DESK STUDY & BASEMENT IMPACT ASSESSMENT REPORT

14 Parliament Hill London NW3

Client: Barnaby Gunning Architects

J16076

October 2016











Document Control

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APPENDIX



1.0 INTRODUCTION

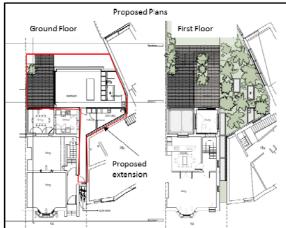
Geotechnical and Environmental Associates Limited (GEA) has been commissioned by Barnaby Gunning Architects to carry out a desk study and Basement Impact Assessment (BIA) at 14 Parliament Hill, London NW3 2SY in accordance with guidelines from the London Borough of Camden in support of a planning application.

1.1 **Proposed Development**

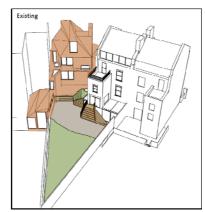
It is understood that it is proposed to construct a ground floor extension into the rear garden and as a result of the slope of the ground across the site this will require an excavation of approximately 1.2 m depth.

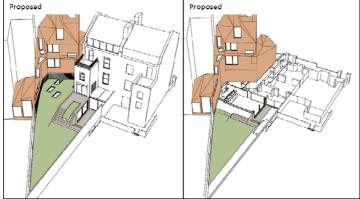
Plan view:





Architectural View:





This report is specific to the proposed development and the advice herein should be reviewed if the proposals are amended.

1.1.1 Basement Impact Assessment

The work carried out includes a Hydrological and Hydrogeological Assessment and Land Stability Assessment (also referred to as Slope Stability Assessment), all of which form part of the BIA procedure specified in the London Borough of Camden (LBC) Planning



Guidance CPG4¹ and their Guidance for Subterranean Development² prepared by Arup ('the Arup Report'). The aim of the work is to provide information on surface water, groundwater and land stability and in particular to assess whether the development will affect neighbouring properties or groundwater movements and whether any identified impacts can be appropriately mitigated by the design of the development.

1.1.2 Qualifications

The land stability element of the Basement Impact Assessment (BIA) has been carried out by Martin Cooper, a BEng in Civil Engineering, a chartered engineer (CEng), member of the Institution of Civil Engineers (MICE), and Fellow of the Geological Society (FGS) who has over 20 years' specialist experience in ground engineering. The subterranean (groundwater) flow assessment has been carried out by John Evans, MSc in Hydrogeology, Chartered Geologist (CGeol) and Fellow of the Geological Society of London (FGS). The surface water and flooding assessment has been carried out by Rupert Evans, a hydrologist with more than ten years consultancy experience in flood risk assessment, surface water drainage schemes and hydrology / hydraulic modelling. Rupert Evans is a Chartered Environmentalist, Chartered Water and Environmental Manager and a Member of CIWEM.

The assessments have been made in conjunction with Steve Branch, a BSc in Engineering Geology and Geotechnics, MSc in Geotechnical Engineering, a Chartered Geologist (CGeol) and Fellow of the Geological Society (FGS) with over 25 years' experience in geotechnical engineering and engineering geology.

All assessors meet the qualification requirements of the Council guidance.

1.2 Limitations

The conclusions and recommendations made in this report are limited to those that can be made on the basis of the research carried out. The results of the research should be viewed in the context of the work that has been carried out and no liability can be accepted for matters outside the stated scope of the research. Any comments made on the basis of information obtained from third parties are given in good faith on the assumption that the information is accurate. No independent validation of third party information has been made by GEA.

2.0 THE SITE

2.1 Site Description

The site is located in the London Borough of Camden, roughly 175 m northeast of Hampstead Heath London Overground Station. It is an irregular shape, measuring approximately 20 m by 10 m at its greatest extents, and may additionally be located by National Grid Reference 527390, 185753 and is shown on the map extract below.

The site fronts onto Parliament Hill to the south and is adjoined to the west by 13 Parliament Hill and to the east by 15a Parliament Hill. The rear gardens of terraced properties on South Hill Park bound the site to the north. Parliament Hill falls to the southwest at a gradient of approximately 1 in 10 (5.7°) and the surrounding area appears to fall at a similar angle towards the northwest to the rear of the site.

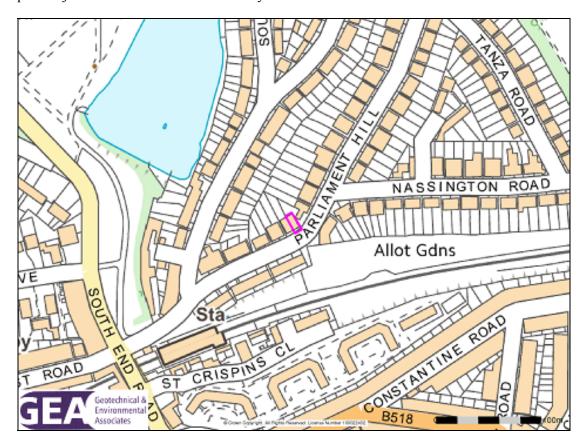
No 14 Parliament Hill comprises a four-storey semi-detached residential house with a front hardstanding patio and rear garden area. The house is accessed and appears to be founded at street level, with the rear garden elevated by 1.2 m.

Ove Arup & Partners (2010) Camden geological, hydrogeological and hydrological study. Guidance for Subterranean Development. For London Borough of Camden November 2010



London Borough of Camden Planning Guidance CPG4 Basements and lightwells

The site is relatively devoid of vegetation, with the exception of the rear garden which contains typical bushes and plants. A number of semi-mature to mature deciduous treeS are present just outside the northern boundary.



2.2 Site History

The history of the site and surrounding area has been researched by reference to archive historical maps and Ordnance Survey (OS) maps sourced from the Envirocheck database.

The earliest map studied, dated 1879, shows the site to have comprised open fields. A canal or small river is shown approximately 50 m to the northwest of the site and two large ponds, associated with the New River Company's Water Works Reservoirs, are shown 100 m to the west and northwest of the site. The northwest pond has subsequently been renamed as the existing Hampstead Pond. A large cutting is shown to have adjoined the south of the site that fell toward the existing railway line which is also shown to have been constructed. The next map studied, dated 1896, shows the site and surrounding area to largely represent their existing condition, with Parliament Hill shown on its existing alignment. The pond to the west of the site is shown to have been infilled with terraced housing built on its eastern edge

The site and surrounding area remained largely unchanged until 1946, when aerial photography shows the construction of the existing properties located on the southern side of Parliament Hill, constructed on the crest of the existing railway cutting.

The site and surrounding area remained largely unchanged until 1985, when allotment gardens are shown to have been developed, replacing a large portion of the remaining existing railway cutting. The site and surrounding area have since remained essentially unchanged.



2.3 Other Information

A search of public registers and databases has been made via the Envirocheck database and relevant extracts from the search are appended. Full results of the search can be provided if required.

The search has revealed that there are no landfills, waste management, transfer, treatment or disposal sites within 500 m of the site. There have been no pollution incidents to controlled waters within 500 m of the site.

The search has indicated that the site is located in an area where less than 1% of homes are affected by radon emissions; which is the lowest classification given by the Health Protection Agency (HPA) and therefore no radon protective measures will be necessary.

The site is not located within a nitrate vulnerable zone or any other sensitive land use.

The results of a search of the London Borough of Camden Planning Portal for planning applications relating to the properties surrounding the site suggest that none of the surrounding properties have basement levels.

With reference to bombsite.org, the closest recorded WWII bomb strike was a high explosive bomb located along South Hill Park, approximately 70 m west of the site. None of the historical maps show evidence of bomb damage on or near the site and in view of the absence of any known military or likely targets of interest near the site, the risk of unexploded ordnance (UXO) being encountered is low. This should however be clarified by a specialist contractor.

There are no railway tunnels within 250 m of the site although the London Overground Line to the south of the site does enter a tunnel that extends beneath the Hampstead Hill Gardens estate approximately 300 m to the southwest of the site.

2.4 Geology

The British Geological Survey (BGS) map of the area (Sheet 256) indicates the site to be underlain by London Clay Formation from the surface.

According to the BGS memoir the London Clay comprises a homogeneous, slightly calcareous silty clay to very silty clay, with some beds of clayey silt grading to silty fine grained sand.

GEA has previously carried out a ground investigation at Parliament Hill 20 m to the northeast and below a nominal thickness of made ground, London Clay was encountered and proved to the full depth investigated of 8.5 m.

2.5 **Hydrology and Hydrogeology**

As defined by the Environment Agency (EA), the underlying London Clay is classified as a Non-Aquifer and Unproductive Stratum, which refers to a soil or rock with low permeability that has a negligible effect on local water supply or river base flow.

There are no EA designated Source Protection Zones (SPZs) on the site. The site is located within 100 m of the Hampstead Heath Ponds, but is not located in an area at risk of flooding from reservoirs, as defined by the EA.



Reference to the Lost Rivers of London³ indicates that the River Fleet flowed in a southerly direction approximately 75 m to the west of the site. The River Fleet is now culverted.

Any surface water runoff that infiltrates the shallow made ground above the London Clay is likely to be trapped between impermeable layers as perched water tables. In the previous nearby GEA investigation ground water was monitored after the field work at a depth of 2.6 m which was determined to have been associated with a perched water inflow from within the London Clay and not indicative of a general water table.

Published data for the permeability of the London Clay indicates the horizontal permeability to generally range between 1 x 10^{-10} m/s and 1 x 10^{-8} m/s, with an even lower vertical permeability. The London Clay cannot therefore support groundwater flow and as such does not support a "water table" or continuous piezometric surface. Boreholes constructed within clays do fill with water due to the often high water content of shallow clays; however, this is not reflective of groundwater flow in a porous and permeable saturated stratum.

2.6 Preliminary Risk Assessment

Part IIA of the Environmental Protection Act 1990, which was inserted into that Act by Section 57 of the Environment Act 1995, provides the main regulatory regime for the identification and remediation of contaminated land. The determination of contaminated sites is based on a "suitable for use" approach which involves managing the risks posed by contaminated land by making risk-based decisions. This risk assessment is carried out on the basis of a source-pathway-receptor approach.

2.6.1 **Source**

The desk study research has indicated that the site has only been occupied by residential end use for its entire developed history, with known site uses comprising associated gardens and the existing building and is therefore not considered to have had a contaminative history.

The historic maps, dated 1896, show a large pond 100 m to the west of the site to have been infilled with an unknown material. It is possible that the pond was infilled with material with a potential to generate landfill gas, but in view of the age of the filling it is not conceivable that any putrescible material with a methanogenic potential will remain. Furthermore the impermeable nature of the London Clay would provide a sufficient barrier to stop any gas migrating to site.

2.6.2 Receptor

The future end users of the house will represent high sensitivity receptors. The site is underlain by an Unproductive Strata and therefore groundwater is not considered to be a relatively sensitive receptor. Although perched water may exist in the made ground or in the vicinity of existing foundations. Buried services are likely to come into contact with any contaminants present within the soils through which they pass and site workers are likely to come into contact with any contaminants present during demolition and construction works.

2.6.3 Pathway

The new extension will effectively form a barrier between any contaminants within the near-surface soils and end-users or infiltration of surface water. However areas of soft landscaping will form potential pathways to contaminants within the near-surface soils.

Buried services will be exposed to any contaminants present within the soil through direct contact and site workers will come into contact with the soils during construction works.



10 October 2016

Nicholas Barton (2000) London's Lost Rivers. Historical Publications Ltd

There is thus considered to be very low potential for a contaminant pathway to be present between any potential contaminant source and a target for the particular contaminant.

2.6.4 **Preliminary Risk Appraisal**

On the basis of the above it is considered that there is a low risk of there being a significant contaminant linkage that would result in a requirement for remediation work. Furthermore as there is no evidence of filled ground within the vicinity, there is not considered to be a potential for hazardous soil gas to be present on or migrating towards the site; there should thus be no need to consider soil gas exclusion systems.

3.0 SCREENING

The LBC guidance suggests that any development proposal that includes a subterranean basement should be screened to determine whether or not a full BIA is required.

3.1 Screening Assessment

A number of screening tools are included in the Arup document and for the purposes of this report reference has been made to Appendices E1, E2 and E3 which include a series of questions within screening flowcharts for surface flow and flooding, subterranean (groundwater) flow and land stability. The flowchart questions and responses to these questions are tabulated below.

3.1.1 Subterranean (groundwater) Screening Assessment

Question	Response for 14 Parliament Hill
1a. Is the site located directly above an aquifer?	No. The site is located above the London Clay which is designated Non Productive Strata.
1b. Will the proposed basement extend beneath the water table surface?	No. The London Clay is not sufficiently permeable to support groundwater flow or therefore a continuous water table. Perched water may exist within the made ground and the basement should be tanked to prevent groundwater ingress and controlled via the usual methods during construction.
2. Is the site within 100 m of a watercourse, well (used/disused) or potential spring line?	No. The boundary with the Claygate Member is over 300 m to the northwest, whilst the Bagshot Sands, which principally feed the Hampstead Heath ponds are over 1.3 km away
3. Is the site within the catchment of the pond chains on Hampstead Heath?	No, not according to Figure 14 of the Arup Report.
4. Will the proposed basement development result in a change in the proportion of hard surfaced / paved areas?	No. The basement development would be overlain by a layer of soft landscape.
5. As part of the site drainage, will more surface water (e.g. rainfall and run-off) than at present be discharged to the ground (e.g. via soakaways and/or SUDS)?	No. The soils of the London Clay would be unsuitable for SUDS type soakaways and the existing drainage condition would be maintained.
6. Is the lowest point of the proposed excavation (allowing for any drainage and foundation space under the basement floor) close to or lower than, the mean water level in any local pond or spring line?	No. The Hampstead Heath Ponds are lower than the proposed development according to Ordnance Survey and Envirocheck maps.

The above assessment has not identified any potential issues that need to be assessed:



3.1.2 Stability Screening Assessment

Question	Response for 14 Parliament Hill
1. Does the existing site include slopes, natural or manmade, greater than 7°?	No. Not according to Figure 17 in the Arup Report.
2. Will the proposed re-profiling of landscaping at the site change slopes at the property boundary to more than 7°?	No. Not according to drawings supplied by the client (ref:181_G_100A to 113A)
3. Does the development neighbour land, including railway cuttings and the like, with a slope greater than 7°?	No, not according to Figure 16 of the Arup Report.
4. Is the site within a wider hillside setting in which the general slope is greater than 7°?	No. Not according to a data pack issued by the consulting architect (ref 181_DA_160303).
5. Is the London Clay the shallowest strata at the site?	Yes. According to BGS geology map and previous GI performed by GEA.
6. Will any trees be felled as part of the proposed development and / or are any works proposed within any tree protection zones where trees are to be retained?	Yes. There is a single young magnolia tree on site which is at risk of being damaged during site access.
7. Is there a history of seasonal shrink-swell subsidence in the local area and / or evidence of such effects at the site?	Yes. The underlying London Clay is known to be of high shrinkability and so is susceptible to shrink-swell.
8. Is the site within 100 m of a watercourse or potential spring line?	No. The boundary with the Claygate Member, which principally feeds the Hampstead Heath ponds, is over 1.5km to the northwest of the site.
9. Is the site within an area of previously worked ground?	No. Not according to BGS Sheet 256.
10. Is the site within an aquifer?	No. The London Clay is classified as unproductive strata.
11. Is the site within 50 m of Hampstead Heath ponds?	No. Not according to Figure 14 of the Arup report.
12. Is the site within 5 m of a highway or pedestrian right of way?	Yes. Parliament Hill and the associated footway are parallel to the southern boundary
13. Will the proposed basement significantly increase the differential depth of foundations relative to neighbouring properties?	No. It appears that the existing foundations are already founded just below street level, which is 1.2 m lower than the existing garden. The proposed extension should not require any excavation below the existing foundations. As the surrounding properties are of similar construction, it is believed the proposed basement/extension will not significantly increase the depth to surrounding foundations.
14. Is the site over (or within the exclusion zone of) any tunnels, e.g. railway lines?	No. Not according to Figure 16 and 18 if the Arup report, Ordnance survey maps of the area and the TFL asset location website.

The above assessment has identified the following potential issues that need to be assessed:

- Q5 The London Clay is the shallowest underlying stratum
- Q6 An existing magnolia tree may be removed as part of the proposed scheme
- Q7 The London Clay is known to be susceptible to shrink-swell
- Q12 The site is within 5 m of a public highway



3.1.3 Surface Flow and Flooding Screening Assessment

Question	Response for 14 Parliament Hill
1. Is the site within the catchment of the pond chains on Hampstead Heath?	No. Figure 14 of the Arup report indicates that the site is not located within this catchment area.
2. As part of the proposed site drainage, will surface water flows (e.g. volume of rainfall and peak run-off) be materially changed from the existing route?	No – any additional surface water from the slight increase hardstanding area will be offset by having part of the proposed rear terrace as permeable block paving.
3. Will the proposed basement development result in a change in the proportion of hard surfaced / paved areas?	Yes - The amount of hardstanding will increase slightly to the rear of the building and across permeable garden areas. Any additional surface water from the slight increase hardstanding area will be offset by having part of the proposed rear terrace as permeable block paving. Any discharged water would be routed with the roof water to the front of the property and into the sewers. Failing this, softer SUDS could be proposed such as "rain gardens" at the rear of the property.
4. Will the proposed basement development result in changes to the profile of the inflows (instantaneous and long term) of surface water being received by adjacent properties or downstream watercourses?	No. Any additional surface water from the slight increase in hardstanding area will be offset by having part of the proposed rear terrace as permeable block paving.
5. Will the proposed basement result in changes to the quality of surface water being received by adjacent properties or downstream watercourses?	No - the proposals are unlikely to result in any changes to the quality of surface water being received by adjacent properties or downstream watercourses and it will be unpolluted water draining into the drainage system.
6. Is the site in an area identified to have surface water flood risk according to either the Local Flood Risk Management Strategy or the Strategic Flood Risk Assessment or is it at risk of flooding, for example because the proposed basement is below the static water level of nearby surface water feature?	No. The findings of this BIA together with the Camden Flood Risk Management Strategy dated 2013 and Figures 3iii, 4e, 5a and 5b of the SFRA dated 2014, in addition to the Environment Agency online flood maps show that the site has a low flooding risk from surface water, sewers, reservoirs (and other artificial sources), groundwater and fluvial/tidal watercourses. The SFRA does indicate that the street of Parliament Hill was flooded in 2002 although this does not indicate that the site flooded. In accordance with paragraph 5.11 of the CPG a positive pumped device will be installed in order to further protect the site from sewer flooding.

The above assessment has identified the potential issue to be assessed.

Q3 The amount of hardstanding will increase slightly

4.0 SCOPING

The purpose of scoping is to assess in more detail the factors to be investigated in the impact assessment. Potential impacts are assessed for each of the identified potential impact factors.

4.1 **Potential Impacts**

The following potential impacts have been identified by the screening process

Potential Impact	Consequence				
London Clay is the shallowest stratum at the site	The London Clay is prone to seasonal shrink-swell (subsidence and heave).				
Seasonal shrink-swell can result in foundation movements	The London Clay is prone to seasonal shrink-swell and can cause structural damage. Desiccation may be present within close proximity to existing trees.				



Potential Impact	Consequence
The site located is within 5 m of a public highway or pedestrian right of way.	The public walkway of Parliament Hill borders the site to the south and the excavation of a basement can cause instability of such structures. However the proposed basement excavation is actually over 5 m away from the footway.
The amount of hardstanding will slightly increase	An increase in hardstanding could increase the flow rate into the existing sewage system and increase the risk of surface water flooding.

The London Clay is the shallowest stratum which is susceptible to seasonal shrink-swell

The proposed extension/basement is expected to be founded at the same depth as the existing foundations and bear within the London Clay, such that the new foundations may be affected by any desiccated soils. It is not clear at this stage whether there are plans to remove the existing tree on site and as such the maybe potential change in water uptake which may effect the proposed development. If desiccation is found to be present foundations should be designed in accordance with NHBC guidance. In any case, a ground investigation is likely to be required in order to investigate the presence of desiccation.

Location of public highway

The basement excavation will extend to within 5.0 m from the pathways and highways to the south and therefore the basement excavation may affect the highway. A retention system will need to be adopted that maintains the stability of the excavation at all times.

Increase in hardstanding

The proposed scheme will slightly increase the amount of hardstanding to the rear of the building and across permeable garden areas. However, any additional surface water from the slight increase hardstanding area will be offset by installing part of the proposed rear terrace as permeable block paving.

4.2 **BIA Conclusion**

A Basement Impact Assessment has been carried out following the information and guidance published by the London Borough of Camden.

It is concluded that the proposed development is unlikely to result in any specific land or slope stability issues and that there should be a need for any further assessment.



APPENDIX

Envirocheck Report Summary

Historical Maps

Existing / Proposed Drawings





Envirocheck® Report:

Datasheet

Order Details:

Order Number:

84784897_1_1

Customer Reference:

J16076

National Grid Reference:

527390, 185760

Slice:

Α

Site Area (Ha):

0.02

Search Buffer (m):

1000

Site Details:

14 Parliament Hill LONDON NW3 2SY

Client Details:

Mr S Branch GEA Ltd Widbury Barn Widbury Hill Ware Herts SG12 7QE



Order Number: 84784897_1_1





Report Section	Page Number
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Agency & Hydrological	1
Waste	12
Hazardous Substances	-
Geological	13
Industrial Land Use	17
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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/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In 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 v50.0



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1			Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents					
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 1			2	5
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 1		Yes		
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances	pg 2			37	
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 8			1	1
Water Abstractions	pg 8				(*10)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 11	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 11	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			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
Detailed River Network Lines	pg 11		Yes		n/a
Detailed River Network Offline Drainage	pg 11		Yes		n/a



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 12	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 12			2	5
Potentially Infilled Land (Water)	pg 12		1		1
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 12				1
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 13	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry					
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry	pg 13		Yes	Yes	Yes
BGS Urban Soil Chemistry Averages	pg 15	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 16	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 16	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 16	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 17		8	15	67
Fuel Station Entries	pg 24				2
Points of Interest - Commercial Services	pg 24				10
Points of Interest - Education and Health	pg 25			5	
Points of Interest - Manufacturing and Production	pg 26		2	1	2
Points of Interest - Public Infrastructure	pg 26		2	1	13
Points of Interest - Recreational and Environmental	pg 27		2	2	18
Gas Pipelines					
Underground Electrical Cables	pg 29				10



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 31			1	
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater F Flooding Type:	Flooding Susceptibility Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	356	2	527600 186050
1	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Iution Prevention and Controls Top Choice Dry Cleaners 96 Fleet Road, London, Nw3 2qx London Borough of Camden, Pollution Projects Team PPC/DC13 12th January 2007 Local Authority Pollution Prevention and Control PG6/46 Dry cleaning Permitted Located by supplier to within 10m	A13SE (SE)	307	3	527529 185471
2	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Intion Prevention and Controls The Royal Free Hospital Pond Street, LONDON, NW3 2QG London Borough of Camden, Pollution Projects Team Not Given 24th July 1992 Local Authority Air Pollution Control PG5/1Clinical waste incineration processes under 1 tonne an hour Authorisation revokedRevoked Manually positioned to the address or location	A8NW (S)	349	3	527296 185410
3	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Iution Prevention and Controls Belsize Park Service Station 215 Haverstock Hill, LONDON, NW3 4RE London Borough of Camden, Pollution Projects Team PPC21 2nd January 1999 Local Authority Pollution Prevention and Control PG1/14 Petrol filling station Permitted Automatically positioned to the address	A8NW (S)	558	3	527187 185227
4	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Perkins Dry Cleaners 171 Haverstock Hill, London, Nw3 4qs London Borough of Camden, Pollution Projects Team PPC/DC7 12th January 2007 Local Authority Pollution Prevention and Control PG6/46 Dry cleaning Permitted Located by supplier to within 10m	A8SW (S)	692	3	527342 185055
4	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Swan Dry Cleaners 163 Haverstock Hill, London, Nw3 4qt London Borough of Camden, Pollution Projects Team PPC/DC42 24th January 2007 Local Authority Pollution Prevention and Control PPG/46 Dry cleaning Permitted Located by supplier to within 10m	A8SW (S)	714	3	527371 185032
5	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Visage 171 Malden Road, London, Nw5 4ht London Borough of Camden, Pollution Projects Team PPC/DC50 1st February 2008 Local Authority Pollution Prevention and Control PG6/46 Dry cleaning Permitted Manually positioned to the address or location	A9NW (SE)	828	3	527961 185143
6	Local Authority Poli Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Pyramid Cleaners 52 Besize Lane, London, Nw3 5ar London Borough of Camden, Pollution Projects Team PPC/DC8 1st January 2007 Local Authority Pollution Prevention and Control PG6/46 Dry cleaning Permitted Located by supplier to within 10m	A7SE (SW)	921	3	526872 184985
	Nearest Surface Wa	ter Feature	A13NW (NW)	99	-	527301 185816



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Registered Radioad					
7	Name: Location:	Polymasc Pharmaceuticals Plc Anthony Nolan Building, Royal Free Hospital Site, Fleet Road; Hampstead, LONDON, Greater London, NW3 2EZ Environment Agency, Thames Region	A13SE (SE)	273	4	527500 185495
	Permit Reference: Dated: Process Type:	AU4924 20th February 1996 Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)				
	Description: Status: Positional Accuracy:	Registration under the Act of an open source which is also the subject of an authorisation Authorisation either revoked or cancelledCancelled Manually positioned to the address or location				
	Registered Radioad	tive Substances				
8	Name: Location: Authority: Permit Reference:	Royal Free Hampstead NHS Trust Royal Free Hospital, Pond Street, Hampstead, LONDON, Greater London, NW3 2QG Environment Agency, Thames Region AR0373	A8NW (S)	347	4	527302 185410
	Dated: Process Type:	AND 73 11th July 1995 Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)				
	Description:	Minor variation to a registration under the Act of an open source which is also the subject of an authorisation				
	Status: Positional Accuracy:	Authorisation superseded by a substantial or non substantial variationSuperseded Automatically positioned to the address				
	Registered Radioad	etive Substances				
8	Name: Location: Authority: Permit Reference:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, Hampstead, LONDON, NW3 2QG Environment Agency, Thames Region CD3170	A8NW (S)	348	4	527297 185410
	Dated: Process Type: Description:	13th July 2009 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Substantial variation to authorisation under RSA				
	Status: Positional Accuracy:	Application has been authorised and any conditions apply to the operatorAuthorised Automatically positioned to the address				
	Registered Radioad	tive Substances				
8	Name: Location: Authority: Permit Reference: Dated: Process Type:	Anthony Nolan Trust (Ant) Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG Environment Agency, Thames Region CB5171 2nd October 2007 Authorisation under S13 RSA for the disposal of Radioactive waste (was	A8NW (S)	348	4	527297 185411
	Description: Status:	RSA60 S7) Minor variation to authorisation under RSA Application has been authorised and any conditions apply to the operatorAuthorised				
	Positional Accuracy:	Automatically positioned to the address				
	Registered Radioad	etive Substances				
8	Name: Location: Authority: Permit Reference: Dated: Process Type:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, Hampstead, LONDON, NW3 2QG Environment Agency, Thames Region CB2954 20th July 2007 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)	A8NW (S)	348	4	527297 185410
	Description:	RSA00 S7) Substantial variation to an authorisation under S13 or S14 RSA in respect of a registration under S7 when Technetium 99M is used being =< 10 gigabecquerels				
	Status: Positional Accuracy:	Authorisation either revoked or cancelledCancelled Automatically positioned to the address				
	Registered Radioad	etive Substances				
8	Name: Location: Authority: Permit Reference: Dated: Process Type:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, Hampstead, LONDON, NW3 2QG Environment Agency, Thames Region Ca2592 13th April 2006 Authorisation under S13 RSA for the disposal of Radioactive waste (was	A8NW (S)	348	4	527297 185410
	Description: Status:	RSA60 S7) Minor variation to authorisation under RSA Authorisation superseded by a substantial or non substantial variationSuperseded Automatically positioned to the address				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Registered Radioac	tive Substances				
8	Name: Location: Authority: Permit Reference: Dated:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, LONDON, NW3 2QG Environment Agency, Thames Region Bz9162 9th December 2005	A8NW (S)	348	4	527297 185410
	Process Type: Description: Status:	Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Minor variation to authorisation under RSA Authorisation superseded by a substantial or non substantial				
	Positional Accuracy:	variationSuperseded Automatically positioned to the address				
	Registered Radioac	tive Substances				
8	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, HAMPSTEAD, LONDON, NW3 2QG Environment Agency, Thames Region Bz1617 9th September 2005 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Substantial variation to authorisation under RSA Authorisation superseded by a substantial or non substantial	A8NW (S)	348	4	527297 185410
	Positional Accuracy	variationSuperseded Automatically positioned to the address				
	Registered Radioac					
8	Name: Location: Authority: Permit Reference: Dated: Process Type: Description:	Anthony Nolan Trust (Ant) Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG Environment Agency, Thames Region Bz0777 14th July 2005 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Minor variation to authorisation under RSA	A8NW (S)	348	4	527297 185411
	Status: Positional Accuracy:	Authorisation superseded by a substantial or non substantial variationSuperseded Automatically positioned to the address				
	Registered Radioac					
8	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, HAMPSTEAD, LONDON, NW3 2QG Environment Agency, Thames Region By5714 6th December 2004 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Substantial variation to authorisation under RSA Authorisation superseded by a substantial or non substantial	A8NW (S)	348	4	527297 185410
		variationSuperseded				
	,	Automatically positioned to the address				
8	Registered Radioac Name: Location: Authority: Permit Reference: Dated: Process Type: Description:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, HAMPSTEAD, LONDON, NW3 2QG Environment Agency, Thames Region By5706 22nd November 2004 Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Discretionary registration under the Act of an open source which is also the	A8NW (S)	348	4	527297 185410
	Status:	subject of an authorisation Application has been authorised and any conditions apply to the operatorAuthorised				
	Positional Accuracy:	Automatically positioned to the address				
	Registered Radioac	tive Substances				
8	Name: Location: Authority: Permit Reference: Dated: Process Type:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, HAMPSTEAD, LONDON, NW3 2QG Environment Agency, Thames Region Bw6841 1st December 2003 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Miner vicinities to purposition under RSA	A8NW (S)	348	4	527297 185410
	Description: Status:	Minor variation to authorisation under RSA Authorisation superseded by a substantial or non substantial variationSuperseded				
	Positional Accuracy:	Automatically positioned to the address				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Registered Radioac	tive Substances				
8	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Anthony Nolan Trust (Ant) Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG Environment Agency, Thames Region Bw7643 1st December 2003 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Minor variation to authorisation under RSA Authorisation superseded by a substantial or non substantial	A8NW (S)	348	4	527297 185411
	Positional Accuracy:	variationSuperseded Automatically positioned to the address				
	Registered Radioad					
8	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Royal Free Hampstead Nhs Trust Royal Free Hospital,Pond Street,Hampstead, LONDON, NW3 2QG Environment Agency, Thames Region Bt8759 12th May 2003 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Substantial variation to authorisation under RSA Authorisation superseded by a substantial or non substantial	A8NW (S)	348	4	527297 185410
		variationSuperseded				
	-	Automatically positioned to the address				
8	Registered Radioac Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, HAMPSTEAD, LONDON, NW3 2QG Environment Agency, Thames Region Bs4863 25th July 2002 Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Minor variation to a registration under the Act of an open source which is also the subject of an authorisation Authorisation superseded by a substantial or non substantial variationSuperseded	A8NW (S)	348	4	527297 185410
	Positional Accuracy:	Automatically positioned to the address				
	Registered Radioac	tive Substances				
8	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Anthony Nolan Trust (Ant) Royal Free Hospital, Pond Street, HAMPSTEAD, LONDON, NW3 2QG Environment Agency, Thames Region Br6392 29th April 2002 Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Registration under the Act of an open source which is also the subject of an authorisation Authorisation superseded by a substantial or non substantial variationSuperseded Automatically positioned to the address	A8NW (S)	348	4	527297 185410
	Registered Radioac	tive Substances				
8	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, HAMPSTEAD, LONDON, NW3 2QG Environment Agency, Thames Region Br6406 29th April 2002 Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation Authorisation superseded by a substantial or non substantial	A8NW (S)	348	4	527297 185410
	Positional Accuracy:	variationSuperseded Automatically positioned to the address				
	Registered Radioac					
8	Name: Location: Authority: Permit Reference: Dated: Process Type: Description:	Polymasc Pharmaceuticals Plc Royal Free Hospital, Pond Street, Hampstead, LONDON, NW3 2QG Environment Agency, Thames Region Bj5678 14th February 2001 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Authorisation under RSA	A8NW (S)	348	4	527297 185410
	Status: Positional Accuracy:	Authorisation either revoked or cancelledCancelled Automatically positioned to the address				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Registered Radioac	tive Substances				
8	Name: Location: Authority: Permit Reference: Dated: Process Type:	Anthony Nolan Trust (Ant) Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG Environment Agency, Thames Region Bj5716 14th February 2001 Authorisation under S13 RSA for the disposal of Radioactive waste (was	A8NW (S)	348	4	527297 185411
	Description: Status:	RSA60 S7) Authorisation under RSA Authorisation superseded by a substantial or non substantial				
	Positional Accuracy:	variationSuperseded Automatically positioned to the address				
	Registered Radioac	tive Substances				
8	Name: Location: Authority: Permit Reference: Dated: Process Type:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, Hampstead, LONDON, NW3 2QG Environment Agency, Thames Region AV1327 11th August 1997 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)	A8NW (S)	348	4	527297 185410
	Description: Status:	Substantial variation to authorisation under RSA Authorisation superseded by a substantial or non substantial variationSuperseded				
	_	Automatically positioned to the address				
8	Registered Radioac Name: Location: Authority: Permit Reference: Dated:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, Hampstead, LONDON, NW3 2QG Environment Agency, Thames Region AH9987 21st June 1994	A8NW (S)	348	4	527297 185410
	Process Type: Description: Status:	Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Authorisation under RSA Authorisation superseded by a substantial or non substantial variationSuperseded				
	Positional Accuracy:	Automatically positioned to the address				
	Registered Radioac	tive Substances				
8	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Anthony Nolan Trust (Ant) Fleet Road, London, NW3 2QR Environment Agency, Thames Region CB1915 2nd October 2007 Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Minor variation to a registration under the Act of an open source which is also the subject of an authorisation Application has been authorised and any conditions apply to the operator Authorised	A8NW (S)	349	4	527296 185410
	-	Manually positioned to the address or location				
8	Registered Radioac	tive Substances Royal Free And University College Medical School Of University College	A8NW	349	4	527297
	Location: Authority: Permit Reference: Dated: Process Type:	London Medical Physics Department, Royal Free Hospital, Pond Street, London, Greater London, NW3 2PF Environment Agency, Thames Region By6001 3rd August 2005 Registration under S7 RSA for the keeping and use of Radioactive materials	(S)			185410
	Description:	(was RSA60 S1) Substantial variation to a registration under the Act of an open source which is				
	Status:	also the subject of an authorisation Application has been authorised and any conditions apply to the				
	Positional Accuracy:	operatorAuthorised Automatically positioned to the address				
	Registered Radioac	tive Substances				
8	Name: Location:	Anthony Nolan Trust (Ant) Medical Physics Department Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	A8NW (S)	349	4	527297 185410
	Authority: Permit Reference: Dated: Process Type: Description:	Environment Agency, Thames Region Bz0831 14th July 2005 Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Minor variation to a registration under the Act of an open source which is also				
	Status:	Authorisation superseded by a substantial or non substantial variationSuperseded Manually positioned to the address or location				



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Registered Radioad	tive Substances				
8	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	Royal Free And University College Medical School Of University College London Medical Physics Department, Royal Free Hospital, Pond Street, London, Greater London, NW3 2PF Environment Agency, Thames Region Bm0214 28th November 2001 Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation Authorisation superseded by a substantial or non substantial variationSuperseded Automatically positioned to the address	A8NW (S)	349	4	527297 185410
	Registered Radioad	, ,				
8	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, London, NW3 2QG Environment Agency, Thames Region Bj5708 14th February 2001 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Substantial variation to authorisation under RSA Authorisation superseded by a substantial or non substantial variationSuperseded Automatically positioned to the address	A8NW (S)	349	4	527297 185410
	Registered Radioad	etive Substances				
8	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	Royal Free And University College Medical School Of University College London Medical Physics Department, Royal Free Hospital, Pond Street, London, Greater London, NW3 2PF Environment Agency, Thames Region BB6254 27th October 1998 Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Minor variation to a registration under the Act of an open source which is also the subject of an authorisation Authorisation superseded by a substantial or non substantial variationSuperseded Automatically positioned to the address	A8NW (S)	349	4	527297 185410
	Registered Radioad	etive Substances				
8	,	Royal Free And University College Medical School Of University College London Medical Physics Department, Royal Free Hospital, Pond Street, London, Greater London, NW3 2PF Environment Agency, Thames Region AR0403 12th July 1995 Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Registration under the Act of an open source which is also the subject of an authorisation Authorisation superseded by a substantial or non substantial variationSuperseded Automatically positioned to the address	A8NW (S)	349	4	527297 185410
	Registered Radioad		140.4	240	,	E07007
8	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, LONDON, NW3 2QG Environment Agency, Thames Region AB4095 31st March 1991 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Authorisation under RSA Authorisation superseded by a substantial or non substantial variationSuperseded Automatically positioned to the address	A8NW (S)	349	4	527297 185410



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Registered Radioad	tive Substances				
8	Name: Location: Authority: Permit Reference:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, Hampstead, LONDON, Greater London, NW3 2QG Environment Agency, Thames Region AR0446	A8NW (S)	350	4	527292 185410
	Dated: Process Type: Description: Status:	12th July 1995 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Substantial variation to authorisation under RSA Authorisation superseded by a substantial or non substantial				
	Positional Accuracy:	variationSuperseded Automatically positioned to the address				
	Registered Radioad	etive Substances				
8	Name: Location:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, Hampstead, LONDON, Greater London, NW3 2QG	A8NW (S)	352	4	527302 185405
	Authority: Permit Reference: Dated: Process Type:	Environment Agency, Thames Region AE8658 24th March 1992 Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)				
	Description: Status:	Registration under the Act of multiple open sources which are also the subject of authorisations Authorisation superseded by a substantial or non substantial				
	Positional Accuracy:	variationSuperseded Automatically positioned to the address				
	Registered Radioad	rtive Substances				
8	Name: Location:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, Hampstead, LONDON, Greater London, NW3 2QG	A8NW (S)	355	4	527292 185405
	Authority: Permit Reference: Dated: Process Type:	Environment Agency, Thames Region AT8398 17th January 1996 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)				
	Description: Status: Positional Accuracy:	Minor variation to authorisation under RSA Authorisation superseded by a substantial or non substantial variationSuperseded Automatically positioned to the address				
	Registered Radioad	•				
8	Name: Location:	Royal Free And University College Medical School Of University College London Royal Free Hospital, Pond Street, London, NW3 2QG	A8NW (S)	359	4	527299 185399
	Authority: Permit Reference: Dated:	Environment Agency, Thames Region				
	Process Type: Description:	Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Minor variation to authorisation under RSA				
	Status: Positional Accuracy:	Application has been authorised and any conditions apply to the operatorAuthorised Manually positioned to the address or location				
	Registered Radioad					
8	Name:	Royal Free And University College Medical School Of University College London	A8NW (S)	359	4	527299 185399
	Location: Authority: Permit Reference: Dated: Process Type:	Royal Free Hospital, Pond Street, London, NW3 2QG Environment Agency, Thames Region By6010 3rd August 2005 Authorisation under S13 RSA for the disposal of Radioactive waste (was				
	Description: Status:	RSA60 S7) Substantial variation to authorisation under RSA Authorisation superseded by a substantial or non substantial variationSuperseded				
	Positional Accuracy:	Manually positioned to the address or location				



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Registered Radioac					
8	Name: Location: Authority:	Royal Free And University College Medical School Of University College London Royal Free Hospital, Pond Street, London, NW3 2QG Environment Agency, Thames Region	A8NW (S)	359	4	527299 185399
	Permit Řeference: Dated: Process Type:	Bw7635 1st December 2003 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)				
	Description: Status:	Minor variation to authorisation under RSA Authorisation superseded by a substantial or non substantial variationSuperseded Manually positioned to the address or location				
	-					
8	Registered Radioac	Royal Free And University College Medical School Of University College	A8NW	359	4	527299
	Location: Authority: Permit Reference: Dated: Process Type: Description:	London Royal Free Hospital, Pond Street, London, NW3 2QG Environment Agency, Thames Region Bj5694 14th February 2001 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Authorisation under RSA	(S)	333	7	185399
	Status:	Authorisation superseded by a substantial or non substantial variationSuperseded				
	-	Manually positioned to the address or location				
•	Registered Radioac		4.04.04	050	_	507000
8	Name: Location:	Royal Free Hampstead NHS Trust Royal Free Hospital, Pond Street, Hampstead, LONDON, Greater London, NW3 2QG	A8NW (S)	359	4	527292 185400
	Authority: Permit Reference: Dated: Process Type:	Environment Agency, Thames Region AV8011 25th October 1996 Authorisation under S13 RSA for the disposal of Radioactive waste (was				
	Description: Status:	RSA60 S7) Substantial variation to authorisation under RSA Authorisation superseded by a substantial or non substantial variationSuperseded				
	-	Automatically positioned to the address				
9	Authority: Incident Date: Incident Reference: Water Impact:	Category 2 - Significant Incident	A18SW (N)	363	4	527254 186101
	Air Impact: Land Impact: Positional Accuracy: Pollutant:	Category 4 - No Impact Category 4 - No Impact Located by supplier to within 10m Pollutant Not Identified: Not Identified				
	Substantiated Pollu	tion Incident Register				
10	Authority: Incident Date: Incident Reference: Water Impact: Air Impact: Land Impact: Positional Accuracy: Pollutant:	Environment Agency - Thames Region, North East Area 22nd July 2004 252851 Category 2 - Significant Incident Category 4 - No Impact Category 4 - No Impact Located by supplier to within 10m General Biodegradable Materials and WastesAlgae	A19NW (NE)	914	4	527851 186553
	Water Abstractions					
	Operator: Licence Number: Permit Version: Location: Authority: Abstraction:	London Borough Of Camden 28/39/39/0219 1 Swiss Cottage Open Space- Borehole Environment Agency, Thames Region Municipal Grounds: Spray Irrigation - Direct	A2SE (S)	1581	4	526800 184280
	Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End:	Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Swiss Cottage Open Space, Winchester Road, London. 01 January 31 December				
	Permit Start Date: Permit End Date:	1st April 2008 Not Supplied Located by supplier to within 10m				



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions					
	Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	London Borough Of Camden Th/039/0039/087 1 Swiss Cottage Open Space- Borehole Environment Agency, Thames Region Municipal Grounds: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Swiss Cottage Open Space, Winchester Road, London 01 April 31 March 5th December 2013 Not Supplied Located by supplier to within 10m	A2SE (SW)	1617	4	526750 184261
	Water Abstractions					
	Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date:	London Borough Of Camden Th/039/0039/087 1 Swiss Cottage Open Space- Borehole Environment Agency, Thames Region Municipal Grounds: General Washing/Process Washing Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Swiss Cottage Open Space, Winchester Road, London 01 April 31 March 5th December 2013 Not Supplied Located by supplier to within 10m	A2SE (SW)	1617	4	526750 184261
	Water Abstractions					
	Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	London Borough Of Camden Th/039/0039/087 1 Swiss Cottage Open Space- Borehole Environment Agency, Thames Region Municipal Grounds: Lake And Pond Throughflow Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Swiss Cottage Open Space, Winchester Road, London 01 April 31 March 5th December 2013 Not Supplied Located by supplier to within 10m	A2SE (SW)	1617	4	526750 184261
	Water Abstractions					
	Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date:	Greenwich Leisure Limited 28/39/39/0091 101 Kentish Town Sports Centre, Prince Of Wales St Environment Agency, Thames Region Commercial/Industrial/Public Services: Drinking; Cooking; Sanitary; Washing; (Small Garden) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Kentish Town Sports Centre, Prince Of Wales Road, London 01 January 31 December 25th May 2012 Not Supplied	A5NE (SE)	1751	4	528800 184700



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Greenwich Leisure Limited 28/39/39/0091 101 Kentish Town Sports Centre, Prince Of Wales St Environment Agency, Thames Region Other Industrial/Commercial/Public Services: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied St. Pancras Public Baths, Prince Of Wales Road, London Nw1 01 January 31 December 25th May 2012 Not Supplied Located by supplier to within 100m	A5NE (SE)	1751	4	528800 184700
	-	Greenwich Leisure Ltd 28/39/39/0091 101 Two Bores At Kentish Town Sports Centre, Prince Of Wales St Environment Agency, Thames Region Other Industrial/Commercial/Public Services: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied St. Pancras Public Baths, Prince Of Wales Road, London Nw1 01 January 31 December 5th April 2012 Not Supplied Located by supplier to within 100m	A5NE (SE)	1751	4	528800 184700
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	London Borough Of Camden 28/39/39/0091 100 Two Bores At Kentish Town Sports Centre, Prince Of Wales St Environment Agency, Thames Region Commercial/Industrial/Public Services: Drinking; Cooking; Sanitary; Washing; (Small Garden) Water may be abstracted from a single point Groundwater 605 76509 Kentish Town Sports Centre, Prince Of Wales Road, London 01 January 31 December 13th June 1966 Not Supplied Located by supplier to within 100m	A5NE (SE)	1751	4	528800 184700
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	London Borough Of Camden 28/39/39/0091 100 Two Bores At Kentish Town Sports Centre, Prince Of Wales St Environment Agency, Thames Region Industrial; Commercial And Public Services: Laundry Use Water may be abstracted from a single point Groundwater Not Supplied Not Supplied St. Pancras Public Baths, Prince Of Wales Road, London Nw1 01 January 31 December 13th June 1966 Not Supplied Located by supplier to within 10m	A5NE (SE)	1751	4	528800 184700



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: London Borough Of Camden Licence Number: 28/39/39/0091 Permit Version: 100 Location: Two Bores At Kentish Town Sports Centre, Prince Of Wales St Authority: Environment Agency, Thames Region 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: St. Pancras Public Baths, Prince Of Wales Road, London Nw1 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A5NE (SE)	1751	4	528800 184700
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 39 West London Scale: 1:100,000	A13NW (SW)	0	4	527390 185755
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13NW (SW)	0	2	527390 185755
	Superficial Aquifer Designations No Data Available				
	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				
11	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: St Agnes's Well Hydrographic Area: D006 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A13NW (W)	152	4	527231 185761
12	Detailed River Network Lines River Type: Lake/Reservoir River Name: (No 1 Pond) Hydrographic Area: D006 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A13NW (NW)	158	4	527250 185848
13	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D006	A13SW (SW)	102	4	527328 185666



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Lan Name:	ndfill Coverage London Borough of Camden - Has no landfill data to supply		0	5	527390 185755
14	Potentially Infilled L Bearing Ref: Use: Date of Mapping:		A18SW (N)	487	-	527250 186231
15	Potentially Infilled L Bearing Ref: Use: Date of Mapping:	And (Non-Water) S Unknown Filled Ground (Pit, quarry etc) 1996	A8NE (S)	492	-	527473 185261
16	Potentially Infilled L Bearing Ref: Use: Date of Mapping:	and (Non-Water) S Unknown Filled Ground (Pit, quarry etc) 1996	A8NW (S)	529	-	527284 185228
17	Potentially Infilled L Bearing Ref: Use: Date of Mapping:	and (Non-Water) S Unknown Filled Ground (Pit, quarry etc) 1996	A8NW (S)	559	-	527347 185189
18	Potentially Infilled L Bearing Ref: Use: Date of Mapping:	Land (Non-Water) E Unknown Filled Ground (Pit, quarry etc) 1996	A14SE (E)	806	-	528144 185444
19	Potentially Infilled L Bearing Ref: Use: Date of Mapping:	Land (Non-Water) SW Unknown Filled Ground (Pit, quarry etc) 1996	A7NW (SW)	897	-	526616 185296
20	Potentially Infilled L Bearing Ref: Use: Date of Mapping:	Land (Non-Water) SW Unknown Filled Ground (Pit, quarry etc) 1996	A7SE (SW)	954	-	526763 185029
21	Potentially Infilled L Use: Date of Mapping:	Land (Water) Unknown Filled Ground (Pond, marsh, river, stream, dock etc) 1873	A13SW (W)	106	-	527278 185746
22	Potentially Infilled L Use: Date of Mapping:		A12NE (NW)	621	-	526813 186007
23	Licence Reference: Site Location: Operator Location: Authority: Site Category: Max Input Rate: Waste Source Restrictions: Licence Status: Dated: Preceded By Licence: Superseded By Licence:	Wharf & Jetty Services Ltd	A14SE (E)	958	4	528350 185650



Geological

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid	l Geology				
	Description:	Thames Group	A13NW (SW)	0	2	527390 185755
	BGS Estimated Soil	Chemistry	(011)			
	No data available					
	BGS Measured Urba	n Soil Chemistry				
	Sample Area:	British Geological Survey, National Geoscience Information Service 527233, 185694 Topsoil London 31.90 mg/kg 0.60 mg/kg	A13SW (W)	165	2	527233 185694
	Concentration: Chromium Measured	126 40 mg/kg				
	Concentration: Lead Measured Concentration:	478.50 mg/kg				
	Nickel Measured Concentration:	45.60 mg/kg				
	BGS Measured Urba	n Soil Chemistry				
	Sample Area:		A14SW (E)	370	2	527766 185717
	Concentration: Nickel Measured Concentration:	19.50 mg/kg				
	BGS Measured Urba	n Soil Chemistry				
	Sample Årea: Arsenic Measured Concentration: Cadmium Measured Concentration: Chromium Measured Concentration: Lead Measured Concentration: Nickel Measured Concentration:	96.90 mg/kg 626.10 mg/kg 27.60 mg/kg	A8NW (SW)	427	2	527216 185357
	BGS Measured Urba	•	A 19C/M	474	2	527297
	Source: Grid: Soil Sample Type: Sample Area: Arsenic Measured Concentration: Cadmium Measured Concentration: Chromium Measured Concentration: Lead Measured Concentration:		A18SW (N)	4/4	2	527297 186229
		18.70 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urba	an Soil Chemistry				
	Source: Grid: Soil Sample Type: Sample Area: Arsenic Measured	British Geological Survey, National Geoscience Information Service 528324, 185717 Topsoil London 19.50 mg/kg	A14SE (E)	927	2	528324 185717
	Concentration: Cadmium Measured Concentration: Chromium Measured Concentration: Lead Measured Concentration:	0.60 mg/kg				
	Nickel Measured Concentration:	28.40 mg/kg				
	BGS Measured Urba	an Soil Chemistry				
	Source: Grid: Soil Sample Type: Sample Area: Arsenic Measured Concentration: Cadmium Measured Concentration:	British Geological Survey, National Geoscience Information Service 527169, 184808 Topsoil London 20.70 mg/kg 0.60 mg/kg	A8SW (S)	964	2	527169 184808
	Chromium Measured Concentration: Lead Measured	83.40 mg/kg 2153.80 mg/kg				
	Concentration: Nickel Measured Concentration:	34.90 mg/kg				
	RGS Measured Urbs	en Soil Chemistry				
	BGS Measured Urba Source: Grid:	an Soil Chemistry British Geological Survey, National Geoscience Information Service 527271, 186735	A18NW (N)	978	2	527271 186735
	Soil Sample Type: Sample Area: Arsenic Measured Concentration: Cadmium Measured	Topsoil London 13.50 mg/kg				
	Concentration: Chromium Measured Concentration:	104.50 mg/kg				
	Lead Measured Concentration: Nickel Measured Concentration:	217.30 mg/kg 12.30 mg/kg				
	BGS Urban Soil Che	emistry Averages				
	Source: Sample Area: Count Id:	British Geological Survey, National Geoscience Information Service London 7209	A13NW (SW)	0	2	527390 185755
	Arsenic Minimum Concentration:	1.00 mg/kg				
	Arsenic Average Concentration: Arsenic Maximum	17.00 mg/kg 161.00 mg/kg				
	Concentration: Cadmium Minimum Concentration:					
	Cadmium Average Concentration:	0.90 mg/kg				
	Cadmium Maximum Concentration: Chromium Minimum					
	Concentration: Chromium Average					
	Concentration: Chromium Maximum Concentration:					
	Lead Minimum Concentration: Lead Average	11.00 mg/kg 280.00 mg/kg				
	Concentration: Lead Maximum	10000.00 mg/kg				
	Concentration: Nickel Minimum Concentration:	2.00 mg/kg				
	Nickel Average Concentration:	28.00 mg/kg				
	Nickel Maximum Concentration:	506.00 mg/kg				



Geological

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/lap ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Coal Mining Affects	ed Areas				
	In an area that might	t not be affected by coal mining				
	Non Coal Mining An No Hazard	reas of Great Britain				
	Potential for Collap	sible Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	2	527390 185755
	Potential for Comp	ressible Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	2	527390 185755
	Potential for Groun	d Dissolution Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	2	527390 185755
	Potential for Lands	lide Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	2	527390 185755
	Potential for Lands	lide Ground Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	A13SW (S)	0	2	527389 185747
	Potential for Lands	lide Ground Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	A13NW (NW)	224	2	52721 ² 185908
	Potential for Runni	ng Sand Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	2	527390 185755
	Potential for Shrink	ring or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Moderate British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	2	527390 18575
	Radon Potential - R	adon Affected Areas				
	Affected Area:	The property is in a lower probability radon area, as less than 1% of homes are above the action level	A13NW (SW)	0	2	527390 18575
	Source:	British Geological Survey, National Geoscience Information Service				
		adon Protection Measures				
	Protection Measure: Source:	No radon protective measures are necessary in the construction of new dwellings or extensions British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	2	527390 18575



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24 N	Contemporary Trade Directory Entries Name: Kronus (Uk) Ltd Location: 6, Park End, London, NW3 2SE Classification: Catering Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (W)	120	-	527263 185752
25	Contemporary Trade Directory Entries Name: Cleaners Hampstead Location: 53, Constantine Road, London, NW3 2LP Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	165	-	527491 185613
26	Contemporary Trade Directory Entries Name: Metro Cleaning Cameden Location: 38, South End Close, London, NW3 2RB Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	172	-	527319 185590
27	Contemporary Trade Directory Entries Name: Bri-Clean Laundries Location: 57, South End Road, London, NW3 2QB Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (W)	213	-	527188 185678
27	Contemporary Trade Directory Entries Name: Bevan Scaffolding Location: Rutsea Lodge,South End Rd, London, NW3 2QB Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13SW (SW)	214	-	527190 185670
27	Contemporary Trade Directory Entries Name: Padma Location: Davu House, 2b, Heath Hurst Road, LONDON, NW3 2RX Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	217	-	527204 185637
28	Contemporary Trade Directory Entries Name: American Dry Cleaning Location: 29, South End Road, London, NW3 2PT Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	227	-	527236 185581
28	Contemporary Trade Directory Entries Name: House Of Mistry Location: 15, South End Road, LONDON, NW3 2PT Classification: Pharmaceutical Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	243	-	527251 185547
29	Contemporary Trade Directory Entries Name: Jellyfish Location: C, 31, Tanza Road, London, NW3 2UA Classification: Children & Babywear - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	259	-	527587 185930
30	Contemporary Trade Directory Entries Name: Bloomsbury Dsp Location: 77B Fleet Rd, London, NW3 2QU Classification: Electrical Engineers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SE (S)	282	-	527436 185467
31	Contemporary Trade Directory Entries Name: Alva Lighting Location: 4, Ella Mews, London, NW3 2NH Classification: Lighting Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	299	-	527534 185482
31	Contemporary Trade Directory Entries Name: Top Choice Dry Cleaners Ltd Location: 96, Fleet Road, London, NW3 2QX Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	305	-	527528 185473



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trad	le Directory Entries				
72	Name: Location: Classification: Status: Positional Accuracy:	American Dry Cleaning 47, Hampstead High Street, London, NW3 1QG Dry Cleaners Active Automatically positioned to the address	A12NW (W)	983	-	526400 185759
	Contemporary Trad	de Directory Entries				
72	Name: Location: Classification: Status:	Scrap Yard In Hampstead Htt Hampstead Station, Hampstead High Street, London, NW3 1QG Car Breakers & Dismantlers Inactive Automatically positioned to the address	A12NW (W)	990	-	526393 185780
	Contemporary Trad	le Directory Entries				
73	Name: Location: Classification: Status: Positional Accuracy:	Soul Revolver 9, Back Lane, London, NW3 1HL Leather Garments & Products Active Automatically positioned to the address	A12NW (W)	960	-	526425 185827
	Contemporary Trad	le Directory Entries				
74	Name: Location: Classification: Status: Positional Accuracy:	Crabtree & Evelyn 65, Hampstead High Street, London, NW3 1QP Toiletries Inactive Automatically positioned to the address	A12SW (W)	963	-	526422 185704
	Contemporary Trad	le Directory Entries				
75	Name: Location: Classification: Status: Positional Accuracy:	D Schuman 129 Weedington Rd, London, NW5 4PQ Garage Services Inactive Manually positioned to the address or location	A9NE (SE)	988	-	528231 185218
	-	le Directory Entries				
75	Name: Location: Classification: Status:	Luckys Deluxe Ltd 129, Weedington Road, London, NW5 4PQ Ice Cream Manufacturers & Suppliers Inactive Automatically positioned in the proximity of the address	A9NE (SE)	989	-	528231 185218
	-	le Directory Entries				
76	Name: Location: Classification: Status:	Cleaners Of Camden 34, Primrose Gardens, London, NW3 4TN Carpet, Curtain & Upholstery Cleaners Inactive Automatically positioned to the address	A8SE (S)	997	-	527485 184753
	Fuel Station Entries	S				
77	Name: Location: Brand: Premises Type: Status: Positional Accuracy:	Belsize Park Service Station Belzier Park Service Station, 215, Haverstock Hill, London, NW3 4QE BP Petrol Station Open Automatically positioned to the address	A8NW (S)	558	-	527187 185227
	Fuel Station Entries	S				
78	Name: Location: Brand: Premises Type: Status: Positional Accuracy:	Court Service Station 160a Malden Road, Kentish Town, LONDON, NW5 4BT Obsolete Not Applicable Obsolete Located by supplier to within 100m	A9NW (SE)	840	-	528033 185200
	Points of Interest -	Commercial Services				
79	Name: Location: Category: Class Code: Positional Accuracy:	Car Wash Belzier Park Service Station 215, Haverstock Hill, London, NW3 4QE Personal, Consumer and other Services Vehicle Cleaning Services Positioned to address or location	A8NW (S)	558	6	527187 185227
	Points of Interest -	Commercial Services				
80	Name: Location: Category: Class Code: Positional Accuracy:	Zapem Pest Control London 26 Downside Crescent, London, NW3 2AS Contract Services Pest and Vermin Control Positioned to address or location	A8NE (S)	585	6	527537 185179



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
86	Points of Interest - Education and Health Name: Royal Free Hospital Location: Royal Free Hospital, Pond Street, London, NW3 2QG Category: Health Practitioners and Establishments Class Code: Accident & Emergency Department Positional Accuracy: Positioned to address or location	A8NW (S)	349	6	527297 185410
87	Points of Interest - Manufacturing and Production Name: Works Location: NW3 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	132	6	527252 185744
87	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	133	6	527251 185744
88	Points of Interest - Manufacturing and Production Name: Sand Pit Location: NW5 Category: Extractive Industries Class Code: Sand, Gravel and Clay Extraction and Merchants Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	445	6	527840 185798
89	Points of Interest - Manufacturing and Production Name: Zarka Marble Ltd Location: 43 Belsize Lane, London, NW3 5AU Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A7SE (SW)	984	6	526861 184917
89	Points of Interest - Manufacturing and Production Name: Zarka Marble Ltd Location: 43 Belsize Lane, London, NW3 5AU Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A7SE (SW)	984	6	526861 184917
90	Points of Interest - Public Infrastructure Name: Hampstead Heath Rail Station Location: South End Road, NW3 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A13SW (SW)	181	6	527250 185634
90	Points of Interest - Public Infrastructure Name: Hampstead Heath Station Location: South End Road, NW3 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A13SW (SW)	181	6	527250 185634
91	Points of Interest - Public Infrastructure Name: Sluice Location: NW3 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	275	6	527235 185993
92	Points of Interest - Public Infrastructure Name: Hampstead Police Station Location: Hampstead Police Station 26, Rosslyn Hill, London, NW3 1PD Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A12SE (SW)	547	6	526883 185539
92	Points of Interest - Public Infrastructure Name: Metropolitan Police Service Hampstead Location: Hampstead Police Station 26, Rosslyn Hill, London, NW3 1PD Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A12SE (W)	562	6	526866 185540
93	Points of Interest - Public Infrastructure Name: Belzier Park Service Station Location: Belzier Park Service Station 215, Haverstock Hill, London, NW3 4QE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8NW (S)	557	6	527188 185227



Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	Points of Interest - Public Infrastructure Name: Belsize Park Self Serve Location: Belzier Park Service Station 215, Have Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	erstock Hill, London, NW3 4QE	A8NW (S)	557	6	527188 185227
93	Points of Interest - Public Infrastructure Name: BP Service Station Belsize Park Self S Location: Belzier Park Service Station 215, Have Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location		A8NW (S)	558	6	527187 185227
93	Points of Interest - Public Infrastructure Name: Belsize Park Self Serve Location: Belzier Park Service Station 215, Have Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	erstock Hill, London, NW3 4QE	A8NW (S)	558	6	527187 185227
94	Points of Interest - Public Infrastructure Name: Location: Category: Class Code: Positional Accuracy: A M Rubbish Clearance Tounboyne Road, London, NW3 2Y Unfrastructure and Facilities Waste Storage, Processing and Dispo		A9NW (SE)	558	6	527795 185357
95	Points of Interest - Public Infrastructure Name: Sluice Location: NW3 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or lo	ocation	A18SW (NW)	638	6	527121 186344
96	Points of Interest - Public Infrastructure Name: Sluice Location: NW3 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or lo	ocation	A17NE (NW)	822	6	526935 186450
97	Points of Interest - Public Infrastructure Name: Sluice Location: N6 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or lo	ocation	A19NW (NE)	829	6	527877 186434
98	Points of Interest - Public Infrastructure Name: Sluice Location: N6 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or lo	ocation	A19SW (NE)	851	6	528029 186325
99	Points of Interest - Public Infrastructure Name: Gospel Oak Rail Station Location: Gordon House Road, NW5 Category: Public Transport, Stations and Infrastr Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	ucture	A14SE (E)	872	6	528266 185674
99	Points of Interest - Public Infrastructure Name: Gospel Oak Station Location: Gordon House Road, NW5 Category: Public Transport, Stations and Infrastr Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location		A14SE (E)	872	6	528266 185674
100	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or lo	ocation	A13SW (S)	144	6	527351 185607
100	Points of Interest - Recreational and Environmental Name: Playground Location: St Crispins Close, NW3 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or lo	ocation	A13SW (S)	144	6	527351 185608



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	449	6	527841 185818
101	Points of Interest - Recreational and Environmental Name: Playground Location: Savernake Road, NW5 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14NW (E)	449	6	527840 185823
102	Points of Interest - Recreational and Environmental Name: Playground Location: Savernake Road, NW5 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	574	6	527971 185781
102	Points of Interest - Recreational and Environmental Name: Adventure Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	574	6	527971 185783
102	Points of Interest - Recreational and Environmental Name: Adventure Playground Location: Savernake Road, NW5 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14NW (E)	615	6	528011 185795
103	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	678	6	528075 185780
103	Points of Interest - Recreational and Environmental Name: Playground Location: Savernake Road, NW5 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	678	6	528075 185779
104	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	775	6	528071 185365
105	Points of Interest - Recreational and Environmental Name: Adventure Playground Location: NW3 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SE (SE)	784	6	527702 185026
105	Points of Interest - Recreational and Environmental Name: Adventure Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	837	6	527689 184963
105	Points of Interest - Recreational and Environmental Name: Adventure Playground Location: Fountain Mews, NW3 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	837	6	527689 184963
106	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	952	6	528238 185301



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Points of Interest - R	Recreational and Environmental				
106	Name: Location: Category: Class Code:	Play Area Weedington Road, NW5 Recreational Playgrounds Positioned to address or location	A9NE (SE)	955	6	528241 185302
	Points of Interest - R	Recreational and Environmental				
106	Location: Category: Class Code:	Play Area Not Supplied Recreational Playgrounds Positioned to an adjacent address or location	A9NE (SE)	989	6	528291 185324
	Points of Interest - R	Recreational and Environmental				
107	Location: Category: Class Code:	Playground Kiln Place, NW5 Recreational Playgrounds Positioned to an adjacent address or location	A14SE (E)	970	6	528325 185464
	Points of Interest - R	Recreational and Environmental				
107	Location: Category: Class Code:	Playground Not Supplied Recreational Playgrounds Positioned to an adjacent address or location	A14SE (E)	976	6	528331 185465
	Points of Interest - R	Recreational and Environmental				
108	Location: Category: Class Code:	Playground Malden Road, NW5 Recreational Playgrounds Positioned to address or location	A9NE (SE)	981	6	528140 185108
	Points of Interest - R	Recreational and Environmental				
108	Location: Category: Class Code:	Playground Not Supplied Recreational Playgrounds Positioned to an adjacent address or location	A9NE (SE)	985	6	528143 185106
	Points of Interest - R	Recreational and Environmental				
109	Location: Category: Class Code:	Playground Nr Parkhill Road, NW3 Recreational Playgrounds Positioned to an adjacent address or location	A9SW (SE)	992	6	527837 184859
	Points of Interest - R	Recreational and Environmental				
109	Location: Category: Class Code:	Playground Not Supplied Recreational Playgrounds Positioned to an adjacent address or location	A9SW (SE)	993	6	527837 184858
	Underground Electri	ical Cables				
110	Unique Feature Identifier: Cable Status: Cable Type:	265405 Commissioned Pilot (Communication) 4th June 2013	A12SE (W)	601	7	526825 185540
	Underground Electri	ical Cables				
111	Unique Feature Identifier: Cable Status: Cable Type:	265547 Commissioned Pilot (Communication) 4th June 2013	A12SE (W)	602	7	526823 185540
	Underground Electri	ical Cables				
112	Unique Feature Identifier: Cable Status: Cable Type:	265406 Commissioned Pilot (Communication) 4th June 2013	A12NE (W)	632	7	526762 185881



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Underground Elect	rical Cables				
113	Unique Feature Identifier: Cable Status: Cable Type: Record Last Updated:	265526 Commissioned Pilot (Communication) 4th June 2013	A12NE (W)	634	7	526761 185881
	Underground Elect	rical Cables				
114	Unique Feature Identifier: Cable Status: Cable Type: Record Last Updated:	265404 Commissioned Pilot (Communication) 4th June 2013	A17SE (NW)	713	7	526770 186126
	Underground Elect	rical Cables				
115	Unique Feature Identifier: Cable Status: Cable Type: Record Last Updated:	265528 Commissioned Pilot (Communication) 4th June 2013	A17SE (NW)	715	7	526769 186126
	Underground Elect	rical Cables				
116	Unique Feature Identifier: Cable Status: Cable Type: Record Last Updated:	265545 Commissioned Pilot (Communication) 4th June 2013	A7NW (SW)	882	7	526660 185252
	Underground Elect	rical Cables				
117	Unique Feature Identifier: Cable Status: Cable Type: Record Last Updated:	264253 Commissioned Pilot (Communication) 4th June 2013	A7NW (SW)	889	7	526656 185247
	Underground Elect	rical Cables				
118	Unique Feature Identifier: Cable Status: Cable Type: Record Last Updated:	265525 Commissioned Pilot (Communication) 4th June 2013	A7SE (SW)	955	7	526888 184934
	Underground Elect	rical Cables				
119	Unique Feature Identifier: Cable Status: Cable Type: Record Last Updated:	265403 Commissioned Pilot (Communication) 4th June 2013	A7SE (SW)	956	7	526894 184930



Sensitive Land Use

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Nature Rese	rves				
120	Name: Multiple Area: Area (m2): Source: Designation Date:	Belsize Wood N 2722.99 Natural England 28th March 2012	A8NE (S)	447	8	527487 185309

Order Number: 84784897_1_1 Date: 19-Apr-2016 rpr_ec_datasheet v50.0 A Landmark Information Group Service Page 31 of 40



Useful Contacts

Contact	Name and Address	Contact Details
2	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
3	London Borough of Camden - Pollution Projects Team Seventh Floor, Town Hall Extension, Argyle Street, London, WC1H 8EQ	Telephone: 020 7278 4444 Fax: 020 7860 5713 Website: www.camden.gov.uk
4	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
5	London Borough of Camden Town Hall, Judd Street, London, WC1H 9JE	Telephone: 020 7974 4444 Fax: 020 7974 6866 Email: info@camden.gov.uk Website: www.camden.gov.uk
6	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
9	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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