



2 Mornington Terrace

Desk Study & Basement Impact Assessment Report

Prepared by Geotechnical & Environmental Associates
22 August 2013

Desk Study and Basement Impact Assessment Report

**Victoria Public House
2 Mornington Terrace
London NW1**

Client




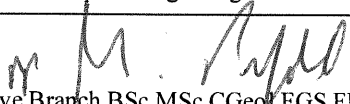

Mr C Barnes

J13264

August 2013



Document Control

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EXECUTIVE SUMMARY

This executive summary contains an overview of the key findings and conclusions. No reliance should be placed on any part of the executive summary until the whole of the report has been read. Other sections of the report may contain information that puts into context the findings that are summarised in the executive summary.

BRIEF

This report describes the findings of a desk study and Basement Impact Assessment carried out by Geotechnical and Environmental Associates (GEA), on the instructions of Mr C Barnes. The purpose of the work has been to determine the history of the site, to assess the potential for contamination, to provide preliminary information on foundation options and to review any possible impact on the local soil and groundwater regime with respect to the proposed redevelopment, which includes expansion of the existing single level basement into the rear garden area as part of the conversion of the former public house into residential apartments.

DESK STUDY FINDINGS

The earliest map studied, dated 1851, indicates the roads in their existing configuration, with Mornington Road running northwest-southeast and joining with Crescent Place to the south of the site. The map also indicates the “London and North” Railway to run northwest-southeast a short distance to the south of the site. The next map, dated 1873 indicates a Public House occupying the southern two-thirds of the site with the modern-day footprint arrangement. At this time the property was bordered by Mornington Road and Crescent Place to the south, and adjoining terrace properties and their associated rear gardens to the northwest, north and east. Some time between 1876 and 1896 Crescent Place was renamed Mornington Place, and between 1896 and 1916 the southern stretch of Mornington Road was realigned and the properties opposite the site demolished to accommodate an expansion of the railway sidings to the south, while the site itself remained unaffected. Between 1916 and 1953 Mornington Road was renamed Mornington Terrace, and the site and surrounding area have since remained largely unaltered.

CONCLUSIONS

On the basis of the findings of the research carried out there is considered to be a VERY LOW risk of contamination at this site.

The expected ground conditions at the site indicate that spread foundations bearing on the London Clay should be a suitable solution for the anticipated moderately light loads. A ground investigation should be carried out to confirm the ground profile and strength of the soils.

BASEMENT IMPACT ASSESSMENT

It has been concluded that the majority of the impacts identified can be mitigated by appropriate design and standard construction practice, particularly with respect to the founding depth relative to the neighbours, and the stability of the highway. Groundwater monitoring should be undertaken following the fieldwork to determine the water level and determine if protection from groundwater inflows may be required in the basement excavation. Any inflows from within the London Clay would be expected at a very slow rate which could be suitably controlled by sump pumping.

The proposed works are not considered likely to have any detrimental effect on the local groundwater regime.

1.0 INTRODUCTION

Geotechnical and Environmental Associates (GEA) has been commissioned by Mr C Barnes, to carry out a desk study and Basement impact assessment at the Victoria Public House, 2 Mornington Terrace, London, NW1 7RR.

1.1 Proposed Development

Consideration is being given to the redevelopment of this site to convert the former public house to a series of residential flats. It is proposed to extend the existing single level basement into the rear garden space with an increase to the existing basement depth of up to 1.0 m.

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

1.2 Purpose of Work

The principal technical objectives of the work carried out were as follows:

- ❑ to determine the history of the site and surrounding area, particularly with respect to any previous or present potentially contaminative uses;
- ❑ to research the geology and hydrogeology of the site;
- ❑ to check records of data on groundwater, surface water and other publicly available environmental data;
- ❑ to use the information obtained in the above searches to carry out a qualitative risk assessment with respect to subsurface contamination;
- ❑ to provide preliminary comments on foundation options and recommendations for appropriate ground investigation; and
- ❑ to provide a preliminary assessment of the impact of the proposed development on groundwater, surface water and land stability.

1.3 Scope of Work

In order to meet the above objectives, a desk study was carried out, comprising, in summary, the following activities:

- ❑ a review of readily available geological maps;
- ❑ a review of publicly available environmental data sourced from the Landmark Envirocheck database;
- ❑ a review of historical Ordnance Survey (OS) maps supplied by Landmark;
- ❑ a review of the GEA archive; and
- ❑ provision of a report presenting and interpreting the above data, together with our advice and recommendations with respect to the proposed development.

The work carried out includes a Groundwater, Surface Water and Land Stability Screening Assessment, which forms part of the Basement Impact Assessment (BIA) procedure specified in the London Borough of Camden Planning Guidance CPG4¹ and their Guidance for Subterranean Development² prepared by Arup.

The aim of the work is to provide information on the groundwater, surface water and land stability of the site and in particular to assess whether the development will affect the neighbouring properties and whether any identified impacts can be appropriately mitigated by the design of the development.

1.4 Qualifications

The land stability element of the Basement Impact Assessment (BIA) has been carried out by Martin Cooper, a BEng in Civil Engineering, a chartered engineer (CEng), member of the Institution of Civil Engineers (MICE), and Fellow of the Geological Society (FGS) who has over 20 years specialist experience in ground engineering. The subterranean (groundwater) flow assessment has been carried out by John Evans, MSc in Hydrogeology, Chartered Geologist (CGeol) and Fellow of the Geological Society of London (FGS). The assessments have been made in conjunction with Steve Branch, a BSc in Engineering Geology and Geotechnics, MSc in Geotechnical Engineering, a chartered geologist (CGeol) and Fellow of the Geological Society (FGS) with 25 years' experience in geotechnical engineering and engineering geology. All assessors meet the Geotechnical Adviser criteria of the Site Investigation Steering Group and satisfy the qualification requirements of the Council guidance.

The surface water and flooding element of this BIA is provided for guidance only and should be confirmed by a suitably qualified engineer experienced in carrying out surface water assessments.

1.5 Limitations

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

2.0 THE SITE

2.1 Site Description

The site is located 250 m to the west of Mornington Crescent London Underground station, and 580 m south of Camden Town London Underground station. It may be additionally located by National Grid Reference 528976, 183286.

The site fronts onto Mornington Terrace to the southwest and Mornington Place to the south. It is bordered to the northwest and east by adjoining three-storey terrace properties and their associated garden areas. The site is roughly triangular in shape, measuring approximately 15 m by 20 m. It is

1 London Borough of Camden Planning Guidance CPG4 *Basements and lightwells*

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

occupied by a mid-terrace three-storey brick built public house, including a single level basement. The building occupies approximately two-thirds of the site and is positioned to the south with a garden at the rear. The rear garden is at street level and is accessed from the south through the main building; the site is essentially devoid of vegetation with the exception of a small number of bushes and climbing plants to the north of the site. There is a tree approximately 9 m in height in close proximity to and outside the northern boundary of the site.

The site and immediately surrounding area are essentially level at an Ordnance Datum (OD) level of approximately 15.8 m OD according to the most recent Ordnance Survey (OS) map.

2.2 Site History

The site history has been researched by reference to online data and historical Ordnance Survey (OS) maps obtained from the Landmark database.

The earliest map studied, dated 1851, indicates the roads in their existing configuration, with Mornington Road running northwest-southeast and joining with Crescent Place to the south of the site. The map also indicates the "London and North" Railway to run northwest-southeast a short distance to the south of the site. The next map, dated 1873 indicates a Public House occupying the southern two-thirds of the site with the modern-day footprint arrangement. At this time the property was bordered by Mornington Road and Crescent Place to the south, and adjoining terrace properties and their associated rear gardens to the northwest, north and east. Some time between 1876 and 1896 Crescent Place was renamed Mornington Place, and between 1896 and 1916 the southern stretch of Mornington Road was realigned and the properties opposite the site demolished to accommodate an expansion of the railway sidings to the south, while the site itself remained unaffected. Between 1916 and 1953 Mornington Road was renamed Mornington Terrace, and the site and surrounding area have since remained largely unaltered.

A search of the 1905 and 1921 Post Office Street and Court Directories, as well as reference to online data, indicate the premises fronting onto Mornington Road (later renamed Mornington Terrace) to have previously been occupied by the current Victoria Public House.

2.3 Other Information

A search of public registers and databases has been made via the Envirocheck database and a summary of the results of this search is included in the Appendix. More detailed information relating to the search can be provided on request.

No operational or historic landfills are recorded within 250 m of the site and there are no licensed waste transfer, treatment or disposal sites within 250 m. There are no controlled processes operating within 250 m of the site.

A local authority pollution prevention and control is recorded 213 m to the northeast of the site. In addition there are a number of contemporary trade directory entries including dry cleaning, garage services, textile merchants and a fuel station entry within 250 m of the site.

The site is located in an area where less than 1% of homes are affected by radon emissions; therefore no radon protective measures will be necessary.

The site is at low risk of potential stability hazards, including landslides and dissolution.

2.4 UXO Preliminary Risk Assessment

This assessment has been carried out in accordance with the guidance provided by CIRIA³, which states that the likelihood of encountering and detonating unexploded ordnance (UXO) below a site should be assessed along with establishing the consequences that may arise. The first phase comprises a preliminary risk assessment, which should be undertaken at an early stage of the development planning. If such an assessment identifies a high level of risk then a detailed risk assessment should be carried out by a UXO specialist, which will identify an appropriate course of action with regard to risk mitigation.



The site is located in an area of known World War I and II bombing, but it has not had a previous military use and is unlikely to have been specifically targeted by enemy bombers. It is, however, located approximately 300 m to the east of Regents Park Barracks, which is likely to have been a potential target. A review of the bomb damage map of the area has indicated that the site did not suffer damage, but that a site 55 m to the west was seriously damaged, and a series of buildings approximately 100 m to the north was reported as damaged beyond repair. The site has not been modified since the war and has an existing single level basement. There is therefore considered to be a low risk to the site

from UXO. A UXO detailed risk assessment is not considered to be required.

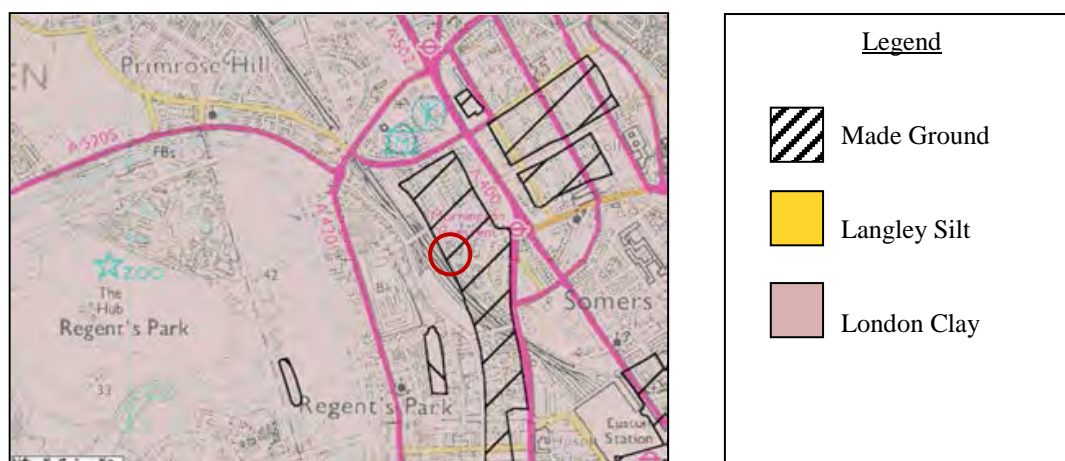
3.0 GROUND CONDITIONS

3.1 Soil Conditions

The Geological Survey map of the area (sheet 256) indicates that the site should be underlain by Made Ground over the London Clay Formation, as shown by the geological map extract below.

A search of archived borehole records held by the British Geological Survey (BGS) has revealed a borehole located 170 m southwest of the site, which encountered made ground underlain by an initial weathered horizon of London Clay over unweathered London Clay. The made ground comprised brick rubble with gravelly sandy clay and was encountered to a depth of 0.46 m, below which the initial weathered horizon of London Clay comprised soft to firm becoming firm to stiff mottled brown fissured laminated silty clay and was encountered to a depth of 4.27 m. The unweathered clay comprised firm to stiff grey laminated and slightly fissured silty clay and was encountered to the maximum depth of investigation of 18.29 m. It should be noted that this and all other BGS boreholes were located outside the region highlighted as being underlain by made ground.

³ Stone, K, Murray, A, Cooke, S and Foran, J (2009) *Unexploded Ordnance (UXO). A guide for the construction industry.* CIRIA Pub C681



An investigation carried out previously by GEA, 125 m to the west of the site, revealed that beneath a variable thickness of made ground, the London Clay Formation was present, which was proved to the maximum depth investigated of 15.00 m. The made ground extended to depths of 0.50 m and 3.00 m and generally comprised brown and grey silty sand and silty clay with gravel, roots, ash, clinker, brick, slate and china fragments. The underlying London Clay initially comprised a weathered horizon of firm brown fissured clay with partings of orange-brown silt and selenite crystals, which extended to a depth of 3.0 m. Below the weathered horizon stiff becoming very stiff dark bluish grey fissured clay with partings of pale brown silt, selenite crystals and shell fragments was encountered and proved to the maximum depth investigated.

3.2 Surface and Groundwater Conditions

The topographical maps show that the nearest surface water features are a series of ponds situated approximately 700 m to the west of the site within Regent's Park, and the Regent's Canal lies in a relatively steep sided cutting located approximately 825 m to the north of the site. The canal forms part of the Grand Union Canal and connects with the River Thames at Limehouse, 8.0 km to the southeast. The site is therefore not within an area at risk from flooding as defined by the EA. The site is not located within the vicinity of the nearest lost rivers⁴ Tyburn or Fleet.

The underlying London Clay is classified as an unproductive stratum with soils that have a low permeability and negligible significance to local water supply, as defined by the Environment Agency (EA). Any water infiltrating the London Clay will generally tend to flow vertically downwards at a very slow rate towards the chalk aquifer. Due to the predominantly cohesive nature of the soils, the groundwater flow rate is anticipated to be very slow. Published data for the permeability of the London Clay indicates the horizontal permeability to generally range between 1×10^{-10} m/s and 1×10^{-8} m/s, with an even lower vertical permeability.

The site does not lie within an Environment Agency designated Source Protection Zone (SPZ). The site is not within an area indicated by the Environment Agency to be at risk from flooding.

The southern part of the site is wholly occupied by the building, while the northern area of site is surfaced in hard standing, and the adjacent land is covered in essentially the same arrangement. Infiltration of rain water therefore generally only occurs in the rear garden, with the majority of surface runoff likely to drain into combined sewers in the road, or possibly into a soakaway.

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

The proposed basement extension would extend up to 1.0 m below the existing basement level and as such it is unlikely that it would extend below groundwater levels beneath the site. However, groundwater levels should be determined as part of a site investigation. Groundwater was encountered within the aforementioned BGS borehole as a slow seepage while the borehole was left open over night at 7.67 m depth. Groundwater was encountered within the GEA borehole referred to above within the made ground at depths of 1.6 m and 2.0 m but was assessed to represent perched water that was confined within a former canal on the site.

4.0 RISK ASSESSMENT

4.1 Environmental Risks

The desk study research has indicated this site to have been occupied by the existing house since at least 1873, and as such no potentially contaminative land uses have been identified on or within close vicinity to the site.

The geological map extract shown in Section 3.1 indicates an area of made ground to the south of the site. The existing houses were built prior to 1873, which indicates the made ground was placed prior to 1873 and is likely to have been associated with infilling of shallow clay pits. Therefore it is deemed unlikely to be significantly contaminated, with a low potential for migrating gas within the ground. No other landfill sites or areas of infilled ground have been identified within 250 m of the site and, therefore, a risk from soil gas is not envisaged.

Part IIA of the Environmental Protection Act 1990, which was inserted into that Act by Section 57 of the Environment Act 1995, provides a regulatory regime for the identification and remediation of contaminated land. As part of the new regime local authorities are required to carry out inspections of their area to identify sites that may be contaminated. The determination of contaminated sites is based on a “suitable for use” approach which involves investigating the risks posed by contaminated land by making risk-based decisions. This risk assessment is carried out on the basis of establishing one or more “pollution linkages”; a pollution linkage requires a source of contamination, a sensitive target or receptor that is at risk from the contamination and a pathway by which the contamination can travel from the source to the target.

For this site no sources of pollution have been identified and no new targets are at risk, there is therefore a VERY LOW risk of contamination.

4.2 Development Issues

Consideration is being given to the redevelopment of this site from a previous commercial-use public house to a series of residential flats. It is proposed to extend the existing single level basement into the rear garden space with an increase to the existing basement depth of up to 1.0 m.

The foundation loads for the proposed development are unlikely to increase the existing loads of the house and no additional loads are proposed.

It would be prudent to carry out a ground investigation in order to confirm the ground conditions at the site and to obtain information on the strength of the soil for the purposes of foundation and retaining wall design.

5.0 BASEMENT IMPACT ASSESSMENT

5.1 Screening Assessment

The Council's guidance suggests that any development proposal that includes a subterranean basement should be screened to determine whether or not a full BIA is required. A number of screening tools are included in the Arup document and for the purposes of this report reference has been made to Appendix E which includes a series of questions within a screening flowchart for three categories; groundwater flow; land stability; and surface water flow. Responses to the questions are tabulated below.

5.1.1 Subterranean (groundwater) Screening Assessment

Question	Response for 2 Mornington Terrace
1a. Is the site located directly above an aquifer?	No
1b. Will the proposed basement extend beneath the water table surface?	No
2. Is the site within 100 m of a watercourse, well (used/ disused) or potential springline?	No
3. Is the site within the catchment of the pond chains on Hampstead Heath?	No
4. Will the proposed basement development result in a change in the proportion of hard surfaced / paved areas?	No
5. As part of the site drainage, will more surface water (e.g. rainfall and run-off) than at present be discharged to the ground (e.g. via soakaways and/or SUDS)?	No
6. Is the lowest point of the proposed excavation (allowing for any drainage and foundation space under the basement floor) close to or lower than, the mean water level in any local pond or spring line?	No

No potential issues have been identified with respect to Subterranean (groundwater) Screening.

5.1.2 Stability Screening Assessment

Question	Response for 2 Mornington Terrace
1. Does the existing site include slopes, natural or manmade, greater than 7°?	No
2. Will the proposed re-profiling of landscaping at the site change slopes at the property boundary to more than 7°?	No
3. Does the development neighbour land, including railway cuttings and the like, with a slope greater than 7°?	No
4. Is the site within a wider hillside setting in which the general slope is greater than 7°?	No
5. Is the London Clay the shallowest strata at the site?	No
6. Will any trees be felled as part of the proposed development and / or are any works proposed within any tree protection zones where trees are to be retained?	Yes – There is a tree approximately 9 m in height outside the boundary of the site, it is unknown whether this tree is protected.
7. Is there a history of seasonal shrink-swell subsidence in the	No

Question	Response for 2 Mornington Terrace
local area and / or evidence of such effects at the site?	
8. Is the site within 100 m of a watercourse or potential spring line?	No
9. Is the site within an area of previously worked ground?	<i>Yes – according to the BGS Geological Map the site is within an area of made ground.</i>
10. Is the site within an aquifer?	No
11. Is the site within 50 m of Hampstead Heath ponds?	No
12. Is the site within 5 m of a highway or pedestrian right of way?	<i>Yes - the site fronts onto a public road</i>
13. Will the proposed basement significantly increase the differential depth of foundations relative to neighbouring properties?	<i>Yes – the development will include new foundations and adjacent properties adjoin the existing building</i>
14. Is the site over (or within the exclusion zone of) any tunnels, eg railway lines?	No

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

- Q6 A tree is present in close proximity to and outside the boundary of the site, but it is unknown if this tree is protected.
- Q9 The site is within an area of previously worked ground.
- Q12 The site is within 5 m of a public highway.
- Q13 The development will increase the foundation depths relative to the neighbouring properties to a relatively significant extent.

5.1.3 Surface Flow and Flooding Screening Assessment

This element of the BIA is provided for guidance only and should be confirmed by a suitably qualified hydrologist experienced in carrying out surface water assessments.

Question	Response for 2 Mornington Terrace
1. Is the site within the catchment of the pond chains on Hampstead Heath?	No
2. As part of the proposed site drainage, will surface water flows (e.g. volume of rainfall and peak run-off) be materially changed from the existing route?	No
3. Will the proposed basement development result in a change in the proportion of hard surfaced / paved areas?	No
4. Will the proposed basement development result in changes to the profile of the inflows (instantaneous and long term) of surface water being received by adjacent properties or downstream watercourses?	No
5. Will the proposed basement result in changes to the quantity of surface water being received by adjacent properties or downstream watercourses?	No
6. Is the site in an area known to be at risk from surface water flooding such as South Hampstead, West Hampstead, Gospel Oak and Kings Cross, or is it at risk of flooding because the proposed basement is below the static water level of a nearby surface water feature?	No

No potential issues have been identified with respect to surface water flow.

5.2 Scoping Assessment

The purpose of scoping is to assess in more detail the factors to be investigated in the impact assessment. Potential impacts are assessed for each of the identified potential impact factors. An investigation has not been carried out to date.

5.2.1 Potential Impacts

The following potential impacts have been identified:

- ☐ Building within the zone of a protected tree
- ☐ The site is within an area of made ground
- ☐ The location of the public highway
- ☐ Founding depths relative to neighbours

5.2.2 Impact Assessment

The screening identified four potential impacts. The desk study and ground investigation information has been used below to review the potential impacts, to assess the likelihood of them occurring and the scope for reasonable engineering mitigation.

Building within the zone of a protected tree A tree is present in close proximity to and outside the boundary of the site, however it is unknown if this tree is protected. It is recommended that this is clarified prior to basement construction.

Area of Made Ground

Any made ground below the site is evidently over 150 years old and is therefore not considered to have any potential for the presence of leachable contamination or generation of landfill gas. A check should be made that any new foundations bypass the made ground and extend to competent natural soils.

Location of public highway

The retaining walls should be designed to maintain the stability of the adjacent road and associated infrastructure. The final retaining wall solution should be reviewed to avoid any concerns with regard to stability or movement to adjacent structures.

Founding depths relative to neighbours

The excavations should be readily managed using standard engineering solutions to ensure that the stability of the adjacent foundations is maintained. These solutions include preventing excavation within a zone that would lead to instability, and constructing retaining walls in limited panel widths to ensure that general stability problems arise.

6.0 CONCLUSIONS

Consideration is being given to the redevelopment of this site from a previous commercial-use public house to a series of residential flats. It is proposed to extend the existing single level

basement into the rear garden space with an increase to the existing basement depth of up to 1.0 m.

6.1 Desk Study

On the basis of the findings of the research carried out there is considered to be a VERY LOW risk of contamination at this site. It would, however, be prudent to carry out chemical analyses on samples of the near-surface soil in order to determine whether any contaminants are present and to provide an assessment of classification for waste disposal purposes.

The expected ground conditions at the site indicate that spread foundations bearing on the London Clay should be a suitable solution for the anticipated moderately light loads. A ground investigation should be carried out to confirm the ground profile and strength of the soils.

6.2 Basement Impact Assessment

A Basement Impact Assessment has been carried out following the information and guidance published by the London Borough of Camden. Four potential impacts were identified as a result of the screening exercise:

- ☐ Building within the zone of a protected tree
- ☐ The site is within an area of made ground
- ☐ The location of the public highway
- ☐ Founding depths relative to neighbours

The desk study and screening assessment have indicated that the proposed development is not considered to have the potential to affect groundwater flow locally due to the small scale of the basement extension, the underlying unproductive stratum of the London Clay formation, and due to the proposed basement not extending below groundwater levels beneath the site. It has been concluded that the majority of these impacts can be mitigated by appropriate design and standard construction practice, particularly with respect to the founding depth relative to the neighbours, and the stability of the highway.

Groundwater monitoring should be undertaken following the fieldwork to determine the equilibrium water level and determine if protection from groundwater inflows may be required in the basement excavation. Any inflows from within the London Clay would be expected at a very slow rate which could be suitably controlled by sump pumping.

The basement impact assessment has indicated that the proposed development is unlikely to result in any specific groundwater, surface water, land or slope stability issues.

APPENDIX

Envirocheck Report

Historical Maps

Site Photographs

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

43279343_1_1

Customer Reference:

J12306

National Grid Reference:

528970, 183300

Slice:

A

Site Area (Ha):

0.03

Search Buffer (m):

1000

Site Details:

The Victoria Public House
2 Mornington Terrace
LONDON
NW1 7RR

Client Details:

Mr S Branch
GEA Ltd
Tyttenhanger House
Coursers Road
St Albans
Herts
AL4 0PG

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	20
Hazardous Substances	-
Geological	25
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Introduction

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

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

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Report Version v47.0

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Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1				3
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		1	3	10
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 3				Yes
Pollution Incidents to Controlled Waters	pg 3				4
Prosecutions Relating to Authorised Processes	pg 4				1
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances	pg 4			2	25
River Quality	pg 9				2
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 9				1
Water Abstractions	pg 9				6 (*32)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 18	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 19	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
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)	pg 20				5
Local Authority Recorded Landfill Sites					
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Registered Waste Transfer Sites	pg 21				7
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Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 25	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 25	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry	pg 26			Yes	Yes
BGS Urban Soil Chemistry Averages	pg 30	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 30	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 30		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 30	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 30	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 31	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
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Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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Areas of Unadopted Green Belt					
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Marine Nature Reserves					
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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
1	Discharge Consents Operator: The Jim Henson Studio Property Type: Recreational & Cultural Location: 30 Oval Road, Camden Town, London, Nw1 7de Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CATM.2853 Permit Version: 1 Effective Date: 1st April 1997 Issued Date: 1st April 1997 Revocation Date: 30th September 2005 Discharge Type: Trade Discharges - Cooling Water Discharge: Canal Environment: Receiving Water: Guc - Paddington Arm Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	828	1	528600 184050
1	Discharge Consents Operator: Rushes Motion Control Property Type: Recreational & Cultural Location: 30 Oval Road, Camden Town, London, Nw1 7de Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: Cntm.1566 Permit Version: 1 Effective Date: 1st September 1994 Issued Date: 1st September 1994 Revocation Date: 1st October 1996 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Guc - Paddington Arm Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	828	1	528600 184050
2	Discharge Consents Operator: National Grid Company Plc. Property Type: Production & Distribution Of Electricity Location: Fitzroy Bridge Outlet, Primrosehill, Camden, London Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CTMR.0387 Permit Version: 1 Effective Date: 28th March 1980 Issued Date: 28th March 1980 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Cooling Water Discharge: Canal Environment: Receiving Water: Grand Unioncanal Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	864	1	528360 183920
3	Local Authority Pollution Prevention and Controls Name: Camden Dry Cleaners Location: 27 Camden High Street, London, Nw1 7je Authority: London Borough of Camden, Pollution Projects Team Permit Reference: PPC/DC22 Dated: 25th January 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	213	2	529141 183454
4	Local Authority Pollution Prevention and Controls Name: Bp Euston Location: 142 Hampstead Road, London, NW1 2PT Authority: London Borough of Camden, Pollution Projects Team Permit Reference: PPC17 Dated: 24th December 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Automatically positioned to the address	A8NE (SE)	416	2	529225 182954

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Local Authority Pollution Prevention and Controls Name: Jet Petrol Station Location: 120 Parkway, LONDON, NW1 7NY Authority: London Borough of Camden, Pollution Projects Team Permit Reference: Not Given Dated: 11th December 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A18SW (NW)	457	2	528655 183640
5	Local Authority Pollution Prevention and Controls Name: Smart Dry Cleaners Location: 104 Parkway, London, Nw1 7an Authority: London Borough of Camden, Pollution Projects Team Permit Reference: PPC/DC20 Dated: 26th January 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	465	2	528685 183676
6	Local Authority Pollution Prevention and Controls Name: Paradise Cleaners Ltd Location: 58 Parkway, London, Nw1 7ah Authority: London Borough of Camden, Pollution Projects Team Permit Reference: PPC/DC39 Dated: 12th January 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	502	2	528753 183762
7	Local Authority Pollution Prevention and Controls Name: Crowndale Dry Cleaners Location: 2 Crowndale Road, London, Nw1 1tt Authority: London Borough of Camden, Pollution Projects Team Permit Reference: PPC/DC49 Dated: 26th February 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Located by supplier to within 10m	A14NW (E)	560	2	529510 183503
8	Local Authority Pollution Prevention and Controls Name: The Fresh Collection Ltd Location: 104 Robert Street, London, Nw1 3qp Authority: London Borough of Camden, Pollution Projects Team Permit Reference: PPC/DC45 Dated: 24th January 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Located by supplier to within 10m	A8NW (S)	579	2	528874 182718
9	Local Authority Pollution Prevention and Controls Name: City Centre Dry Cleaners Location: 118 Eversholt Street, London, Nw1 1bp Authority: London Borough of Camden, Pollution Projects Team Permit Reference: PPC/DC17 Dated: 12th January 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	643	2	529523 182950
10	Local Authority Pollution Prevention and Controls Name: Avis Rent A Car Ltd Location: 88 Eversholt Street, London, NW1 1BP Authority: London Borough of Camden, Pollution Projects Team Permit Reference: PPC23 Dated: 1st April 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Automatically positioned to the address	A9NW (SE)	694	2	529557 182908

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Local Authority Pollution Prevention and Controls Name: Stepbies Dry Cleaner Location: 52 Phoenix Road, London, Nw1 1es Authority: London Borough of Camden, Pollution Projects Team Permit Reference: PPC/DC36 Dated: 12th January 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Located by supplier to within 10m	A14SE (E)	816	2	529744 183007
12	Local Authority Pollution Prevention and Controls Name: W Starling Location: 9 -11 Leybourne Road, CAMDEN, NW1 8QY Authority: London Borough of Camden, Pollution Projects Team Permit Reference: PPC1 Dated: 9th January 1996 Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Permitted Positional Accuracy: Automatically positioned to the address	A18NW (N)	912	2	528811 184208
13	Local Authority Pollution Prevention and Controls Name: Camden Cleaners Location: 122 Camden Road, London, Nw1 9ee Authority: London Borough of Camden, Pollution Projects Team Permit Reference: PPC/DC32/06 Dated: 25th January 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Located by supplier to within 10m	A18NE (N)	961	2	529240 184236
14	Local Authority Pollution Prevention and Controls Name: London Zoo Location: Regents Park, LONDON, NW1 4RY Authority: Westminster City Council, Environmental Health Department Permit Reference: Not Given Dated: 1st November 1992 Process Type: Local Authority Air Pollution Control Description: PG5/1 Clinical waste incineration processes under 1 tonne an hour Status: Authorisation has expiredExpired Positional Accuracy: Automatically positioned to the address	A12NW (W)	966	3	528016 183480
15	Local Authority Pollution Prevention and Controls Name: Wm Morrisons Supermarkets Plc Location: Chalk Farm Road, London, Nw1 8aa Authority: London Borough of Camden, Pollution Projects Team Permit Reference: PPC/DC1 Dated: 26th January 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	991	2	528439 184146
	Nearest Surface Water Feature	A12NW (W)	713	-	528254 183363
16	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Prince Albert Road Authority: Environment Agency, Thames Region Pollutant: Not Given Note: Confirmed incident Incident Date: 4th April 1999 Incident Reference: THNE1999043097 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Approximate location provided by supplier	A17SE (NW)	777	1	528300 183700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	Pollution Incidents to Controlled Waters Property Type: Not Given Location: CAMDEN TOWN Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Natural Note: Not Supplied Incident Date: 11th August 1998 Incident Reference: THNE1998039947 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	865	1	529800 183600
18	Pollution Incidents to Controlled Waters Property Type: Not Given Location: ST PANCRAS Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Other Note: Not Supplied Incident Date: Not Supplied Incident Reference: SE960379 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	935	1	529900 183500
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: LONDON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 15th January 1996 Incident Reference: SE960036 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	948	1	529100 184250
20	Prosecutions Relating to Authorised Processes Location: Regents Park Road, London, Nw1 Prosecution Text: Failure to comply with packaging waste regulations Prosecution Act: Pro97 Hearing Date: 6th September 2007 Verdict: Guilty Fine: 85000 Costs: 8836 Positional Accuracy: Manually positioned to the road within the address or location	A17SW (NW)	902	1	528192 183763
21	Registered Radioactive Substances Name: Spirogen Ltd Location: 2, Royal College Street, London, NW1 0NH Authority: Environment Agency, Thames Region Permit Reference: CA5052 Dated: 20th December 2006 Process Type: 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 either revoked or cancelledCancelled Positional Accuracy: Automatically positioned to the address	A18SW (N)	488	1	528965 183798
21	Registered Radioactive Substances Name: Spirogen Ltd Location: 2, Royal College Street, London, NW1 0NH Authority: Environment Agency, Thames Region Permit Reference: CA5079 Dated: 20th December 2006 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelledCancelled Positional Accuracy: Automatically positioned to the address	A18SW (N)	488	1	528965 183798

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Capital And Counties Property Company Limited Licence Number: 28/39/39/0138 Permit Version: 100 Location: Walmer House, 296 Regent Street, London W1-Borehole B Authority: Environment Agency, Thames Region Abstraction: Commercial/Industrial/Public Services: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Walmer House, 296 Regent Street, London W1 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th November 1979 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1893	1	529100 181400
	Water Abstractions Operator: Great Capital Partnership (G.P.) Limited Licence Number: 28/39/39/0138 Permit Version: 101 Location: Walmer House, 296 Regent Street, London, W1b - Borehole 'A' Authority: Environment Agency, Thames Region Abstraction: Commercial/Industrial/Public Services: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Walmer House, 296 Regent Street, London W1 Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1939	1	529010 181350
	Water Abstractions Operator: Great Capital Partnership (G.P.) Limited Licence Number: 28/39/39/0138 Permit Version: 101 Location: Walmer House, 296 Regent Street, London, W1b - Borehole 'B' Authority: Environment Agency, Thames Region Abstraction: Commercial/Industrial/Public Services: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Walmer House, 296 Regent Street, London W1 Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1959	1	529010 181330
	Water Abstractions Operator: Capital And Counties Property Company Limited Licence Number: 28/39/39/0138 Permit Version: 100 Location: Walmer House, 296 Regent Street, London W1-Borehole A Authority: Environment Agency, Thames Region Abstraction: Commercial/Industrial/Public Services: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 25 Yearly Rate (m3): 9123 Details: Walmer House, 296 Regent Street, London W1 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th November 1979 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(S)	1989	1	529000 181300
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 39 West London Scale: 1:100,000	A13NE (SE)	0	1	528975 183300
	Drift Deposits None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Bedrock Aquifer Designations Aquifer Desination: Unproductive Strata	A13NE (SE)	0	4	528975 183300
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: London Borough of Camden - Has no landfill data to supply		0	7	528975 183300
	Local Authority Landfill Coverage Name: Westminster City Council - Has supplied landfill data		602	3	528388 183121
38	Registered Waste Transfer Sites Licence Holder: Rutland (Haulage) Ltd Licence Reference: DL241 Site Location: 2 Camley Street, KINGS CROSS, London, NW1 Operator Location: 64 Pancras Road, Kings Cross, CAMDEN, London, NW1 Authority: Environment Agency - Thames Region, North East Area Site Category: Transfer Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Record supersededSuperseded Dated: 1st December 1986 Preceded By: Not Given Licence: Superseded By: DL241 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Commercial Waste Construction Ind. Wastes Max.Waste Permitted By Licence(Stated) Prohibited Waste: Clinical Wastes Notifiable Wastes Putrescible Waste Special Wastes	A14NW (E)	650	1	529620 183450
39	Registered Waste Transfer Sites Licence Holder: N.L.W.A. Licence Reference: CR/018 Site Location: Jamestown Road, CAMDEN, London, NW1 Operator Location: Camden Town Hall, Euston Road, CAMDEN, London, NW1 2RU Authority: Environment Agency - Thames Region, North East Area Site Category: Transfer - Road Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Record supersededSuperseded Dated: 1st June 1977 Preceded By: Not Given Licence: Superseded By: DL251 Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Civic Amenity/Refuse Amenity Waste House, Com + Ind.Waste Waste Oil Prohibited Waste: Clinical Wastes Difficult Waste N.O.S	A18NW (N)	725	1	528750 184000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: London Clay	A13NE (SE)	0	4	528975 183300
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A13NE (SE)	0	5	528975 183300
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A13NE (E)	15	5	529000 183300
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A13SE (S)	289	5	528975 183000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A13SE (S)	289	5	529000 183000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A8NE (S)	657	5	529148 182654
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A8SE (S)	676	5	529000 182613

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A18NE (N)	690	5	528975 184000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A18NE (N)	691	5	529000 184000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A8NE (SE)	692	5	529273 182663
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A8SE (S)	770	5	529000 182519
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A12NW (W)	964	5	528000 183300
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 528713, 183132 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 12.00 mg/kg Concentration: Cadmium Measured 0.80 mg/kg Concentration: Chromium Measured 62.00 mg/kg Concentration: Lead Measured 370.00 mg/kg Concentration: Nickel Measured 17.00 mg/kg Concentration:	A13SW (SW)	300	4	528713 183132

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 529329, 183274 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 29.00 mg/kg Concentration: Cadmium Measured 0.70 mg/kg Concentration: Chromium Measured 89.00 mg/kg Concentration: Lead Measured 682.00 mg/kg Concentration: Nickel Measured 45.00 mg/kg Concentration:	A14SW (E)	346	4	529329 183274
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 529183, 183833 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 16.00 mg/kg Concentration: Cadmium Measured 4.90 mg/kg Concentration: Chromium Measured 109.00 mg/kg Concentration: Lead Measured 248.00 mg/kg Concentration: Nickel Measured 37.00 mg/kg Concentration:	A18SE (N)	560	4	529183 183833
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 528707, 183811 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 20.00 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 63.00 mg/kg Concentration: Lead Measured 2415.00 mg/kg Concentration: Nickel Measured 30.00 mg/kg Concentration:	A18SW (NW)	567	4	528707 183811
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 528680, 182759 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 17.00 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 89.00 mg/kg Concentration: Lead Measured 289.00 mg/kg Concentration: Nickel Measured 36.00 mg/kg Concentration:	A8NW (SW)	603	4	528680 182759
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 529283, 182719 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 21.00 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 69.00 mg/kg Concentration: Lead Measured 828.00 mg/kg Concentration: Nickel Measured 32.00 mg/kg Concentration:	A8NE (SE)	647	4	529283 182719

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Urban Soil Chemistry Averages Source: British Geological Survey, National Geoscience Information Service Sample Area: London Count Id: 7189 Arsenic Minimum Concentration: 1.00 mg/kg Arsenic Average Concentration: 17.00 mg/kg Arsenic Maximum Concentration: 161.00 mg/kg Cadmium Minimum Concentration: 0.30 mg/kg Cadmium Average Concentration: 0.90 mg/kg Cadmium Maximum Concentration: 165.20 mg/kg Chromium Minimum Concentration: 13.00 mg/kg Chromium Average Concentration: 79.00 mg/kg Chromium Maximum Concentration: 2094.00 mg/kg Lead Minimum Concentration: 11.00 mg/kg Lead Average Concentration: 280.00 mg/kg Lead Maximum Concentration: 10000.00 mg/kg Nickel Minimum Concentration: 2.00 mg/kg Nickel Average Concentration: 28.00 mg/kg Nickel Maximum Concentration: 506.00 mg/kg	A13NE (SE)	0	4	528975 183300
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	4	528975 183300
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	4	528975 183300
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	214	4	528920 183081
	Potential for Ground Dissolution Stability Hazards No Hazard				
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	4	528975 183300
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	11	4	528955 183290
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	75	4	528918 183233
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	95	4	528874 183327
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	4	528975 183300
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	11	4	528955 183290
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	214	4	528920 183081

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	4	528975 183300
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	4	528975 183300
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	4	528975 183300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	Contemporary Trade Directory Entries Name: Fantastic Services Camden Location: 3, Mornington Terrace, London, NW1 7RR Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (W)	3	-	528967 183302
47	Contemporary Trade Directory Entries Name: Albert Motors Location: 2-6, Albert Street, London, NW1 7NZ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	48	-	529033 183304
48	Contemporary Trade Directory Entries Name: Globe Motors Location: 12a, Mornington Crescent, London, NW1 7RH Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	150	-	529062 183165
49	Contemporary Trade Directory Entries Name: Radley & Co Location: Greater London House, Hampstead Road, London, NW1 7QX Classification: Bags, Belts & Accessories - Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (E)	159	-	529135 183255
49	Contemporary Trade Directory Entries Name: Revlon International Corporation Location: Greater London House, Hampstead Road, London, NW1 7QX Classification: Cosmetic Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (E)	159	-	529135 183255
50	Contemporary Trade Directory Entries Name: O'Connell Wood Working Location: 15a-37 Camden High St, London, NW1 7JE Classification: Cabinet Makers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	199	-	529130 183446
50	Contemporary Trade Directory Entries Name: Camden Laundry Location: 37, Camden High Street, London, NW1 7JE Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (NE)	200	-	529131 183446
50	Contemporary Trade Directory Entries Name: Camden Drycleaners Location: 27, Camden High Street, London, NW1 7JE Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	213	-	529142 183454
50	Contemporary Trade Directory Entries Name: Camden Drycleaners Location: 27, Camden High Street, London, NW1 7JE Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (NE)	213	-	529142 183454
50	Contemporary Trade Directory Entries Name: Fantastic Cleaners Camden Location: 27, Camden High Street, London, NW1 7JE Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (NE)	213	-	529142 183454
51	Contemporary Trade Directory Entries Name: Homeclean Domestic Cleaning Ltd Location: 273, Eversholt Street, London, NW1 1BA Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (E)	223	-	529207 183337
51	Contemporary Trade Directory Entries Name: Home Clean Location: 271, Eversholt Street, London, NW1 1BA Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	226	-	529210 183332

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	Contemporary Trade Directory Entries Name: Print Today Location: 41, Camden High Street, London, NW1 7JH Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	224	-	529124 183485
52	Contemporary Trade Directory Entries Name: Chicken Cottage Location: 53, Camden High Street, London, NW1 7JH Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	229	-	529099 183508
52	Contemporary Trade Directory Entries Name: Lingfield Communications Ltd Location: 63-65, Camden High Street, London, NW1 7JL Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	254	-	529084 183543
52	Contemporary Trade Directory Entries Name: Central Alcohol Analytical Service Location: 63-65, Camden High Street, London, NW1 7JL Classification: Laboratories Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	254	-	529084 183543
53	Contemporary Trade Directory Entries Name: R Kive It Ltd Location: 85, Albert Street, London, NW1 7LX Classification: Photo & Digital Imaging Bureaus Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	241	-	528865 183526
54	Contemporary Trade Directory Entries Name: Primary Colour Laboratories Ltd Location: 11-13, Kings Terrace, London, NW1 0JP Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	252	-	529169 183483
54	Contemporary Trade Directory Entries Name: A N H Autos Location: 4, Kings Terrace, London, NW1 0JP Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	280	-	529209 183478
54	Contemporary Trade Directory Entries Name: Casna Group Cleaning Services Location: 7c, Bayham Street, London, NW1 0EY Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (NE)	297	-	529210 183504
54	Contemporary Trade Directory Entries Name: Professional Domestic Services Location: Flat 39, Westerham, Bayham Street, London, NW1 0JU Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	333	-	529229 183535
55	Contemporary Trade Directory Entries Name: Ryness Electrical Supplies Ltd Location: 67, Camden High Street, London, NW1 7JL Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	260	-	529076 183553
55	Contemporary Trade Directory Entries Name: Kodak Express Location: 75, Camden High Street, London, NW1 7JL Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	276	-	529061 183575
56	Contemporary Trade Directory Entries Name: Bgb Medical Training Location: Regents Park Barracks, Albany St, London, NW1 4AL Classification: Medical & Dental Laboratories Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13SW (SW)	272	-	528728 183161

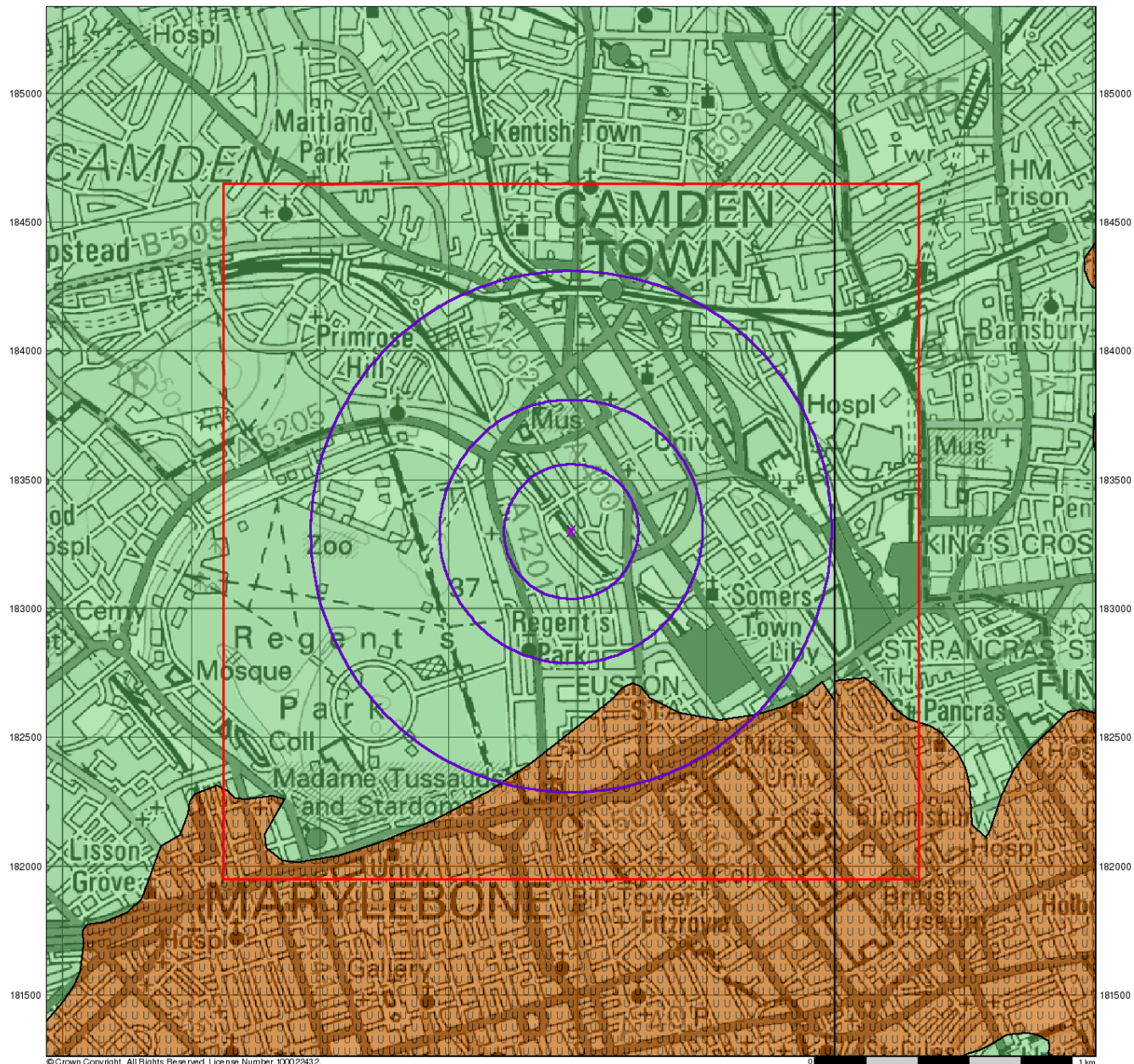
Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
169	Fuel Station Entries Name: St Georges Service Station Location: 47 Morningson Crescent, Regents Park, LONDON, NW1 7RB Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	155	-	529094 183419
170	Fuel Station Entries Name: Euston Filling Station Location: 142, Hampstead Road, London, NW1 2PT Brand: BP Premises Type: Petrol Station Status: Closed Positional Accuracy: Manually positioned to the address or location	A8NE (SE)	432	-	529231 182939
171	Fuel Station Entries Name: Parkway Filling Station Location: 120 Parkway, Camden Town, LONDON, NW1 7AN Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Approximate location provided by supplier	A17SE (NW)	698	-	528582 183889
172	Fuel Station Entries Name: Morrisons Camden Location: Chalk Farm Road, Chalk Farm, London, Greater London, NW1 8AA Brand: Morrisons Premises Type: Hypermarket Status: Open Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	942	-	528547 184151

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
173	Local Nature Reserves Name: Camley Street Nature Park Multiple Area: N Area (m2): 8208.76 Source: Natural England Designation Date: 1st January 1993	A14NE (E)	947	6	529906 183529

Contact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	London Borough of 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	Westminster City Council - Environmental Health Department Council House, Marylebone Road, London, NW1 5PT	Telephone: 020 7641 1317 Fax: 020 7641 1142 Website: www.westminster.gov.uk
4	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
5	Landmark Information Group Limited 5 - 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Telephone: 01392 441761 Fax: 01392 441709 Email: cssupport@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk
6	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
7	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
-	Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	Landmark Information Group Limited The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	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.

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0 1 km



Groundwater Vulnerability

General

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

Agency and Hydrological

Geological Classes

Major Aquifer (Highly Permeable)

Minor Aquifer (Variably Permeable)

Non Aquifer (Negligibly Permeable)

Water or Sea

Drift Deposit

Soil Classes

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

Low

High (H) 1, 2, 3, U

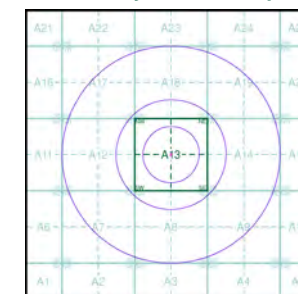
Intermediate (I) 1, 2

Low

Water or Sea

Drift Deposit

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 43279343_1_1
Customer Ref: J12306
National Grid Reference: 528970, 183300
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

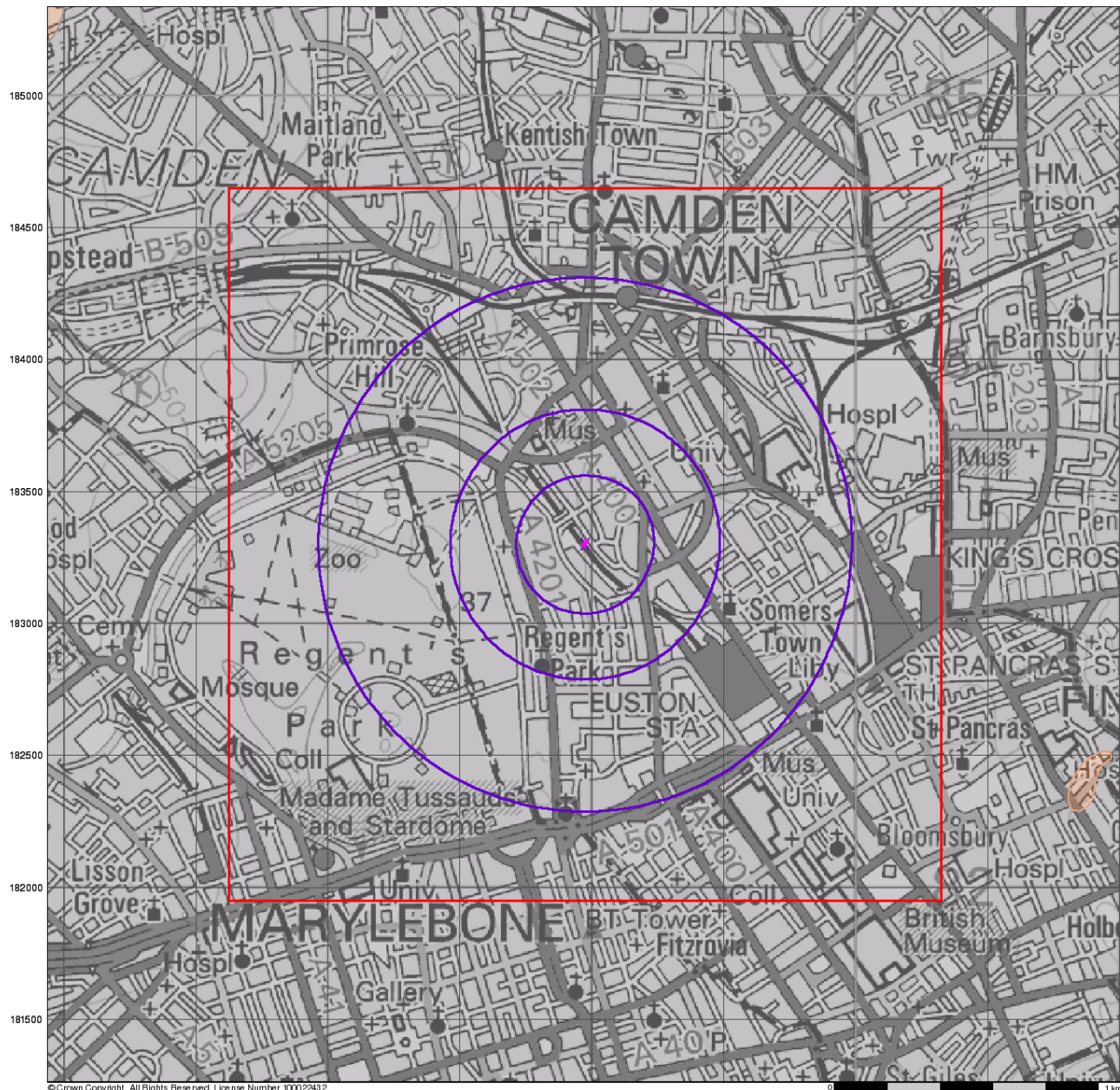
Site Details

The Victoria Public House, 2 Mornington Terrace, LONDON, NW1 7RR



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

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0 1 km



Bedrock Aquifer Designation

General

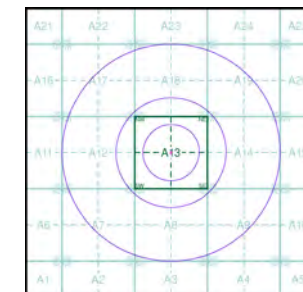
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

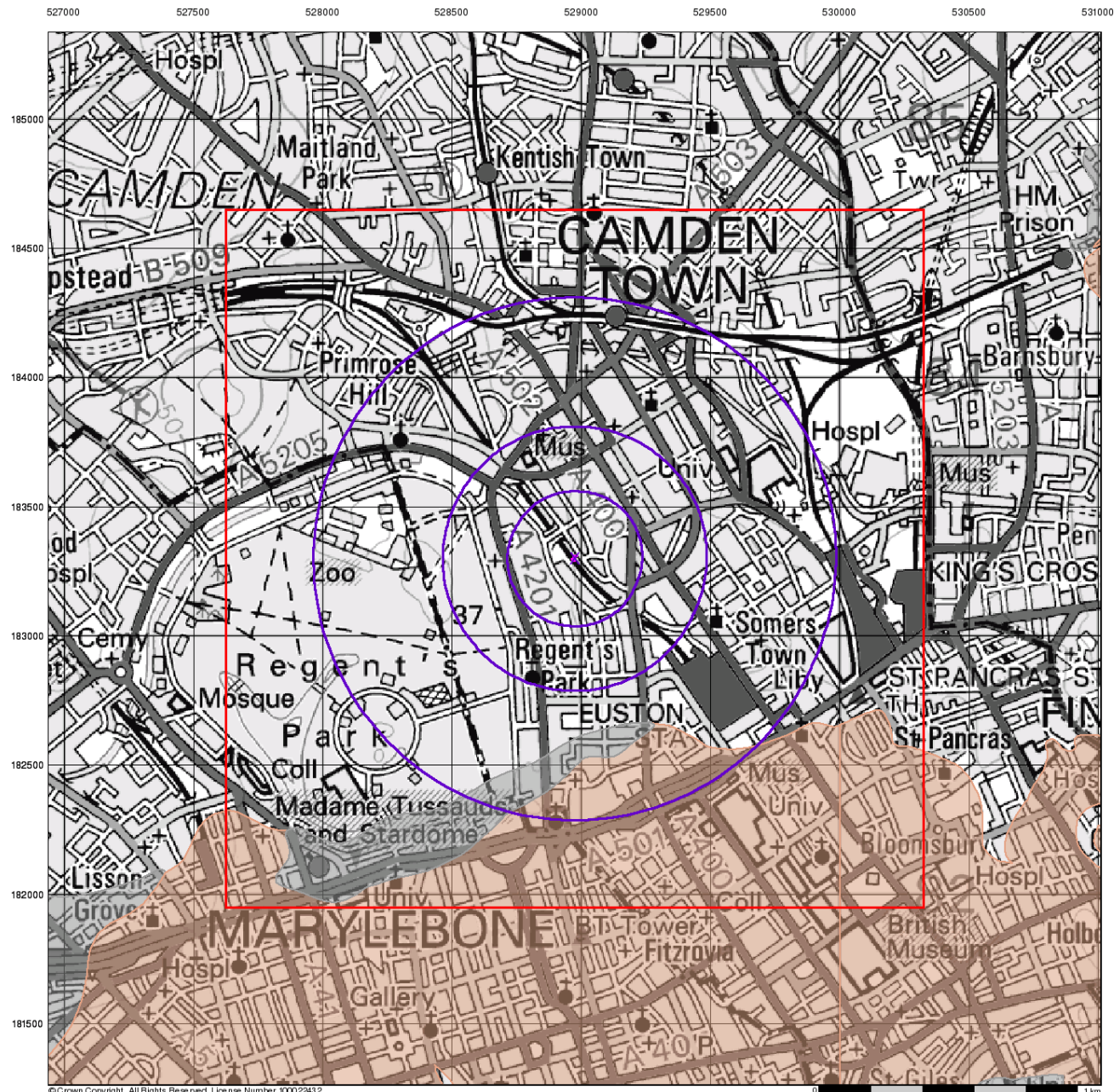
Order Number: 43279343_1_1
Customer Ref: J12306
National Grid Reference: 528970, 183300
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

The Victoria Public House, 2 Mornington Terrace, LONDON, NW1 7RR



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Superficial Aquifer Designation

General

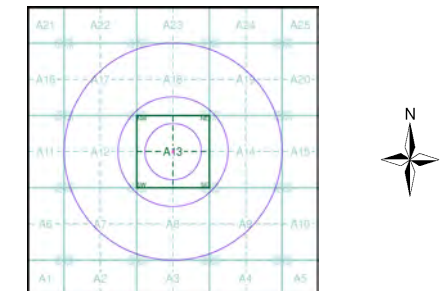
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



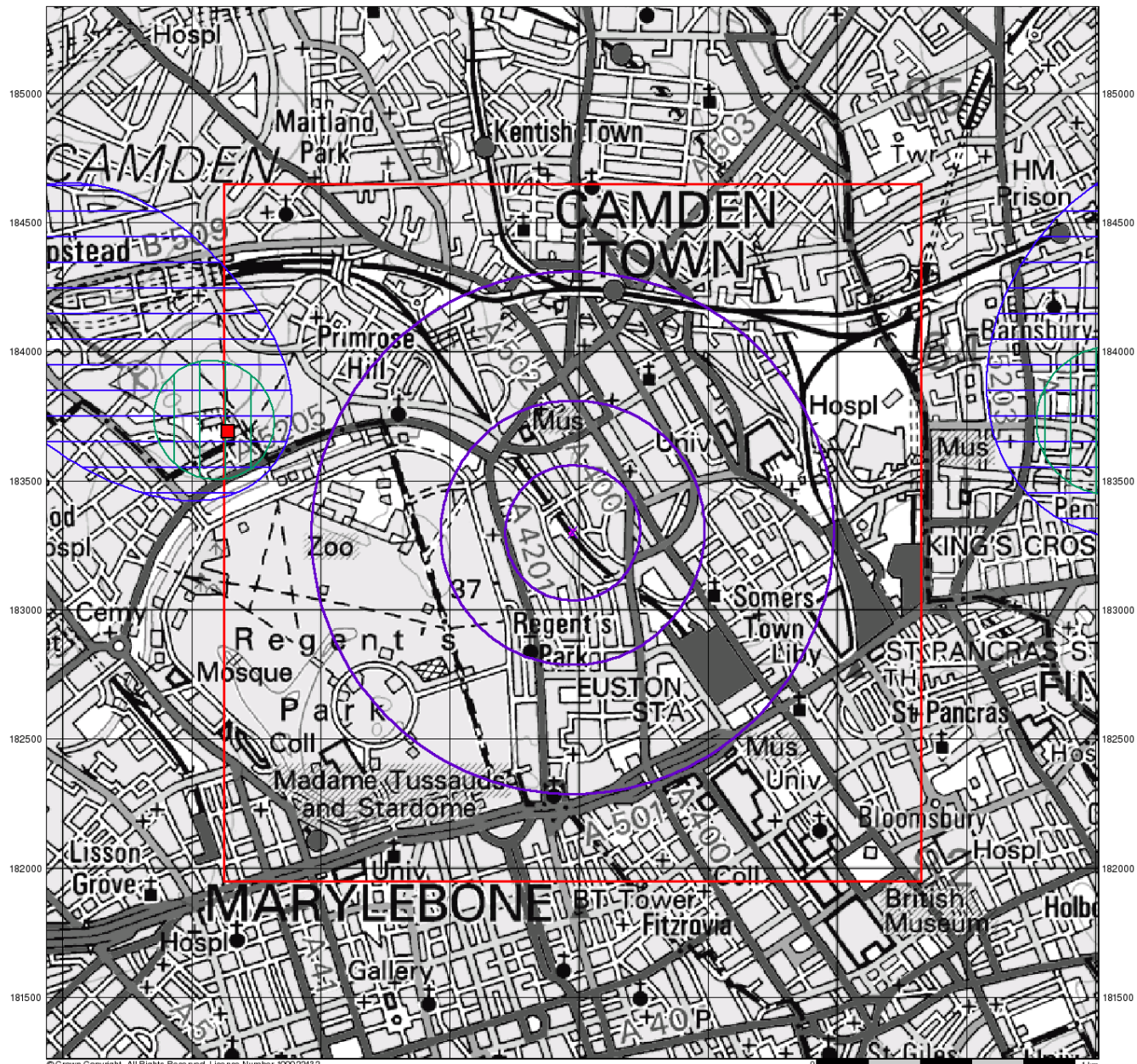
Order Details

Order Number: 43279343_1_1
 Customer Ref: J12306
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 Slice: A
 Site Area (Ha): 0.03
 Search Buffer (m): 1000

Site Details

The Victoria Public House, 2 Mornington Terrace, LONDON, NW1 7RR

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0 1 km



Source Protection Zones

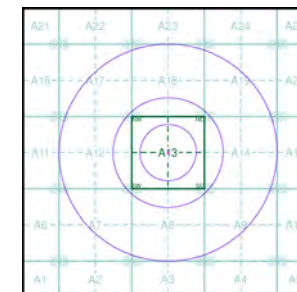
General

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

Agency and Hydrological

- Source Protection Zone I
- Source Protection Zone II
- Source Protection Zone III
- Zone of Special Interest
- Source Protection Zone Borehole

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 43279343_1_1
Customer Ref: J12306
National Grid Reference: 528970, 183300
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

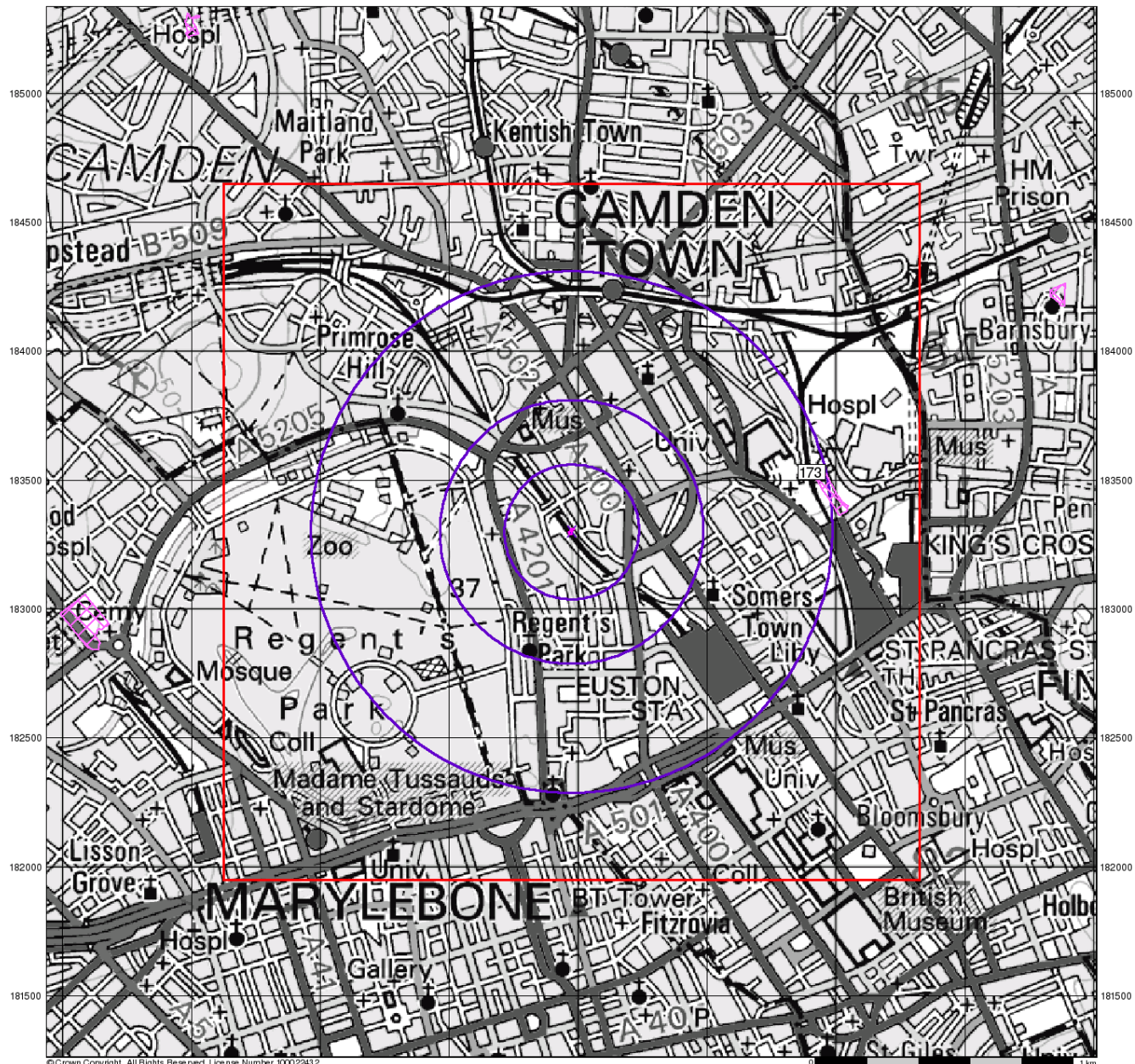
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Sensitive Land Uses

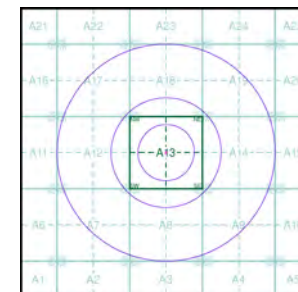
General

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

Sensitive Land Uses

- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area

Site Sensitivity Context Map - Slice A



Order Details

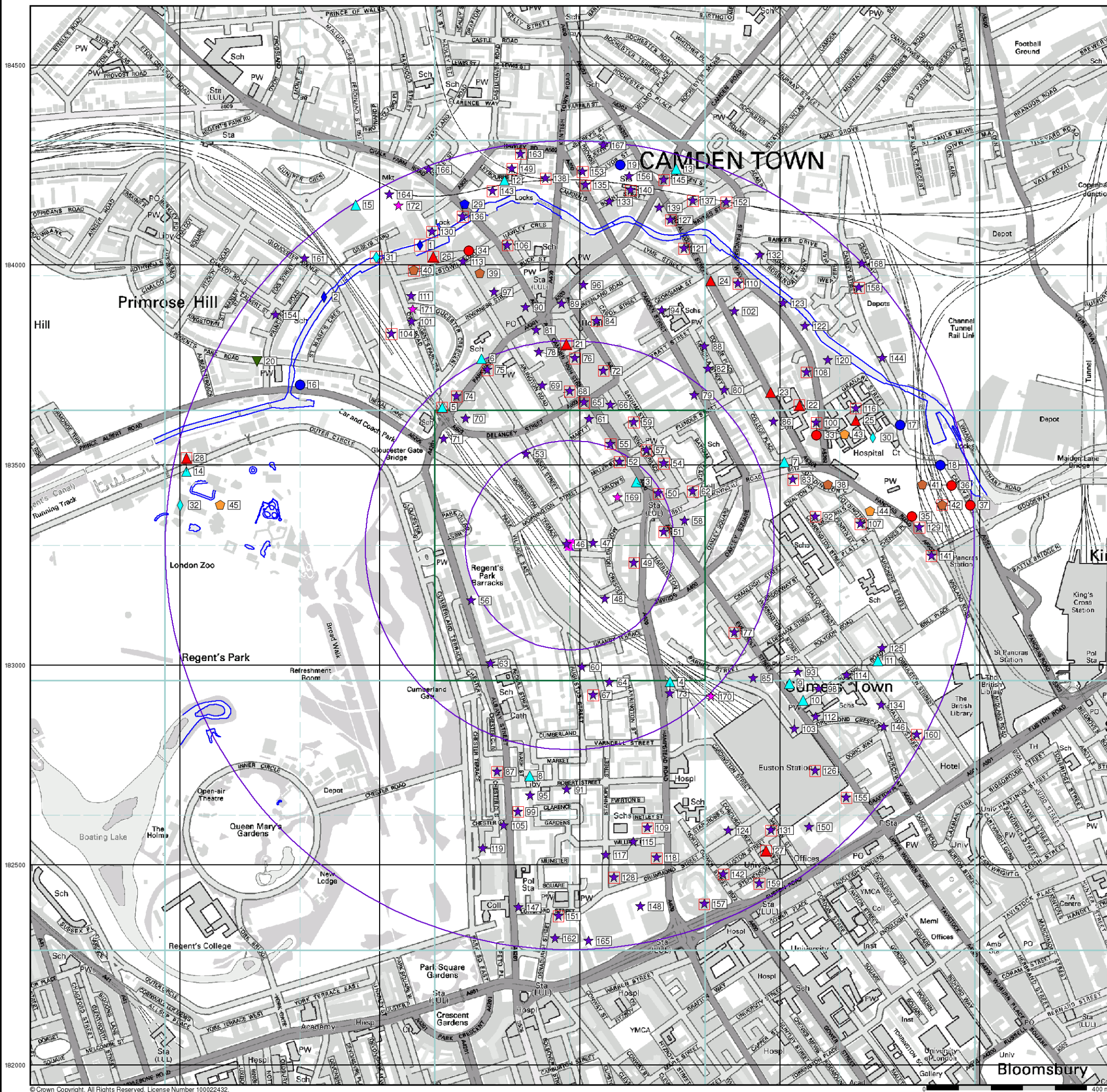
Order Number: 43279343_1_1
Customer Ref: J12306
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Search Buffer (m): 1000

Site Details

The Victoria Public House, 2 Mornington Terrace, LONDON, NW1 7RR



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



General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Local Authority Pollution Prevention and Control
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

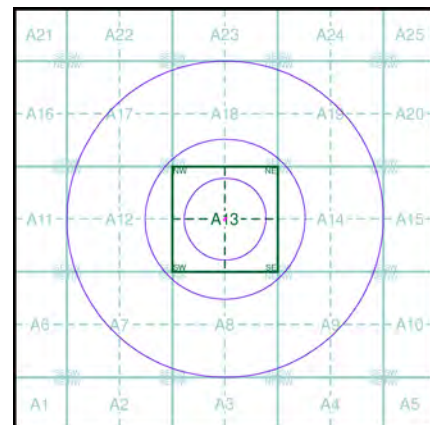
Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

Site Sensitivity Map - Slice A



Order Details

Order Number: 43279343_1_1
 Customer Ref: J12306
 National Grid Reference: 528970, 183300
 Slice: A
 Site Area (Ha): 0.03
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Site Details

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