

14 ELDON GROVE, CAMDEN

HYDROGEOLOGICAL RISK ASSESSMENT

This report forms part of a wider Basement Impact Assessment

JUNE 2014

1303/ML/06-14/213

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REGISTRATION OF AMENDMENTS

Revision and Date	Amendment Details	Revision Prepared By	Revision Approved By



1.0 INTRODUCTION

- 1.1 Lustre Consulting has been instructed by Schneider Designers Limited to carry out a Hydrogeological Risk Assessment for a proposed basement development at 14 Eldon Grove in the London Borough of Camden.
- 1.2 The site, which currently comprises a semi-detached three storey residential building with an existing basement (beneath the rear part of the property) and loft conversion, is being considered for a basement extension (beneath the front part of the property). It is understood that a planning application has been submitted to the London Borough of Camden for the basement development, which will provide an additional self-contained residential basement apartment to the building.
- 1.3 Basement developments within the London Borough of Camden have to comply with several internal policies and planning guidance, namely:
 - Local Development Framework (LDF) DP23: Water (Ref. 1);
 - Local Development Framework (LDF) DP27: Basements and Lightwells (Ref. 2);
 and
 - Camden Planning Guidance 4 Basements and Lightwells (Ref. 3).
- 1.4 The various investigations and assessments required by these documents form a Basement Impact Assessment (BIA). This Hydrogeological Risk Assessment (HRA) report, in conjunction with a Drainage Assessment and a Structural Assessment (completed by others), forms part of the wider BIA.
- 1.5 In addition to the above policies and planning guidance, the London Borough of Camden has produced a report to inform subterranean developments, which details the borough's geological, hydrogeological and hydrological setting (Ref. 4). Reference to this key document has been made throughout this report. Guidance set out in the Environment Agency's "Groundwater Protection: Policy and Practice" report, has also been considered with particular regard to policies P6 7, P6 8, P6 9 and P6 11 (Ref. 5).

Scope of Works

1.6 In accordance with the requirements of CPG 4, this Hydrogeological Risk Assessment follows a staged approach, summarised in Table 1 overleaf.



Table 1 - Basement Impact Assessment Process

Stage	Description	Purpose
Stage 1	Screening	Identification of any matters of concern which should be investigated (in line with CPG 4 screening flow charts)
Stage 2	Scoping	Identification of the potential impacts of the proposed scheme which have been shown in Stage 1 to need further investigation
Stage 3	Site Investigation and Study	Site investigation (including desk studies, investigations, monitoring and reporting) to develop further understanding of the site)
Stage 4	Impact Assessment	Evaluation of the direct and indirect implications of the proposed scheme on the receptors identified during Stage 1
Stage 5	Review and Decision Making	This stage is carried out by the London Borough of Camden and comprises an audit of the information supplied and a decision on the acceptability of the impacts of the basement proposal

- 1.7 The identification of matters of concern and potential impacts form Stages 1 and 2 of the Hydrogeological Risk Assessment (and wider BIA). Stage 3 of the Hydrogeological Risk Assessment comprises a desk study review of existing information on the site combined with a site walkover.
- 1.8 The main objectives of the desk study stage are summarised below:
 - Review of geological, hydrogeological and hydrological mapping / data to inform the site setting, with particular reference to the London Borough of Camden's guidance report (Ref. 4);
 - Collation and review of any publically available historic borehole records in close proximity to the development area (in addition to any site specific information available);
 - Review of on-site historic mapping, focusing on historic potential sources of contamination;
 - The completion of a site walkover to assess any visual evidence of contamination, review site activities, surface cover and topography; and
 - Development of a conceptual model summarising the hydrogeological setting and potential pollutant linkages relevant to the proposed development.
- 1.9 A qualitative risk assessment is then undertaken, which forms Stage 4 of the report. This determines the level of risk from the recognised hazards and identifies any potential impact(s) the proposed development may have of on any relevant receptors. The risk assessment methodology adopted within this report is in accordance with UK published environmental risk assessment methodologies, considered the most appropriate for the site and for which a detailed description is included as Appendix A.



1.10 This report has been prepared using published information and information provided by the Client which was made available at the time of writing only. No liability is extended to any information which has become available since this time. No third party liability or duty of care is extended. Third parties using information contained in this report do so at their own risk.

Report Structure

1.11 Chapter 2 of this report forms the screening and scoping exercise (Stages 1 and 2), whilst Chapter 3 introduces the proposed basement scheme. Chapter 4 sets out the findings of the desk study (Stage 3), with the impact assessment (Stage 4) included as Chapter 5. The conclusions (Stage 5) are set out in Chapter 6 and the report references are listed in Chapter 7.



2.0 SCREENING AND SCOPING

2.1 This chapter details the screening and scoping stages (Stages 1 and 2) of the BIA, undertaken to identify matters that are relevant to the assessment of the hydrogeological regime. The screening process has been carried out in accordance with CPG 4 by following the Subterranean (Groundwater) Flow screening chart (CPG 4, Figure 1). The screening chart comprises a series of questions, reproduced in Table 2 below. The desk study undertaken in subsequent Chapters aims to address each of these questions.

Table 2 – Subterranean (Groundwater) Flow Screening Questions

No.	Question			
1	Is the site located directly above an aquifer?			
2	Will the proposed basement extend beneath the water table surface?			
3	Is the site within 100m of a watercourse, well (used / disused) or potential spring line?			
4	Is the site within the catchment of the pond chains on Hampstead Heath?			
5	Will the proposed basement development result in a change in the proportion of hard surfaced / paved areas?			
As part of the site drainage will more surface water (e.g. rainfall and run- at present be discharged to the ground (e.g. via soakaways and / or SuD				
7	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 (not just the pond chains on Hampstead Heath) or spring line?			

- 2.2 For subterranean developments, DP27 of the LDF requires determination of the impact the proposed basement development will have on controlled waters. In particular, considering the potential obstruction of shallow groundwater flow and the potential for pollution of controlled waters. CPG 4 requires the consideration of the potential risks posed to the local hydrological and hydrogeological regimes and ground stability.
- 2.3 It is considered, at this stage of the assessment, that the potential obstruction of shallow groundwater flow, the potential for pollution of controlled waters and adverse impacts on local hydrogeology are valid concerns, which require further assessment.
- 2.4 It is noted that matters relating specifically to site drainage and flood risk are considered in the Drainage Assessment report and so are not considered further within this report.



3.0 SUMMARY OF BASEMENT SCHEME

- 3.1 The proposed development comprises the addition of a second basement at the site, which will extend north-east from the south-western site boundary, to join the north-eastern wall of the existing basement. The basement footprint will therefore extend approximately 4.5m beyond the footprint of the current structure to the site boundary at the front of the property, and occupy approximately 85% of the width of the front garden area. The proposed basement will cover an approximate area of 93.6m² (approximately 57.6m² beneath the current building footprint and 36m² to the south-west in the front garden).
- 3.2 The basement, which will be constructed up to a maximum depth of approximately 3.6m bgl, (ground floor level at 85.43m AOD and basement floor at 82.44m AOD, plus an allowance for basement floor slab) is to be used as a residential flat, comprising two bedrooms, a bathroom, a kitchen and a lounge (as shown in Figures 1 to 3 overleaf). It is noted that the south-western corner of the basement (approximately 19m²) is open at ground level, with an external stairwell to the basement floor level and stepped planters on the south-western site boundary.
- 3.3 It is noted that the adjacent property at 15 Eldon Grove also has a basement which extends across the front of the adjacent property. As such, the proposed basement will border the existing on site basement to the north-east and the adjacent property's basement to the south-east. It is understood that the basement excavation will comprise a staged underpinning of the north-western and south-western boundaries whilst the excavation advances.
- 3.4 Basement construction will comprise a cast-in-sequence reinforced concrete structure with concrete perimeter retaining walls along the north-western and south-western boundaries and a concrete ground bearing slab.
- 3.5 In comparison with the current layout, the renovation works will increase the area of hardstanding at the ground surface and also create a stepped change in ground level at the front of the site.



Figure 1 – Proposed Side Elevation

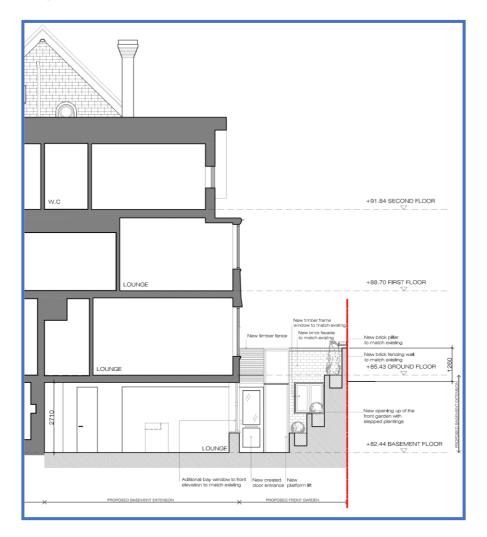


Figure 2 – Proposed Front Elevation





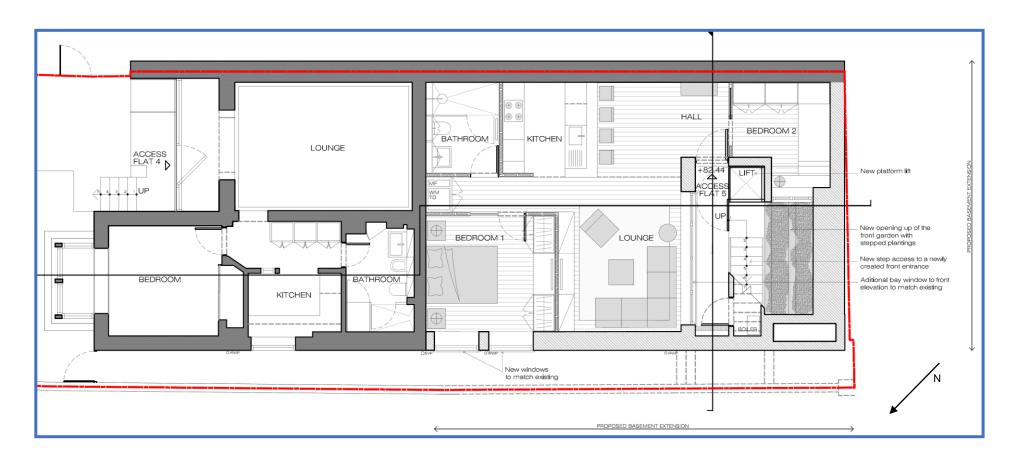


Figure 3 – Proposed Floor Plan

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4.0 SITE INVESTIGATION AND STUDY

4.1 This Chapter presents the desk study phase of the assessment, to provide further information on the site and its setting.

Site Location

- 4.2 The site is located off Eldon Grove to the south-west of Hampstead Heath in Camden, north-west London. The site is centred within National Grid Reference 526880, 185430 and comprises an approximate area of 0.03ha, as shown in Figure 4 below.
- 4.3 Figure 4 also shows the approximate location of a below ground railway line/tunnel (understood to be the Northern Line of the London Underground), which extends beneath the rear of the site.

Figure 4 - Site Location Plan



Site Inspection

A walkover of the site was carried out by Lustre Consulting on Thursday 20th June 2014. The site was found to comprise a three storey semi-detached dwelling with existing basement and loft conversion, as shown in Plates 1 and 2. The property is understood to comprise four residential apartments (ground floor, first floor, loft conversion and basement) and was occupied at the time of the walkover. A small garden area and domestic waste bin store was present at the front of the property, as shown in Plate 3. Along the northern-western site boundary a narrow footpath was present, extending from the front of the property along the site boundary to a rear garden area.



- 4.5 The rear garden was present to the north-east of the property comprising a rectangular shaped area of turf and vegetation, as shown in Plate 4.
- 4.6 Ground level across the site fell from around 85.5m AOD at the front of the property to 83.5m AOD in the rear garden. The lowest part of the site was to the rear of the building, at the entrance to the existing basement, around 82.8m AOD.
- 4.7 All of the rainwater downpipes from the property existed on the north-western side of the building and around the bay windows at the front and rear respectively. Two manhole covers were identified on site, although could not be lifted at the time of the walkover.
- 4.8 It is understood that drainage from the rear of the property, including a small surface water runoff drain located in the lowest part of the site (external to the rear entrance of the existing basement), extends to a manhole located approximately 1.0m from the rear of the property within the footpath area. This drain is understood to extend to the side of the property and then extend and flow south-west along the length of the path to towards Eldon Grove. A second manhole was identified in the front garden situated near to the terminus of the footpath. It is understood from the Client that drainage from within the existing basement joins this drainage channel. A third manhole was noted within the bathroom of the existing basement.





Plate 1: View of the property – southern-western elevation



Plate 2: View along northern-western site boundary



Plate 3: Existing front garden area



Plate 4: Rear garden of property

- 4.9 The adjacent property to the east, 15 Eldon Grove, comprised a similar structure, with residential use on the ground floor and above, and office use within a basement. The footprint of the proposed basement on site will border the existing basement in the adjacent plot.
- 4.10 Surrounding properties were all predominantly residential in use. The dwelling to the rear of the site was currently undergoing renovation at the time of the walkover with the construction of a basement.
- 4.11 No evidence of potentially contaminative activities or sources of contamination were noted on site. No bulk fuel or waste storage was observed. Neighbouring residential properties are considered low risk from a contamination perspective.

Public Record Information

4.12 Information on potentially significant environmental issues and controls at the site and surrounding area may be held on public records by regulatory authorities. This information has been sourced directly from the regulatory authorities and from the Envirocheck database (taken within relevant distances from the site centre). A copy of the Envirocheck report (Ref. 6) is enclosed in Appendix B. A summary of the significant environmental issues and controls in the Envirocheck database are summarised in Table 3 overleaf.



Table 3 - Publicly Recorded Information

Public Record	On site or Off site	Features
Discharge Consents Off site		A single discharge consent is listed within 1km of the site, located circa. 945m NW. This now revoked consent related to a reservoir/borehole site operated by Thames Water Utilities Ltd for the discharge of trade effluent to the River Thames.
Local Authority Pollution Prevention and Controls	Off site	Three Local Authority Pollution Prevention and Control records are listed within 500m of the site. These records relate to a currently permitted petrol filling station (circa 370m SE), an incineration process at a nearby hospital (now revoked, circa. 400m E) and a currently permitted dry cleaners located circa. 430m E of the site.
Pollution Incidents to Controlled Waters	Off site	There are no records of pollution incidents to controlled waters within 1km of the site.
Registered Radioactive Substances	Off site	There are no records of registered radioactive substances listed within 250m of the site. Thirty-six records were however identified beyond 400m from the site located at the Royal Free Hampstead NHS Trust (400m E).
Contemporary Trade Five entries are listed in the contemporary trade directory within 250m of the site. Entries included in the contemporary trade directory within 250m of the site.		Five entries are listed in the contemporary trade directory within 250m of the site. Entries include cleaning services (150m NW and 210m NW), and electrical retail outlet (190m NW), a pet food supplier (200m NW) and a decorating centre (230m NW).
Waste and Landfill Sites	Off site	Historic landfills: There are no records of historic landfills within 1km of the site. Recorded and registered landfill sites: There are no entries of recorded or registered landfills within 1km of the site. Licensed Waste Management Facilities (LWMF): There are no records of LWMF within 1km of the site. Registered Waste Treatment or Disposal Sites: A single Registered Waste Transfer Site is listed, located circa. 930m SW. This licence, shown as cancelled in 1992, was held by P B Donoghue for the purposes of handling inert and non-putrescible wastes.

Potential impact to the site from significant environmental issues is in bold. The approximate bearing of identified features is abbreviated with the first letter (e.g. South West = SW). Distances are approximate.

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Regulator Consultations

4.13 A review of the Environment Agency's website did not identify any additional pollution incidents or landfill sites to those summarised in Table 3.

Site History

4.14 The site history has been assessed by reviewing historical Ordnance Survey maps provided by Envirocheck (Ref. 6). Table 4, overleaf, summaries the full history of the site and surrounding area (acknowledging potentially contaminative land uses within 250m from the site) with an indication of the potential contaminants. Copies of key historical maps are enclosed in Appendix C.



Table 4 - Site History

Maps Dated	On site/ Off site	Features	Potential Contaminants (from land use within 250m)
	On site	The site forms part of a large residential estate, which extends further north-east and south-east. Much of the site area is occupied by the estate grounds, with part of the residential estate building present along the eastern site boundary, extending further east.	-
1871 – 1896	Off site	Surrounding land use within 200m comprises residential dwellings, public open space and local amenities, including churches, schools and public buildings. Approximately 230m north-east a railway line is present, orientated north-east / south-west, which enters a tunnel section. A Ventilation Shaft is present approximately 280m south-west of the site indicating the tunnel section of the aforementioned railway line extends beneath the site. Rosslyn Park is present circa. 300m south-west. Hampstead Park and associated ponds are present 500m north-east.	-
	On site	The former residential estate has been cleared and the currently present residential dwelling constructed on site. Rear gardens are shown on the 1934-1935 map.	-
1915 – 1935	Off site	No significant change to surrounding landuse noted, which remains predominantly residential with public open space. Non-residential land use appears to be predominantly amenity use /public buildings and retail. Fever Hospital is present approximately 300m east of the site. A Railway Station and associated Depot is present beyond 380m north-west of the site.	-
	On site	No significant change to site layout/use.	-
1954 – 2014	Off site	No significant change to surrounding landuse within 250m from the site. The Fever Hospital has been renamed several times, and undergone significant expansion and redevelopment throughout the 1960s - 1980s.	-

Potential impact to the site from significant environmental issues is in bold. The approximate bearing of identified features is abbreviated with the first letter (e.g. south-west = SW).

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Environmental Setting

Geology

- 4.15 The 1:50,000 British Geological Survey (BGS) map (Sheet 256) (Ref. 7) shows the site to be directly underlain by the Claygate Member (clayey silt and sandy silt). Historic BGS logs in the area indicate that the Claygate Member could be up to 5m thick. The clay minerals present within this stratum may exhibit a tendency for swelling and shrinking depending on the moisture content of the soil. The silts and clays in the Claygate Member range from soft to very stiff. Reference to Camden's Geological, Hydrogeological and Hydrological Study Figure 3, further reaffirms the likely geology underlying the site (Ref. 4).
- 4.16 No superficial deposits are recorded as present on site.
- 4.17 Underlying the Claygate Member, the London Clay Formation is present comprising silty clay and clay up to 75m thick. The London Clay is described as mostly fine grained cohesive soils with sandier units present; particularly towards the deeper parts of the London Clay Formation. There is a potential for fissured over-consolidated clays at depth. The sandier units are likely to be inter-bedded sandy clayey silts and sandy silts within the fissures, up to 5m thick. At significant depth, beneath the London Clay, Chalk is present; a water bearing aquifer (lower aquifer).
- 4.18 To inform basement design, site specific information on ground conditions and groundwater presence has been obtained. A ground investigation was undertaken by CET in November 2013 (Ref. 13), which involved the drilling of two boreholes to depths of 5.0m (BH1 and BH2), within the footprint of the site. Given the changes in elevation across the site (approximate 1m fall from south-west to north-east), the base depth of BH2 is approximately 1.25m deeper.
- 4.19 BH1 was located within the footprint of the proposed basement, while BH2 was located in the rear garden. Ground conditions encountered reflect those set out above and are summarised below. Borehole logs are provided in Appendix D.
 - Made Ground: Topsoil over medium compact, mid to dark brown, sandy, very silty CLAY with occasional gravel, chalkstone, brick, concrete pieces and clinker fragments to 1.1m bgl.



- Claygate Member: Stiff, mid brown/orange, grey veined, silty CLAY with partings of orange & brown silt & fine sand with occasional claystone nodules, becoming very stiff at 1.9m bgl (proved to 5.0m bgl). Dead and decomposing root fragments were noted to around 4.5m bgl.
- No groundwater, perched or otherwise, was encountered in either borehole.

Hydrogeology

- 4.20 The aquifer designation maps (Ref. 8, 9) indicate that the site is situated on a Secondary A aquifer relating to the Claygate Member (upper aquifer). According to the Environment Agency, Secondary A aquifers are 'permeable rock layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flows to rivers.' Reference to Camden's Geological, Hydrogeological and Hydrological Study indicates that sand present within the Claygate Member (where present) can make it relatively permeable in comparison to the underlying London Clay.
- 4.21 The London Clay Formation is recorded as an unproductive stratum with regard to groundwater resources. Generally, unproductive strata are defined as low permeability soils with negligible significance for water supply or river base flow. It should be noted however that groundwater can permeate slowly through London Clay, flowing along fissures and cracks in the clay and through localised more permeable lenses. Groundwater flow, however, will always be significantly slower compared to classified aquifers (Ref. 4).
- 4.22 Observations of soils on site do not indicate the presence of significant quantities of sand within the Claygate Member, with fine sand only present in partings. In addition, the absence of groundwater seepages or strikes in both boreholes reaffirms the low likelihood of a significant or continuous body of groundwater present in shallow soils on site.
- 4.23 The underlying Chalk is confined at significant depth beneath the London Clay, and as such, the proposed basement development is considered highly unlikely to impact groundwater within this lower aquifer.
- 4.24 The site does not lie within a groundwater Source Protection Zone (SPZ). There are no groundwater abstractions present within 1km of the site. A detailed description of the aquifer types, soil classification and Source Protection Zones is in Appendix A.



Hydrology

- 4.25 The nearest surface water feature is Hampstead No. 1 Pond located 500m to the north-east of the site, which forms part of the Hampstead Heath interlinked water features. It is understood from Camden's Geological, Hydrogeological and Hydrological Study that the ponds 'no longer serve as reservoirs for water supply, but now have a mixture of uses including recreational swimming and wildlife habitats. In hydrological terms the ponds continue to provide flood storage and they are subject to control and protection under the 'Reservoirs Act'.
- 4.26 Records indicate that the Hampstead No. 1 Pond has an area of 29,000m³ and does not have a designated/specific recreational use. Hampstead No. 1 Pond is hydraulically linked to Hampstead No. 2 Pond and Mixed Bathing Pond 3, which are used for fishing and bathing respectively.
- 4.27 Taking into account that the ponds are part-fed by groundwater from the underlying Secondary Aquifer (relating to the Bagshot Formation not present on site), groundwater in the immediate vicinity of Hampstead Heath is likely in hydraulic continuity with the ponds. Reference to Camden's Geological, Hydrogeological and Hydrological Study Figure 13, shows the catchment area of this pond chain to be to the north of the pond (site located approximately 500m to the south). As such, the site lies outside and down gradient of the Hampstead Heath catchment area.
- 4.28 There are no surface water abstractions listed within 1km of the site.

Summary

- 4.29 The sensitivity of each of the identified receptors has been rated depending upon the environmental setting of the site, the likelihood for pollutant linkages to be present and potential consequence of those potential pollutant linkages. The assessment approach adopted is based on guidance set out in the Guidance for the Safe Development of Housing on Land Affected by Contamination R&D 66 document (Ref. 10).
- 4.30 The sensitivity of groundwater within the Claygate Member has been designated as L1 (Low), described in Ref. 10 as a 'permeable strata/minor aquifer near surface, but no apparent use and low vulnerability (may also be a significant aquifer but downgraded by long term/ permanent degradation of water quality). May provide pathway to surface watercourse at distance.' This is based on the classification of the aquifer, the absence of groundwater



encountered on site, the low permeability soils observed and the distance to the nearest offsite receptor.

- 4.31 The sensitivity of groundwater within the London Clay has been designated as L2 (Very Low), described in Ref. 10 as 'not a recognised aquifer, but strata beneath site may retain a small amount of contaminated liquid but there is likely to be limited vertical penetration.'
- 4.32 The site sensitivity to surface water has been designated as L1 (Low). Based on the ground conditions described by CET there is very limited potential for significant transmission via baseflow and no interconnecting drains. This classification has been assigned considering the distance to the nearest surface water feature (circa. 500m). In addition, there are no recorded potable surface water abstractions recorded within 1km of the site.
- 4.33 The sensitivity classifications noted above have been taken into consideration in the development of the conceptual model detailed below.

Conceptual Model

4.34 The objective of the conceptual model is to identify potential contaminant / hydrogeological sources, pathways and receptors relating to the site and the proposed basement development.

Potential Sources / Hazards

- 4.35 The scoping stage has identified the following potential sources / hazards on site and / or associated with the proposed development. A summary of the potential sources and migration pathways is provided below.
 - The obstruction of groundwater flow during and post construction of the underground basement can result in an increase in groundwater level where the groundwater first encounters the basement, and a relative fall in groundwater level down gradient of the basement (as shown in Figure 23 of Camden's Geological, Hydrogeological and Hydrological Study, Ref. 4). There is also a potential for groundwater pathways to be diverted as they flow around the basement obstruction.

Ground investigation undertaken at the site did not encounter any groundwater within the Made Ground or underlying Claygate Member. Although recorded as a Secondary A aquifer, significant shallow groundwater is not considered likely given the descriptions of soils on site and the likely relatively impermeable nature of the silty clays. However, groundwater seepages may be present in other areas of the proposed basement as locally discontinuous bodies of perched water. Any perched groundwater is considered to be discontinuous, of limited value and have a very low hydraulic gradient and volume.



Groundwater flow on to site from the north-east and south-east (if present) is already considered to be significantly restricted by the presence of the existing basements (on-site and off-site).

 Potential for the disturbance of any contaminated soils during the construction of the basement and migration into perched groundwater.

Neither the historic or current site setting (including open ground and residential use) represent significant contaminative land uses. The ground investigation did however identify Made Ground comprising very silty clay with occasional gravel, chalkstone, brick, concrete and clinker fragments up to 1.1m bgl. This may relate to the presence of the former residential structure on site (demolition rubble). Given the nature of the previous uses however, any contamination present within the Made Ground is likely to be minor. Visual or olfactory contamination was not identified during the site investigation. Furthermore, all shallow Made Ground from the front of the site will be removed due to the proposed new build.

- 4.36 Significant off-site contamination sources within 250m of the site were not identified from the historical mapping records, with the surrounding land use being dominated by residential dwellings and public buildings. Despite this the potential for small scale fuel storage (such as heating oil tanks supplying residential buildings) in the surrounding area cannot be ruled out.
- 4.37 The potential for the migration of any off-site contamination onto site directly relates to the characteristics of the local hydrogeological regime. For contaminants to travel distances such as those stated above, shallow groundwater would need to be present to mobilise and disperse the contamination from the source area to site. Shallow continuous groundwater is not present at the site and therefore there is no viable migration pathway. Acknowledging this and the lack of any significant off-site sources of identified contamination, off-site sources have not been considered further in this assessment.

Potential Receptors / Pathways

- 4.38 The main receptor considered in relation to the site and the proposed development is groundwater. However, this receptor is limited to any discontinuous pockets of perched water, most likely present at the Made Ground and Claygate Member interface.
- 4.39 Impact to potable groundwater has not been considered given the absence of shallow groundwater at site and the lack of potable water abstraction wells located within 1km of the site.
- 4.40 Noting the absence of groundwater in shallow soils on site, the lack of significant permeable lenses within the on-site soils, and the distance to the Hampstead Heath ponds, a viable pollutant linkage between on-site areas and these surface water bodies is not considered



likely. The site is located outside of the Hampstead Heath catchment for the network of ponds and pond chains. It is considered unlikely that the proposed development will have an adverse impact on the closest surface water features.

- 4.41 The lower aquifer present within the Chalk at depth has not been considered further, reflecting the thickness of the overlying impermeable clay, which forms an aquitard to the lower confined units.
- 4.42 Following the completion of the site investigation and study stage, including this desk top study, it is considered that sufficient information has been collated to carry out Stage 4 (impact assessment) of the HRA.



5.0 IMPACT ASSESSMENT

- 5.1 Following the completion of Stage 3, it is our opinion that sufficient information has been collated to progress the assessment to Stage 4. This Chapter considers the findings of the desk study and assesses the potential impacts.
- 5.2 A qualitative risk assessment has been formulated for the potential source-pathway-receptor linkages identified in the conceptual model (Chapter 4), in order to evaluate the direct and indirect implications of the proposed scheme. The assessment considers the proposed development as set out in Chapter 3. The risk assessment is based on a suggested approach for the assessment of contaminated land (considered to be most appropriate for this assessment) set out in the available guidance (Ref. 11, 12), but also references Camden's CPG 4 guidance (Ref. 3) where appropriate. The impacts have also been defined in terms of short, medium and long term, permanent or temporary and positive or negative in accordance with CPG 4 (Ref. 3).
- 5.3 The risk assessment methodology, detailing the classes of significance, is given in Appendix A. The risks associated with each identified matter of concern are evaluated in Table 7 overleaf.



Table 7 - Hydrogeological Qualitative Risk Assessment

Source	Hazard	Pathway / Detail	Receptor	Nature / Scale of Impact	Likelihood of Occurrence	Consequence (severity)	Risk
Proposed underground basement	Potential interception and obstruction of groundwater flow	Interception of groundwater during and post construction. Site investigation did not encounter groundwater within shallow soils, nor did it identify permeable soils. If present at all, groundwater seepages would be likely limited to localised perched water at interface between Made Ground and underlying clay. Adjacent existing basements (on site to the north-east and the adjacent to the south-east) would already intercept any groundwater (if present) in these directions.	Groundwater (localised and perched within pockets of permeable layers / lenses)	Short term / Temporary (due to nature of groundwater)	Unlikely	Mild (negative)	Very Low
Historic and current residential site use (including open space and residential use)	Potential disturbance of any contaminated soils during construction (likely minor and sporadic in occurrence)	Disturbance of potentially contaminated soils and leaching through Made Ground to any underlying perched water. Made Ground was identified at site, comprising clays with brick and concrete. No visual evidence of contamination recorded during the site investigation. No known fuel or chemical storage on site. Moreover, all of the Made Ground in the front area of the property would be removed from site during basement excavation, therefore removing any potential sources of contamination present.	Groundwater (localised and perched within pockets of permeable layers / lenses)	Short term / Temporary (during construction works)	Unlikely	Mild (negative)	Very Low



6.0 CONCLUSIONS

- This assessment, which forms part of a wider BIA, has been carried out in accordance with DP23 (Ref. 1), DP27 (Ref. 2) and CPG 4 (Ref. 3). Reference has also been made to Camden's Geological, Hydrogeological and Hydrology study where appropriate (Ref. 4).
- The Subterranean (Ground water) Flow Screening Chart has been reproduced below in Table 8. Responses are provided, taken from the assessments discussed in previous chapters.

Table 8 - Subterranean (Groundwater) Flow Screening Questions

No.	Question	Response	Description / Justification
1	Is the site located directly above an aquifer?	Yes	The site is underlain by a Secondary A aquifer in the form of the Claygate Member. However, it is acknowledged that the classification of this stratum as an aquifer relates to the potential for more permeable silty sands to be present, which would be water bearing. However, the soils encountered on site were described as a stiff silty CLAY; no groundwater was encountered in the shallow soils. As such, although the bedrock is classified as a Secondary A aquifer the soils on site are not considered to be of significant value in terms of groundwater retention or resource capability.
2	Will the proposed basement extend beneath the water table surface?	No	The Claygate Member was not observed to be water bearing and as such shallow groundwater is not considered to be present to any significant extent on site. The proposed basement is to extend to a maximum depth of 3.6m below ground level (bgl).
3	Is the site within 100m of a watercourse, well (used / disused) or potential spring line?	No	There are no surface water features present within 500m of the site (Ref. 6, Ref. 4: Figures 11 and 12). There are no recorded wells within 1km of the site (Ref. 6, Ref. 4: Figure 2).
4	Is the site within the catchment of the pond chains on Hampstead Heath?	No	The catchment area of the Hampstead Heath pond chains are to the north of the ponds (site located approximately 500m to the south). As such, the site lies outside and down gradient of the Hampstead Heath catchment area (Ref. 4: Figure 14).
5	Will the proposed basement development result in a change in the proportion of hard surfaced / paved areas?	Yes	The proposed basement will extend from the front of the property under the existing front garden and beneath the property, to join the existing basement. The front garden area, around 36m², will therefore be occupied by the basement footprint. The current front garden has a small area of soft landscaping (circa. 12.5m²), which will be removed in the construction of the basement.
6	As part of the site drainage will more surface water (e.g. rainfall	TBC	To be informed by drainage assessment.



No.	Question	Response	Description / Justification
	and run-off) than at present be discharged to the ground (e.g. via soakaways and / or SuDS)?		
7	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 (not just the pond chains on Hampstead Heath) or spring line?	No	The nearest pond is situated approximately 500m from the site. Due to the low permeability of soils encountered on site, it is unlikely to be in hydraulic continuity with any perched groundwater at the site. Furthermore the catchment area of these ponds extend north of the ponds, not south in the direction of the subject site.

- In summary, groundwater underlying the site is likely to be limited to localised perched groundwater at the Made Ground / Claygate Member interface (if any). The existing basements on-site and immediately off-site, which border two sides of the proposed basement, will intercept any groundwater flow in these directions, if present, before groundwater reaches the proposed basement. As such, the potential for obstruction, interception or contamination of significant groundwater is considered to be unlikely. Taking this into account, it has been concluded that the proposed development will not incur any impact to groundwater and associated receptors (including the deeper Chalk aquifer and off-site surface water).
- It is therefore our opinion that no further hydrogeological assessment or investigation is required. Despite this however, it would be good practice to regularly check for signs of potential localised contamination, such as waste materials, asbestos/asbestos containing materials, discoloured soils and notable mal-odours during the excavation works. If visually potentially contaminated soils are encountered, then these soils should be removed, segregated and sampled to check the condition and address any potential risks that may need further mitigation. Consideration will also need to be given to appropriate waste management/classification, storage and transportation of any soils being disposed off-site.
- 6.5 Given the potential presence of perched groundwater (although unlikely to be significant in flow or volume), basic groundwater removal methods such as bailing, pumping should be made available for the duration of the excavation works as a precautionary measure.
- 6.6 Finally, noting the presence of the tunnel section of the Northern Line (London Underground), which extends beneath the site, it is recommended that notification is given to the appropriate transport department regarding excavations in close proximity (in plan) to below ground transport infrastructure. At the time of writing, information on the depth of the tunnel was not available.



7.0 REFERENCES

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- 3. London Borough of Camden, Camden Planning Guidance, Basements and Lightwells, CPG4.
- 4. London Borough of Camden, Camden Geological, Hydrogeological and Hydrological Study, Guidance for subterranean development, Issue 01, November 2010.
- 5. Environment Agency, Groundwater Protection: Policy and Practice (GP3), Part 4 Legalisation and Policies, Edition 1, 2008.
- 6. Envirocheck report for 14 Eldon Grove, London (regulatory searches and OS historical maps) dated June 2014.
- 7. British Geological Survey 1998 Sheet 256 North London, Solid and Drift Edition, 1:50,000.
- 8. Information from Environment Agency Website: www.environment-agency.gov.uk consulted June 2014.
- 9. Information from British Geological Survey Website: www.bgs.ac.uk consulted June 2014.
- Guidance for the Safe Development of Housing on Land Affected by Contamination R&D 66,
 2008.
- DEFRA / Environment Agency, Model Procedures for the Management of Land Contamination, CLR11, September 2004
- 12. Construction Industry Research and Information Association (CIRIA). Contaminated Land Risk Assessment. A Guide to Good Practice. CIRIA C552 2001.
- 13. Site Investigation Factual Report at 14 Eldon Grove London, CET (169121), November 2013



APPENDICES

APPENDIX A:
LAND ASSESSMENT
METHODOLOGY

LAND QUALITY ASSESSMENT METHODOLOGY

Environmental regulators use the "source-pathway-target pollution linkage" concept when assessing the risk posed by a contaminated site and for a liability to arise each stage of the pollution linkage must be present. If there is no pollution linkage, then there is no risk. If a pollution linkage is established, the assessment will then consider the level of risk and whether any further works or actions are required to clarify, manage or mitigate the risk. The National Planning Policy Framework (NPPF) advises regulatory consultees to ensure that adequate site investigation information is provided at the initial planning stage whilst the Environment Agency's Model Procedures for the Management of Land Contamination (CLR11) requires a phased risk based approach when dealing with land affected by contamination.

Consideration may also be given to the *Department for Environment, Food and Rural Affairs (DEFRA)* Contaminated Land Statutory Guidance of the Environmental Protection Act 1990: Part 2A; revised in April 2012 which provides a legal framework for the definition of Contaminated Land.

Definition of Contaminated Land

For clarity, references to the words "contaminated land" in this report relate to the statutory definition of contaminated land under the recently published Contaminated Land Statutory Guidance unless otherwise stated (also known as Category 1 and 2 under Part 2A). That definition is: "any land which appears to the Local Authority in whose area it is situated to be in such a condition, by reason of substances on in or under the land that —

- a) Significant harm is being caused or there is a significant possibility of such harm being caused; or
- b) Significant pollution of water environment is being caused or there is significant possibility of such pollution being caused".

Other terms such as "land affected by contamination" or "land contamination" refer to the broader categories of land where contaminants are present but usually not at a significant level of risk to be classified as "contaminated land" under the definition of Part 2A (also known as Category 3 or Category 4 under Part 2A).

LAND USE

This chapter establishes the former and current land uses which may have caused contamination or given rise to environmental concerns on the site. An inspection of the site has been undertaken to provide further details of the site and neighbouring activities and to observe environmental conditions.

Historical Maps

Information about the history of the site has been obtained primarily through an inspection of historical Ordnance Survey maps. These maps provide an excellent record of the historical uses of a site and can be very important in assessing potential liabilities. Historical maps can show past potentially contaminative uses at a site that would not necessary be obvious during a site inspection, for example storage tanks or previous usage such as a gas works or quarry.

Public Record Information

Information concerning environmental regulations relating to the site has been obtained from a public register which has been accessed from a commercially database operated by the Landmark Information Group. This is the quickest means of gathering publicly available information. The data is supplied from within a 1km radius of a given National Grid Reference of a site. The database contains information from the Environment Agency (EA) and other statutory authorities responsible for monitoring environmental protection measures within the area of a site under existing legislation (see below).

Information has also been obtained directly from the environmental regulators in order to gauge the environmental characteristics of the site in more detail and to establish whether there have been any breaches of environmental regulations or pollution incidents associated with the site. This is used to support the publicly available information gathered from the commercial database. The time in which responses are returned can vary between statutory authorities.

Environmental Legislation

The principal environmental legislation in England consists of the Environmental Protection Act 1990 (EPA 90), the Water Resources Act 1991 and the Environment Act 1995 (EA 95). These Acts prescribe protection measures for all the environmental media (land, water and air) and are regulated by the EA and the Local Authority. Part 1 of the EPA 1990 sets out the statutory framework for Integrated Pollution Control (IPC) and Air Pollution Control (APC).

ENVIRONMENTAL SETTING

This chapter assesses the environmental sensitivity of the site location to contamination / pollution. It is important to establish the environmental setting because, irrespective of the level of contamination on the site, if its location is not 'sensitive' to this contamination / pollution there is a reduced risk of an environmental liability arising.

The sensitivity is assessed using British Geological Survey (BGS) information (such as geological maps and data from the Environment Agency (http://www.environment-agency.gov.uk/homeandleisure/117520.aspx)* on groundwater and surface water. Data on abstractions have been obtained from publically available sources including information supply companies such as Landmark and GroundSure. The vulnerability of surface waters and groundwater is based on sensitivity to pollution, distance from abstractions, type and nature of groundwater and type of overlying strata.

Aquifer Designations

In 1 April 2010 the Environment Agency began using aquifer designations that are consistent with the Water Framework Directive. These designations reflect the importance of aquifers in terms of groundwater as a resource (drinking water supply) but also their role in supporting surface water flows and wetland ecosystems.

The BGS maps are generally split into two different type of aquifer designation:

- Superficial (Drift): permeable unconsolidated (loose) deposits. For example, terrace sands and gravels.
- **Bedrock:** solid permeable formations e.g. sandstone, chalk and limestone.

The maps display the following aquifer designations, and the corresponding colours beside the text are also represented on the Environment Agency's website*:

Principal Aquifers (formally Major Aquifers)

These are highly permeable layers of rock or drift deposits that have high intergranular and/or fracture permeability - meaning they usually provide a high level of water storage. They may be highly productive and able to support large abstractions, public water supply and/or river base flow on a strategic scale.

Secondary Aquifers (formally Minor Aquifers)

These include a wide range of rock layers or drift deposits with an equally wide range of water permeability and storage. Although these aquifers will not normally produce large quantities of water for abstraction, they are important for local supplies (such as irrigation) and supplying base flow to rivers. Secondary aquifers are subdivided into two types:

Secondary A: permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers; and

Secondary B: predominantly lower permeability layers which may store and yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers.

Secondary Undifferentiated: has been assigned in cases where it has not been possible to attribute either category A or B to a rock type. In most cases, this means that the layer in question has previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type.

Unproductive Strata

These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow.

Source Protection Zones (SPZs)

The Environment Agency have defined Source Protection Zones (SPZs) for 2000 groundwater sources such as wells, boreholes and springs used for public drinking water supply. These zones show the risk of contamination from any activities that might cause pollution in the area. **The closer the activity, the greater the risk.** The maps show three main zones (inner, outer and total catchment) and a fourth zone of special interest, which we occasionally apply, to a groundwater source.

Flood Risk

The Flood Map combines detailed local data with information from a new national model of England and Wales and indicates where flooding from rivers, streams and watercourses is possible. Under Section 105 of the Water Resources Act 1991 the Environment Agency has a duty to survey matters relating to flooding.

RISK ASSESSMENT

This chapter assesses the potential for the site to give rise to environmental risks and whether or not the risks are acceptable or if further assessment or remedial action is required.

The qualitative risk assessment firstly considers the source of contamination and potential contaminants associated with the source(s) (or hazards). As well as the type of source, the extent, concentration and availability of a contaminant is also assessed.

The effect of a hazard on an identified receptor is largely governed by the sensitivity of a receptor. Receptors may typically include people, buildings, animals, plants and local resources (such as groundwater, surface waters, mines etc.

A change in the receptor should be considered if the end-use of the site changes, for example, if a commercial site is to be redeveloped into a residential housing estate as a residential occupier is considered more sensitive than a commercial occupier.

The presence of contamination (as a potential hazard) does not necessary mean that there is a risk. It is the exposure pathway and the quantity of contamination that reaches the receptor which may determine the effect on a receptor (such as the integrity of a barrier between a contamination source and receptor).

The risk classifications for both likelihood and consequence is based on methodology presented in Contaminated Land Risk Assessment, A Guide to Good Practice (CIRIA C552, 2001) and has been developed from procedures outlined in the EA's CLR11 Model Procedures. The DETR, with the EA and Institute of Environment & Health, has also published guidance on risk assessment (Guidelines for

Environmental Risk Assessment and Management). The guidance states that the designation of risk is based upon a consideration of both:

- The magnitude of the potential consequence (severity) of risk occurring which takes into account both the potential severity of the hazard and the sensitivity of the receptor; and
- The likelihood of an event occurring (probability) which takes into account the both the presence of the hazard and receptor and the integrity of the pathway.

The magnitude of consequence (severity) and likelihood (probability) is defined in the CIRIA guidance, together with examples. The two classifications are then compared (as shown on Table 1) to obtain an estimation of risk for each pollution linkage, ranging from "very high risk" to "very low risk". A description of the risks and likely actions required is presented in Table 2. The benefit of estimating the risk in this way is that it can be revised after each investigation phase as the conceptual model and corresponding pollution linkages are refined.

Table 1: Comparison of Consequence Against Probability

		Consequence			
		Severe	evere Medium Mild		Minor
	High likelihood	Very high risk	High risk	Moderate risk	Moderate/ low risk
Likelihood	Likely	High risk	Moderate risk	Moderate/ low risk	Low risk
	Low likelihood	Moderate risk	Moderate/ low risk	Low risk	Very low risk
	Unlikely	Moderate/ low risk	Low risk	Very low risk	Very low Risk

Table 2: Description of the Classified Risks and Likely Action Required

Level of Risk	Description of Classification
Very High Risk	There is a high probability that severe harm could arise to a designated receptor from an identified hazard, or, there is evidence that severe harm to a designated receptor is currently happening.
	If this risk is realised, it is likely to result in significant environmental and financial liability to current and/ or future site owners/ occupiers. Urgent investigation (if not already undertaken) and remediation is likely to be required.
High Risk	Harm is likely to arise to a designated receptor from an identified hazard.
	If risk is realised, it is likely to present a sizeable environmental and financial liability to current and/ or future site owners/ occupiers. Urgent investigation is required and remediation work may be necessary in the short term and likely over the longer term.
Moderate Risk	It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely the harm would be relatively mild.
	Investigation is normally required to clarify the risk and determine the potential environmental liability. Some remedial works may be required over the longer

	term.
Low Risk	It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild.
	Limited investigation may be recommended to clarify the risk, dependant on the sensitivity of the receptor and view point of those of interest. Any remedial works are likely to be fairly limited.
Very Low Risk	There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is likely to be mild or minor.

The acceptability of risk will always depend upon the view point of those of interest, whether it is an occupier of a site, a regulator or stakeholder. As a result, it could be that action will be required to deal with a level of risk even if it is classified as very low.

Assessment Criteria

In order to put the analytical test results into context, the chemical data from the soil sample analysis have been assessed against several sets of guidelines in order to evaluate the risks. This is a Tier 1 assessment with data interpreted against generic assessment criteria, which have been derived and published by an authoritative body and are designed to be protective under a range of environmental conditions. The following paragraphs provide a brief description of the generic assessment criteria used in the interpretation of the chemical analysis for this assessment:

Contaminated Land Exposure Assessment (CLEA) Model

The first publication of the UK's CLEA (Contaminated Land Exposure Assessment) model, developed by the Environment Agency, was in March 2002. A number of Soil Guideline Values (SGVs) were derived by the Environment Agency using the CLEA model. Each SGV was derived in accordance with published CLR documents and toxicological reports. The SGVs were developed to provide a means of evaluating chronic risks to human health from contaminants via different pathways for a range of land uses.

Following a number of revisions to the CLEA model and associated CLR reports however, DEFRA have since withdrawn the SGVs whilst more up to date values are being produced. To date, an updated CLEA model (CLEA 1.06) has been published, the CLR documents have been replaced with revised Special Report (SR) documents and several new SGVs have been published. The new SGVs have been derived using CLEA 1.04 in line with the SR documents for a residential end use, allotments and industrial / commercial. Notwithstanding this however, there are many contaminants for which new SGVs are still not available. Therefore, in the absence of SGVs, other available screening values (such as LQM CIEH values) have been used (as detailed below).

It should be noted that the use of SGVs and other screening values is still classified as a Tier 1 assessment. Should the need for a Site Specific Assessment using Site Specific Assessment Criteria (SSAC) be realised as part of the Tier 1 assessment, the CLEA 1.06 model will be used to undertake a Tier 2 assessment.

LQM CIEH GAC

Following the withdrawal of the previous SGVs and in the absence of replacement SGVs for a number of commonly encountered contaminants, the Chartered Institute of Environmental Health (CIEH) in partnership with Land Quality Management (LQM) sponsored a second workshop in January 2009 with the objective of deriving a new set of Generic Assessment Criteria (GAC) for selected contaminants of concern. In July 2009, LQM published a report listing the LQM CIEH GAC for 35 contaminants including full details of how each GAC was arrived at and the input parameters used. The GAC were derived in line with the revised SR documents using the CLEA 1.06 model and as such are based on the conceptual model that underpins the Soil Guideline Values.

EIC / AGS / CL:AIRE GAC

Environmental Industries Commission (EIC) and The Association of Geotechnical and Geoenvironmental Specialists (AGS) working in collaboration with Contaminated Land: Applications in Real Environments (CL:AIRE) also produced a set of GAC to aid the assessment of risks to human health from contaminated land. The aim of the collaboration was to derive additional GAC for 33 (mostly organic) substances in line with the CLEA 1.06 model and thereby complementing the Environment Agency's SGVs and LQM/CIEH GAC. The latest version of EIC/AGS/CL:AIRE GAC were published in January 2010.

APPENDIX B: ENVIROCHECK REPORT



Envirocheck® Report:

Datasheet

Order Details:

Order Number:

57255743_1_1

Customer Reference:

1303

National Grid Reference:

526880, 185430

Slice:

Α

Site Area (Ha):

0.03

Search Buffer (m):

1000

Site Details:

14 Eldon Grove LONDON NW3 5PT

Client Details:

Mr M Dean Lustre Consulting Ltd Admirals Offices The Historic Dockyard Chatham Kent ME4 4TZ







Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	12
Hazardous Substances	-
Geological	13
Industrial Land Use	20
Sensitive Land Use	34
Data Currency	35
Data Suppliers	41
Useful Contacts	42

Introduction

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

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

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Report Version v47.0



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1				1
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			3	9
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 2			Yes	
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances	pg 2			36	1
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 9				1
Water Abstractions	pg 9				(*7)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 11	Yes	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	pg 11				1
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



Summary

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 Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 12				2
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 13	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 13	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry	pg 16			Yes	Yes
BGS Urban Soil Chemistry Averages	pg 18	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 19	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 19	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 19	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 19	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



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 20		5	23	126
Fuel Station Entries	pg 33			1	1
Sensitive Land Use					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 34				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					



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Discharge Consent	<u> </u>				
1	Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status:	Thames Water Utilities Ltd Reservoir/Borehole Site Hampstead Environment Agency, Thames Region Not Supplied Temp.0140 1 15th September 1989 15th September 1989 5th October 2000 Trade Effluent Freshwater Stream/River River Thames Authorisation revokedRevoked Located by supplier to within 100m	A17SW (NW)	945	1	526200 186100
2	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	A13SE (SE)	366	2	527187 185227
3	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Iution 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	A14SW (E)	405	2	527296 185410
4	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Iution Prevention and Controls 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	A8NW (S)	433	2	526872 184985
5	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Iution Prevention and Controls Perkins Dry Cleaners 40 Heath Street, London, Nw3 6te London Borough of Camden, Pollution Projects Team PPC/DC9 12th January 2007 Local Authority Pollution Prevention and Control PG6/46 Dry cleaning Permitted Located by supplier to within 10m	A12NE (NW)	578	2	526374 185724
6	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Iution Prevention and Controls 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	A9NW (SE)	593	2	527342 185055
6	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	lution Prevention and Controls 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 PG6/46 Dry cleaning Permitted Located by supplier to within 10m	A9NW (SE)	630	2	527371 185032



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	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	A14NW (E)	637	2	527529 185471
	1	Located by supplier to within 10m lution Prevention and Controls				
8	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Janets Hand Laundry Ltd 281a Finchley Road, London, Nw3 6nd London Borough of Camden, Pollution Projects Team PPC/DC14 12th January 2007 Local Authority Pollution Prevention and Control PG6/46 Dry cleaning Permitted Located by supplier to within 10m	A7NW (SW)	860	2	526167 184924
8	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	lution Prevention and Controls Hampstead Express Dry Cleaning 279a Finchley Road, London, Nw3 6lt London Borough of Camden, Pollution Projects Team PPC/DC6 12th January 2007 Local Authority Pollution Prevention and Control PG6/46 Dry cleaning Permitted Located by supplier to within 10m	A7NW (SW)	864	2	526178 184902
9	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	lution Prevention and Controls B P Harmony 104a Finchley Road, London, NW3 5EY London Borough of Camden, Pollution Projects Team Not Given 1st July 1999 Local Authority Air Pollution Control PG1/14 Petrol filling station Authorised Automatically positioned to the address	A7SE (SW)	953	2	526471 184554
9	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Iution Prevention and Controls Bp Harmony 104a Finchley Road, LONDON, NW3 5EY London Borough of Camden, Pollution Projects Team PPC18 1st July 1999 Local Authority Pollution Prevention and Control PG1/14 Petrol filling station Permitted Automatically positioned to the address	A7SE (SW)	953	2	526471 184554
	Local Authority Pol	lution Prevention and Controls				
10	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	Is Dry Cleaners 6 Canfield Gardens, London, Nw6 3bs London Borough of Camden, Pollution Projects Team PPC/DC18 5th February 2007 Local Authority Pollution Prevention and Control PG6/46 Dry cleaning Permitted Located by supplier to within 10m	A7SE (SW)	975	2	526257 184662
	Nearest Surface Wa	ater Feature	A14NW (NE)	476		527315 185663
11	Registered Radioad Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, Hampstead, LONDON, Greater London, NW3 2QG Environment Agency, Thames Region AR0446 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 variationSuperseded Automatically positioned to the address	A14SW (E)	401	1	527292 185410



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Registered Radioac	tive Substances				
11	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	Royal Free Hampstead NHS Trust Royal Free Hospital, Pond Street, Hampstead, LONDON, Greater London, NW3 2QG Environment Agency, Thames Region AV8011 25th October 1996 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	A14SW (E)	402	1	527292 185400
	Registered Radioac					
11	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, Hampstead, LONDON, Greater London, NW3 2QG Environment Agency, Thames Region AT8398 17th January 1996 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 variationSuperseded Automatically positioned to the address	A14SW (E)	402	1	527292 185405
	Registered Radioac	tive Substances				
11	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	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 operatorAuthorised Manually positioned to the address or location	A14SW (E)	405	1	527296 185410
	Registered Radioac	tive Substances				
11	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, Hampstead, LONDON, NW3 2QG Environment Agency, Thames Region CD3170 13th July 2009 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Substantial variation to authorisation under RSA Application has been authorised and any conditions apply to the operator Authorised Automatically positioned to the address	A14SW (E)	406	1	527297 185410
	-	··				
11	Registered Radioac 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 CB5171 2nd October 2007 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Minor variation to authorisation under RSA Application has been authorised and any conditions apply to the operatorAuthorised	A14SW (E)	406	1	527297 185411
		Automatically positioned to the address				
11	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 CB2954 20th July 2007 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 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	A14SW (E)	406	1	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 Radioad	ctive Substances					
11	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 Ca2592 13th April 2006 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Minor variation to authorisation under RSA	A14SW (E)	406	1	527297 185410	
	Status: Positional Accuracy:	Authorisation superseded by a substantial or non substantial variationSuperseded Automatically positioned to the address					
	Registered Radioad	• •					
11	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 Bz9162 9th December 2005 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 variationSuperseded	A14SW (E)	406	1	527297 185410	
	-	Automatically positioned to the address					
11	Registered Radioad 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 Bz1617 9th September 2005 Authorisation under S13 RSA for the disposal of Radioactive waste (was	A14SW (E)	406	1	527297 185410	
	Description: Status:	RSA60 S7) Substantial variation to authorisation under RSA Authorisation superseded by a substantial or non substantial variationSuperseded Automatically positioned to the address					
	-						
11	Registered Radioac	Royal Free And University College Medical School Of University College	A14SW	406	1	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 (was RSA60 S1)	(E)				185410
	Description: Status:	Substantial 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					
		operatorAuthorised Automatically positioned to the address					
	1	•					
11	Registered Radioac 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 Bz0777 14th July 2005 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	A14SW (E)	406	1	527297 185411	
		variationSuperseded Automatically positioned to the address					
	Registered Radioad						
11	Name: Location: Authority:	Anthony Nolan Trust (Ant) Medical Physics Department Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG Environment Agency, Thames Region	A14SW (E)	406	1	527297 185410	
	Permit Reference: Dated: Process Type: Description:	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:	the subject of an authorisation Authorisation superseded by a substantial or non substantial variationSuperseded Manually positioned to the address or location					



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Registered Radioad					
11	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	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 variationSuperseded Automatically positioned to the address	A14SW (E)	406	1	527297 185410
	Registered Radioad	tive Substances				
11	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 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 subject of an authorisation Application has been authorised and any conditions apply to the operatorAuthorised Automatically positioned to the address	A14SW (E)	406	1	527297 185410
	Registered Radioad					
11	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	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) Minor variation to authorisation under RSA Authorisation superseded by a substantial or non substantial variationSuperseded Automatically positioned to the address	A14SW (E)	406	1	527297 185410
	Registered Radioad	* * * * * * * * * * * * * * * * * * * *				
11	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 variationSuperseded Automatically positioned to the address	A14SW (E)	406	1	527297 185411
	Registered Radioad	tive Substances				
11	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	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 variationSuperseded Automatically positioned to the address	A14SW (E)	406	1	527297 185410
	Registered Radioad	tive Substances				
11	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 Automatically positioned to the address	A14SW (E)	406	1	527297 185410



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Registered Radioac	tive Substances				
11	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 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	A14SW (E)	406	1	527297 185410
	Status:	Authorisation superseded by a substantial or non substantial variationSuperseded Automatically positioned to the address				
	-	··				
11	Registered Radioac Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	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 variationSuperseded Automatically positioned to the address	A14SW (E)	406	1	527297 185410
	Registered Radioac	tive Substances				
11	Name: Location: Authority: Permit Reference:	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	A14SW (E)	406	1	527297 185410
	Dated: Process Type: Description: Status: Positional Accuracy:	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				
	Registered Radioac	tive Substances				
11	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	A14SW (E)	406	1	527297 185410
	Registered Radioac	tive Substances				
11	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	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 Authorisation either revoked or cancelledCancelled Automatically positioned to the address	A14SW (E)	406	1	527297 185410
	Registered Radioac	tive Substances				
11	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 Bj5716 14th February 2001 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	A14SW (E)	406	1	527297 185411



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Registered Radioad	ctive Substances				
11	Name:	Royal Free And University College Medical School Of University College London	A14SW (E)	406	1	527297 185410
	Location:	Medical Physics Department, Royal Free Hospital, Pond Street, London, Greater London, NW3 2PF				
	Authority: Permit Reference:	Environment Agency, Thames Region BB6254				
	Dated: Process Type:	27th October 1998 Registration under S7 RSA for the keeping and use of Radioactive materials				
	Description:	(was RSA60 S1) Minor variation to a registration under the Act of an open source which is also				
	Status:	the subject of an authorisation Authorisation superseded by a substantial or non substantial				
	Positional Accuracy:	variationSuperseded Automatically positioned to the address				
	Registered Radioad	tive Substances				
11	Name: Location: Authority: Permit Reference:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, Hampstead, LONDON, NW3 2QG Environment Agency, Thames Region AV1327	A14SW (E)	406	1	527297 185410
	Dated: Process Type:	11th August 1997 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)				
	Description: Status:	Substantial variation to authorisation under RSA Authorisation superseded by a substantial or non substantial variationSuperseded				
	Positional Accuracy:	Automatically positioned to the address				
	Registered Radioad	ctive Substances				
11	Name:	Royal Free And University College Medical School Of University College London	A14SW (E)	406	1	527297 185410
	Location:	Medical Physics Department, Royal Free Hospital, Pond Street, London, Greater London, NW3 2PF				
	Authority: Permit Reference:	Environment Agency, Thames Region AR0403				
	Dated: Process Type:	12th July 1995 Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)				
	Description:	Registration under the Act of an open source which is also the subject of an authorisation				
	Status:	Authorisation superseded by a substantial or non substantial variationSuperseded				
	Positional Accuracy:	Automatically positioned to the address				
	Registered Radioad	ctive Substances				
11	Name: Location: Authority: Permit Reference:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, Hampstead, LONDON, NW3 2QG Environment Agency, Thames Region AH9987	A14SW (E)	406	1	527297 185410
	Dated: Process Type:	21st June 1994 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)				
	Description: Status:	Authorisation under RSA Authorisation superseded by a substantial or non substantial variationSuperseded				
	Positional Accuracy:	Automatically positioned to the address				
	Registered Radioad	ctive Substances				
11	Name: Location: Authority: Permit Reference: Dated:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, LONDON, NW3 2QG Environment Agency, Thames Region AB4095 31st March 1991	A14SW (E)	406	1	527297 185410
	Process Type: Description:	Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Authorisation under RSA				
	Status:	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 Radioad	ctive Substances				
11	Name: Location: Authority: Permit Reference: Dated:	Royal Free And University College Medical School Of University College London Royal Free Hospital, Pond Street, London, NW3 2QG Environment Agency, Thames Region Bz9758 5th January 2006	A14SW (E)	409	1	527299 185399
	Process Type: Description: Status:	Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Minor variation to authorisation under RSA Application has been authorised and any conditions apply to the operatorAuthorised				
	Positional Accuracy:	Manually positioned to the address or location				
	Registered Radioad					
11	Name: Location: Authority: Permit Reference: Dated: Process Type:	Royal Free And University College Medical School Of University College London 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	A14SW (E)	409	1	527299 185399
	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				
	Registered Radioad	tive Substances				
11	Name: Location: Authority: Permit Reference: Dated: Process Type:	Royal Free And University College Medical School Of University College London Royal Free Hospital, Pond Street, London, NW3 2QG Environment Agency, Thames Region Bw7635 1st December 2003 Authorisation under S13 RSA for the disposal of Radioactive waste (was	A14SW (E)	409	1	527299 185399
	Description: Status: Positional Accuracy:	RSA60 S7) Minor variation to authorisation under RSA Authorisation superseded by a substantial or non substantial variationSuperseded Manually positioned to the address or location				
	Registered Radioad					
11	Name: Location: Authority: Permit Reference: Dated: Process Type:	Royal Free And University College Medical School Of University College 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	A14SW (E)	409	1	527299 185399
	Description: Status:	RSA60 S7) Authorisation under RSA Authorisation superseded by a substantial or non substantial variationSuperseded				
	Positional Accuracy:	Manually positioned to the address or location				
	Registered Radioad					
11	Name: Location:	Royal Free Hampstead NHS Trust Royal Free Hospital, Pond Street, Hampstead, LONDON, Greater London, NW3 2QG	A14SW (E)	411	1	527302 185410
	Authority: Permit Reference: Dated:	Environment Agency, Thames Region AR0373 11th July 1995				
	Process Type: Description:	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:	the subject of an authorisation 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				
11	Name: Location: Authority: Permit Reference: Dated: Process Type: Description:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, Hampstead, LONDON, Greater London, NW3 2QG Environment Agency, Thames Region AE8658 24th March 1992 Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Registration under the Act of multiple open sources which are also the subject of authorisations	A14SW (E)	412	1	527302 185405
	Status: Positional Accuracy:	Authorisation superseded by a substantial or non substantial variationSuperseded Automatically positioned to the address				
		**				
12	Registered Radioac Name: Location: Authority: Permit Reference: Dated: Process Type: Description:	Polymasc Pharmaceuticals Plc Anthony Nolan Building, Royal Free Hospital Site, Fleet Road; Hampstead, LONDON, Greater London, NW3 2EZ Environment Agency, Thames Region AU4924 20th February 1996 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	A14NW (E)	610	1	527500 185495
	Status: Positional Accuracy:	authorisation Authorisation either revoked or cancelledCancelled Manually positioned to the address or location				
	Substantiated Pollu	tion Incident Register				
13	Authority: Incident Date: Incident Reference: Water Impact: Air Impact: Land Impact: Positional Accuracy: Pollutant:	Environment Agency - Thames Region, North East Area 23rd September 2003 191922 Category 2 - Significant Incident Category 4 - No Impact Category 4 - No Impact Located by supplier to within 10m Pollutant Not Identified: Not Identified	A19SW (NE)	749	1	527254 186101
	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 28/39/39/0219 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 Not Supplied Swiss Cottage Open Space, Winchester Road, London. 01 January 31 December 1st April 2008 Not Supplied Located by supplier to within 10m	A3NW (S)	1140	1	526800 184280
	Water Abstractions					
	Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit End Date: Permit Pacificant	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	A3NW (S)	1164	1	526750 184261



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions				_	
	Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End:	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 Swiss Cottage Open Space, Winchester Road, London 01 April 31 March	A3NW (S)	1164	1	526750 184261
	Permit Start Date: Permit End Date:	Sth December 2013 Not Supplied Located by supplier to within 10m				
	Water Abstractions					
	_	London Borough Of Camden Th/039/0039/087 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 O1 April March Sth December 2013 Not Supplied Located by supplier to within 10m	A3NW (S)	1164	1	526750 184261
	Water Abstractions Operator:	Thames Water Utilities Ltd	(SE)	1882	1	527636
	Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date:	Th/039/0039/058 1 Borehole At Barrow Hill Environment Agency, Thames Region Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied O1 April 31 March 1st April 2013 Not Supplied Located by supplier to within 10m	(5=7)			183697
	Water Abstractions					
	Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit End Date: Permit End Date: Positional Accuracy:	Thames Water Utilities Ltd 28/39/39/0231 1 Barrow Hill Pumping Station - Borehole Environment Agency, Thames Region Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Barrow Hill Pumping Station 01 January 31 December 1st April 2007 Not Supplied Located by supplier to within 10m	(SE)	1890	1	527640 183690



Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number:	Thames Water Utilities Ltd 28/39/39/0202	(SE)	1890	1	527640 183690
	Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date:	1 Barrow Hill Pumping Station - Borehole Environment Agency, Thames Region Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Barrow Hill Pumping Station 01 January 31 December 26th September 2002 Not Supplied				
	_	Located by supplier to within 10m				
	Groundwater Vulne Soil Classification: Map Sheet: Scale:	rability Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Sheet 39 West London 1:100,000	A13NE (N)	0	1	526880 185434
	Drift Deposits None	1.100,000				
	Bedrock Aquifer De	signations				
	-	Secondary Aquifer - A	A13NE (N)	0	3	526880 185434
	Superficial Aquifer I No Data Available	Designations				
14	Source Protection 2 Name: Source: Reference: Type:	Cones Barrow Hill Environment Agency, Head Office Th405 Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A8SE (S)	774	1	526967 184649
	Extreme Flooding fr	rom Rivers or Sea without Defences				
	Flooding from River	rs or Sea without Defences				
	Areas Benefiting fro	om Flood Defences				
	Flood Water Storage None	e Areas				
	Flood Defences None					
	Detailed River Netw	ork Lines				
15	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Extended Culvert (greater than 50m) St Agnes's Well D006 Primary Flow Path Below Surface Not a Drain Other Rivers	A14SW (E)	327	1	527219 185422
16	Detailed River Netw River Type: Hydrographic Area:	ork Offline Drainage Tertiary River	A14NW (NE)	476	1	527315 185663





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Lar	ndfill Coverage				
	Name:	London Borough of Camden - Has no landfill data to supply		0	6	526880 185434
	Registered Waste T	ransfer Sites				
17	Licence Holder: Licence Reference: Site Location: Operator Location: Authority: Site Category: Max Input Rate: Waste Source Restrictions: Licence Status: Dated: Preceded By Licence: Superseded By Licence: Positional Accuracy: Boundary Quality: Authorised Waste	P B Donoghue DL140 BR Goods Yard at 269 Finchley Road, CAMDEN, London, NW3 As Site Address Environment Agency - Thames Region, North East Area Transfer Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) No known restriction on source of waste Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled 1st February 1992 DL140 Not Given Manually positioned to the address or location Not Supplied Lwra Cat. A = Inert Wastes Lwra Cat. Bi Gen.Non-Putresc Max.Waste Permitted By Licence-Stated Clinical - As In Coll/Disp.Regs Of '88 Liquid/Slurry/Sludge Wastes Poisonous, Noxious, Polluting Wastes Special Wastes	A7NW (SW)	926	1	526200 184780
		Waste N.O.S.				
	Registered Waste T	ransfer Sites				
17	Licence Holder: Licence Reference: Site Location: Operator Location: Authority: Site Category: Max Input Rate: Waste Source Restrictions: Licence Status: Dated: Preceded By Licence: Superseded By Licence: Positional Accuracy: Boundary Quality: Authorised Waste	P B Donoghue DL140 BR Goods Yard, 269 Finchley Road, CAMDEN, London, NW3 As Site Address Environment Agency - Thames Region, North East Area Transfer Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) No known restriction on source of waste Record supersededSuperseded 1st August 1983 Not Given DL140 Manually positioned to the address or location Not Supplied Commercial Waste Construction Ind. Wastes Max.Waste Permitted By Licence(Stated) Clinical Waste -Clause 2 & 4 Hsc 1982 Notifiable Wastes Putrescible Waste Special Wastes	A7NW (SW)	926	1	526200 184780





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid	d Geology				
	Description:	London Clay	A13NE (N)	0	3	526880 185434
	BGS Estimated Soil	Chemistry	(-)			
	Source: Soil Sample Type: Arsenic Concentration: Cadmium	British Geological Survey, National Geoscience Information Service London no data	A13NE (N)	0	4	526880 185434
	Concentration: Chromium Concentration: Lead Concentration: Nickel	no data no data no data				
	Concentration:					
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium	Chemistry British Geological Survey, National Geoscience Information Service London no data no data	A13NE (NE)	41	4	526916 185478
	Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	no data no data no data				
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration:	Chemistry British Geological Survey, National Geoscience Information Service London no data	A13NE (E)	108	4	527000 185434
	Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel	no data no data no data				
	Concentration:					
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration:	British Geological Survey, National Geoscience Information Service London no data no data	A13SE (SE)	155	4	527000 185329
	Nickel	no data				
	Concentration: BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium	Chemistry British Geological Survey, National Geoscience Information Service London no data no data	A13NW (W)	309	4	526568 185502
	Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	no data no data no data				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium	British Geological Survey, National Geoscience Information Service London no data	A8NE (S)	418	4	526880 185000
	Concentration: Chromium Concentration: Lead Concentration: Nickel	no data				
	Concentration:					





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service London no data	A8NE (S)	437	4	527000 185000
	Concentration: Cadmium Concentration:	no data				
	Chromium Concentration: Lead Concentration:	no data				
	Nickel Concentration:	no data				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service London no data	A18SE (N)	551	4	526880 186000
	Cadmium Concentration:	no data				
	Chromium Concentration: Lead Concentration:	no data				
	Nickel Concentration:	no data				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service London no data	A18SE (N)	553	4	527000 185991
	Concentration: Cadmium Concentration:	no data				
	Chromium Concentration:	no data				
	Lead Concentration: Nickel Concentration:	no data				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service London no data	A18SE (N)	562	4	527000 186000
	Concentration: Cadmium Concentration:	no data				
	Chromium Concentration:	no data				
	Lead Concentration: Nickel Concentration:	no data				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service London no data	A18SE (N)	566	4	527016 186000
	Cadmium Concentration:	no data				
	Chromium Concentration: Lead Concentration:	no data				
	Nickel Concentration:	no data				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service London no data	A17SE (NW)	663	4	526517 186000
	Concentration: Cadmium Concentration:	no data				
	Chromium Concentration:	no data				
	Lead Concentration: Nickel Concentration:	no data no data				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry					
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service London no data	A18NE (N)	866	4	526965 186312
	Concentration: Cadmium Concentration:	no data				
	Chromium Concentration: Lead Concentration:	no data				
	Nickel Concentration:	no data				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service London no data	A12NW (W)	867	4	526000 185434
	Concentration: Cadmium Concentration:	no data				
	Chromium Concentration: Lead Concentration:	no data				
	Nickel Concentration:	no data				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service London no data	A12SW (W)	872	4	526000 185329
	Concentration: Cadmium Concentration:	no data				
	Chromium Concentration:	no data				
	Lead Concentration: Nickel Concentration:	no data				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service London no data	A19NW (NE)	893	4	527345 186215
	Concentration: Cadmium Concentration:	no data				
	Chromium Concentration: Lead Concentration:	no data				
	Nickel Concentration:	no data				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service London no data	A12NW (W)	913	4	526000 185710
	Concentration: Cadmium Concentration:	no data				
	Chromium Concentration: Lead Concentration:	no data				
	Nickel Concentration:	no data				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service London no data	A7NW (SW)	965	4	526000 185000
	Concentration: Cadmium Concentration:	no data				
	Chromium Concentration: Lead Concentration:	no data				
	Nickel Concentration:	no data				





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 Concentration: Cadmium Measured Concentration: Chromium Measured Concentration: Lead Measured Concentration: Nickel Measured	British Geological Survey, National Geoscience Information Service 526732, 185657 Topsoil London 40.00 mg/kg 0.30 mg/kg	A13NW (NW)	258	3	526732 185657
	Concentration:					
	BGS Measured Urba Source: Grid: Soil Sample Type: Sample Area: Arsenic Measured Concentration: Cadmium Measured Concentration: Chromium Measured Concentration: Lead Measured Concentration: Nickel Measured Concentration:	British Geological Survey, National Geoscience Information Service 526763, 185153 Topsoil London 18.00 mg/kg 0.30 mg/kg	A13SW (S)	287	3	526763 185153
	BGS Measured Urba	an Soil Chemistry				
	Source: Grid: Soil Sample Type: Sample Area: Arsenic Measured Concentration: Cadmium Measured Concentration: Chromium Measured Concentration: Lead Measured Concentration: Nickel Measured Concentration:	British Geological Survey, National Geoscience Information Service 527216, 185357 Topsoil London 20.00 mg/kg 0.80 mg/kg	A13SE (E)	335	3	527216 185357
	BGS Measured Urba	n Soil Chemistry				
	Source: Grid: Soil Sample Type: Sample Area: Arsenic Measured Concentration: Cadmium Measured Concentration: Chromium Measured Concentration: Lead Measured Concentration: Nickel Measured Concentration:		A14NW (NE)	422	3	527233 185694
	BGS Measured Urba					
	Source: Grid: Soil Sample Type: Sample Area: Arsenic Measured Concentration: Cadmium Measured Concentration: Chromium Measured Concentration: Lead Measured Concentration: Nickel Measured Concentration:		A12SE (W)	593	3	526278 185352





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urba	an Soil Chamistry	-			
	Source: Grid: Soil Sample Type: Sample Area:	British Geological Survey, National Geoscience Information Service 526223, 185630 Topsoil London 20.00 mg/kg	A12NE (W)	677	3	526223 185630
	Cadmium Measured Concentration: Chromium Measured Concentration: Lead Measured					
	Concentration: Nickel Measured Concentration:	23.00 mg/kg				
	BGS Measured Urba	an Soil Chemistry				
	Source: Grid: Soil Sample Type: Sample Area:	British Geological Survey, National Geoscience Information Service 527169, 184808 Topsoil London 21.00 mg/kg	A8NE (SE)	678	3	527169 184808
	Cadmium Measured Concentration: Chromium Measured Concentration: Lead Measured					
	Concentration: Nickel Measured Concentration:	35.00 mg/kg				
	BGS Measured Urba	an Soil Chemistry				
	Source: Grid: Soil Sample Type: Sample Area:	British Geological Survey, National Geoscience Information Service 526703, 184701 Topsoil London 33.00 mg/kg	A8SW (S)	737	3	526703 184701
	Cadmium Measured Concentration: Chromium Measured Concentration: Lead Measured Concentration:					
	Nickel Measured Concentration:	44.00 mg/kg				
	BGS Measured Urba	nn Soil Chemistry				
	Source: Grid: Soil Sample Type: Sample Area: Arsenic Measured Concentration:	British Geological Survey, National Geoscience Information Service 527669, 185211 Topsoil London 18.00 mg/kg	A14SE (E)	811	3	527669 185211
	Cadmium Measured Concentration: Chromium Measured					
	Concentration: Lead Measured	937.00 mg/kg				
	Concentration: Nickel Measured Concentration:	26.00 mg/kg				
	BGS Measured Urba	an Soil Chemistry				
	Source: Grid: Soil Sample Type: Sample Area:	British Geological Survey, National Geoscience Information Service 526737, 186262 Topsoil London 11.00 mg/kg	A18NW (N)	826	3	526737 186262
	Cadmium Measured Concentration:					
	Chromium Measured Concentration: Lead Measured					
	Concentration: Nickel Measured	104.00 mg/kg 8.00 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry					
	Source: Grid: Soil Sample Type: Sample Area:	British Geological Survey, National Geoscience Information Service 527297, 186229 Topsoil London	A19NW (NE)	881	3	527297 186229
	Arsenic Measured Concentration: Cadmium Measured Concentration:	21.00 mg/kg				
	Chromium Measured Concentration:					
	Lead Measured Concentration: Nickel Measured	367.00 mg/kg 19.00 mg/kg				
	Concentration:					
	BGS Measured Urba	•				
	Source: Grid: Soil Sample Type: Sample Area:	British Geological Survey, National Geoscience Information Service 527766, 185717 Topsoil London	A14NE (E)	915	3	527766 18571
	Arsenic Measured Concentration: Cadmium Measured	15.00 mg/kg				
	Concentration: Chromium Measured					
	Concentration: Lead Measured Concentration:	151.00 mg/kg				
	Nickel Measured Concentration:	20.00 mg/kg				
	BGS Measured Urba	an Soil Chemistry				
	Source: Grid: Soil Sample Type:	British Geological Survey, National Geoscience Information Service 526344, 184653 Topsoil	A7SE (SW)	931	3	52634 18465
	Sample Area: Arsenic Measured	London 47.00 mg/kg				
	Concentration: Cadmium Measured Concentration:	2.00 mg/kg				
	Chromium Measured Concentration: Lead Measured	111.00 mg/kg 1463.00 mg/kg				
	Concentration: Nickel Measured Concentration:	71.00 mg/kg				
	BGS Urban Soil Che Source:	emistry Averages British Geological Survey, National Geoscience Information Service	A13NE	0	3	52688
	Sample Area: Count Id:	London 7189	(N)	O	3	18543
	Arsenic Minimum Concentration:	1.00 mg/kg				
	Arsenic Average Concentration:	17.00 mg/kg				
	Arsenic Maximum Concentration: Cadmium Minimum	161.00 mg/kg 0.30 ma/ka				
	Concentration: Cadmium Average	0.90 mg/kg				
	Concentration: Cadmium Maximum Concentration:	165.20 mg/kg				
	Chromium Minimum Concentration:					
	Chromium Average Concentration: Chromium Maximum					
	Concentration: Lead Minimum	11.00 mg/kg				
	Concentration: Lead Average Concentration:	280.00 mg/kg				
	Lead Maximum Concentration:	10000.00 mg/kg				
	Nickel Minimum Concentration:	2.00 mg/kg				
	Nickel Average Concentration: Nickel Maximum	28.00 mg/kg 506.00 mg/kg				
	Concentration:	5 6				



Geological

/lap ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Coal Mining Affecte	ed Areas				
	In an area that might	not be affected by coal mining				
	Non Coal Mining Ar	reas of Great Britain				
	No Hazard					
	Potential for Collap	sible Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	A13NE (N)	0	3	526880 185434
	Potential for Compi	ressible Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A13NE (N)	0	3	526880 185434
	Potential for Groun No Hazard	d Dissolution Stability Hazards				
	Potential for Lands	lide Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	A13NE (N)	0	3	526880 185434
	Potential for Lands	lide Ground Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	A13NE (NE)	103	3	52696 18551
	Potential for Lands	lide Ground Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	A13NE (NE)	248	3	526988 185670
	Potential for Runnii	ng Sand Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	A13NE (N)	0	3	526880 18543
	Potential for Runnii	ng Sand Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A13NE (NE)	42	3	526910 185479
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Moderate British Geological Survey, National Geoscience Information Service	A13NE (N)	0	3	526880 18543
	Radon Potential - R	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	A13NE (N)	0	3	526880 185434
	Affected Area: Source:	adon Affected Areas The property is in a lower probability radon area, as less than 1% of homes are above the action level British Geological Survey, National Geoscience Information Service	A13NE (N)	0	3	52688 18543



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	Location: Classification: Status:	E Directory Entries Tenancy Cleaners London 4, Shepherds Walk, London, NW3 5UE Cleaning Services - Domestic Active Automatically positioned to the address	A13NW (NW)	152	-	526744 185512
19	Location: Classification: Status:	Directory Entries Bang & Olufsen 44, Rosslyn Hill, London, NW3 1NH Electrical Goods Sales, Manufacturers & Wholesalers Active Automatically positioned to the address	A13NW (NW)	192	-	526764 185598
19	Location: Classification: Status:	Directory Entries Lily'S Kitchen 6, Rosslyn Mews, London, NW3 1NN Pet Foods & Animal Feeds Inactive Automatically positioned to the address	A13NW (NW)	199	-	526769 185611
19	Location: Classification: Status:	Directory Entries Farrow & Ball 58, Rosslyn Hill, London, NW3 1ND Wallpapers & Wall Coverings Active Automatically positioned to the address	A13NW (NW)	231	-	526723 185614
20	Location: Classification: Status:	Directory Entries Hampstead Cleaners 63, Rosslyn Hill, London, NW3 5UQ Carpet, Curtain & Upholstery Cleaners Active Automatically positioned to the address	A13NW (NW)	210	-	526714 185571
21	Location: Classification: Status:	Directory Entries Snappy Snaps 80, Rosslyn Hill, London, NW3 1ND Photographic Processors Inactive Automatically positioned to the address	A13NW (NW)	267	-	526685 185626
22	Location: Classification: Status:	Directory Entries Interior Couture 14a, Downshire Hill, LONDON, NW3 1NR Wallpapers & Wall Coverings Inactive Automatically positioned to the address	A13NE (N)	281	-	526950 185723
23	Location: Classification: Status:	P Directory Entries Radici Plastics Uk Ltd 6a, Hampstead High Street, London, NW3 1PR Plaster Manufacturers & Suppliers Active Automatically positioned to the address	A13NW (NW)	331	-	526626 185654
23	Location: Classification: Status:	Directory Entries Cleaners Hampstead 8, Hampstead High Street, London, NW3 1PR Cleaning Services - Domestic Active Automatically positioned to the address	A13NW (NW)	341	-	526614 185656
24	Location: Classification: Status:	Directory Entries Padma Davu House, 2b, Heath Hurst Road, LONDON, NW3 2RX Textile Manufacturing Inactive Automatically positioned to the address	A13NE (NE)	366	-	527204 185637
24	Location: Classification: Status:	E Directory Entries Bevan Scaffolding Rutsea Lodge, South End Rd, London, NW3 2QB Scaffolding & Work Platforms Active Manually positioned within the geographical locality	A13NE (NE)	373	-	527190 185670
24	Location: Classification: Status:	P Directory Entries Bri-Clean Laundries 57, South End Road, London, NW3 2QB Laundries & Launderettes Inactive Automatically positioned to the address	A13NE (NE)	376	-	527188 185678

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	Bp Belzier Park Service Station, 215, Haverstock Hill, London, NW3 4QE Petrol Filling Stations - 24 Hour Active Automatically positioned to the address	A13SE (SE)	367	-	527188 185227
26	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	le Directory Entries The American Dry Cleaning Co Ltd 29, South End Road, London, NW3 2PT Dry Cleaners Active Automatically positioned to the address	A14NW (E)	369	-	527236 185581
26	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	le Directory Entries House Of Mistry 15, South End Road, LONDON, NW3 2PT Pharmaceutical Manufacturers & Distributors Inactive Automatically positioned to the address	A14NW (E)	373	-	527251 185547
27	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Cleaners Of Hampstead 15, Hampstead High Street, London, NW3 1PX Cleaning Services - Domestic Active Automatically positioned to the address	A13NW (NW)	381	-	526573 185667
28	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Hampstead Waste Flat 68, Henderson Court, 102, Fitzjohns Avenue, London, NW3 6NR Medical Waste Disposal Inactive Automatically positioned to the address	A12NE (W)	381	-	526493 185498
29	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Oven Cleaning (Hampstead) 32, Downshire Hill, London, NW3 1NT Oven cleaning Inactive Automatically positioned to the address	A18SE (N)	392	-	527034 185812
30	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	The Royal Free Hospital & School Of Medicine Royal Free Hospital, Pond Street, London, NW3 2QG Hospitals Inactive Automatically positioned to the address	A14SW (E)	406	-	527297 185410
30	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	The Royal Free Hospital Royal Free Hospital, Pond Street, London, NW3 2QG Hospitals Active Automatically positioned to the address	A14SW (E)	406	-	527297 185410
30	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	The Royal Free Hospital School Of Medicine Royal Free Hospital, Pond Street, London, NW3 2QG Corrosion Prevention & Control Inactive Automatically positioned to the address	A14SW (E)	406	-	527297 185410
31	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	le Directory Entries Oven Cleaning Belsize Park 250 Haverstock Hill, London, NW3 2AE Oven cleaning Inactive Manually positioned within the geographical locality	A14SW (SE)	417	-	527249 185230
32	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	Pearl & Black Interchange Studios, Hampstead Town Hall Centre, 321 Haverstoc, London, NW3 4QP Greeting Card Publishers & Wholesalers Inactive Manually positioned within the geographical locality	A13SE (SE)	428	-	527216 185161



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Pyramid 52, Belsize Lane, London, NW3 5AR Dry Cleaners Active Automatically positioned to the address	A8NW (S)	434	-	526874 184984
34	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Kronus (Uk) Ltd 6, Park End, London, NW3 2SE Catering Equipment Inactive Automatically positioned to the address	A14NW (NE)	482	-	527263 185752
35	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Hillsdown Holdings Ltd 32, Hampstead High Street, London, NW3 1QD Food Products - Manufacturers Inactive Automatically positioned to the address	A12NE (NW)	490	-	526475 185717
35	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Xyz 10, Flask Walk, London, NW3 1HE Ceramic Manufacturers, Supplies & Services Inactive Manually positioned to the address or location	A12NE (NW)	537	-	526445 185756
36	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	Bromine & Chemicals Ltd Second Floor, 201, Haverstock Hill, London, NW3 4QG Chemicals - Distributors & Wholesalers Inactive Automatically positioned to the address	A14SW (SE)	493	-	527267 185121
36	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	Pest Control Hempstead Haverstock Hill, London, NW3 4QG Pest & Vermin Control Active Manually positioned within the geographical locality	A14SW (SE)	507	-	527284 185120
36	Contemporary Trad Name: Location: Classification: Status:		A14SW (SE)	507	-	527284 185120
36	Contemporary Trad Name: Location: Classification: Status:		A14SW (SE)	532	-	527300 185100
37	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	le Directory Entries No1derland.Com 11, Aspern Grove, LONDON, NW3 2AU Musical Instrument - Manufacturers Inactive Automatically positioned to the address	A14SW (E)	493	-	527356 185276
38	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	Continental Autos 10, Daleham Mews, London, NW3 5DB Garage Services Inactive Automatically positioned to the address	A8NW (S)	516	-	526749 184917
38	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	Le Directory Entries Comac Motors 19, Daleham Mews, London, NW3 5DB Garage Services Inactive Automatically positioned to the address	A8NW (S)	517	-	526770 184911
38	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	Daleham Garage 14, Daleham Mews, London, NW3 5DB Garage Services Active Automatically positioned to the address	A8NW (S)	538	-	526749 184894

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Smoother You Ltd 1, McCrone Mews, Belsize Lane, London, NW3 5BG Electrolysis Active Automatically positioned to the address	A8NW (S)	543	-	526777 184884
38	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Auto Reliant Suspension Co 25, Daleham Mews, London, NW3 5DB Garage Services Inactive Automatically positioned to the address	A8NW (S)	544	-	526768 184884
38	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Gems Dry Cleaning Co Ltd 90, Belsize Lane, London, NW3 5BE Dry Cleaners Active Automatically positioned to the address	A8NW (S)	555	-	526784 184870
38	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Mr Lewis Cohens Fry Cleaning Co 90, Belsize Lane, London, NW3 5BE Dry Cleaners Inactive Automatically positioned to the address	A8NW (S)	555	-	526784 184870
39	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Crabtree & Evelyn 65, Hampstead High Street, London, NW3 1QP Toiletries Inactive Automatically positioned to the address	A12NE (NW)	526	-	526422 185704
40	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Printline B, 200, Haverstock Hill, London, NW3 2AG Printers Active Automatically positioned to the address	A14SW (SE)	527	-	527329 185149
40	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Cleaners Belsize Park 200, Haverstock Hill, London, NW3 2AG Carpet, Curtain & Upholstery Cleaners Active Automatically positioned to the address	A14SW (SE)	535	-	527333 185143
40	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	Belsize Park Cleaners 192, Haverstock Hill, London, NW3 2AJ Cleaning Services - Domestic Inactive Automatically positioned to the address	A14SW (SE)	569	-	527358 185118
40	Contemporary Trade Name: Location: Classification: Status:		A14SW (SE)	569	-	527358 185118
41	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Office Cleaning Services 3, Heath Street, London, NW3 6TP Commercial Cleaning Services Inactive Automatically positioned to the address	A12NE (W)	528	-	526373 185608
41	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Hampstead Autos 28, Perrins Walk, London, NW3 6TH Garage Services Inactive Automatically positioned to the address	A12NE (W)	534	-	526365 185603
41	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Destination Skin 12, Heath Street, London, NW3 6TE Electrolysis Active Automatically positioned to the address	A12NE (NW)	535	-	526382 185649



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Rubbish Collection Heath St, London, NW3 6TP Waste Disposal Services Inactive Manually positioned to the road within the address or location	A12NE (W)	541	-	526372 185640
41	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Jeeves Of Belgravia 11, Heath Street, London, NW3 6TP Dry Cleaners Inactive Automatically positioned to the address	A12NE (W)	542	-	526365 185625
42	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Andrews Of Hampstead 22, Heath Street, London, NW3 6TE Hardware Active Automatically positioned to the address	A12NE (NW)	544	-	526381 185666
43	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Bloomsbury Dsp 77B Fleet Rd, London, NW3 2QU Electrical Engineers Inactive Manually positioned to the road within the address or location	A14NW (E)	544	-	527436 185467
44	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Hampstead Cleaners 5, Flask Walk, London, NW3 1HJ Carpet, Curtain & Upholstery Cleaners Active Automatically positioned to the address	A12NE (NW)	552	-	526429 185760
45	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Spotless Cleaning 35, Flask Walk, London, NW3 1HH Cleaning Services - Domestic Active Automatically positioned to the address	A17SE (NW)	556	-	526476 185825
46	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries 47 Jours Design 19, Glenloch Road, London, NW3 4DJ Soft Furnishings - Manufacturers Inactive Automatically positioned to the address	A8NE (SE)	572	-	527191 184943
47	Contemporary Trad Name: Location: Classification: Status:		A12NE (NW)	576	-	526400 185759
47	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Perkins Group 40, Heath Street, London, NW3 6TE Dry Cleaners Active Automatically positioned to the address	A12NE (NW)	578	-	526374 185724
48	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Perkins Dry Cleaners 171, Haverstock Hill, London, NW3 4QS Dry Cleaners Active Automatically positioned to the address	A9NW (SE)	593	-	527343 185055
48	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Professional Quality Dry Cleaning 171, Haverstock Hill, London, NW3 4QS Dry Cleaners Inactive Automatically positioned to the address	A9NW (SE)	593	-	527343 185055
48	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Pest Control Haverstock Hill, London, NW3 4QT Pest & Vermin Control Active Manually positioned within the geographical locality	A9NW (SE)	629	-	527372 185034

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
48	Name: Location: Classification: Status: Positional Accuracy:	Swans 163, Haverstock Hill, London, NW3 4QT Dry Cleaners Active Automatically positioned to the address	A9NW (SE)	629	-	527372 185034
	Contemporary Trad	e Directory Entries				
49	Name: Location: Classification: Status: Positional Accuracy:	Cleaners Hampstead 53, Constantine Road, London, NW3 2LP Cleaning Services - Domestic Inactive Automatically positioned to the address	A14NW (E)	622	-	527491 185613
	Contemporary Trad	e Directory Entries				
50	Name: Location: Classification: Status: Positional Accuracy:	Perkins Dry Cleaners 6, Holly Bush Vale, London, NW3 6TX Dry Cleaners Active Automatically positioned to the address	A12NE (NW)	627	-	526343 185767
	Contemporary Trad	e Directory Entries				
51	Name: Location: Classification: Status: Positional Accuracy:	Top Choice 96, Fleet Road, London, NW3 2QX Dry Cleaners Active Automatically positioned to the address	A14NW (E)	636	-	527528 185473
	Contemporary Trad	e Directory Entries				
51	Name: Location: Classification: Status: Positional Accuracy:	Alva Lighting 4, Ella Mews, London, NW3 2NH Lighting Manufacturers Inactive Automatically positioned to the address	A14NW (E)	643	-	527534 185482
	Contemporary Trad	e Directory Entries				
52	Name: Location: Classification: Status: Positional Accuracy:	Vape Emporium 87, Heath Street, London, NW3 6UG Tobacco Products - Manufacturers Active Automatically positioned to the address	A17SE (NW)	672	-	526367 185876
	Contemporary Trad	e Directory Entries				
53	Name: Location: Classification: Status: Positional Accuracy:	Ampersand 37c, Maresfield Gardens, London, NW3 5SG Lampshade Manufacturers & Distributors Inactive Automatically positioned to the address	A7NE (SW)	688	-	526425 184896
	Contemporary Trad					
54	Name: Location: Classification: Status:	Pauline Thomas Unit 2, 32, Lawn Road, London, NW3 2XU Candle Manufacturers & Suppliers Inactive Automatically positioned to the address	A14SE (E)	690	-	527577 185362
	Contemporary Trad	e Directory Entries				
54	Name: Location: Classification: Status: Positional Accuracy:	Back To Bed Mattress & Bed Ltd Unit 2, 32, Lawn Road, London, NW3 2XU Bed & Mattress Manufacturers Active Manually positioned to the address or location	A14SE (E)	690	-	527577 185362
	Contemporary Trad	e Directory Entries				
54	Name: Location: Classification: Status: Positional Accuracy:	Ormonde Jayne Unit 1, 32, Lawn Road, London, NW3 2XU Perfume Suppliers Active Automatically positioned to the address	A14SE (E)	690	<u>-</u>	527577 185362
	Contemporary Trad	e Directory Entries				
55	Name: Location: Classification: Status: Positional Accuracy:	Pearl & Black English Originals 13, Belsize Grove, London, NW3 4UX Stationery Manufacturers Inactive Automatically positioned to the address	A9NW (SE)	714	-	527340 184878
	Contemporary Trad	e Directory Entries				
56	Name: Location: Classification: Status: Positional Accuracy:	Camden Cleaners 14, Lawn Road, London, NW3 2XS Carpet, Curtain & Upholstery Cleaners Active Automatically positioned to the address	A14SE (E)	738	-	527581 185180



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	Contemporary Trade Directory Entries Name: Chalcot House Services Ltd Location: Flat 4, 47, Belsize Park Gardens, London, NW3 4JL Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (SE)	740	-	527182 184746
57	Contemporary Trade Directory Entries Name: Chalcot House Services Location: Flat 1, 51, Belsize Park Gardens, London, NW3 4JL Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (SE)	756	-	527202 184737
58	Contemporary Trade Directory Entries Name: S E Ltd Location: 8, Frognal, London, NW3 6AJ Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	753	-	526253 184987
59	Contemporary Trade Directory Entries Name: The Belsize Plumbing Co Ltd Location: 24, Belsize Grove, London, NW3 4TR Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	769	-	527399 184857
60	Contemporary Trade Directory Entries Name: Timberwise (Uk) Ltd Location: 176, Finchley Road, London, NW3 6BT Classification: Damp & Dry Rot Control Status: Active Positional Accuracy: Manually positioned within the geographical locality	A7NW (SW)	810	-	526169 185011
60	Contemporary Trade Directory Entries Name: Online Plumbing Location: 176, Finchley Road, London, NW3 6BT Classification: Boilers - Servicing, Replacements & Repairs Status: Active Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	810	-	526169 185011
60	Contemporary Trade Directory Entries Name: Accel Pest Control Location: 176, Finchley Road, London, NW3 6BT Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	810	-	526169 185011
60	Contemporary Trade Directory Entries Name: A Professional Domestic Service Location: 176, Finchley Road, London, NW3 6BT Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	810	-	526169 185011
60	Contemporary Trade Directory Entries Name: 1st Damp Line Ltd Location: 176, Finchley Road, London, NW3 6BT Classification: Damp & Dry Rot Control Status: Active Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	810	-	526169 185011
61	Contemporary Trade Directory Entries Name: Fenton Pharmaceuticals Ltd Location: Unit 4, Hampstead Gate, 1a, Frognal, London, NW3 6/ Classification: Pharmaceutical Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A7NW AL (SW)	810	-	526140 185064
61	Contemporary Trade Directory Entries Name: Automotive Couture Ltd Location: 186, Finchley Road, London, NW3 6BX Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	817	-	526151 185030
61	Contemporary Trade Directory Entries Name: Diamond Location: 190, Finchley Road, London, NW3 6BX Classification: Laundries & Launderettes Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	820	-	526143 185037



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	le Directory Entries T & T Cleaning Services 190, Finchley Road, London, NW3 6BX Cleaning Services - Domestic Active Manually positioned to the address or location	A7NW (SW)	820	-	526143 185037
61	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	le Directory Entries Clean Line 307c Finchley Rd, London, NW3 6EH Commercial Cleaning Services Inactive Manually positioned to the road within the address or location	A7NW (SW)	845	-	526124 185020
62	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries American Wheels 16, Frognal Parade, London, NW3 5HH Car Customisation & Conversion Specialists Inactive Automatically positioned to the address	A7NE (SW)	818	-	526207 184939
62	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Printing Works The 287, Finchley Road, London, NW3 6ND Printers Inactive Manually positioned to the address or location	A7NW (SW)	858	-	526157 184941
62	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Ariana Hand Laundry 281a, Finchley Road, London, NW3 6ND Laundries & Launderettes Active Automatically positioned to the address	A7NW (SW)	863	-	526164 184922
62	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	Multiload Technology Ltd 2, Rosemont Road, London, NW3 6NE Lighting Manufacturers Active Automatically positioned to the address	A7NW (SW)	866	-	526145 184945
62	Contemporary Trad Name: Location: Classification: Status:		A7NW (SW)	868	-	526174 184901
62	Contemporary Trad Name: Location: Classification: Status:		A7NW (SW)	868	-	526174 184901
63	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	Aderin Trading Co 31, Wood Field, Parkhill Road, London, NW3 2YA Leather Merchants & Wholesalers Inactive Automatically positioned to the address	A14SE (E)	840	-	527701 185217
64	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	le Directory Entries Jellyfish C, 31, Tanza Road, London, NW3 2UA Children & Babywear - Manufacturers & Wholesalers Inactive Automatically positioned to the address	A19SE (NE)	847	-	527587 185930
65	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	le Directory Entries Gayle Mcvay 52, Belsize Park Gardens, London, NW3 4ND Hats & Caps - Manufacturers Inactive Automatically positioned to the address	A9SW (SE)	856	-	527379 184728
66	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	le Directory Entries Cleanline First Floor, 307, Finchley Road, London, NW3 6EH Commercial Cleaning Services Inactive Automatically positioned to the address	A7NW (SW)	864	-	526109 185007



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66		e Directory Entries London Crystal Ltd 307c, Finchley Road, London, NW3 6EH Commercial Cleaning Services Inactive Automatically positioned to the address	A7NW (SW)	864	-	526109 185007
66	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Cleanline 307C, Finchley Road, London, NW3 6EH Commercial Cleaning Services Inactive Manually positioned to the address or location	A7NW (SW)	864	-	526109 185007
66	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Clean Line 307c, Finchley Road, London, NW3 6EH Commercial Cleaning Services Inactive Manually positioned to the address or location	A7NW (SW)	864	-	526109 185007
67	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Hairaway 128, Finchley Road, London, NW3 5HT Electrolysis Inactive Automatically positioned to the address	A7NE (SW)	868	-	526308 184759
67	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Wilkinson Freed (Veneers) Ltd 124, Finchley Road, London, NW3 5HT Veneer Manufacturers Inactive Manually positioned to the address or location	A7SE (SW)	877	-	526319 184738
67	Status:	e Directory Entries Gerald Wise & Co Ltd 225a, Finchley Road, London, NW3 6LP Metal Industries - Primary Inactive Automatically positioned to the address	A7SE (SW)	916	-	526286 184714
67	Status:	e Directory Entries Quicksilver Refiners Ltd 225a, Finchley Road, London, NW3 6LP Metal Industries - Primary Inactive Automatically positioned to the address	A7SE (SW)	916	-	526286 184714
67	Contemporary Trade Name: Location: Classification: Status:	* *	A7SE (SW)	921	-	526293 184703
68	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Clean 4 You 55, Belsize Park, London, NW3 4EE Cleaning Services - Domestic Inactive Automatically positioned to the address	A8SW (S)	876	-	526650 184571
69	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Ron'S Garage 6, Rosemont Road, London, NW3 6NE Garage Services Inactive Automatically positioned to the address	A7NW (SW)	891	-	526122 184934
69	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries R S Auto 9, Rosemont Road, London, NW3 6NG Garage Services Inactive Automatically positioned to the address	A7NW (SW)	908	-	526093 184948
69	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Porchetech Ltd 9, Rosemont Road, London, NW3 6NG Garage Services Active Automatically positioned to the address	A7NW (SW)	908	-	526093 184948



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	le Directory Entries Carmel Motors 16, Rosemont Road, London, NW3 6NE Garage Services Active Automatically positioned to the address	A7NW (SW)	930	-	526088 184915
69	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	le Directory Entries Graffiti Art Ltd 16, Rosemont Road, London, NW3 6NE Packaging & Wrapping Equipment & Supplies Inactive Automatically positioned to the address	A7NW (SW)	930	-	526088 184915
69	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Vats It Ltd 18-20, Rosemont Road, London, NW3 6NE Tanks, Vats & Cisterns Inactive Automatically positioned to the address	A7NW (SW)	939	-	526079 184912
70	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Auto Air & Hi-Fi Services 331-335, Finchley Road, London, NW3 6EP Air Conditioning Equipment & Systems Inactive Automatically positioned to the address	A7NW (SW)	894	-	526043 185075
70	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Autohaus 331-335, Finchley Road, London, NW3 6EP Car Dealers Inactive Automatically positioned to the address	A7NW (SW)	894	-	526043 185075
70	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	Supershine Ltd 329, Finchley Road, London, NW3 6EP Cleaning Services - Commercial Inactive Automatically positioned to the address	A7NW (SW)	900	-	526038 185072
71	Contemporary Trad Name: Location: Classification: Status:		A14SE (E)	896	-	527784 185355
71	Contemporary Trad Name: Location: Classification: Status:		A14SE (E)	907	-	527795 185357
72	Contemporary Trad Name: Location: Classification: Status:		A9SW (SE)	899	-	527361 184663
72	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	le Directory Entries Belsize Motors A, 23, Lambolle Place, London, NW3 4PG Garage Services Active Automatically positioned to the address	A9SW (SE)	899	-	527361 184663
72	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	le Directory Entries J A Harnett 4, Lancaster Stables, Lambolle Place, London, NW3 4PH Antiques - Repairing & Restoring Inactive Automatically positioned to the address	A9SW (SE)	910	-	527379 184661
73	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	le Directory Entries Cleaners Of Camden 34, Primrose Gardens, London, NW3 4TN Carpet, Curtain & Upholstery Cleaners Active Automatically positioned to the address	A9SW (SE)	904	-	527485 184753



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Cleaning Services (Belsize Park) 64, Parkhill Road, London, NW3 2YT Cleaning Services - Domestic Active Automatically positioned to the address	A14SE (E)	906	-	527761 185189
75	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Martins 11, Roderick Road, London, NW3 2NN Refrigeration Equipment - Commercial Inactive Automatically positioned to the address	A14NE (E)	908	-	527799 185491
76	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Custom Made Furniture Barkat House, 116-118, Finchley Road, London, NW3 5HT Furniture Manufacturers - Home & Office Active Automatically positioned to the address	A7SE (SW)	918	-	526376 184647
76	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Cross Weir Ltd Barkat House, 116-118, Finchley Road, London, NW3 5HT Valve Manufacturers & Suppliers Inactive Automatically positioned to the address	A7SE (SW)	918	-	526376 184647
77	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Porsheworx 2, Lambolle Place, London, NW3 4PD Garage Services Active Automatically positioned to the address	A9SW (SE)	918	-	527303 184607
77	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Belsize Motors 3, Lambolle Place, London, NW3 4PD Car Engine Tuning & Diagnostic Services Inactive Automatically positioned to the address	A9SW (SE)	922	-	527299 184600
77	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Autotech Hampsted Ltd 3, Lambolle Place, London, NW3 4PD Garage Services Active Automatically positioned to the address	A9SW (SE)	922	-	527299 184600
77	Contemporary Trad Name: Location: Classification: Status:	• • • • • • • • • • • • • • • • • • • •	A9SW (SE)	928	-	527295 184591
77	Contemporary Trad Name: Location: Classification: Status:		A9SW (SE)	929	-	527332 184610
77	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Rayden 17, Eton Garages, Lambolle Place, London, NW3 4PE Car Body Repairs Active Automatically positioned to the address	A9SW (SE)	938	-	527326 184596
77	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Little & Pace Motors 2-3 Eton Garages, Lambolle PI, London, NW3 4PE Garage Services Inactive Manually positioned to the address or location	A9SW (SE)	948	-	527346 184596
77	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Little & Pace Motors Ltd 2, Eton Garages, Lambolle Place, London, NW3 4PE Garage Services Active Automatically positioned to the address	A9SW (SE)	953	-	527349 184592



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trad	e Directory Entries				
77	Name: Location: Classification: Status: Positional Accuracy:	Hmc Fleet Maintenance Centre 3, Eton Garages, Lambolle Place, London, NW3 4PE Garage Services Inactive Automatically positioned to the address	A9SW (SE)	958	-	527346 184585
	Contemporary Trad	e Directory Entries				
77	Name: Location: Classification: Status: Positional Accuracy:	Little & Pace 3, Eton Garages, Lambolle Place, London, NW3 4PE Garage Services Inactive Automatically positioned to the address	A9SW (SE)	958	-	527346 184585
	Contemporary Trad	e Directory Entries				
77	Name: Location: Classification: Status:	Mark One Motors 5-6, Eton Garages, Lambolle Place, London, NW3 4PE Garage Services Inactive Automatically positioned to the address	A9SW (SE)	968	-	527339 184570
	Contemporary Trad	e Directory Entries				
78	Name: Location: Classification: Status: Positional Accuracy:	J Crisp 48, Roderick Road, London, NW3 2NL Antiques - Repairing & Restoring Inactive Automatically positioned to the address	A14NE (E)	924	-	527802 185604
	Contemporary Trad	e Directory Entries				
79	Name: Location: Classification: Status: Positional Accuracy:	Raniar Ltd Charles House, 108-110, Finchley Road, London, NW3 5JJ Manufacturers Active Manually positioned within the geographical locality	A7SE (SW)	933	-	526395 184617
	Contemporary Trad	e Directory Entries				
79	Name: Location: Classification: Status:	Snappy Snaps 189, Finchley Road, London, NW3 6LB Photographic Processors Inactive Automatically positioned to the address	A7SE (SW)	979	-	526365 184581
	Contemporary Trad	e Directory Entries				
79	Name: Location: Classification: Status: Positional Accuracy:	Robert Dyas Ltd 183, Finchley Road, London, NW3 6LB Hardware Active Automatically positioned to the address	A7SE (SW)	989	-	526368 184568
	Contemporary Trad					
80	Name: Location: Classification: Status:	Mercedes Benz 341, Finchley Road, London, NW3 6ET Car Dealers Inactive Automatically positioned to the address	A12SW (W)	938	-	525978 185122
	Contemporary Trad	e Directory Entries				
80	Name: Location: Classification: Status: Positional Accuracy:	K C Gray Ltd 341-347, Finchley Road, London, NW3 6ET Engineers - General Inactive Automatically positioned to the address	A12SW (W)	938	-	525978 185122
	Contemporary Trad	e Directory Entries				
80	Name: Location: Classification: Status: Positional Accuracy:	Alan Day Finchley Rd, London, NW3 6LT Commercial Vehicle Dealers Inactive Manually positioned to the address or location	A12SW (W)	938	-	525978 185122
	Contemporary Trad	e Directory Entries				
80	Name: Location: Classification: Status: Positional Accuracy:	Pot Co The 56-58, Lymington Road, London, NW6 1JB Pottery Manufacturers & Suppliers Inactive Automatically positioned to the address	A7NW (W)	944	-	525986 185084
	Contemporary Trad	e Directory Entries				
81	Name: Location: Classification: Status:	Bp (Hampstead) Service Station A, 104, Finchley Road, London, NW3 5EY Petrol Filling Stations - 24 Hour Active	A7SE (SW)	953	-	526471 184554
	Positional Accuracy:	Automatically positioned to the address				



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
81	Contemporary Trade Directory Entries Name: Nta Cleaning Services Location: 13, New College Parade, London, NW3 5EP Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (SW)	966	-	526502 184527
82	Contemporary Trade Directory Entries Name: Cedo Ltd Location: 32, Eton Avenue, London, NW3 3HL Classification: Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	956	-	527135 184498
83	Contemporary Trade Directory Entries Name: Capacity Uk Ltd Location: 1-3, Canfield Place, London, NW6 3BT Classification: Clothing & Fabrics - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (SW)	957	-	526251 184691
83	Contemporary Trade Directory Entries Name: Satellite Distribution Location: 1-3, Canfield Place, London, NW6 3BT Classification: Distribution Services Status: Active Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	957	-	526251 184691
83	Contemporary Trade Directory Entries Name: Esquire Location: 6, Canfield Gardens, London, NW6 3BS Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	977	-	526255 184661
83	Contemporary Trade Directory Entries Name: Oil & Gas Services Group Ltd Location: 4-6, Canfield Place, London, NW6 3BT Classification: Oil & Gas Exploration Supplies & Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	980	-	526222 184685
84	Contemporary Trade Directory Entries Name: Natmet Ltd Location: A, 35, Lithos Road, London, NW3 6DX Classification: Metal Industries - Primary Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	971	-	526027 184936
85	Contemporary Trade Directory Entries Name: Volvo Cars Location: 1, Northways Parade, London, NW3 5EN Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	977	-	526596 184482
85	Contemporary Trade Directory Entries Name: Kwik-Fit Location: 1, Northways Parade, London, NW3 5EN Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	977	-	526596 184482
85	Contemporary Trade Directory Entries Name: Speedway Location: 1, Northways Parade, London, NW3 5EN Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	977	-	526596 184482
86	Contemporary Trade Directory Entries Name: All Rubbish Cleared Location: Redington Rd, London, NW3 7QX Classification: Rubbish Clearance Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A12NW (W)	986	-	525919 185694

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Industrial Land Use

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Fuel Station Entries	3				
87	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	A13SE (SE)	366	•	527187 185227
	Fuel Station Entries	3				
88	Name: Location: Brand: Premises Type: Status: Positional Accuracy:	Hampstead Connect 104a, Finchley Road, London, NW3 5EY BP Petrol Station Open Automatically positioned to the address	A7SE (SW)	953	-	526471 184554

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Sensitive Land Use

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Nature Rese	rves				
89	Name: Multiple Area: Area (m2): Source: Designation Date:	Belsize Wood N 2722.98 Natural England 28th March 2012	A14SW (E)	606	5	527475 185278

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Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
London Borough of Barnet - Environmental Health Department	April 2013	Annual Rolling Update
London Borough of Brent - Environmental Health Department	April 2013	Annual Rolling Update
London Borough of Islington - Public Protection	August 2013	Annual Rolling Update
London Borough of Haringey - Planning and Environmental Health	February 2013	Annual Rolling Update
Westminster City Council - Environmental Health Department	January 2013	Annual Rolling Update
London Borough of Hackney - Environmental Health Department	July 2013	Annual Rolling Update
London Borough of Camden - Pollution Projects Team	March 2013	Annual Rolling Update
Royal Borough of Kensington And Chelsea - Environmental Services	May 2014	Annual Rolling Update
London Borough of Hammersmith And Fulham - Environmental Health Department	September 2013	Annual Rolling Update
Discharge Consents		
Environment Agency - Thames Region	May 2014	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Thames Region	March 2013	As notified
Integrated Pollution Controls		
Environment Agency - Thames Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control		11
Environment Agency - Thames Region	May 2014	Quarterly
<i>y y</i>	May 2011	Quartony
Local Authority Integrated Pollution Prevention And Control	April 2012	Annual Polling Undata
London Borough of Barnet - Environmental Health Department	April 2013	Annual Rolling Update
London Borough of Islington - Environmental Health Department	April 2013	Annual Rolling Update
London Borough of Camden - Pollution Projects Team	February 2013	Annual Rolling Update
Royal Borough of Kensington And Chelsea - Environmental Health Department	February 2013	Annual Rolling Update
London Borough of Brent - Environmental Health Department	January 2013	Annual Rolling Update
London Borough of Hammersmith And Fulham - Environmental Health Department	March 2014	Annual Rolling Update
London Borough of Haringey - Planning and Environmental Health	November 2012	Annual Rolling Update
Westminster City Council - Environmental Health Department	November 2013	Annual Rolling Update
London Borough of Hackney - Environmental Health Department	September 2013	Annual Rolling Update
Local Authority Pollution Prevention and Controls	A '1 0040	
London Borough of Barnet - Environmental Health Department	April 2013	Annual Rolling Update
London Borough of Islington - Environmental Health Department	April 2013	Annual Rolling Update
London Borough of Camden - Pollution Projects Team	February 2013	Annual Rolling Update
Royal Borough of Kensington And Chelsea - Environmental Health Department	February 2013	Annual Rolling Update
London Borough of Brent - Environmental Health Department	January 2013	Annual Rolling Update
London Borough of Hammersmith And Fulham - Environmental Health Department	March 2014	Annual Rolling Update
London Borough of Haringey - Planning and Environmental Health	November 2012	Annual Rolling Update
Westminster City Council - Environmental Health Department	November 2013	Annual Rolling Update
London Borough of Hackney - Environmental Health Department	September 2013	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
London Borough of Barnet - Environmental Health Department	April 2013	Annual Rolling Update
London Borough of Islington - Environmental Health Department	April 2013	Annual Rolling Update
London Borough of Camden - Pollution Projects Team	February 2013	Annual Rolling Update
Royal Borough of Kensington And Chelsea - Environmental Health Department	February 2013	Annual Rolling Update
London Borough of Brent - Environmental Health Department	January 2013	Annual Rolling Update
London Borough of Hammersmith And Fulham - Environmental Health Department	March 2014	Annual Rolling Update
London Borough of Haringey - Planning and Environmental Health	November 2012	Annual Rolling Update
Westminster City Council - Environmental Health Department	November 2013	Annual Rolling Update
London Borough of Hackney - Environmental Health Department	September 2013	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters		
Environment Agency - Thames Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Thames Region	March 2013	As notified

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Agency & Hydrological	Version	Update Cycle
Prosecutions Relating to Controlled Waters		
Environment Agency - Thames Region	March 2013	As notified
Registered Radioactive Substances		
Environment Agency - Thames Region	May 2014	Quarterly
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - Thames Region - North East Area	May 2014	Quarterly
Water Abstractions		
Environment Agency - Thames Region	April 2014	Quarterly
Water Industry Act Referrals		
Environment Agency - Thames Region	May 2014	Quarterly
Groundwater Vulnerability		
Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits		
Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations		
British Geological Survey - National Geoscience Information Service	October 2012	Annually
Superficial Aquifer Designations		
British Geological Survey - National Geoscience Information Service	October 2012	Annually
Source Protection Zones		
Environment Agency - Head Office	December 2014	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	February 2014	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	February 2014	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	February 2014	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	February 2014	Quarterly
Flood Defences	-	
Environment Agency - Head Office	February 2014	Quarterly
Detailed River Network Lines		1
Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage		,
Environment Agency - Head Office	March 2012	Annually

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Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - South East Region - Kent & South London Area	February 2014	Quarterly
Environment Agency - South East Region - North East Thames Area	February 2014	Quarterly
Environment Agency - South East Region - Solent & South Downs Area	February 2014	Quarterly
Environment Agency - South East Region - West Thames Area	February 2014	Quarterly
Environment Agency - Thames Region - North East Area	February 2014	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Thames Region	October 2008	Not Applicable
• • •	00.0001 2000	1 tot / tppiloabio
Licensed Waste Management Facilities (Landfill Boundaries)	Fabruary 2014	Ougetonly
Environment Agency - South East Region - Kent & South London Area	February 2014	Quarterly
Environment Agency - South East Region - North East Thames Area	February 2014	Quarterly
Environment Agency - South East Region - Solent & South Downs Area	February 2014	Quarterly
Environment Agency - South East Region - West Thames Area	February 2014	Quarterly
Environment Agency - Thames Region - North East Area	February 2014	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Thames Region - North East Area	February 2014	Quarterly
Local Authority Landfill Coverage		
London Borough of Barnet	May 2000	Not Applicable
London Borough of Brent - Environmental Health Department	May 2000	Not Applicable
London Borough of Camden	May 2000	Not Applicable
London Borough of Hackney	May 2000	Not Applicable
London Borough of Hammersmith And Fulham - Environmental Health Department	May 2000	Not Applicable
London Borough of Haringey - Planning Department	May 2000	Not Applicable
London Borough of Islington - Environmental Health Department	May 2000	Not Applicable
Royal Borough of Kensington And Chelsea	May 2000	Not Applicable
Westminster City Council - Environmental Health Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
London Borough of Barnet	May 2000	Not Applicable
London Borough of Brent - Environmental Health Department	May 2000	Not Applicable
London Borough of Camden	May 2000	Not Applicable
London Borough of Hackney	May 2000	Not Applicable
London Borough of Hammersmith And Fulham - Environmental Health Department	May 2000	Not Applicable
London Borough of Haringey - Planning Department	May 2000	Not Applicable
London Borough of Islington - Environmental Health Department	May 2000	Not Applicable
Royal Borough of Kensington And Chelsea	May 2000	Not Applicable
Westminster City Council - Environmental Health Department	May 2000	Not Applicable
	, 2000	
Registered Landfill Sites	March 2002	Not Applicable
Environment Agency - Thames Region - North East Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Thames Region - North East Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Thames Region - North East Area	March 2003	Not Applicable

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Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	March 2014	Bi-Annually
Explosive Sites		
Health and Safety Executive	November 2013	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
London Borough of Hackney	December 2012	Annual Rolling Update
London Borough of Hammersmith And Fulham - Environmental Protection	December 2012	Annual Rolling Update
London Borough of Camden	February 2013	Annual Rolling Update
London Borough of Barnet	January 2013	Annual Rolling Update
London Borough of Haringey	March 2013	Annual Rolling Update
Westminster City Council	March 2014	Annual Rolling Update
Royal Borough of Kensington And Chelsea	November 2012	Annual Rolling Update
London Borough of Brent	November 2013	Annual Rolling Update
London Borough of Islington	September 2013	Annual Rolling Update
Planning Hazardous Substance Consents		
London Borough of Hackney	December 2012	Annual Rolling Update
London Borough of Hammersmith And Fulham - Environmental Protection	December 2012	Annual Rolling Update
London Borough of Camden	February 2013	Annual Rolling Update
London Borough of Barnet	January 2013	Annual Rolling Update
London Borough of Haringey	March 2013	Annual Rolling Update
Westminster City Council	March 2014	Annual Rolling Update
Royal Borough of Kensington And Chelsea	November 2012	Annual Rolling Update
London Borough of Brent	November 2013	Annual Rolling Update
London Borough of Islington	September 2013	Annual Rolling Update

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Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
BGS Estimated Soil Chemistry		
British Geological Survey - National Geoscience Information Service	January 2010	Variable
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	April 2014	Bi-Annually
BGS Urban Soil Chemistry		
British Geological Survey - National Geoscience Information Service	June 2011	Variable
BGS Urban Soil Chemistry Averages		
British Geological Survey - National Geoscience Information Service	June 2011	Variable
Brine Compensation Area		
Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas		
The Coal Authority - Mining Report Service	December 2013	As notified
Mining Instability		
Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	February 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	October 2013	As notified
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries		
Thomson Directories	May 2014	Quarterly
Fuel Station Entries		
Catalist Ltd - Experian	March 2014	Quarterly

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Sensitive Land Use	Version	Update Cycle
Areas of Adopted Green Belt		
London Borough of Barnet	May 2014	As notified
London Borough of Haringey	May 2014	As notified
Areas of Unadopted Green Belt		
London Borough of Barnet	May 2014	As notified
London Borough of Haringey	May 2014	As notified
Areas of Outstanding Natural Beauty		
Natural England	January 2014	Bi-Annually
Environmentally Sensitive Areas		
Natural England	July 2013	Annually
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Natural England	March 2014	Bi-Annually
Marine Nature Reserves		
Natural England	July 2013	Bi-Annually
National Nature Reserves		
Natural England	March 2014	Bi-Annually
National Parks		
Natural England	January 2014	Bi-Annually
Nitrate Sensitive Areas		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2013	Annually
Ramsar Sites		
Natural England	March 2014	Bi-Annually
Sites of Special Scientific Interest		
Natural England	July 2013	Bi-Annually
Special Areas of Conservation		
Natural England	March 2014	Bi-Annually
Special Protection Areas		
Natural England	March 2014	Bi-Annually

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Data Suppliers

A selection of organisations who provide data within this report

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



Useful Contacts

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1	Environment Agency - National Customer Contact Centre (NCCC)	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
	PO Box 544, Templeborough, Rotherham, S60 1BY	
2	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
3	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
4	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmark.co.uk Website: www.landmarkinfo.co.uk
5	Natural England Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
6	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
-	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 / SEPA have a charging policy in place for enquiries.

