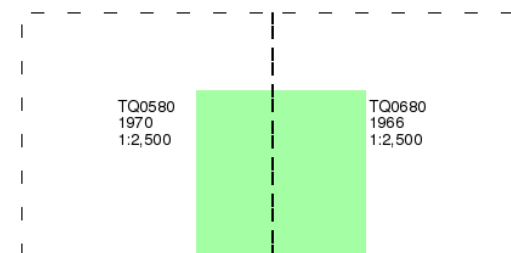
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



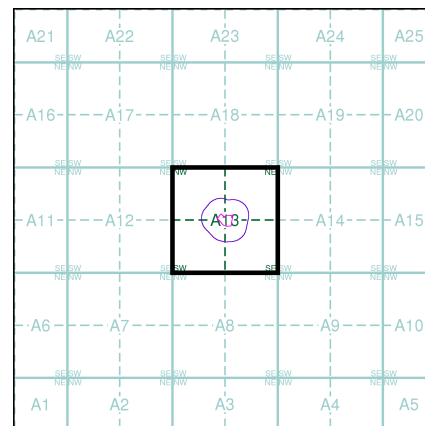


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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

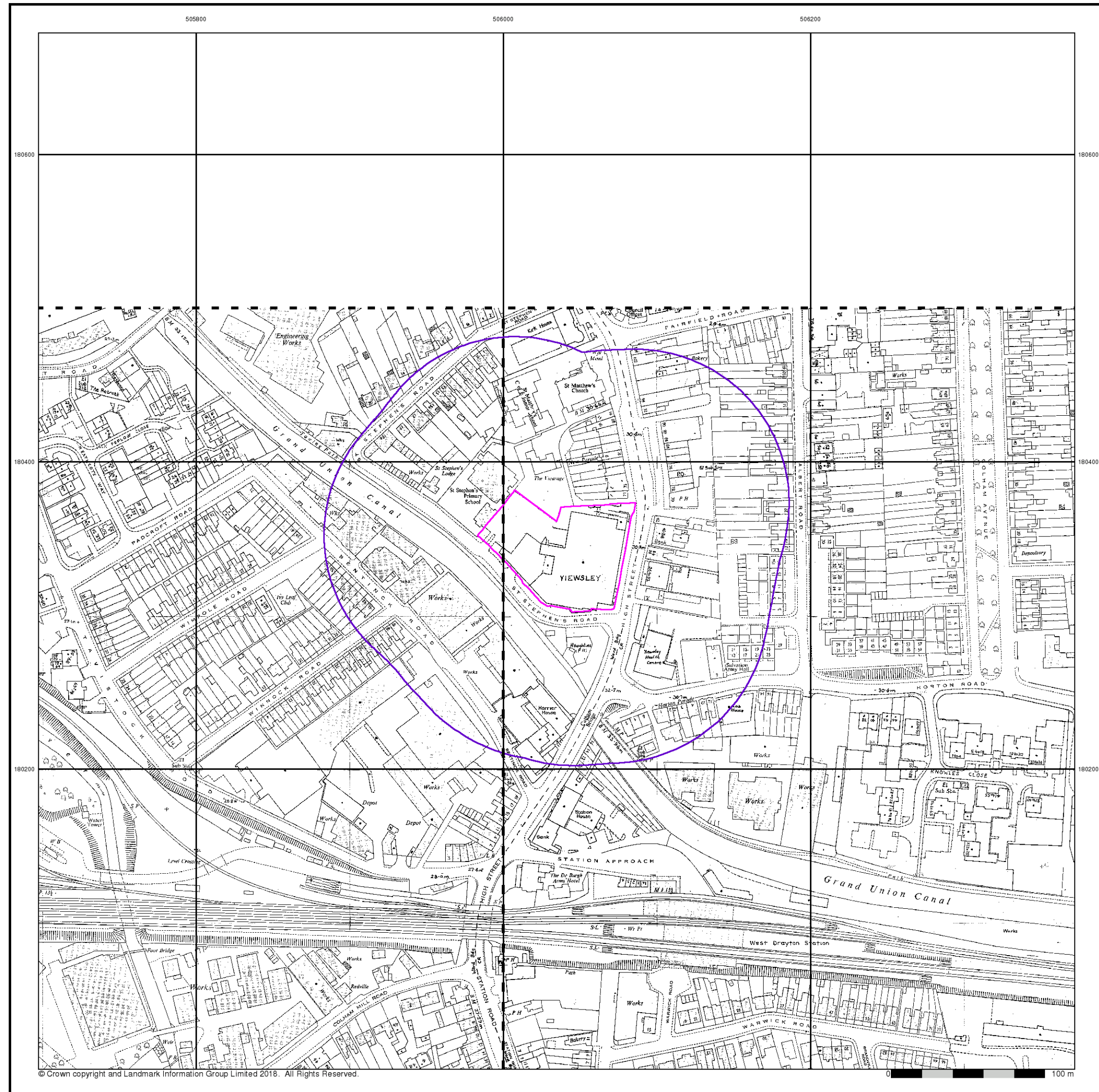
Order Number: 169759953_1_1
Customer Ref: 70045292
National Grid Reference: 506040, 180350
Slice: A
Site Area (Ha): 0.52
Search Buffer (m): 100

Site Details

Morrisons, 41-67, High Street, Yiewsley, WEST DRAYTON,
UB7 7QQ

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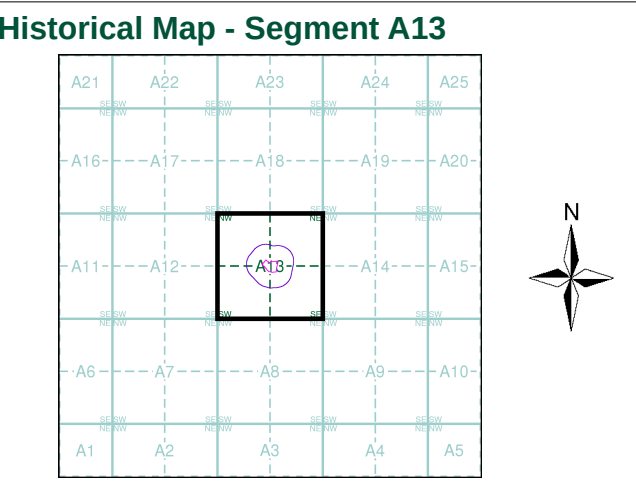
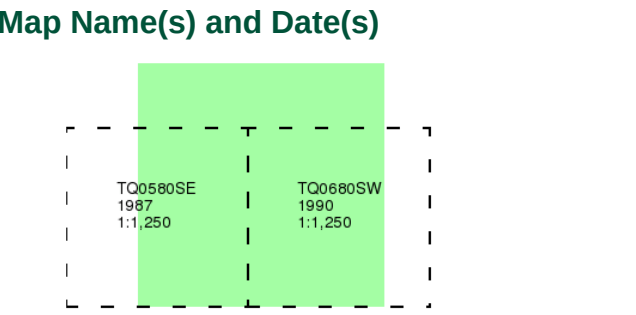
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Web: www.envirocheck.co.uk



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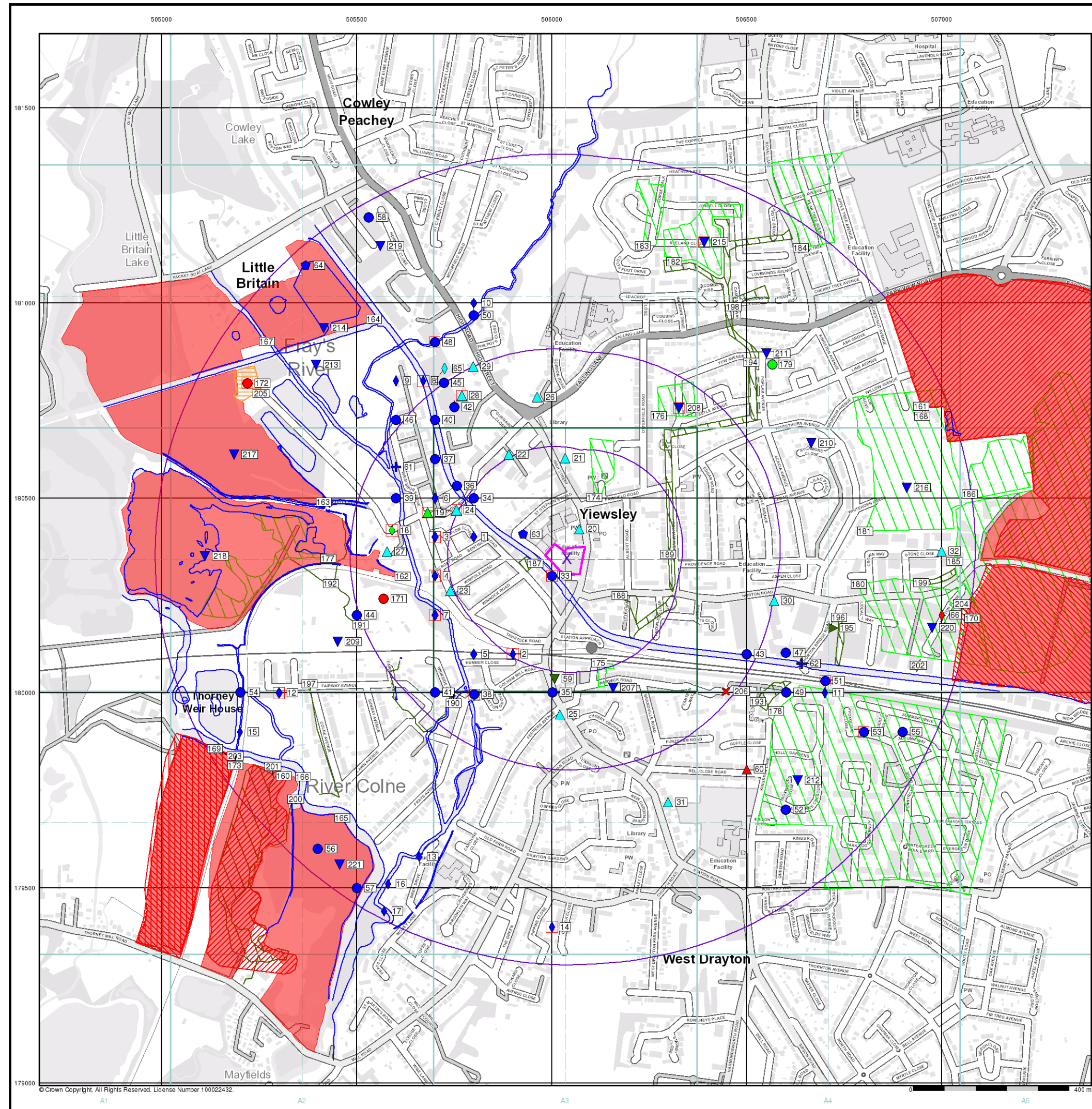
Additional SIMs
Published 1987 - 1990
Source map scale - 1:1,250
The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.



Order Details
Order Number: 169759953_1_1
Customer Ref: 70045292
National Grid Reference: 506040, 180350
Slice: A
Site Area (Ha): 0.52
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Site Details
Morrisons, 41-67, High Street, Yiewsley, WEST DRAYTON, UB7 7QQ

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Web: www.envirocheck.co.uk

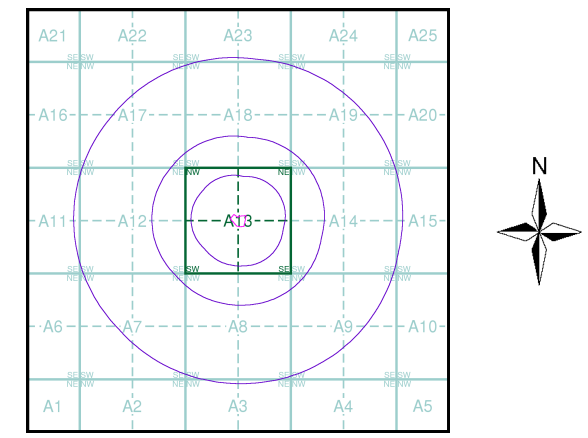


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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice A



Order Details

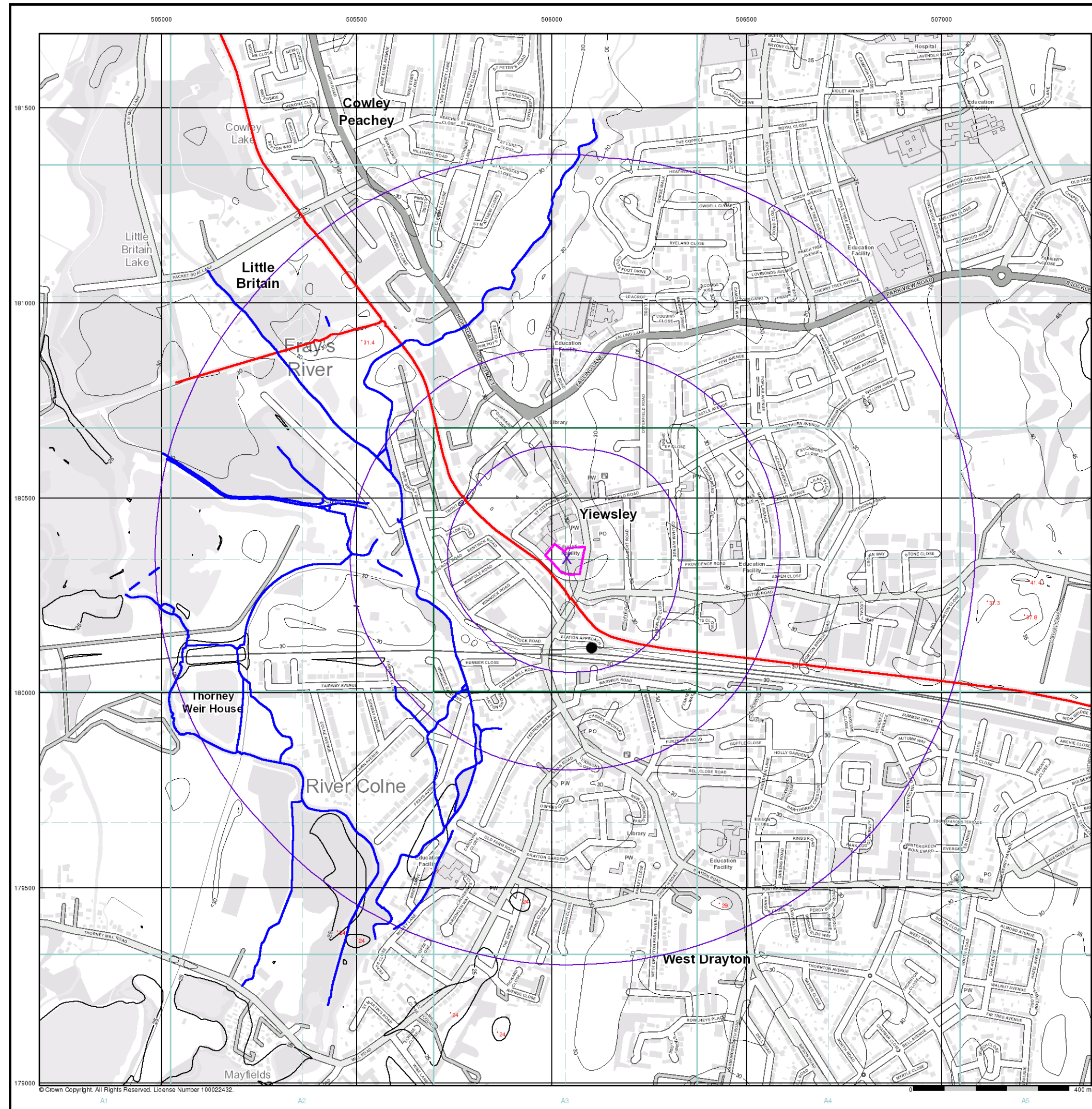
Order Number: 169759953_1_1
Customer Ref: 70045292
National Grid Reference: 506040, 180350
Slice: A
Site Area (Ha): 0.52
Search Buffer (m): 1000

Site Details

Morrisons, 41-67, High Street, Yiewsley, WEST DRAYTON, UB7 7QQ



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



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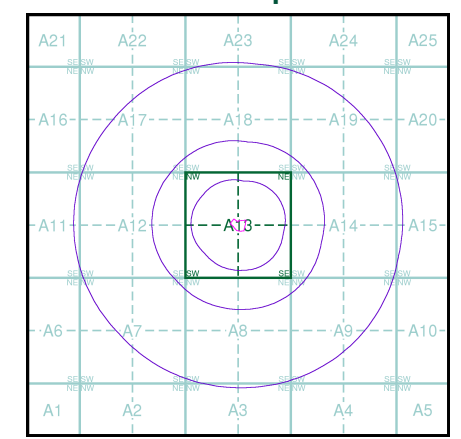


- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point

- OS Water Network Data**
- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Foreshore | Lake |
| Marsh | Transfer |
| Tidal River | Lock Or Flight Of Locks |
| Inland River | Sea |

- Contours (height in meters)**
- Standard Contour 105 100 95
- Master Contour 105 100 95
- Spot Height 167.3
- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A

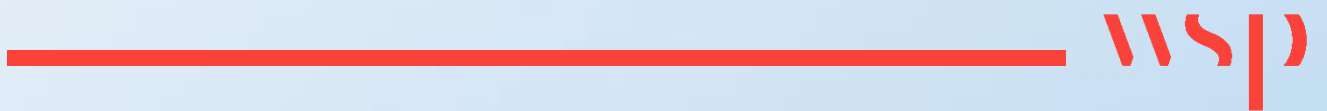


- Order Details**
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- Site Details**
- Morrisons, 41-67, High Street, Yiewsley, WEST DRAYTON, UB7 7QQ

Appendix E

BGS BOREHOLE LOGS



Contract Name				WEST DRAYTON		Borehole No. 1		Sheet 1 of 2	
Method of boring				Light cable percussion		Ground level 30.20 m O.D.			
Diameter				200 mm		Start 28.7.82.			
						Finish 29.7.82			
						NGR. 0604 8016			
Daily progress	Water levels	In-situ tests	Sam-ples	Depth (m)	Reduced level (m O.D.)	Thickness (m)	Description of Strata	Legend	
				0.05	30.15	0.05	Tarmac		
		N = 2	B	0.70	29.50	0.65	Gravel, bricks and rubble	Made	
			U	1.30	28.90	0.60	Soft brown sandy silty CLAY and bricks	Ground	
			J			1.20	Firm brown sandy silty CLAY with traces of fine flint gravel and pockets of organic matter (Brickearth)	2	
		N = 66	B	2.50	27.70				
			B					3	
		N = 73	B					4	
		N = 40	B			4.00	Medium dense to very dense fine to coarse flint GRAVEL with a little medium to coarse sand and occasional cobbles (Taplow Gravel)	5	
			B					6	
		N = 20	B						
			W						
			U	6.50	23.70				
				6.80	23.40	0.30	Firm brown CLAY		
28/7			J			6.20	Stiff fissured dark brown/grey silty CLAY with occasional light grey silt partings and occasional traces of claystone between 9.50 and 9.95 m depth (London Clay)	7	
			U					8	
28/7			J					9	
			U					10	

Notes Water running away when boring in gravel.
Breaking though obstructions - 1 hour in made ground.

Contract Name					Borehole No.			
WEST DRAYTON					2			
Method of boring					Ground level			
Light cable percussion boring					30.33 m O.D.			
Diameter					Start			
200 mm					26.7.82.			
					Finish			
					27.7.82.			
					NGR C. 0604 8016			
Daily progress	Water levels	In-situ tests	Samples	Depth (m)	Reduced level (m O.D.)	Thickness (m)	Description of Strata	Legend
				0.07	30.26	0.07	Fill, tarmac	
			J			0.78	Soft brown silty CLAY with brick fragments, gravel, rubble and organic traces	
			U	0.85	29.48			
			J			1.65	Firm brown slightly sandy CLAY with some traces of organic matter (Brickearth)	1
26/7			U					2
		N = 60	B	2.50	27.83			3
		N = 75	B					4
		N = 45	B			3.50	Medium dense to very dense fine to coarse flint GRAVEL with a little medium to coarse sand and occasional cobbles (Taplow Gravel)	5
		N = 25	B					6
	27/7		W					
			J	6.00	24.33			
			U	6.30	24.03	0.30	Firm brown silty CLAY with occasional trace of fine flint gravel (weathered London Clay)	7
27/7			J					8
	27/7		U			8.70	Stiff to very stiff fissured dark grey silty CLAY with traces of light grey fine silt partings and occasional traces of shell fragments between 7.60 and 12.10 m depth. Claystone met between 7.4 and 7.60 m depth (London Clay)	9
			J					10
			U					

Notes Installed water level observation tubing to 6.50 m depth

Water level before extracting casing 11.50 m

Terresearch Limited	Report No. S.32/558	Appendix 1	Sheet 3
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2

TQ 08/80²
255

TQ 0603 8040

255

COWHEY
(nr. W. Drayton)

150
150

Ginsley Village. ~~1887~~ 1883 (see attached record)

L.M. p. 94 ; R.L.W. p. 54

Made and communicated by Messrs. Isler.
Shaft 16 feet, the rest bored (tubed). Water overflows,
at the rate of about 3 gallons a minute, 4 feet
above the surface.

DRIET Gravel and blue clay
LC Blue [harder] clay

Reading
Beds (soft)
RB

Mottled clay
Brown dead sand
Mottled clay
live sand
Blowing sand
Blue clay and stone
White blowing sand
Blue clay
Flints

Thickness	Depth
—	16
79	95
39	134
6	140
3	143
15	158
1	159
2	161
4	165
4	169
6	175
15	190

U. Chalk
UCK

In 1887 the water overflowed here at about 100
feet above sea-level, and still did so in 1904.

Appendix F

UXO REPORT



UNEXPLODED BOMB RISK MAP



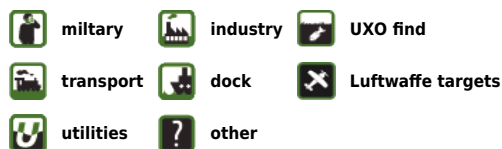
SITE LOCATION

Location: UB7 7QQ,
Map Centre: 506053,180336



LEGEND

- High:** Areas indicated as having a bombing density of 50 bombs per 1000acre or higher.
- Moderate:** Areas indicated as having a bombing density of 15 to 49 bombs per 1000acre.
- Low:** Areas indicated as having 15 bombs per 1000acre or less.



How to use your Unexploded Bomb (UXB) risk map?

The map indicates the potential for Unexploded Bombs (UXB) to be present as a result of World War Two (WWII) bombing.

You can incorporate the map into your preliminary risk assessment* for potential Unexploded Ordnance (UXO) for a site. Using this map, you can make an informed decision as to whether more in-depth detailed risk assessment* is necessary.

What do I do if my site is in a moderate or high risk area?

Generally, we recommend that a detailed UXO desk study and risk assessment is undertaken for sites in a moderate or high UXB risk area.

More often than not, this further detailed research will conclude that the potential for a significant UXO hazard to be present on your site is actually low.

Never plan site work or undertake a risk assessment using these maps alone. More detail is required, particularly where there may be a source of UXO from other military operations which are not reflected on these maps.

If my site is in a low risk area, do I need to do anything?

If both the map and other research confirms that there is a low potential for UXO to be present on your site then, subject to your own comfort and risk tolerance, works can proceed with no special precautions.

A low risk really means that there is no greater probability of encountering UXO than anywhere else in the UK.

If you are unsure whether other sources of UXO may be present, you can ask for one of our **pre-desk study assessments (PDSA)**

If I have any questions, who do I contact?

tel: **+44 (0) 1993 886682**

email: **uxo@zetica.com**

web: **www.zeticauxo.com**

The information in this UXB risk map is derived from a number of sources and should be used in conjunction with the accompanying notes on our website: (<https://zeticauxo.com/downloads-and-resources/risk-maps/>)

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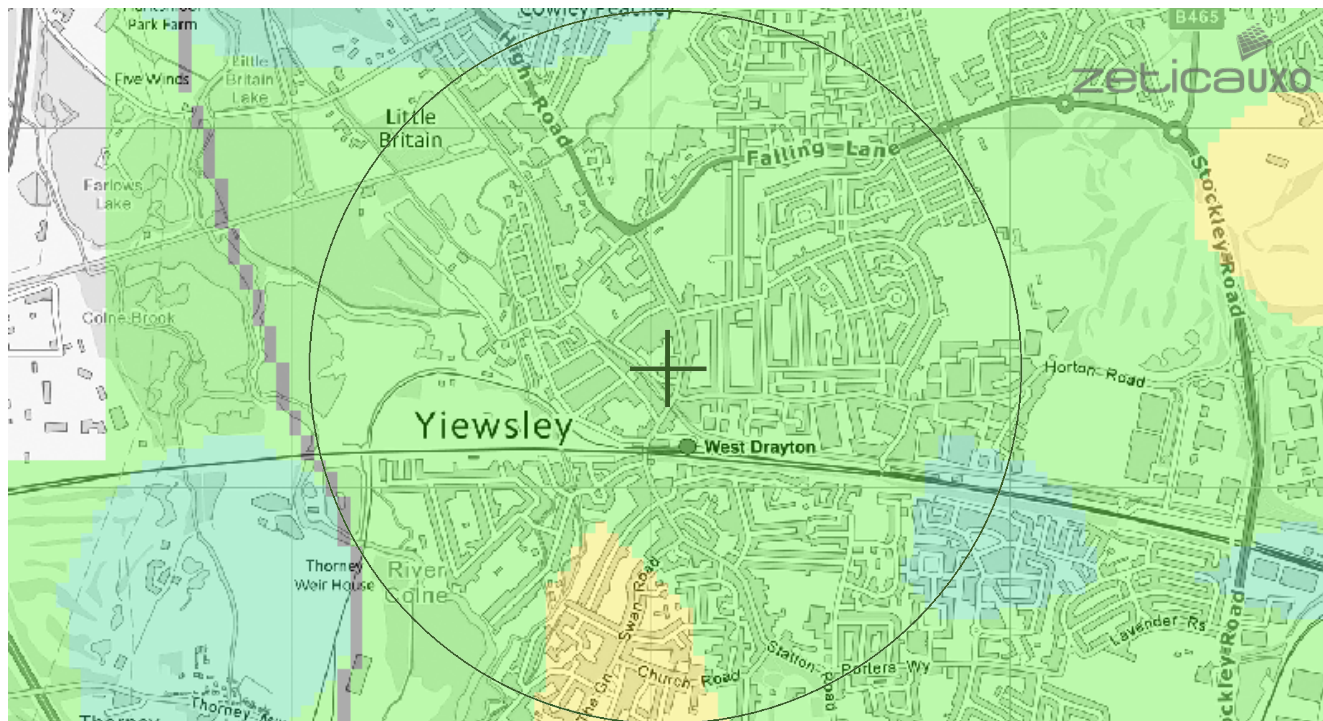
*Preliminary and detailed UXO risk assessments are advocated as good practice by industry guidance such as CIRIA C681 'Unexploded Ordnance (UXO), a guide for the construction industry'.

UNEXPLODED BOMB RISK MAP



SITE LOCATION

Location: UB7 7QQ,
Map Centre: 506053,180336



LEGEND

London Bomb Risk



How to use your Unexploded Bomb (UXB) risk map?

The map indicates the potential for Unexploded Bombs (UXB) to be present as a result of World War Two (WWII) bombing.

You can incorporate the map into your preliminary risk assessment* for potential Unexploded Ordnance (UXO) for a site. Using this map, you can make an informed decision as to whether more in-depth detailed risk assessment* is necessary.

Relative UXB risk across London

The relative risk for the London area is established by plotting the recorded bombing densities.

These are represented as counts of high explosive bombs in km2 area. The areas coloured green represent a record of less than 10 bombs per km2.

Compared to other areas of the UK, this still represents a significant density. However, this is much lower than parts of Central London, where the red colouration indicates in excess of 150 bombs falling per km2, representing a very significant bombing density.

What do I do if my site is in a moderate or high density area?

Generally, we recommend that a detailed UXO desk study and risk assessment is undertaken for sites with a moderate or high bombing density.

More often than not, this further detailed research will conclude that the potential for a significant UXO hazard to be present on your site is actually low.

Never plan site work or undertake a risk assessment using these maps alone. More detail is required, particularly where there may be a source of UXO from other military operations which are not reflected on these maps.

If my site is in a low risk area, do I need to do anything?

If both the map and other research confirms that there is a low potential for UXO to be present on your site then, subject to your own comfort and risk tolerance, works can proceed with no special precautions.

A low risk really means that there is no greater probability of encountering UXO than anywhere else in the UK.

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tel: +44 (0) 1993 886682

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*Preliminary and detailed UXO risk assessments are advocated as good practice by industry guidance such as CIRIA C681 'Unexploded Ordnance (UXO), a guide for the construction industry'.

Pre-Desk Study Assessment

Site:	High Street, Yiewsley, Hillingdon
Client:	WSP
Contact:	Abi Barton
Date:	13 th July 2018
Pre-WWI Military Activity on or Affecting the Site	None identified.
WWI Military Activity on or Affecting the Site	None identified.
WWI Strategic Targets (within 5km of Site)	The following strategic targets were located in the vicinity of the Site: ■ Transport infrastructure and public utilities. ■ Industries important to the war effort, including munitions factories and aircraft manufacturing. ■ Anti-aircraft (AA) guns.
WWI Bombing	None identified on the Site.
Interwar Military Activity on or Affecting the Site	None identified.
WWII Military Activity on or Affecting the Site	None identified.
WWII Strategic Targets (within 5km of Site)	The following strategic targets were located in the vicinity of the Site: ■ Military camps and training areas. ■ Transport infrastructure and public utilities. ■ AA and anti-invasion defences. ■ Military airfields. ■ Industries important to the war effort, including munitions factories and aircraft manufacturing.
WWII Bombing Decoys (within 5km of Site)	1No. located approximately 3.3km southeast of the Site.
WWII Bombing	During WWII the Site was located in the Urban District (UD) of Yiewsley and West Drayton, which officially recorded 118No. High Explosive (HE) bombs with a regional bombing density of 22.4 bombs per 405 hectares (ha). No readily available records have been found to indicate that the Site was bombed. Readily available records indicate that the nearest recorded HE bomb fell approximately 0.2km north of the Site.
Post-WWII Military Activity on or Affecting the Site	None identified.
Recommendation	A detailed desk study, whilst always prudent, is not considered essential in this instance.

This summary is based on a cursory review of readily available records. Caution is advised if you plan to action work based on this summary.

It should be noted that where a potentially significant source of UXO hazard has been identified on the Site, the requirement for a detailed desk study and risk assessment has been confirmed and no further research will be undertaken at this stage. It is possible that further in-depth research as part of a detailed UXO desk study and risk assessment may identify other potential sources of UXO hazard on the Site.

Appendix G

LEGISLATIVE AND PLANNING

FRAMEWORK



The Regulatory Framework for our Assessment

Our assessment is made within the framework of the Contaminated Land Regime defined by Part 2A of the Environmental Protection Act and the Contaminated Land Statutory Guidance 2012. We have considered the contaminated land guidance documents issued by the Department for Environment, Food and Rural Affairs (DEFRA) including Model Procedures for the Management of Land Contamination (CLR11) (Environment Agency 2004a).

Our method is to create a clear conceptual model of the potential Pollutant Linkages present on site, consider the Sources (potential contaminants on site) which may cause harm, via Pathways, to Receptors such as human health (e.g. that of site users), the water environment (groundwater, surface water) and the built environment (buildings, services). Contaminated Land has a precise definition, and does not include all land which contains contaminants, but only land where there is a Pollutant Linkage causing (or giving rise to a significant risk of) a degree of harm.

Our approach to the assessment of risks to Human Health is consistent with that established in CLR11. This establishes a tiered approach including:

- Preliminary Risk Assessment (e.g. the establishment of potential pollutant linkages) – normally through desk based work;
- Generic Quantitative Risk Assessment (GQRA) (e.g. the comparison of contaminant concentrations against Soil Guideline Values (SGV) or other Generic Assessment Criteria (GAC)); and,
- Detailed Quantitative Risk Assessment (DQRA) (e.g. the comparison of contaminant concentrations against site specific assessment criteria).

Our approach to Generic Quantitative Risk Assessment (GQRA) is described in outline in the following section.

In addition to the Contaminated Land Regime, where appropriate, we have considered

- The Environmental Damage Regulations (2009). These implement the European Environmental Liability Directive and provide that; for certain activities, where there is an imminent risk of environmental damage, steps must be taken to prevent such damage, and if environmental damage has already occurred, the operator of the activity must prevent further damage.
- Common Law Liability. This remains an important aspect of contaminated land law, particularly for third parties harmed by, or suffering loss as a result of, contaminated land. Through Nuisance a person may be liable if he owns or occupies land and behaves in a way so as to cause foreseeable injury, loss or damage by creating a nuisance, for example by allowing contamination to migrate off-site either over a period of time or as a one-off event. By Negligence, where the owner of contaminated land owes a duty of care (to a claimant) which was breached. In Trespass where the contamination on a defendant's land has directly interfered with the property of a claimant.

Our Approach to GQRA

Once we have an initial understanding of the site and the potential pollutant linkages in place we plan our investigation, soil sampling regime and analytical suites. Our plan is informed by documentation such as:

- The available desk study/preliminary risk assessment reports available for the site;
- CLR 8 'Priority Contaminants for the Assessment of Land' (Environment Agency 2002a); and,
- The Department of the Environment's Industry Profiles (DoE 1995-95).

In order to undertake a GQRA, contaminant concentrations need to be compared to appropriate generic assessment criteria. Current UK industry practice is to use, as first preference, UK Soil Guideline Values (SGV)s which are generic assessment criteria published by the Environment Agency and derived using the Contaminated Land Exposure Assessment model (CLEA).

The CLEA model provides an approach for the assessment of chronic risks to human health from concentrations of a substance within soil; where appropriate. However, the SGVs published to date are limited to only a small number of contaminants. Consequently, where published SGV do not exist, other GAC can be used including:

- GAC prepared in accordance with the CLEA V1.06 model by authoritative bodies (e.g. Chartered Institute of Environmental Health (CIEH), Environment Industries Commission (EIC)); or in their absence,
- WSP in-house GAC prepared in accordance with the CLEA V1.06 model and associated documents.

The approach adopted by WSP has been to generate GAC for chronic risks to human health using CLEA V1.06. In generating GAC, input parameters consistent with Environment Agency publications have been adopted by WSP. In generating GAC, the default CLEA assumptions have been applied to a range of likely human health exposure models and associated critical age receptor groups including:

- Residential with Plant Uptake;
- Residential without Plant Uptake;
- Allotments;
- Parks;
- Open Spaces; and,
- Commercial/Industrial.

Cyanides

The primary risk to human receptors from free cyanide in soils is an acute risk (i.e. a single dose could have a lethal affect as opposed to adverse effects from cumulative intake (chronic affect)). There is no current UK guidance available for calculating acute risks from free cyanide; therefore an in-house methodology has been used to derive an acute GAC of 60 mg/kg for all exposure scenarios.

Volatile Hydrocarbons from Groundwater and Impacts to Human Health.

The CLEA model does not explicitly consider the potential for chronic impact to Human Health from indoor inhalation of concentrations of volatile vapours from dissolved phase contamination. The potential exists for this to be an important exposure route for a limited number of highly volatile contaminants. GAC have been calculated for volatile contaminants for volatilisation from groundwater using an in-house implementation of the Johnson and Ettinger model (WSP In-house Groundwater Model V1.1) which has been adapted to account for a dissolved phase source through consideration of (a) partitioning from groundwater to soil vapour, and, (b) transport through the capillary zone.

Generic Quantitative Risk Assessment - Controlled Waters

Our approach to the assessment of plausible pollutant linkages with respect to the pollution of Controlled Waters is consistent with UK guidance. The guidance identifies that for the pollution of the water environment to occur; poisonous, noxious, polluting or solid waste matter must be entering such waters or must be considered more likely than not to enter the water environment in the future. The assessment of whether the pollution of the water environment is likely to occur in the future requires consideration of those contaminants at source, which are present in a mobile form, at such a concentration that they will reach a receptor at concentrations considered to be poisonous, noxious, polluting or solid waste matter.

Our adopted approach for GQRA assessment therefore typically comprises the following:

- Consideration of soil concentrations of organic substances in the context of soil saturation to assess the potential for migration under gravity;
- Comparison of soil leachate/pore water concentrations against appropriate GAC; and
- Comparison of groundwater concentrations against appropriate GAC.

This approach is equivalent to Tier 1 / Level 1 Assessment as undertaken using ConSim (2009) / Environment Agency Remedial Targets Methodology V3.1 (2006).

Effectively, for the majority of sites, contaminant concentrations are compared to both drinking water standards and environmental quality standards to identify the need for further consideration/DQRA.

Further Work

Where a GAC is exceeded further work and/or remediation is normally required. For moderate exceedances further work may include progression to a Detailed Quantitative Risk Assessment (DQRA) which is likely to require further data collection. The outcome of the DQRA may be that the risk is not significant or, if the risk is identified as being significant, the generation of site-specific remedial targets.

Where significant exceedances of GAC are identified or there is evidence of potential acute risks remedial measures may be immediately required.

Ground Gas

Gas results have been assessed with regard to Assessing Risks Posed by Hazardous Gases to Buildings, CIRIA Report C665, 2007 (CIRIA C665) and, where a residential end use is being considered, Guidance on Evaluation of Development Proposals on Sites where Methane and Carbon Dioxide are Present, Edition 4, NHBC, 2007 (NHBC 2007).

The method in CIRIA C665 uses both gas concentrations and borehole flow rates to define a characteristic situation for a site based on the gas screening value for methane and carbon dioxide. Gas screening value = borehole flow rate (litres of gas per hour) x gas concentration (%). The calculation is carried out for both methane and carbon dioxide and the worse-case value adopted.

If necessary, more detailed information on our approach to risk assessment can be provided if required.



Unit 9, The Chase
John Tate Road, Foxholes Business Park
Hertford
SG13 7NN

wsp.com