

**DESK STUDY AND CONCEPTUAL SITE MODEL
for the site at
NO. 560 SIPSON ROAD, WEST DRAYTON UB7 0JD
For
RDP ARCHITECTS
on behalf of
INTERPOISE LTD**



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DOCUMENT CONTROL

Title: DESK STUDY AND CONCEPTUAL SITE MODEL

Project: NO. 560 SIPSON ROAD, WEST DRAYTON UB7 0JD

Client: INTERPOISE LTD

Agent: RDP ARCHITECTS

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1.0 INTRODUCTION

1.1 General

Land Science was instructed by RDP Architects on behalf of Interpoise Ltd to prepare a phase I Geo-environmental Desk Study and Conceptual Site Model in relation to the proposed development of the site at No. 560 Sipson Road, West Drayton UB7 0JD. The location is shown on Figure 1.

1.2 The Site

In summary, the site comprised one and two storey vacant club building with a large concrete surfaced car parking area. The layout of the existing site is indicated on Figure 2, and a site walkover survey is presented in section 2.0.

1.3 Form of Development

The proposed development was understood to comprise the construction of four storey hotel with a basement car parking area and associated infrastructure. Figure 3 illustrates the layout of the proposed redevelopment.

1.4 Previous Ground Investigations

Land Science was not aware of any previous investigation that may have been undertaken on the site.

1.5 Standards

Where practicable, the ground investigation and subsequent geotechnical and environmental assessments were undertaken in accordance with the following documents and guidance:

- CLR11: Model Procedures for the Management of Contaminated Land, DEFRA and Environment Agency 2004.
- Environment Agency Guidance on Requirements for Land Contamination Reports, Version 1 dated July 2005.
- National Planning Policy Framework, March 2012.
- Building Regulations Approved Document C: Site preparation and resistance to contaminants and moisture.
- NHBC Standards Chapter 4.1 Land Quality - Managing Ground Conditions, September 1999.

Other technical sources have been cited in respect of specific aspects of the investigation, as referenced throughout the text.

2.0 SITE WALKOVER

2.1 General

A site walkover was undertaken on 11 March 2013. The findings are presented in the following sections.

2.2 Site Layout

In summary, the site comprised a disused former club building, the western half of which was single storey in height with the eastern end being two storeys in height.

The northern and western ends of the site comprised a large concrete car parking area. A series of metal drain covers were noted within the northern car parking area.

The site was bordered to the south and east by a large hotel with associated car parking area, to the north by Sipson Road with an area of undeveloped land beyond.

2.3 Topography

The site was essentially level and was noted to be devoid of any vegetation.

2.4 Ground Conditions

No evidence of existing soil conditions was observed, such as existing excavations or the like.

2.5 Surface Water and Groundwater

No evidence of surface water features or water logged soil conditions were observed

3.0 DESK STUDY

3.1 General

A basic geotechnical and geo-environmental desk study was prepared, and included.

- Assessment of maps and historical borehole records from the British Geological Survey
- A review of information publically available from the Environment Agency
- A review of an environmental data report

Photographs of the site are shown in Appendix A, whilst copies of relevant other data are presented in Appendix B.

3.2 Geological Mapping

Based on mapping published online by the British Geological Survey (BGS), the geology of the site was anticipated to comprise the following succession:

Strata	Generic description
Langley Silt Member	Varies from silt to clay, commonly yellow-brown and massively bedded
Taplow Gravels	Sand and gravel, locally with lenses of silt, clay or peat.
London Clay Formation	Fine, sandy, silty clay/silty clay. Glauconitic at base

Published Geological Mapping

The British Geological Survey (BGS) 1:50,000 sheet number 269 entitled "Windsor", indicates a number of areas of worked and infilled ground within the vicinity of the site, the closest of which was located around 500m to the west.

3.3 Historical Borehole Records

Records of boreholes drilled historically held by the BGS were inspected. No relevant borehole records were available within the vicinity of the site.

3.4 Hydrogeology

Based on the geology and topography of the local area, shallow groundwater was not anticipated.

3.5 Aquifer Designation

The Environment Agency classifies geological units across England and Wales into different designations as Aquifers. The designations for strata beneath the site are given on the table below, which corresponds to an overall designation as an Unproductive Aquifer.

Geological Unit	Classification	Details
Superficial strata	Unproductive Strata	Low permeability strata that have negligible significance for water supply or river base flow
Bedrock	Unproductive Strata	Low permeability strata that have negligible significance for water supply or river base flow

EA groundwater vulnerability data

The EA website confirms that a number of areas within the vicinity of the site where the Taplow Gravels are not overlain by the Langley Silt Member are designated as being Principle Aquifers.

3.6 Source Protection Zones

A groundwater Source Protection Zone (SPZ) is an area of protection placed around a well or borehole that supplies groundwater of potable quality. The following data has been identified on and within 250m of the site according to Environment Agency mapping:

Location	Classification	Details
On site	No SPZ	No groundwater Source Protection Zones were identified within 250m of the site.

Summary of Source Protection Zones within 250m

3.7 Groundwater Abstractions

Groundwater abstractions identified as part of the desk study within a radius of 1000m of the site are summarised below.

Location	Purpose	Details
On site	N/A	No groundwater abstractions were identified within 700m of the site.
710m to W	Industrial	Bath Road, Hillingdon, - Norman Hay Ltd. Source - Groundwater – River gravels. Licensed Revoked / lapsed or cancelled.
878m to N	Mineral Washing	Wet Pit at Sipson Lane, Harmondsworth – Henry Streeter (Sand and Ballast) Ltd. Source – Groundwater.

Summary of local groundwater abstractions

3.8 Flooding

The Environment Agency identifies land potentially susceptible to flooding. Current mapping indicates that the site does not lie within an area classified as being susceptible to significant flooding.

3.9 Discharge Consents

The desk study did not identify licensed groundwater discharges to groundwater within a radius of 500m of the site boundary.

3.10 Pollution Incidents

The desk study did not identify any recorded pollution incidents to groundwater within a radius of 250m of the site boundary.

3.11 Radon Gas

The requirement for Radon Protection Measures for new dwellings and extensions on site has been assessed in accordance with BRE 211:2007. The site lies within an area whereby less than 1% of homes are estimated by the HPA to exceed an acceptable threshold for Radon gas in residential dwellings. Further data provided by the BGS confirmed that no Radon Protection Measures are required for new dwellings or extensions constructed at this location.

An action level of 200Bq.m⁻³ is set for commercial premises under the Ionising Radiation Regulations. The HPA and BGS data for residential premises is based on a lower acceptable limit of 100Bq.m⁻³. Therefore, given that Radon Protection Measures are not required for dwellings or residential extensions, it was unlikely that protection measures would be required for commercial premises.

3.12 Waste Management Facilities

A search of various waste management databases revealed the following facilities within 500m:

Location	Type	Details
390m to NE	Historic Landfill	South of Sipson Lane, Harlington, Middlesex. First input date – 31 st December 1997 Last input date – not supplied. Specified Waste – not supplied.
442m to W	Licensed Waste Management Facilities (Landfill Boundary)	SITA, Harmondsworth Landfill, Holloway Lane. Site Category – Household, Commercial and Industrial Waste Landfill. Issued – 18 th July 1995
460m to N	Licensed Waste Management Facilities (Landfill Boundary)	Sipson Lane, West Drayton – Licence Holder – Henry Streeter (Sand and Ballast) Ltd. Site Category – Non-biodegradable Wastes (Not Construction) – Issued 24 th December 2001

Summary of waste management sites within 1000m

3.13 Historical Maps

Historical maps dating back to 1890 were obtained, and the key apparent features noted on site and the surrounding area are summarised below.

Date	On Site	Off Site
1890	The site formed part of a large area of woodland / Orchards	The woodland extended to the south-east, south-west and north-west. An un-named road bordered the site to the north

		east, beyond which were areas of open land and woodland. A pond was located around 100m to the east. A marsh was located around 120m to the west. A small building was located within the woodland around 10m to the north west.
1895	No significant changes noted.	The pond to the north-east was no longer present. The marshland to the north-west was shown to have a large pond.
1914	No significant changes noted.	The marsh to the west was no longer present.
1935	No significant changes noted.	Small scale residential development has occurred to the north-west and south-east of the site.
1961-65	The site had been developed with a building commensurate with the existing structure. A car parking area at the front of the site (north-east) may be surrounded by a number of possible soft landscaping areas.	A bakery was shown immediately to the south; associated with the building was a tank located around 20m to the south. A hotel was located immediately to the south west. Between the bakery and hotel was a cooling tower located around 75m to the south. A spur of the M4 was located around 100m to the west.
1970-73	Insufficient coverage.	Insufficient coverage.
1973	No significant changes noted.	The hotel has expanded in a northerly direction into an area of former open land immediately to the west.
1988	The possible soft landscaping areas were no longer present and the car parking area occupies the remainder of the site.	The bakery (and associated tank) to the south was no longer present and the area was shown as being open land.
1988-90	No significant changes noted.	The hotel to the south and west has expanded to the east to cover the former bakery site.
1992	No significant changes noted.	No significant changes noted.

Summary of Historical Map extracts

In summary, the site appeared to initially comprise an area of woodland that was developed into the current club building around 1961. The surrounding area initially comprised open land / woodland that was developed into residential area to the north-west and south-east with commercial developments immediately to the south and south-west (a hotel and bakery).

3.14 Additional Historical Research

Hillingdon Local Archives were visited in order to review further historical land use information for the site and the local area. The research included the inspection of trade and telephone directories dating back to 1890 and local history books.

These records did not indicate any reference to buildings at the site. A book on the local history of West Drayton indicated that the club at the site may have been the location for the local branch of the British Legion.

3.15 Sensitive Land Uses

A search was made of environmentally sensitive areas, including areas of green belt, scenic or natural beauty, parks, reserves, nitrate zones, or protected conservation and scientific areas. Two areas of adopted green belt were noted 16m to the north east (also detailed as being unadopted) and 239m top the north west of the site.

3.16 Industrial Land Uses

Searches of various databases were made as part of the desk study to identify industrial land uses within 250m of the site, as summarised on the following table:

Classification	Details	Location
Contemporary trade directories	Pest Control Support Services – Inactive	239m to SE
	Petrol Filling Station – Bath Road, Harlington - Inactive	245m to SE
Local Authority Pollution Prevention and Controls	Petrol Filling Station – Bath Road, Harlington	224m to SE
Fuel station registers	Petrol Filling Station – Bath Road, Harlington	224m to SE

Summary of potentially onerous land uses

4.0 CONCEPTUAL SITE MODEL

4.1 General

The findings of the site walkover and desk study were used to formulate a preliminary geo-environmental Conceptual Site Model (CSM). The CSM has been used to identify possible risks associated with potential contamination following a source-pathway-receptor ('SPR') approach and in accordance with best practice.

4.2 Potential Sources

Contaminant sources identified on site and in the local vicinity are summarised below:

Source	Description	Notes
Soils	Made Ground	Background chemical quality of any imported fill materials. Possible elevated metals, non-metals, and organic contaminants
Gases	Made Ground.	Microbial decay of organic materials contained within Made Ground may generate Methane (typically up to 20%) and Carbon Dioxide (typically up to 10%).
	Hydrocarbons and VOCs from historic tank located around 20m to the south	The anaerobic and aerobic degradation of hydrocarbon compounds by biological processes may result in the generation of Carbon Dioxide and to a lesser extent Methane. Furthermore, such biological action may deplete concentrations of Oxygen. Short chain light hydrocarbons may also give rise to the direct generation of Volatile Organic Compound (VOC) vapours.

Identified sources of possible contaminants

The following sources have been identified as not being significant at this site:

- Land gases from natural sources and historic landfill sites

4.3 Identified Receptors

Potential receptors associated with the site and its redevelopment, identified or otherwise discounted, are summarised on the following table:

Receptor	Description	Notes
End Users	Occupants of the proposed redevelopment.	Commercial redevelopment
Soft Landscaping	Areas of planting including lawns, shrubs, trees, etc.	Communal soft landscaping is proposed within the northern and southern ends of the site.
Building Materials	Elements of the built environment in direct contact with the ground.	Buried plastics (e.g. water supplies) and concrete (e.g. foundations) may be laid.
Adjacent	Sensitive land uses identified	Commercial properties were identified within

Land Users within the immediate vicinity the immediate area.

Identified receptors

The following receptors have not been identified:

Receptor	Description	Notes
Site workers	Persons involved in construction works	The safety of workers is governed under Health & Safety Legislation, the CDM regulations.
Groundwater	Underground waters	The site overlies Unproductive Strata (Non Aquifer) of considerable thickness.
Surface water	Water in lakes and rivers etc	No significant surface water bodies have been identified in the immediate vicinity.
Ecological receptors	Statutory protected species or wildlife areas	An assessment of such risks was outside the scope of this report

Receptors not identified

4.4 Source-Pathway-Receptor Linkages

Whilst the various possible sources and receptors have been identified, the following matrix illustrates the identified pathways by which a contaminant linkage might plausibly exist:

		Sources	
		Soils	Gases / Vapours
Receptors	End Users	Ingestion, dermal contact, inhalation, ignition ^{*1}	Inhalation, ignition
	Building Materials	Chemical attack	Not applicable ^{*2}
	Soft Landscaping	Plant uptake	None
	Adjacent Land Users	None ^{*3}	None ^{*3}

Identified Source-Pathway-Receptor Linkages

Notes:

- 1 Pathways for end users include ingestion (soil, dust, dermal contact (dust and soil), inhalation (of dust))
- 2 Land gases are not considered a risk to potential water supplies under UKWIR guidance.
- 3 In the absence of transport mechanisms for the lateral migration of significant concentrations of contaminants at shallow depth (e.g. very shallow groundwater) no significant risks were identified in this respect.

5.0 CONCLUSIONS

5.1 Summary

The conceptual site model identified a number of source-pathway-receptor linkages, which will need to be evaluated by means of intrusive ground investigation, namely:

- Exposure by end users to contaminants in soils and gases/vapours.
- Chemical attack on building materials including buried pipework and concrete by soil and organic vapours.
- Potential for migration off site of contaminants in soil on site to impact on adjacent land users.
- Potential for plant phytotoxicity from contaminants in soils.

5.2 Proposed Investigation Strategy

Based on the above, the following scope of investigation is proposed:

- Drilling of window sampler boreholes, to provide shallower soils information including any Made Ground and any field evidence of contamination into the underlying soils.
- Samples of any Made Ground should be collected for laboratory analysis at approximate 1m centres (including materials bearing field evidence of contamination). The main suite of analysis is identified below.
- All samples should be screened for VOC's in headspace using a photo-ionisation detector (PID). Where evidence of VOC's is recorded, a selection of samples should be submitted for speciated VOC and SVOC analysis.
- Gas and water monitoring standpipes should be installed to establish the presence of any gas or groundwater that may enter the proposed basement carpark. The number of visits will depend on the thickness of any made ground and a preliminary set of readings. It may be necessary to undertake six monitoring visits over a period of two months, in accordance with CIRIA C665, and include periods of differing climatic and atmospheric pressure conditions.
- Where encountered, water samples should be collected from the monitoring standpipes for laboratory analysis including a similar suite of contaminants.

The analytical suite, based on the known site history, should include;

- General parameters: Acidity (pH), fraction of organic carbon.
- Metals; Arsenic, Cadmium, Chromium (total), Lead, Mercury, Selenium, Boron, Copper, Nickel and Zinc.
- Non-metals; water soluble Sulphate, Sulphide.
- Organic compounds; Monohydric Phenols, Speciated PAH (EPA16).
- Speciated TPH, VOC's and SVOC's (to be considered where evidence of hydrocarbons is encountered).
- Visual asbestos screening of all Made Ground samples. Where possible asbestos fibres or ACMs are identified, these should be examined under a microscope to determine type.

Further boreholes may be required, additional samples analysed or additional determinands added to the analysis, as appropriate, based on any field evidence of possible contamination encountered.

Based on the above, the cost for ground investigation by a reputable Consultancy with proper insurance coverage and quality control practices is estimated to be in the order of £3,000 to £4,000 ex VAT.

Works associated with investigating and treating contaminated land may qualify for tax relief under the Land Remediation Relief scheme, whereby 150% of the costs may be recovered via a corporation tax credit. It is the current owners might not be able to directly benefit from this, but the scheme may influence the value of the land if sold onto a developer or the like.

It may be possible to combine the environmental investigation with further boreholes and testing for geotechnical purposes.

5.3 Other Factors

An underground rail tunnel orientated in a north / south direction was located approximately 20m to the east of the site on a number of the maps studied. It is recommended that the location of the tunnel is confirmed.

REPORT CONDITIONS

Interpretation of ground conditions inherently depends on the conditions revealed by a limited data. We accept no liability for conditions between investigative locations or below the depth of investigation. We accept no liability for conditions not revealed due to the frequency or type of any in-situ or laboratory testing. In addition, we accept no liability for the design of the investigation, whether set-out by ourselves or specified by others. Furthermore, we do not accept liability for the means of interpreting such data, such as current assessment criteria or standard procedures.

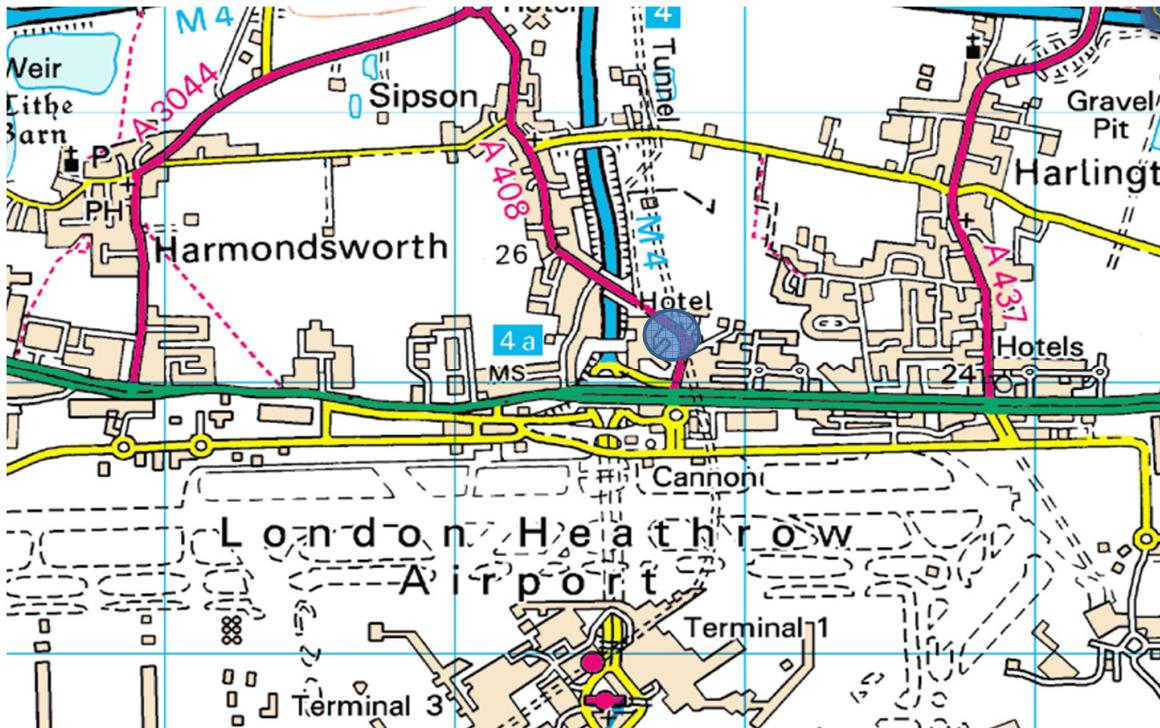
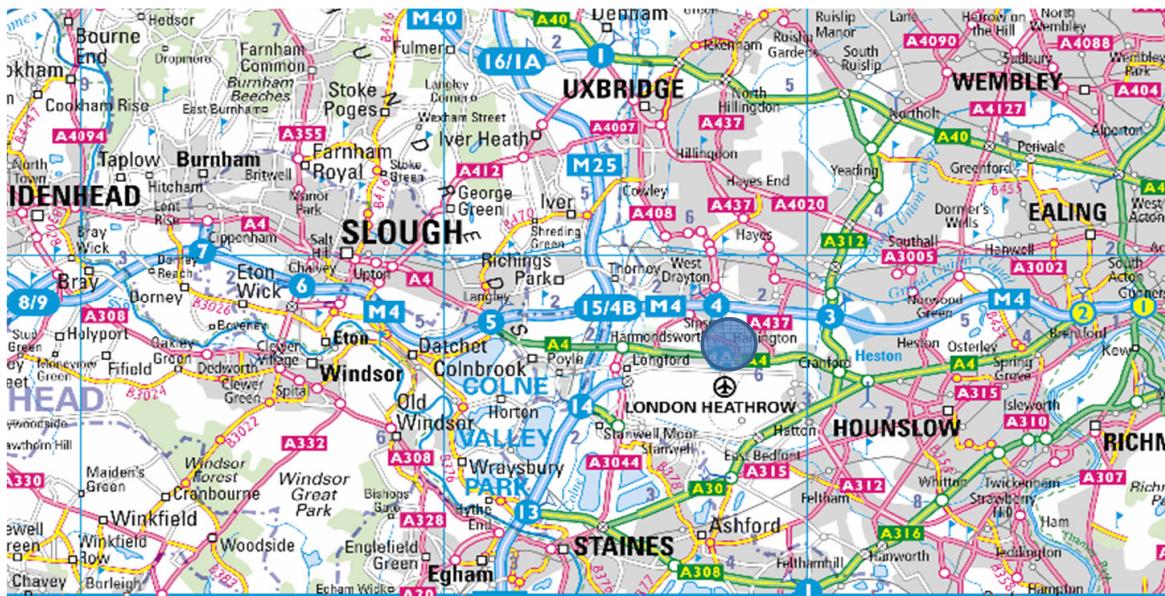
Any spatial or temporal extrapolation or inference is conjectural and no liability can be accepted for its accuracy; in particular, differing conditions may be revealed between or under points of investigation, and the concentrations or levels of mobile liquid and gaseous materials are likely to vary over time. It is also an inherent aspect of any investigation that areas of concern not previously anticipated are identified as works progress, and elements of the project design may vary during or after completion of the investigation; whilst every effort is made to tailor the investigation to suit within practical constraints as works progress, it may become necessary to undertake additional investigation work.

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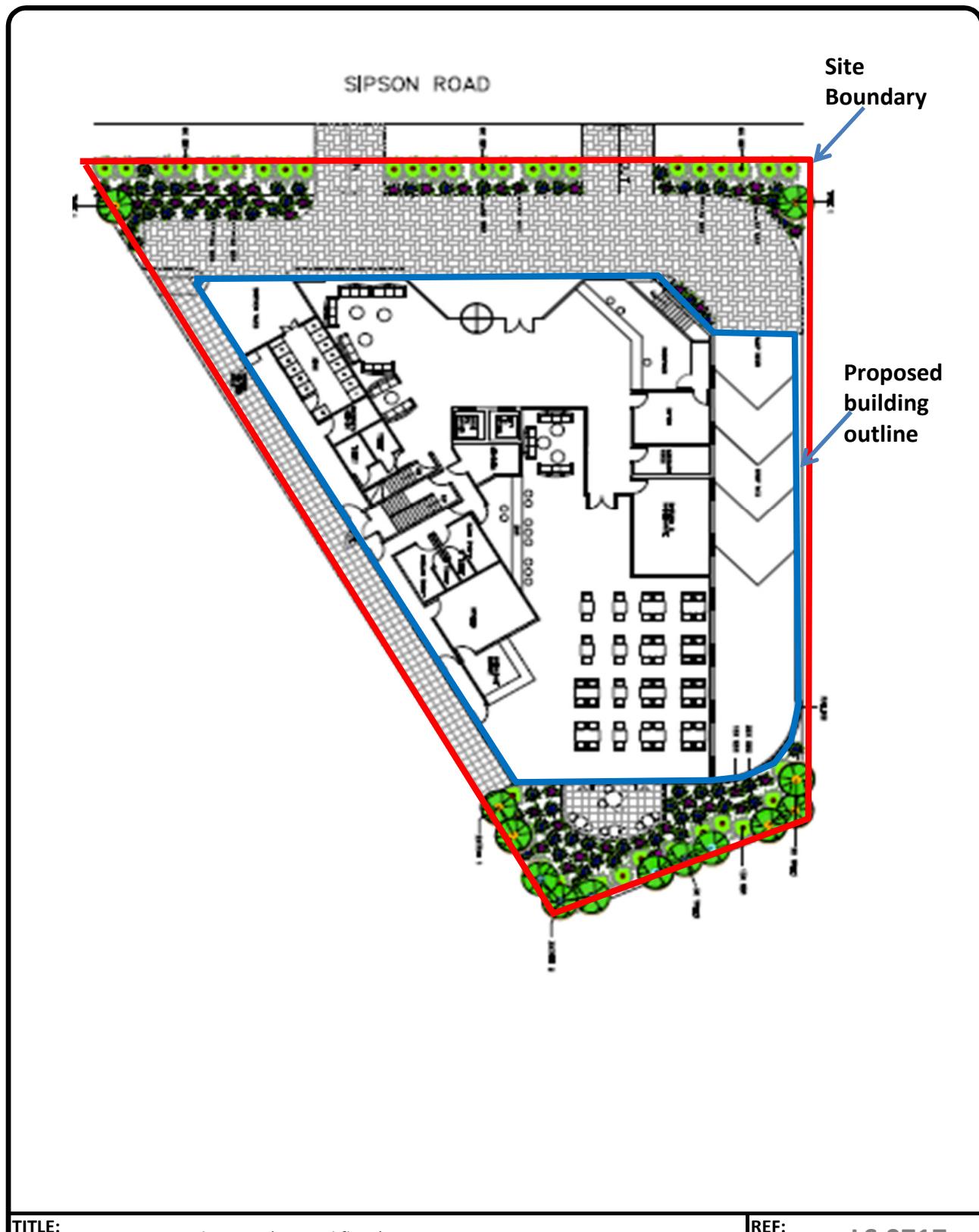
GLOSSARY

BGS	British Geological Survey
BH	Borehole
BRE	Building Research Establishment
BSI	British Standards Institute
CBR	California Bearing Ratio
CDM	Construction Design and Management regulations
CFA	Continual Flight Auger
CIRIA	Construction Industry Research and Information Association
CLEA	Contaminated Land Exposure Assessment model
CLR	Contaminated Land Remediation report
COSHH	Control of Substances Hazardous to Human Health regulations
COMAH	Control of Major Accident Hazards regulations
CSM	Conceptual Site Model
DEFRA	Department for Environment, Food and Rural Affairs
DETR	Department for Environment, Transport and the Regions
DQRA	Detailed Quantitative Risk Assessment
DP	Dynamic Probe
EA	Environment Agency
EQS	Environmental Quality Standards
F.O.C	Fraction of Organic Carbon (used in environmental risk assessments in partitioning contaminants between soil organic matter and other phases)
GAC	Generic Assessment Criterion (a comparative concentration set for screening and assessing soil contamination based on standard exposure parameters)
GQRA	Generic Quantitative Risk Assessment (a preliminary assessment of risk from soil contamination using GAC)
Hot-spot	A distinct zone of elevated results in soil, gas or groundwater
HPA	Health Protection Agency
HSE	Health and Safety Executive
ICRCL	Inter-departmental Committee for the Redevelopment of Contaminated Land
IPC	Integrated Pollution Control
IPPC	Integrated Pollution Prevention and Control
NHBC	National House Building Council
NIHHS	Notification of Installations Handling Hazardous Substances
PAH's	Polycyclic Aromatic Hydrocarbons
PBET	Physiological Based Extraction Testing
PQRA	Preliminary Quantitative Risk Assessment
QRA	Quantitative Risk Assessment

SGV	Soil Guideline Value (a GAC calculated by the Environment Agency using the CLEA model)
SOM	Soil Organic Matter (a measure of organic compounds within soil, used in risk assessments)
SPZ	Source Protection Zone (an area placed around a groundwater abstraction borehole of potable quality to protect quality)
SPT	Standard Penetration Test (either a cone or split-spoon driven by a hammer of set weight and dropped a set distance used as a gauge of the density or consistency of soils)
ST-WEL	Short Term Workplace Exposure Limit (a maximum acceptable concentration of a contaminant in air for commercial premises)
SVOC's	Semi-Volatile Organic Compounds
TP	Trial Pit (an excavation made to investigate near surface ground and groundwater conditions, usually undertaken by machine)
TPH	Total Petroleum Hydrocarbons (a bulk measure of all organic compounds usually with equivalent carbon numbers of c10 to c40, sometimes sub-divided into aromatic and aliphatic species and differing groups of equivalent carbon numbers)
TRRL	Transport Road Research Laboratory
TT	Trial Trench (an elongate excavation usually across a specific feature or area to investigate near surface ground and groundwater conditions)
TWA-WEL	Time Weighted Average Workplace Exposure Limit (an acceptable concentration of a contaminant in air for commercial premises based on average exposure over 8 hours)
VOC's	Volatile Organic Compounds
WAC	Waste Acceptance Criteria (a series of threshold concentrations defining wastes as Inert, Hazardous or Non-Hazardous)
WRAS	Water Regulations Advisory Scheme
WS	Window Sampler (a low-impact drilling technique involving 1m long small diameter tubes driven into the ground)



TITLE: Site Location		REF: LS 0717
PROJECT: No. 560 Sipson Road, West Drayton, UB7 0JD		VERSION v1
CLIENT: Interpose LTD		FIGURE: 1
PREPARED: MR	CHECK: ET	DATE: 25/03/2013
SHEET No: page: 1 of 1		



TITLE: Proposed Layout (Ground floor)			REF: LS 0717
PROJECT: No. 560 Sipson Road, West Drayton, UB7 0JD			VERSION v1
CLIENT: Interpoise LTD			FIGURE: 2
PREPARED: MR	CHECK: ET	DATE: 25/03/2013	SHEET No: page: 1 of 1

APPENDIX A



Photograph 1 - View looking south west from the north eastern corner of the site



Photograph 2 - View looking east from the western site boundary



Photograph 3 - View looking north west from the south eastern corner of the site



Photograph 4 - View looking north east from the south eastern corner of the site

TITLE: Site Photographs			REF: LS0717
PROJECT: No. 560 Sipson Road, West Drayton, UB7 0JD			VERSION v1
CLIENT: Interpoise LTD			Photos: 1 to 3
PREPARED: MR	CHECK: ET	DATE: 25/03/2013	SHEET No: page: 1 of 1

APPENDIX B

Envirocheck® Report: Datasheet

Order Details:

Order Number:
44718907_1_1

Customer Reference:
LS0717

National Grid Reference:
507700, 177200

Slice:
A

Site Area (Ha):
0.11

Search Buffer (m):
1000

Site Details:

Sipson Road
WEST DRAYTON
Middlesex
UB7 0JD

Client Details:

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Report Section	Page Number
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Introduction

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

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v47.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1				4
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control	pg 2			2	3
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 3		1	2	4
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 3		Yes		
Pollution Incidents to Controlled Waters	pg 4				2
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 4				3 (*13)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 8	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 8	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 8	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				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
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 9			1	2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 9			2	5
Licensed Waste Management Facilities (Locations)	pg 11				4
Local Authority Recorded Landfill Sites					
Registered Landfill Sites	pg 12				6
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 15	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 15	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 18				4
BGS Urban Soil Chemistry	pg 19		Yes	Yes	Yes
BGS Urban Soil Chemistry Averages	pg 20	Yes			
Brine Compensation Area			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 20	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 21	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 21	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 22		2	8	28
Fuel Station Entries	pg 25		1		

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Areas of Adopted Green Belt	pg 26		2	1	3
Areas of Unadopted Green Belt	pg 26		1		
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 26			1	
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: Sewerage Network - Pumping Station - Water Company Location: Sipson Lane, West Drayton Sipson Lanewest Drayton Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.1912 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Colne Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A18NW (NW)	732	1	507400 177900
1	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: Sewerage Network - Pumping Station - Water Company Location: Sipson Lane, West Drayton Sipson Lanewest Drayton Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.1912 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: Colne Status: Temporary Consents (Water Act 1989, Section 113) Positional Accuracy: Located by supplier to within 100m	A18NW (NW)	732	1	507400 177900
2	Discharge Consents Operator: Rmc (Transits) Ltd. Property Type: Ready Mixed Concrete Location: Wall Garden Farm, Sipson Lane, Sipson, West Drayton, Middlesex Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.2544 Permit Version: 2 Effective Date: 29th November 2006 Issued Date: 29th November 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Irrigation Area Environment: Receiving Water: Brickearth And River Gravel Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 10m	A18NW (N)	827	1	507610 178050
2	Discharge Consents Operator: Rmc (Transits) Ltd. Property Type: Ready Mixed Concrete Location: Wall Garden Farm, Sipson Lane, Sipson, West Drayton, Middlesex Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CTWC.2544 Permit Version: 1 Effective Date: 21st June 1988 Issued Date: 21st June 1988 Revocation Date: 10th January 2007 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Irrigation Area Environment: Receiving Water: Brickearth And River Gravel Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 100m	A18NW (N)	827	1	507610 178050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Integrated Pollution Prevention And Control Name: Heathrow Airport Ltd Location: Terminal5 Energy Centre, 234 Bath Road, Heathrow Airport,,, HOUNSLOW, UB3 5AP Authority: Environment Agency - South East Region, North East Thames Area Permit Reference: BQ3789IK Original Permit Ref: Bq3789ik Effective Date: 19th December 2003 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y	A14SW (SE)	432	1	508088 176979
3	Integrated Pollution Prevention And Control Name: Heathrow Airport Ltd Location: Terminal5 Energy Centre, 234 Bath Road, Heathrow Airport, Hounslow, UB3 5AP Authority: Environment Agency, Thames Region Permit Reference: Bq3789ik Original Permit Ref: Bq3789ik Effective Date: 19th December 2003 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y	A14SW (SE)	432	1	508088 176979
4	Integrated Pollution Prevention And Control Name: Henry Streeter (Sand And Ballast) Ltd Location: Sipson Lane, Sipson, West Drayton, Middlesex, UB7 0JG Authority: Environment Agency, Thames Region Permit Reference: QP3937LR Original Permit Ref: Bt7183ia Effective Date: 31st March 2008 Status: Revoked Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y	A18NW (N)	912	1	507621 178136
4	Integrated Pollution Prevention And Control Name: Henry Streeter (Sand And Ballast) Ltd Location: Sipson North East Inert Landfill, Sipson North East Inert Landfi, Off Sipson Road, Sipson,, WEST DRAYTON, Middlesex, UB7 0JG Authority: Environment Agency - South East Region, North East Thames Area Permit Reference: BT7183IA Original Permit Ref: Bt7183ia Effective Date: 4th June 2004 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 5.2 A(1) (B) Activity Description: Waste Landfilling; Any Other Landfill To Which The 2002 Landfill Regulations Apply Primary Activity: Y	A18NW (N)	912	1	507621 178136
4	Integrated Pollution Prevention And Control Name: Henry Streeter (Sand And Ballast) Ltd Location: Sipson North East Inert Landfill, Sipson North East Inert Landfi, Off Sipson Road, Sipson, West Drayton, Middlesex, UB7 0JG Authority: Environment Agency, Thames Region Permit Reference: Bt7183ia Original Permit Ref: Bt7183ia Effective Date: 4th June 2004 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 5.2 A(1) (B) Activity Description: Waste Landfilling; Any Other Landfill To Which The 2002 Landfill Regulations Apply Primary Activity: Y	A18NW (N)	912	1	507621 178136

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Local Authority Pollution Prevention and Controls Name: Star Harlington Location: Sipson Corner, Bath Road, Harlington, HAYES, Middlesex, UB3 5AZ Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/SS/1/030/09/1998 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	A13SE (SE)	224	2	507806 176977
6	Local Authority Pollution Prevention and Controls Name: Customs House Location: Nettleton Road, Heathrow Airport North, UXBRIDGE, Middlesex, UB10 8ER Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: B1/11 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG5/4 General waste incineration processes under 1 tonne an hour Status: Authorised Positional Accuracy: Manually positioned to the address or location	A8NE (S)	345	2	507821 176851
7	Local Authority Pollution Prevention and Controls Name: Mt Operations Base Location: Heathrow Airport, Heathrow, Ub3 5ap Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/SS/1/050/12/2001 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	432	2	508088 176979
8	Local Authority Pollution Prevention and Controls Name: Bp Heathrow Airside Location: Central Inner Ring, Heathrow Airport, Hounslow, Middlesex, Ub3 5ap Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/SS/1/046/08/1999 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	528	2	508150 176898
8	Local Authority Pollution Prevention and Controls Name: Bp Heathrow Landside Location: Inner Ring Road, Hounslow, Ub3 5ap Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/SS/1/004/04/1998 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	528	2	508150 176898
9	Local Authority Pollution Prevention and Controls Name: British Airways Engineering Base Location: PO Box 10, London Heathrow Airport, HOUNSLOW, Middlesex, TW6 2JA Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/B3/26 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/40 Coating and recoating of aircraft and aircraft components Status: Authorised Positional Accuracy: Manually positioned to the address or location	A9SW (SE)	905	2	508320 176516
10	Local Authority Pollution Prevention and Controls Name: Ready Mixed Concrete Location: Sipson Lane, WEST DRAYTON, Middlesex, UB7 0JG Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: B2/06 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Authorised Positional Accuracy: Automatically positioned to the address	A18NW (N)	912	2	507621 178136
	Nearest Surface Water Feature	A13NE (NE)	15	-	507715 177226

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Pollution Incidents to Controlled Waters Property Type: Not Given Location: CIPPENHAM Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Urban Runoff Note: Confirmed As A Pollution Incident Incident Date: 7th October 1993 Incident Reference: S1930429 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	A9SW (SE)	840	1	508200 176500
12	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Heathrow Airport Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 9th June 1990 Incident Reference: N1900313 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	880	1	507600 176300
13	Water Abstractions Operator: Norman Hay Plc Licence Number: 28/39/36/0062 Permit Version: Not Supplied Location: Bath Road, HILLINGDON Authority: Environment Agency, Thames Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 840 Yearly Rate (m3): 306000 Details: River Gravel; Licence Status: Revoked; Lapsed Or Cancelled Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12SW (W)	710	1	507000 177000
14	Water Abstractions Operator: Henry Streeter (Sand & Ballast) Limited Licence Number: 28/39/36/0059 Permit Version: 101 Location: Wet Pit At Sipson Lane, Harmondsworth Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Sipson Lane, Harmondsworth Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st March 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18NW (N)	878	1	507600 178100
14	Water Abstractions Operator: Henry Streeter (Sand & Ballast) Limited Licence Number: 28/39/36/0059 Permit Version: 100 Location: Wet Pit At Sipson Lane, Harmondsworth Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 2455 Yearly Rate (m3): 649318 Details: Sipson Lane, Harmondsworth Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 6th December 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18NW (N)	878	1	507600 178100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: R & R Barwick Licence Number: 28/39/36/0023 Permit Version: 100 Location: Borehole 'C' At Home Farm, Harmondsworth Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Home Farm, Harmondsworth Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 27th July 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (W)	1228	1	506460 177260
	Water Abstractions Operator: R & R Barwick Licence Number: 28/39/36/0023 Permit Version: 100 Location: Borehole 'C' At Home Farm, Harmondsworth Authority: Environment Agency, Thames Region Abstraction: General Agriculture: 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: Home Farm, Harmondsworth Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 27th July 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (W)	1228	1	506460 177260
	Water Abstractions Operator: Sita Environment Limited Licence Number: 28/39/36/0070 Permit Version: 2 Location: Harmondsworth Quarry, West Drayton-Lagoon Authority: Environment Agency, Thames Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Harmondsworth Quarry, Holloway Lane, West Drayton, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th January 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1296	1	506640 177990
	Water Abstractions Operator: Sita Products And Services Ltd Licence Number: 28/39/36/0070 Permit Version: 1 Location: Harmondsworth Quarry, West Drayton-Borehole A Authority: Environment Agency, Thames Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Harmondsworth Quarry, Holloway Lane, West Drayton, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th January 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1296	1	506640 177990

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Avis Rent A Car Limited Licence Number: 28/39/36/0058 Permit Version: 100 Location: Borehole At Northrop Road, Heathrow Airport, Hounslow Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 30 Yearly Rate (m3): 10980 Details: Northrop Road, Heathrow Airport, Hounslow Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10NW (E)	1342	1	509000 176800
	Water Abstractions Operator: R & R Barwick Licence Number: 28/39/36/0023 Permit Version: 100 Location: Borehole 'B' At Home Farm, Harmondsworth Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Home Farm, Harmondsworth Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 27th July 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16SW (W)	1600	1	506130 177590
	Water Abstractions Operator: R & R Barwick Licence Number: 28/39/36/0023 Permit Version: 100 Location: Borehole 'B' At Home Farm, Harmondsworth Authority: Environment Agency, Thames Region Abstraction: General Agriculture: 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: Home Farm, Harmondsworth Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 27th July 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16SW (W)	1600	1	506130 177590
	Water Abstractions Operator: Q-Park Limited Licence Number: 28/39/36/0063 Permit Version: 101 Location: Argonaut House, Bath Road, Hayes- Borehole A Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Argonaut House, Bath Road, Hayes Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th December 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1745	1	509410 176770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: R & R Barwick Licence Number: 28/39/36/0023 Permit Version: 100 Location: Borehole 'A' At Home Farm, Harmondsworth Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1309 Yearly Rate (m3): 27276 Details: Home Farm, Harmondsworth Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 27th July 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1820	1	505930 177700
	Water Abstractions Operator: R & R Barwick Licence Number: 28/39/36/0023 Permit Version: 100 Location: Borehole 'A' At Home Farm, Harmondsworth Authority: Environment Agency, Thames Region Abstraction: General Agriculture: 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: Home Farm, Harmondsworth Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 27th July 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1820	1	505930 177700
	Water Abstractions Operator: Budget Rent A Car International Licence Number: 28/39/36/0063 Permit Version: 100 Location: Argonaut House, Hayes - Borehole Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Argonaut House, Bath Road, Hayes Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th December 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1825	1	509500 176800
	Water Abstractions Operator: Henry Streeter (Sand & Ballast) Limited Licence Number: 28/39/36/0060 Permit Version: 101 Location: Wet Pit At High Street, Harlington, Middlesex Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: High Street, Harlington, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st March 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(NE)	1859	1	509400 178000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Henry Streeter (Sand & Ballast) Limited Licence Number: 28/39/36/0060 Permit Version: 100 Location: Wet Pit At High Street, Harlington, Middlesex Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 2455 Yearly Rate (m3): 649318 Details: High Street, Harlington, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 6th December 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(NE)	1859	1	509400 178000
	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	A13NW (NE)	0	1	507698 177201
	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	A13NW (NE)	0	1	507698 177201
	Bedrock Aquifer Designations Aquifer Desination: Unproductive Strata	A13NW (NE)	0	3	507698 177201
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A13NW (NE)	0	3	507698 177201
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	Historical Landfill Sites Licence Holder: Henry Streeter (Sand and Ballast) Limited Location: South of Sipson Lane, Harlington, Middlesex Name: Imperial College Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD13178 First Input Date: 31st December 1997 Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 80069 Regis Ref: TE1/L/STR004 WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: STR030	A13NE (NE)	390	1	507988 177490
16	Historical Landfill Sites Licence Holder: Not Supplied Location: Heathrow Airport, Hillingdon, London Name: Heathrow Runway Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11181 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: 8HI054	A8NE (S)	589	1	507893 176618
17	Historical Landfill Sites Licence Holder: Drinkwater Sabey Limited Location: Holloway Lane Name: Holloway Lane Quarry Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11172 First Input Date: 31st December 1983 Last Input Date: 30th April 1994 Specified Waste: Deposited Waste included Inert, Industrial, Commercial and Household Waste Type: EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: 5510/0052 BGS Ref: Not Supplied Other Ref: 8HI028, DL118, HIL033	A17SW (NW)	959	1	506958 177850
18	Licensed Waste Management Facilities (Landfill Boundaries) Name: Harmondsworth L F S Sipson Licence Number: 80026 Location: SITA Products & Services Ltd, Harmondsworth Landfill, Holloway Lane, Sipson, West Drayton, Middlesex, UB7 0AE Licence Holder: Sita UK Ltd Authority: Environment Agency - South East Region, North East Thames Area Site Category: Household, Commercial And Industrial Waste Landfills Max Input Rate: Not Supplied Licence Status: IPPC Issued: 18th July 1995 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A12NE (W)	442	1	507248 177272
19	Licensed Waste Management Facilities (Landfill Boundaries) Name: South Of Sipson Lane II Licence Number: 80531 Location: Sipson Lane, Off Sipson Road, Sipson, West Drayton, Middlesex, UB7 0JG Licence Holder: Henry Streeter (Sand & Ballast) Ltd Authority: Environment Agency - South East Region, North East Thames Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Max Input Rate: Not Supplied Licence Status: Modified Issued: 24th December 2001 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A18SE (N)	460	1	507829 177664

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Licensed Waste Management Facilities (Landfill Boundaries) Name: Sipson North East Inert Landfill Licence Number: 80594 Location: Sipson Lane, Off Sipson Road, West Drayton, Middlesex, UB7 0JG Licence Holder: Henry Streeter (Sand & Ballast) Ltd Authority: Environment Agency - South East Region, North East Thames Area Site Category: Inert LF Max Input Rate: Not Supplied Licence Status: Modified Issued 4th June 2004 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A18NW (N)	686	1	507660 177912
21	Licensed Waste Management Facilities (Landfill Boundaries) Name: North Of Sipson Lane, Harlington Licence Number: 80067 Location: Henry Streeter (Sand & Ballast) Ltd, North Of Sipson Lane, Harlington, Hayes, Middlesex, UB7 0JG Licence Holder: Henry Streeter (Sand & Ballast) Ltd Authority: Environment Agency - South East Region, North East Thames Area Site Category: Landfills Taking Other Wastes (Construction, Demolition, Dredgings) Max Input Rate: Not Supplied Licence Status: IPPC Issued 15th September 1993 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A18NE (N)	687	1	507720 177913
22	Licensed Waste Management Facilities (Landfill Boundaries) Name: Little Harlington Field Licence Number: 80070 Location: Henry Streeter (Sand & Ballast) Ltd, Little Harlington Field, Sipson Lane, Sipson, Middlesex, UB7 0JG Licence Holder: Henry Streeter (Sand & Ballast) Ltd Authority: Environment Agency - South East Region, North East Thames Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Max Input Rate: Not Supplied Licence Status: Closure Issued 7th April 1992 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A18NE (N)	688	1	507752 177911
23	Licensed Waste Management Facilities (Landfill Boundaries) Name: Imperial College Licence Number: 80069 Location: Henry Streeter (Sand & Ballast) Ltd, Imperial College, Of) Sipson Lane, Harlington, Middlesex, UB7 0JG Licence Holder: Henry Streeter (Sand & Ballast) Ltd Authority: Environment Agency - Thames Region, North East Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Max Input Rate: Not Supplied Licence Status: Closure Issued 5th June 1997 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A18SE (NE)	721	1	508010 177871
24	Licensed Waste Management Facilities (Landfill Boundaries) Name: Henry Streeter Wall Garden Farm Licence Number: 80373 Location: Henry Streeter (Sand & Ballast) Ltd, Wall Garden Farm, Sipson Lane, Sipson, Middlesex Licence Holder: Henry Streeter (Sand & Ballast) Ltd Authority: Environment Agency - Thames Region, North East Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Max Input Rate: Not Supplied Licence Status: Closure Issued 15th May 1998 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A18NW (N)	793	1	507649 178018

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	Licensed Waste Management Facilities (Locations) Licence Number: 80069 Location: (south, Of) Sipson Lane, Harlington, Middlesex, UB7 0JG Operator Name: Henry Streeter (Sand & Ballast) Ltd Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Licence Status: Closed Issued: 5th June 1997 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SE (N)	659	1	507900 177850
26	Licensed Waste Management Facilities (Locations) Licence Number: 80594 Location: Sipson Lane, Off Sipson Road, West Drayton, Middlesex, UB7 0JG Operator Name: Henry Streeter (Sand & Ballast) Ltd Operator Location: Not Supplied Authority: Environment Agency - South East Region, North East Thames Area Site Category: Inert LF Licence Status: Modified Issued: 4th June 2004 Last Modified: 29th March 2011 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NW (N)	687	1	507663 177913
26	Licensed Waste Management Facilities (Locations) Licence Number: 80531 Location: Sipson Lane, Off Sipson Road, Sipson, West Drayton, Middlesex, UB7 0JG Operator Name: Henry Streeter (Sand & Ballast) Ltd Operator Location: Not Supplied Authority: Environment Agency - South East Region, North East Thames Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Licence Status: Modified Issued: 24th December 2001 Last Modified: 29th March 2011 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NW (N)	687	1	507663 177913
26	Licensed Waste Management Facilities (Locations) Licence Number: 80070 Location: Little Harlington Field, Sipson Lane, Sipson, Middlesex, UB7 0JG Operator Name: Henry Streeter (Sand & Ballast) Ltd Operator Location: Not Supplied Authority: Environment Agency - South East Region, North East Thames Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Licence Status: Closed Issued: 7th April 1992 Last Modified: 27th September 1994 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NW (N)	689	1	507666 177915
	Local Authority Landfill Coverage Name: London Borough of Hillingdon - Has not been able to supply Landfill data		0	2	507698 177201

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	<p>Registered Landfill Sites</p> <p> Licence Holder: Sita Products & Services Ltd Licence Reference: DL600 Site Location: Holloway Lane Quarry, South Of Harmondsworth Lane, Sipson, West Drayton, Middlesex, UB7 0ae Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: The Pickeridge, Stoke Common Road, FULMER, Buckinghamshire, SL3 6HA Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source Restrictions: Status: Operational as far as is known Dated: 25th August 2000 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good Authorised Waste Contaminated Soils Degradable Commercial Waste (As In Post'98 E.A.Lics & Equivalent To 22.09.02) Degradable Industrial Waste (As In Post'98 E.A.Lics & Equivalent To 22.09.03) Inert Materials (As In Post'98 E.A.Lics And Equivalent To 21.00.00) Maximum Daily Waste Permitted By Licence With Annual Maximum Waste Prohibited Waste Clinical Wastes Other Waste/Waste Not Otherwise Specified Special Waste (As In Epa 1990:S62 Of 1996 Regs) </p>	A12NE (W)	537	1	507152 177256
28	<p>Registered Landfill Sites</p> <p> Licence Holder: Bfi Ltd Licence Reference: DL600 Site Location: Holloway Lane Quarry, South Of Harmondsworth Lane, Sipson, West Drayton, Middlesex, UB7 0ae Licence Easting: 507100 Licence Northing: 177600 Operator Location: The Pickeridge, Stoke Common Road, Fulmer, SLOUGH, Berkshire, SL3 6HA Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source Restrictions: Status: Record superseded Dated: 18th July 1995 Preceded By: Not Given Licence: Superseded By: DL600 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste Most Lwra Cat. A = Inert Wastes Silt From Holloway Lane Gravel Plant Prohibited Waste Clinical - As In Coll/Disp.Reg. Of '88 Special Wastes Waste N.O.S. </p>	A17SE (NW)	696	1	507100 177600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	Registered Landfill Sites Licence Holder: Henry Streeter (Sand & Ballast) Ltd Licence Reference: T/NE/STR030 Site Location: Imperial College Site, South of Sipson Lane Landfill, Sipson, WEST DRAYTON, Middlesex, UB7 0JG Licence Easting: 508200 Licence Northing: 178000 Operator Location: 66 Purley Way, CROYDON, Surrey, CR9 6EG Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source Restrictions: Status: Operational as far as is known Dated: 5th June 1997 Preceded By Licence: Superseded By Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste Lwra Cat. A = Inert Wastes Prohibited Waste Clinical - As In Control.Waste Regs'92 Liquid Wastes Sludge Wastes Spec.Waste (Epa'90:S62/1996 Regs) Unweathered Road Metal Waste N.O.S.	A19NW (NE)	928	1	508200 178000
29	Registered Landfill Sites Licence Holder: Henry Streeter (Sand & Ballast) Ltd Licence Reference: DL293 Site Location: Imperial College Sports Ground, Sipson Lane, Hayes, Middlesex Licence Easting: 508200 Licence Northing: 178000 Operator Location: High Street, Harlington, Hayes, Hillingdon, Middlesex, Ub3 5da Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st January 1989 Preceded By Licence: Superseded By Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste Hardcore,Brickwork,Stone,Concrete Max.Waste Permitted By Licence-Stated Prohibited Waste Road Metal Sand, Silica Subsoil, Clay Clinical - As In Coll/Disp.Regs Of '88 Notifiable Wastes Special Wastes	A19NW (NE)	928	1	508200 178000
30	Registered Landfill Sites Licence Holder: Henry Streeter (Sand & Ballast) Ltd Licence Reference: DL381 Site Location: Little Harlington Field, Sipson Lane, Sipson, WEST DRAYTON, Middlesex, UB7 0JG Licence Easting: 507900 Licence Northing: 178150 Operator Location: 66 Purley Way, CROYDON, Surrey, CR9 6EG Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source Restrictions: Status: Site dormant Dated: 7th April 1992 Preceded By Licence: Superseded By Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste Lwra Cat. A = Inert Wastes Prohibited Waste Weathered Road Metal For Site Roads Clinical - As In Coll/Disp.Regs Of '88 Special Wastes	A18NE (N)	948	1	507900 178150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	<p>Registered Landfill Sites</p> <p> Licence Holder: Henry Streeter (Sand & Ballast) Ltd Licence Reference: STR055 Site Location: Wall Garden Farm, Sipson Lane, Sipson, West Drayton, Middlesex Licence Easting: 507500 Licence Northing: 178200 Operator Location: 66 Purley Way, CROYDON, Surrey, CR9 6EG Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Status: Operational as far as is known Dated: 15th May 1998 Preceded By: Not Given Licence: Not Given Superseded By: Not Given Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Lwra Cat. A = Inert Wastes Prohibited Waste: Waste N.O.S. </p>	A18NW (N)	991	1	507500 178200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: London Clay	A13NW (NE)	0	3	507698 177201
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A13NW (NE)	0	4	507698 177201
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A13SW (S)	174	4	507698 177000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A13NE (E)	280	4	508000 177201
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A13SE (SE)	347	4	508000 177000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A8NE (S)	405	4	507715 176769
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A12NE (W)	469	4	507222 177282

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A8NE (SE)	503	4	508000 176771
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A14NW (NE)	680	4	508334 177497
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A12NW (W)	686	4	507000 177201
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A12NW (W)	689	4	507000 177270
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A18NE (N)	693	4	507708 177920
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A12SW (W)	710	4	507000 177000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A18NE (NE)	729	4	508000 177885
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A18NW (N)	774	4	507662 178000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A18NW (N)	774	4	507698 178000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A7NW (SW)	817	4	507000 176739
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A18NE (N)	834	4	508000 178000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A18NW (N)	871	4	507645 178096

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A17SW (NW)	991	4	506922 177856
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A19NW (NE)	998	4	508322 178000
32	BGS Recorded Mineral Sites Site Name: Imperial College Playing Fields , Sipson, Harlington, Middlesex Location: Sipson, Harlington, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 2402 Type: Opencast Status: Ceased Operator: Henry Streeter Sand & Ballast Ltd Operator Location: Henry Streeter Sand & Ballast Ltd, 66 Purley Way, Croydon, Surrey, Cr9 4bd Periodic Type: Quaternary Geology: River Thames Gravel Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	559	3	508045 177660
33	BGS Recorded Mineral Sites Site Name: Wall Garden Farm Quarry Location: Off Sipson Road Sipson Lane, Sipson, West Drayton, Middlesex, Ub7 0jg Source: British Geological Survey, National Geoscience Information Service Reference: 6876 Type: Opencast Status: Active Operator: Henry Streeter Sand & Ballast Ltd Operator Location: Henry Streeter Sand & Ballast Ltd, 66 Purley Way, Croydon, Surrey, Cr9 4bd Periodic Type: Quaternary Geology: Taplow Gravel Formation (Taplow Terrace) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A18NW (N)	861	3	507540 178075
34	BGS Recorded Mineral Sites Site Name: Harmondsworth Lane Location: Sipson Road, West Drayton, Hillingdon, Ub7 0ae Source: British Geological Survey, National Geoscience Information Service Reference: 2399 Type: Opencast Status: Ceased Operator: Sita Holdings Uk Ltd Operator Location: Sita Holdings Uk Ltd, Sita House, Grenfell Road, Maidenhead, Berkshire, Sl6 1es Periodic Type: Quaternary Geology: Taplow Gravel Formation (Taplow Terrace) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A17SW (W)	898	3	506850 177550
35	BGS Recorded Mineral Sites Site Name: Imperial College Playing Fields North Location: , Harlington, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 6877 Type: Opencast Status: Ceased Operator: Henry Streeter Sand & Ballast Ltd Operator Location: Henry Streeter Sand & Ballast Ltd, 66 Purley Way, Croydon, Surrey, Cr9 4bd Periodic Type: Quaternary Geology: Taplow Gravel Formation (Taplow Terrace) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A19NE (NE)	987	3	508430 177890

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: 507646, 177290 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 15.00 mg/kg Concentration: Cadmium Measured 4.10 mg/kg Concentration: Chromium Measured 106.00 mg/kg Concentration: Lead Measured 222.00 mg/kg Concentration: Nickel Measured 32.00 mg/kg Concentration:	A13NW (NW)	76	3	507646 177290
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 507273, 177206 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 15.00 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 78.00 mg/kg Concentration: Lead Measured 188.00 mg/kg Concentration: Nickel Measured 22.00 mg/kg Concentration:	A12NE (W)	413	3	507273 177206
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 507626, 177788 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 11.00 mg/kg Concentration: Cadmium Measured 0.80 mg/kg Concentration: Chromium Measured 90.00 mg/kg Concentration: Lead Measured 106.00 mg/kg Concentration: Nickel Measured 21.00 mg/kg Concentration:	A18SW (N)	565	3	507626 177788
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 508322, 177227 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 29.00 mg/kg Concentration: Cadmium Measured 1.40 mg/kg Concentration: Chromium Measured 107.00 mg/kg Concentration: Lead Measured 276.00 mg/kg Concentration: Nickel Measured 36.00 mg/kg Concentration:	A14NW (E)	602	3	508322 177227
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 507309, 177742 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 14.00 mg/kg Concentration: Cadmium Measured 1.20 mg/kg Concentration: Chromium Measured 77.00 mg/kg Concentration: Lead Measured 315.00 mg/kg Concentration: Nickel Measured 28.00 mg/kg Concentration:	A17SE (NW)	640	3	507309 177742

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: 508188, 177706 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 14.00 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 38.00 mg/kg Concentration: Lead Measured 23.00 mg/kg Concentration: Nickel Measured 12.00 mg/kg Concentration:	A19SW (NE)	686	3	508188 177706
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 507645, 178107 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 12.00 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 80.00 mg/kg Concentration: Lead Measured 130.00 mg/kg Concentration: Nickel Measured 21.00 mg/kg Concentration:	A18NW (N)	882	3	507645 178107
	BGS Urban Soil Chemistry Averages Source: British Geological Survey, National Geoscience Information Service Sample Area: London Count Id: 7189 Arsenic Minimum 1.00 mg/kg Concentration: Arsenic Average 17.00 mg/kg Concentration: Arsenic Maximum 161.00 mg/kg Concentration: Cadmium Minimum 0.30 mg/kg Concentration: Cadmium Average 0.90 mg/kg Concentration: Cadmium Maximum 165.20 mg/kg Concentration: Chromium Minimum 13.00 mg/kg Concentration: Chromium Average 79.00 mg/kg Concentration: Chromium Maximum 2094.00 mg/kg Concentration: Lead Minimum 11.00 mg/kg Concentration: Lead Average 280.00 mg/kg Concentration: Lead Maximum 10000.00 mg/kg Concentration: Nickel Minimum 2.00 mg/kg Concentration: Nickel Average 28.00 mg/kg Concentration: Nickel Maximum 506.00 mg/kg Concentration:	A13NW (NE)	0	3	507698 177201
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	3	507698 177201
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	3	507698 177201
	Potential for Ground Dissolution Stability Hazards No Hazard				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	3	507698 177201
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	116	3	507570 177206
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	124	3	507563 177207
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	221	3	507594 176980
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	3	507698 177201
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	3	507698 177201
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	131	3	507556 177227
	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	A13NW (NE)	0	3	507698 177201
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	3	507698 177201

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	Contemporary Trade Directory Entries Name: Pest Control Support Services Location: 26, Doghurst Avenue, HAYES, Middlesex, UB3 5BJ Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	239	-	507916 177067
37	Contemporary Trade Directory Entries Name: Somerfield Location: Simpson Corner, Bath Rd, Harlington, Hayes, Middlesex, UB3 5AY Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SE (SE)	245	-	507806 176954
38	Contemporary Trade Directory Entries Name: R J Gale Location: 16, Sipson Way, West Drayton, Middlesex, UB7 0DN Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	290	-	507403 177283
39	Contemporary Trade Directory Entries Name: Middlesex Recovery Location: B, 501, Sipson Road, West Drayton, Middlesex, UB7 0JB Classification: Car Breakdown & Recovery Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	290	-	507465 177412
40	Contemporary Trade Directory Entries Name: G F S Air Cargo (Uk) Ltd Location: 41, Sipson Way, West Drayton, Middlesex, UB7 0DW Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (W)	311	-	507379 177132
41	Contemporary Trade Directory Entries Name: Suparior Cargo Ltd Location: Axis House, 242, Bath Road, Hayes, Middlesex, UB3 5AY Classification: Airfreight Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	341	-	507973 176971
42	Contemporary Trade Directory Entries Name: Return Journey Collection Location: 39, Ashby Way, West Drayton, Middlesex, UB7 0JW Classification: Ceramic Manufacturers, Supplies & Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	347	-	507345 177279
43	Contemporary Trade Directory Entries Name: Heathrow Airport Location: 234, Bath Road, Harlington, HAYES, Middlesex, UB3 5AP Classification: Airports Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	432	-	508088 176979
43	Contemporary Trade Directory Entries Name: Heathrow Airport Location: 234, Bath Road, Hayes, Middlesex, UB3 5AP Classification: Airports Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	432	-	508088 176979
44	Contemporary Trade Directory Entries Name: Apc Uk Ltd Location: Aeolian Quartet, 4, Mondial Way, Hayes, Middlesex, UB3 5AR Classification: Power Transmission Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	489	-	508173 177019
45	Contemporary Trade Directory Entries Name: Alphonso Auto Centre Location: Unit B, Chambers Business Park, Sipson Road, Sipson, West Drayton, Middlesex, UB7 0HX Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SW (NW)	532	-	507391 177668

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	Contemporary Trade Directory Entries Name: Mason-Thompson Ltd Location: Unit C, Chambers Business Park, Sipson Road, Sipson, West Drayton, Middlesex, UB7 0HX Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (NW)	537	-	507379 177666
46	Contemporary Trade Directory Entries Name: Cameron Ltd Location: Mondial House, 5, Mondial Way, Harlington, Hayes, Middlesex, UB3 5AR Classification: Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	540	-	508224 177012
46	Contemporary Trade Directory Entries Name: Cooper Energy Services Location: Mondial House, 5, Mondial Way, Hayes, Middlesex, UB3 5AR Classification: Machinery - Industrial & Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	540	-	508224 177012
47	Contemporary Trade Directory Entries Name: Maid 4 U Location: 43, Blunts Avenue, West Drayton, Middlesex, UB7 0DS Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	547	-	507170 177003
48	Contemporary Trade Directory Entries Name: American Auto Services Location: Elder Farm, 130 West End La, Harlington, Hayes, Middlesex, UB3 5LY Classification: Garage Services Status: Active Positional Accuracy: Manually positioned to the address or location	A14NW (E)	548	-	508226 177416
48	Contemporary Trade Directory Entries Name: Garrards Transport (Gtl) Ltd Location: Elder Farm, West End Lane, Harlington, Hayes, Middlesex, UB3 5LY Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	549	-	508226 177417
48	Contemporary Trade Directory Entries Name: Garrards Transport Ltd Location: 130, West End Lane, Harlington, Hayes, Middlesex, UB3 5LY Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14NW (E)	569	-	508260 177383
49	Contemporary Trade Directory Entries Name: General Waste Location: 442, Sipson Road, Sipson, West Drayton, Middlesex, UB7 0HY Classification: Scrap Yards Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	608	-	507288 177685
49	Contemporary Trade Directory Entries Name: Modern Builds.Com Location: 436, Sipson Road, Sipson, West Drayton, Middlesex, UB7 0HY Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	623	-	507285 177702
50	Contemporary Trade Directory Entries Name: Sipson Coachworks Ltd Location: Sipson Lane, West Drayton, Middlesex, UB7 0JG Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	729	-	507559 177944
51	Contemporary Trade Directory Entries Name: Mendes Commercial Cleaning Services Ltd Location: 96d, West End Lane, Hayes, Middlesex, UB3 5LX Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	735	-	508414 177448

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	Contemporary Trade Directory Entries Name: Servcity Ltd Location: 9, Triumph Close, Harlington, Hayes, Middlesex, UB3 5BL Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	765	-	508466 177034
53	Contemporary Trade Directory Entries Name: Skyliner Services Ltd Location: Building 1253,P O Box 10,London Heathrow Airport, Hounslow, Middlesex, TW6 2JA Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A9NW (SE)	773	-	508251 176633
54	Contemporary Trade Directory Entries Name: Claire Air Sea Cargo Ltd Location: Bath Road, West Drayton, Middlesex, UB7 0DB Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	784	-	506930 176972
54	Contemporary Trade Directory Entries Name: Clare Air Sea Cargo Ltd Location: Bath Road, West Drayton, Middlesex, UB7 0DB Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	784	-	506930 176972
55	Contemporary Trade Directory Entries Name: Transport Logistic Services Location: Bath Rd, West Drayton, Middlesex, UB7 0DB Classification: Freight Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12SW (W)	784	-	506955 176898
56	Contemporary Trade Directory Entries Name: Beumer Group Uk Ltd Location: 4, Heathrow Boulevard, 280, Bath Road, Sipson, West Drayton, Middlesex, UB7 0DQ Classification: Materials Handling Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	805	-	506882 177229
57	Contemporary Trade Directory Entries Name: Choice Car Services Location: Vineries Cl, Sipson, West Drayton, Middlesex, UB7 0JH Classification: Breakdown and Recovery Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17NE (NW)	816	-	507244 177912
57	Contemporary Trade Directory Entries Name: Baig Motors Location: Vineries Close, Sipson, West Drayton, Middlesex, UB7 0JG Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17NE (NW)	821	-	507236 177912
58	Contemporary Trade Directory Entries Name: Dow Chemical Co Ltd Location: 2, Heathrow Boulevard, 284, Bath Road, Sipson, West Drayton, Middlesex, UB7 0DQ Classification: Chemicals & Allied Products Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	825	-	506867 177079
58	Contemporary Trade Directory Entries Name: Dow Chemical Co Location: 2, Heathrow Boulevard, 284, Bath Road, West Drayton, Middlesex, UB7 0DQ Classification: Insulation Materials Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	825	-	506867 177079
59	Contemporary Trade Directory Entries Name: Mtn Cleaning Location: 25, Mendip Close, Harlington, Hayes, Middlesex, UB3 5LH Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	869	-	508589 177186

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	Contemporary Trade Directory Entries Name: MtM Mobile Discos Location: 25, Mendip Close, Hayes, Middlesex, UB3 5LH Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	869	-	508589 177186
60	Contemporary Trade Directory Entries Name: J B'S Plumbing & Heating Location: 82, Pennine Way, HAYES, Middlesex, UB3 5LP Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	871	-	508589 177266
61	Contemporary Trade Directory Entries Name: Heathrow Express Location: Cardinal Point, Newall Road, London Heathrow Airport, Hounslow, TW6 2AJ Classification: Railways Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	893	-	508552 176879
62	Contemporary Trade Directory Entries Name: H Streeter Ltd Location: Sipson Lane, West Drayton, Middlesex, UB7 0JG Classification: Sand, Gravel & Other Aggregates Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	912	-	507621 178136
63	Contemporary Trade Directory Entries Name: Houseproud Location: 2, Manor Farm, Manor Lane, Harlington, Hayes, Middlesex, UB3 5EG Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A19SE (NE)	997	-	508617 177639
64	Fuel Station Entries Name: Co-Op Harlington Location: Bath Road, Sipson Road, Harlington, West Drayton, Middlesex, UB3 5AY Brand: Texaco Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	224	-	507806 176977

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	Areas of Adopted Green Belt Authority: London Borough of Hillingdon Plan Name: Hillingdon Unitary Development Plan Status: Adopted Plan Date: 30th September 1998	A13NE (NE)	16	5	507716 177227
66	Areas of Adopted Green Belt Authority: London Borough of Hillingdon Plan Name: Hillingdon Unitary Development Plan Status: Adopted Plan Date: 30th September 1998	A13NW (NW)	239	5	507522 177400
67	Areas of Adopted Green Belt Authority: London Borough of Hillingdon Plan Name: Hillingdon Unitary Development Plan Status: Adopted Plan Date: 30th September 1998	A12NE (W)	441	5	507245 177272
68	Areas of Adopted Green Belt Authority: London Borough of Hillingdon Plan Name: Hillingdon Unitary Development Plan Status: Adopted Plan Date: 30th September 1998	A18NW (N)	686	5	507669 177912
69	Areas of Adopted Green Belt Authority: London Borough of Hillingdon Plan Name: Hillingdon Unitary Development Plan Status: Adopted Plan Date: 30th September 1998	A18NW (N)	723	5	507435 177904
70	Areas of Adopted Green Belt Authority: London Borough of Hillingdon Plan Name: Hillingdon Unitary Development Plan Status: Adopted Plan Date: 30th September 1998	A17NE (NW)	933	5	507084 177938
71	Areas of Unadopted Green Belt Authority: London Borough of Hillingdon Plan Name: Core Strategy Status: Submission Draft Plan Date: 31st October 2011	A13NE (NE)	16	5	507716 177227
72	Nitrate Vulnerable Zones Name: Not Supplied Description: NVZ Area Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A12NE (W)	446	7	507243 177275

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Slough Borough Council - Environmental Protection London Borough of Hillingdon - Environmental Protection Unit Spelthorne Borough Council - Environmental Health Department South Buckinghamshire District Council - Environmental Health Department Royal Windsor and Maidenhead Unitary Council - Environmental Health Department London Borough of Hounslow - Contaminated Land Section London Borough of Ealing - Environmental Health and Trading Standards Division	April 2012 August 2012 December 2012 January 2013 July 2012 November 2012 September 2012	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	January 2013	Quarterly
Enforcement and Prohibition Notices Environment Agency - Thames Region	March 2013	Quarterly
Integrated Pollution Controls Environment Agency - Thames Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - South East Region - North East Thames Area Environment Agency - Thames Region	January 2013 January 2013	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Spelthorne Borough Council - Environmental Health Department London Borough of Hillingdon - Environmental Health Department Slough Borough Council - Environmental Health Department London Borough of Hounslow - Environmental Health Department South Buckinghamshire District Council - Environmental Health Department Royal Windsor and Maidenhead Unitary Council - Environmental Health Department London Borough of Ealing - Environmental Health and Trading Standards Division	April 2012 December 2012 December 2012 February 2013 January 2013 May 2012 September 2012	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 Controls Spelthorne Borough Council - Environmental Health Department London Borough of Hounslow - Environmental Health Department London Borough of Hillingdon - Environmental Health Department Slough Borough Council - Environmental Health Department South Buckinghamshire District Council - Environmental Health Department Royal Windsor and Maidenhead Unitary Council - Environmental Health Department London Borough of Ealing - Environmental Health and Trading Standards Division	April 2012 December 2011 December 2012 December 2012 January 2013 May 2012 September 2012	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 Slough Borough Council - Environmental Health Department London Borough of Hounslow - Environmental Health Department South Buckinghamshire District Council - Environmental Health Department Spelthorne Borough Council - Environmental Health Department Royal Windsor and Maidenhead Unitary Council - Environmental Health Department London Borough of Ealing - Environmental Health and Trading Standards Division	December 2012 December 2012 February 2013 January 2013 May 2011 May 2012 September 2012	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - Thames Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Thames Region	March 2013	Monthly
Prosecutions Relating to Controlled Waters Environment Agency - Thames Region	March 2013	Monthly
Registered Radioactive Substances Environment Agency - Thames Region	January 2013	Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable

Agency & Hydrological	Version	Update Cycle
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	January 2013 January 2013	Quarterly Quarterly
Water Abstractions Environment Agency - Thames Region	January 2013	Quarterly
Water Industry Act Referrals Environment Agency - Thames Region	January 2013	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	September 2011	Annually
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	September 2011	Annually
Source Protection Zones Environment Agency - Head Office	January 2013	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	January 2013	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	January 2013	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	January 2013	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	January 2013	Quarterly
Flood Defences Environment Agency - Head Office	January 2013	Quarterly

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	January 2013 January 2013	Quarterly 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 - Thames Region - North East Area Environment Agency - Thames Region - South East Area	January 2013 January 2013 January 2013	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South East Region - North East Thames Area Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	January 2013 January 2013 January 2013	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	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 Spelthorne Borough Council - Environmental Health Department Surrey County Council	August 2006 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
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	March 2003 March 2003	Not Applicable Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	October 2012	Bi-Annually
Explosive Sites Health and Safety Executive	June 2012	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements London Borough of Hillingdon South Buckinghamshire District Council - Development Control Department Buckinghamshire County Council Slough Borough Council - Development & Consumer Protection Dep. London Borough of Ealing Royal Windsor and Maidenhead Unitary Council Surrey County Council Spelthorne Borough Council - Planning Department London Borough of Hounslow	April 2012 April 2012 August 2012 August 2012 May 2012 May 2012 May 2012 November 2012 October 2012	Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents London Borough of Hillingdon South Buckinghamshire District Council - Development Control Department Buckinghamshire County Council Slough Borough Council - Development & Consumer Protection Dep. London Borough of Ealing Royal Windsor and Maidenhead Unitary Council Surrey County Council Spelthorne Borough Council - Planning Department London Borough of Hounslow	April 2012 April 2012 August 2012 August 2012 May 2012 May 2012 May 2012 November 2012 October 2012	Annual Rolling Update Annual Rolling Update

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	January 2010	Variable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2012	Bi-Annually
BGS Urban Soil Chemistry British Geological Survey - National Geoscience Information Service	June 2011	Variable
BGS Urban Soil Chemistry Averages British Geological Survey - National Geoscience Information Service	June 2011	Variable
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	January 2012	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	February 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
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
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	November 2012	Quarterly
Fuel Station Entries Catalist Ltd - Experian	November 2012	Quarterly

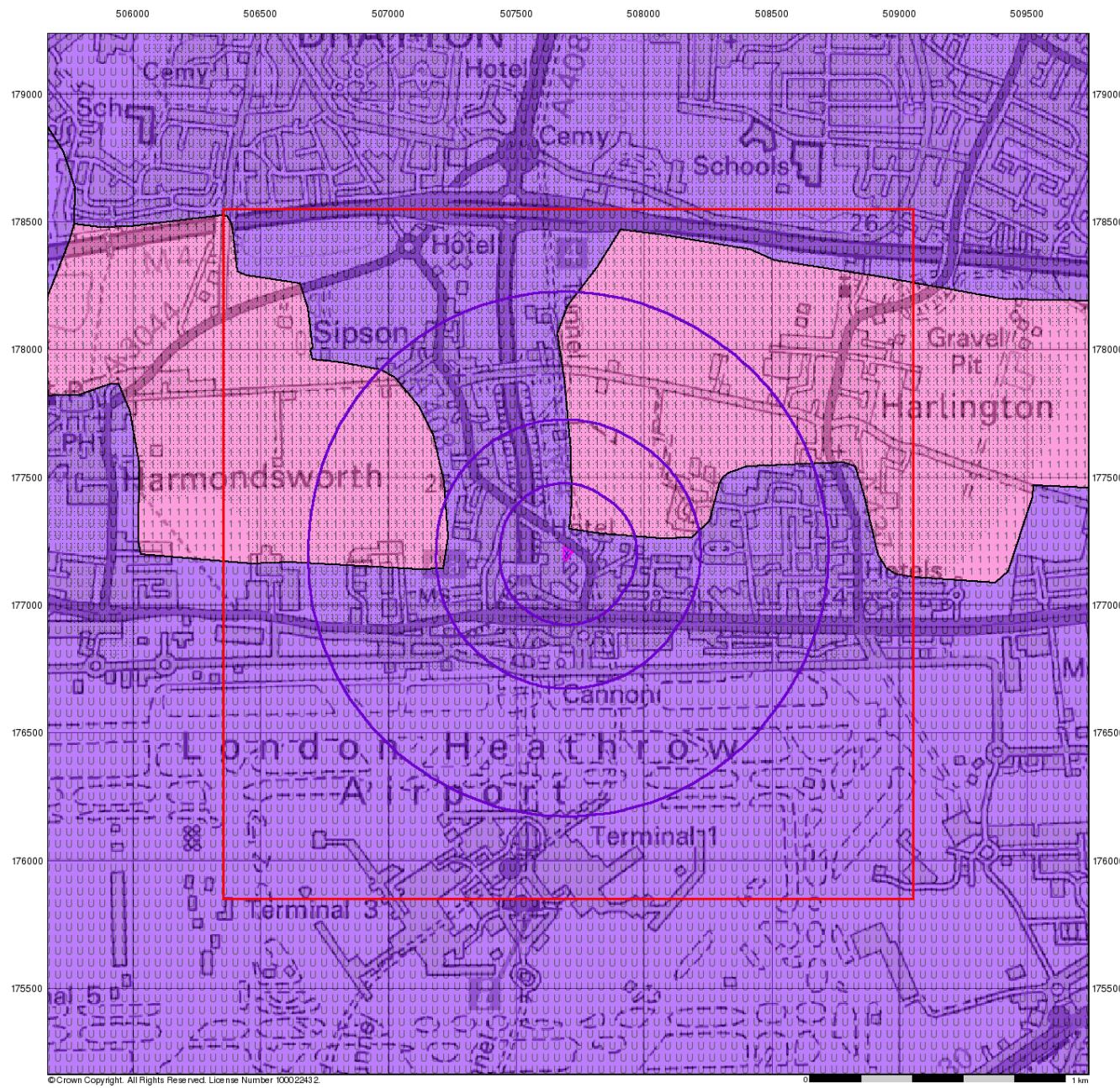
Sensitive Land Use	Version	Update Cycle
Areas of Adopted Green Belt London Borough of Ealing London Borough of Hillingdon London Borough of Hounslow Royal Windsor and Maidenhead Unitary Council Slough Borough Council South Buckinghamshire District Council - Development Control Department Spelthorne Borough Council	February 2013 February 2013 February 2013 February 2013 February 2013 February 2013 February 2013	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 2013 February 2013 February 2013 February 2013 February 2013 February 2013 February 2013	As notified As notified As notified As notified As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	July 2012	Bi-Annually
Environmentally Sensitive Areas Natural England	February 2013	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	November 2012	Bi-Annually
Marine Nature Reserves Natural England	August 2012	Bi-Annually
National Nature Reserves Natural England	February 2013	Bi-Annually
National Parks Natural England	February 2013	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2013	Annually
Ramsar Sites Natural England	February 2013	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2013	Bi-Annually
Special Areas of Conservation Natural England	February 2013	Bi-Annually
Special Protection Areas Natural England	February 2013	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	 Licensed Partner
Environment Agency	 Environment Agency
Scottish Environment Protection Agency	 Scottish Environment Protection Agency
The Coal Authority	 THE COAL AUTHORITY
British Geological Survey	 British Geological Survey NATIONAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATIONAL ENVIRONMENT RESEARCH COUNCIL
Countryside Council for Wales	 CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES
Scottish Natural Heritage	 SCOTTISH NATURAL HERITAGE
Natural England	 NATURAL ENGLAND
Health Protection Agency	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	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
3	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
4	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmark.co.uk Website: www.landmarkinfo.co.uk
5	London Borough of Hillingdon Civic Centre, High Street, Uxbridge, Middlesex, UB8 1UW	Telephone: 01895 250111 Fax: 01895 250830 Website: www.hillingdon.gov.uk
6	London Borough of Hounslow Civic Centre, Lampton Road, Hounslow, Middlesex, TW3 4DN	Telephone: 020 8862 5970 Fax: 020 8862 5801 Website: www.hounslow.gov.uk
7	Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
-	Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	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 / SEPA have a charging policy in place for enquiries.



Groundwater Vulnerability

General

 Specified Site Specified Buffer(s) Bearing Reference Point

Agency and Hydrological

Geological Classes

Soil Classes

High (H) 1, 2, 3, U

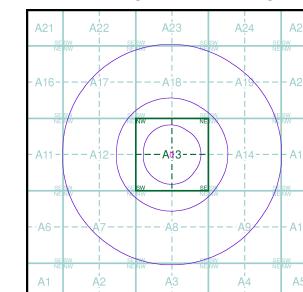
Intellime

2011

High (H)

Intermediate (i) 1, 2

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 44718907_1_1
Customer Ref: LS0717
National Grid Reference: 507700, 177200
Slice: A
Site Area (Ha): 0.11
Search Buffer (m): 1000

Site Details

Site Details



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

Bedrock Aquifer Designation

General

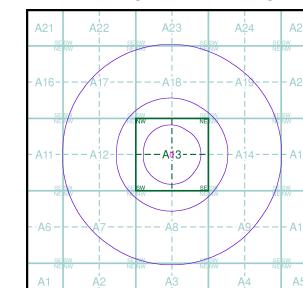
 Specified Site
  Specified Buffer(s)
  Bearing Reference Point

Agency and Hydrological

Geological Classes

-  Principal Aquifer
-  Secondary A Aquifer
-  Secondary B Aquifer
-  Secondary Undifferentiated
-  Unproductive Strata
-  Unknown

Site Sensitivity Context Map - Slice A

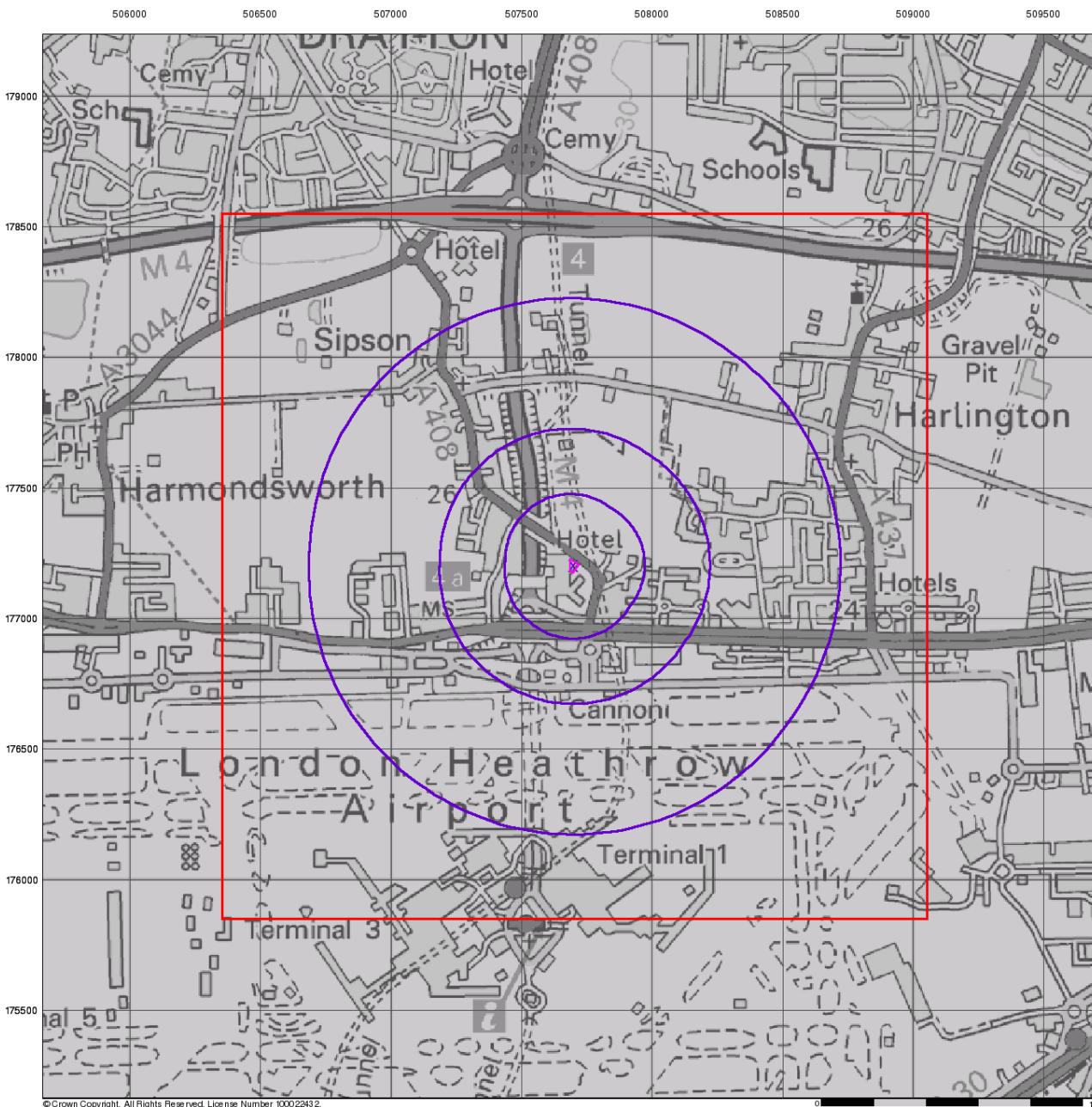


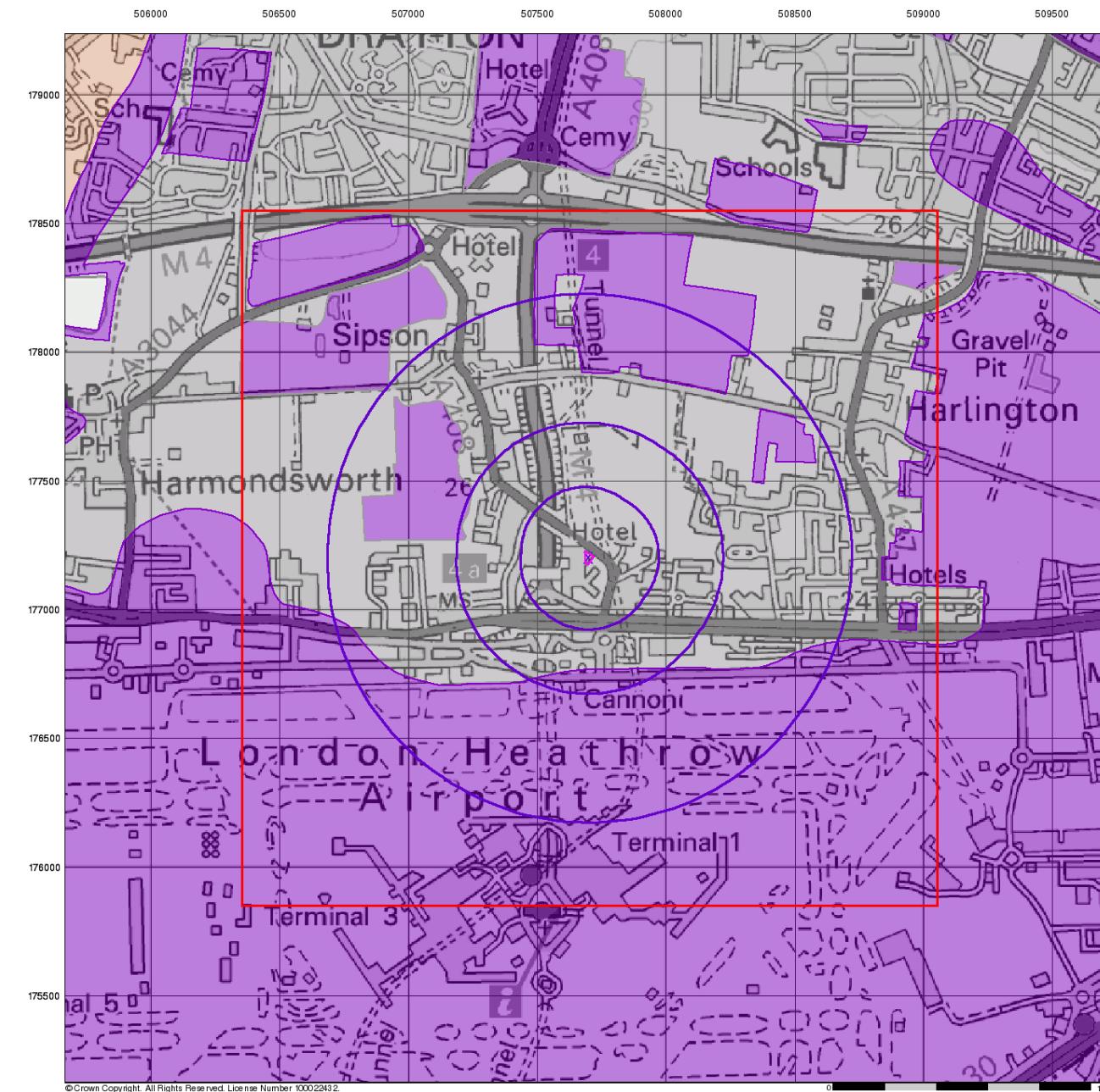
Order Details

Order Number: 44718907_1_1
 Customer Ref: LS0717
 National Grid Reference: 507700, 177200
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

Sipson Road, WEST DRAYTON, Middlesex, UB7 0JD





Superficial Aquifer Designation

General

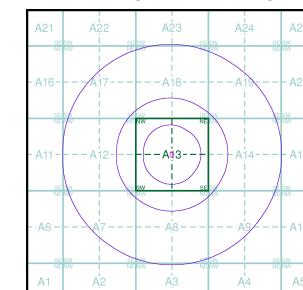
◊ Specified Site
 ◊ Specified Buffer(s)
 X Bearing Reference Point

Agency and Hydrological

Geological Classes

- ◊ Principal Aquifer
- ◊ Secondary A Aquifer
- ◊ Secondary B Aquifer
- ◊ Secondary Undifferentiated
- ◊ Unproductive Strata
- ◊ Unknown

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 44718907_1_1
 Customer Ref: LS0717
 National Grid Reference: 507700, 177200
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

Sipson Road, WEST DRAYTON, Middlesex, UB7 0JD



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